**Supplementary information**

**Computational study of Tat-CDK9-Cyclin binding dynamics and its implication in transcription-dependent HIV latency**

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**Table S1. The 5615 unique subtype B Tat sequences.**

>B.1983.A04321.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKALGISYGXKKRRQRRXPPQGSQTHQVSLSKQ\*VVHVMQPIQIAIAALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALVEMGVEMGHHAPWDIDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FGECY\*YQ\*\*\*YQ\*\*\*RGNDDGERRDKKLLFQYQHKHKR\*GAERICIFL\*T\*YNTNR\*\*YYQLYVDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVEWQSSRRRGSN\*ICQFHRQC\*NHNSTAEPICRN\*LYKTQQQYKKKYPYPEGTRESICYNRKNRKYETSTL\*H\*\*SKMECHFKTDS\*QIKRTIWK\*\*NNNL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHTPMQNKTIYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*QQWVRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRTVNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLE\*HDLDGVGQRN\*QLHKLNTFLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.1983.A07867.-

MEPVDPRLXPWKHPGSQPKTACTTXYCKKCCFHCQVCFTTKALGISYGXKKRRQRRRPPQGSQTHQVSLSKQ\*VVHVMQPIQIAIAALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALVEMGVEMGHHAPWDIDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FGECY\*YQ\*\*\*YQ\*\*\*RGNDDGERRDKKLLFQYQHKHKR\*GAERICIFL\*T\*YNTNR\*\*YYQLYVDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVEWQSSRRRGSN\*ICQFHRQC\*NHNSTAEPICRN\*LYKTQQQYKKKYPYPEGTRESICYNRKNRKYETSTL\*H\*\*SKMECHFKTDS\*QIKRTIWK\*\*NNNL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHTPMQNKTIYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*QQWVRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRTVNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGXLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLE\*HDLDGVGQRN\*QLHKLNTFLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.1997.AB078005.acute\_infection

MEPVDPNLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISHGRKKRRQRRRDPQDSQTNQVSLPKQ\*VSHVMQPLNIAAIVALVVATIIAIVVWTIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHDAPWDVNDL\*CCSKFVGHSLLWSTSVERGKHHSILCIRC\*SI\*YRGT\*CLGHPCLCTHRPQPTRSGIEKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKTMCKINPTLCYFKMQ\*Y\*E\*Y\*YH\*K\*LGKDGARRNKKLLFQFHHKHEN\*GADTTCTFL\*P\*CSTNK\*EE\*DL\*VDKL\*HLSHYTSLSKDKL\*ANSHTLLCPGWFCDSKM\*\*\*QVQWDRTM\*KCQHSTMYTWN\*ASSINSTAVKCQSSRRRCSN\*I\*EFLEQC\*NHNSTPE\*VCSN\*LYKTQQQYQKEYTYGTRESILYNRRHNRKYKTSIL\*H\*\*TRME\*NFTTGS\*KIRRTI\*\*NKHNSF\*KFLRRGPRNCNAQF\*LWRGIFLL\*YNKTV\*\*DLEWYWVGK\*K\*H\*RK\*HNHHTPMQNKTNYKHVAGSRKSNVCPSHQRKH\*LFIKNYRTVVNKRRW\*REQQHQRDLQTWGRRYERQLEK\*II\*I\*SSKT\*TNRNSTHRGKEKSGAERKKSSGNARSYVPWVLGNSRKHYGRSVNSADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCAWEY\*LE\*\*IPG\*DLE\*HDLDGVGKRN\*QLYRLNIHLNFRIAEPTRKE\*TRIIKIRSMGKFVELV\*HNKMAVVYKNIHNDSRGLDRFKNSFCYTCYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1999.AB097870.asymptomatic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCNCYCKSAASCSCFIKKGLGIFYGRKKRRQDEQPPQDSQTHQASLSKQ\*VVYVMQALIIWAIVALVVAAIIAIVVWTIAFIEYRKLLKLVKEIERLIDRIRERAEDSGNESDGDQEELSAFMEMGHDAPWNVDDL\*CYN\*RKIVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRDT\*CLGHTCLCTHRPQPTGSSLGKCDRKL\*HVEK\*YGRSDA\*RYNQFMGSKSKTMCKTNPTLCHFKLH\*LCEKCY\*Y\*\*YCY\*YH\*YNQ\*YNRGRRNEKLLFQYHHKHKKGERPCTFL\*T\*YSKNER\*\*CQ\*\*QL\*VDKL\*LLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*NIQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQSNRRRDSN\*I\*QFHRQC\*SHYSTAE\*ICTN\*LYKT\*QQYKKKYKSRTRASMVYNRRHNRRYKTSTL\*PY\*QKLE\*HFNTGN\*KIKRTIWEQNNRL\*TILRRGPRDCNAQF\*LWRGILLL\*YITTV\*\*YLVWE\*Y\*YLE\*YCRKYHAPLQNKTNCKHVAGSRKSNVCPSHRRTN\*VFIKYYRVAVNKRWW\*\*DQPHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNARSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKKFAESY\*GATAFVATHSLGHQTAPGKSPGCGKIPEGSTAHGDLGLLWKTHLHHCCALEYQLE\*\*ISG\*HLE\*HDLDGVGKRNSQLHSRNIHLN\*TIAEPARKE\*TRIIKIGYVGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFCCTFYSK\*S\*PGVLTIVGYRPAFPGPEGTRQARRNRRRRWRARQRQIRQI

>B.1985.AB221005.deceased

MEPVDPKLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRRKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQALQISAIVGLVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRITERAEDSGNESDGDQEELSALVEMGHHAPWDVNDL\*C\*RKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPRPTRSKIGKCDRKF\*HVEK\*NGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLHCKRGNDGGRRNEKLLFQYHHKHKR\*GAERICTFL\*T\*YSTNR\*\*K\*\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*\*VQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRKFHEQC\*NHNSTAE\*ICSN\*LYKTQQQYKKKYKYRTRQSILYNRRNNRRYKTSTL\*P\*\*SKME\*HFK\*DSYKIKRTIWE\*NNSL\*ALLRRRPRNCDAQF\*LWRGIFLL\*FNTTV\*\*YLECY\*RVK\*HCRK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWS\*GQQDRGLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGVGQRN\*QLHKHNIQLN\*RIAEPTRKE\*TRIIRIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFFCTFYSE\*S\*AGILTIIVSDPPPSLEGTRQARRNRRRRWRERQRQIRFI

>B.2004.AB221125.-

MEPVDPRLDPWKHPGSQPTTPCTTCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRAPQDSQDHQVSLSKQ\*VVYVMQLLEIISIAALVIVAIIAIVVWTIVGIEYRRILRQRKIDRLIDRIAERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CFRTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*HRDA\*CLGHTCLCTHRP\*PTRGSISECDRRI\*HVEK\*HGRTNA\*GYNQFMGPKPKAMCKINPTLCYFTLHGFEECYC\*QYC\*\*\*QY\*LEKHK\*SNDKLLFQCHHRYRK\*DAERVCTFL\*T\*CSTNRCG\*YKLYIDKL\*HLSHYTSLSKSIL\*TNSHTLLYPSWFCASKM\*\*\*KVQWKRTM\*KCQHSTMYTWN\*ASGVNSTIVKWQSSRRRGST\*I\*KFHKQC\*NHNSTAE\*NCSN\*LYKTQQQYKKRYTYRSRESNLCNRSYNRRYKTSTL\*P\*\*NRLEKHFKQDS\*KVKRTI\*SNNNCLYNTLRRGPRNYNAQFYLWRRIFLL\*YNTAV\*\*HLDLE\*YYGHLE\*YWEQE\*E\*HYHTPMQNKTNYKQVAGSRKSNVCPSHPRTN\*LFIKYYRTAINKRWW\*RN\*ERV\*YLQTWRRRYEG\*LEK\*II\*I\*SGTN\*AIRNSTHQGKEKSGAERKKSSGNARSCVPWVLGSSRKHYGRSVTNADGTGQTITVWYSATAEQSAESY\*GATASVATHSLGHQTAPGQSPGCGKIPKGSTAPGDLGLLWKTHLHHCCAVEY\*LE\*\*NFQPDLG\*HDLDAVGERN\*\*LHRFNIQLN\*RIAKPTRKE\*TRVIGIG\*VGKFVELV\*HIKLAVVYKNFHNDSRRLNRFKNSFCYTFYSKKS\*AGILTNIVADPPPSSEGTRQARRNRRRRWRERHRQIQKI

>B.2004.AB221126.-

MEPVDPRLDPWKHPGSQPTTPCTTCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRAPQDSQDHQVSLSKQ\*VVYVMQLLEIISIAALVIVAIIAIVVWTIVGIEYRRILRQRKIDRLIDRIAERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CFRTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*HRDA\*CLGHTCLCTHRP\*PTRGSISECDRRI\*HVEK\*HGRTNA\*GYNQFMGPKPKAMCKINPTLCYFTLHGFEECYC\*QYC\*\*\*QY\*LEKHK\*SNDKLLFQCHHRYRK\*DAERVCTFL\*T\*CSTNRCG\*YKLYIDKL\*HLSHYTSLSKSIL\*TNSHTLLYPSWFCASKM\*\*\*KVQWKRTM\*KCQHSTMYTWN\*ASGVNSTIVKWQSSRRRGST\*I\*KFHKQC\*NHNSTAE\*NCSN\*LYKTQQQYKKRYTYRSRESNLCNRSYNRRYKTSTL\*P\*\*NRLEKHFKQDS\*KVKRTI\*SNNNCLYNTLRRGPRNYNAQFYLWRRIFLL\*YNTAV\*\*HLDLE\*YYGHLE\*YWEQE\*E\*HYHTPMQNKTNYKQVAGSRKSNVCPSHPRTN\*LFIKYYRTAINKRWW\*RN\*ERV\*YLQTWRRRYEG\*LEK\*II\*I\*SGTN\*AIRNSTHQGKEKSGAERKKSSGNARSCVPWVLGSSRKHYGRSVTNADGTGQTITVWYSATAEQSAESY\*GATASVATHSLGHQTAPGQSPGCGKIPKGSTAPGDLGLLWKTHLHHCCAVEY\*LE\*\*NFQPDLG\*HDLDAVGERN\*\*LHRFNIQLN\*RIAKPTRKE\*TRVIGIG\*VGKFVELV\*HIKLAVVYKNFHNDSRRLNRFKNSFCYTFYSKKS\*AGILTNIVADPPPSSEGTRQARRNRRRRWRERHRQIQKI

>B.1985.AB253432.deceased

MEPVDPKLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRRKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQALQISAIVGLVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRITERAEDSGNESDGDQEELSALVEMGHHAPWDVNDL\*C\*RKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPRPTRSKIGKCDRKF\*HVEK\*NGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLHCKRGNDGGRRNEKLLFQYHHKHKR\*GAERICTFL\*T\*YSTNR\*\*K\*\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*\*VQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRKFHEQC\*NHNSTAE\*ICSN\*LYKTQQQYKKKYKYRTRQSILYNRRNNRRYKTSTL\*P\*\*SKME\*HFK\*DSYKIKRTIWE\*NNSL\*ALLRRRPRNCDAQF\*LWRGIFLL\*FNTTV\*\*YLECY\*RVK\*HCRK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWS\*GQQDRGLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGVGQRN\*QLHKHNIQLN\*RIAEPTRKE\*TRIIRIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFFCTFYSE\*S\*AGILTIIVSDPPPSLEGTRQARRNRRRRWRERQRQIRFI

>B.2004.AB286955.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQTDQSSLSKQ\*VVHVMLPLQILAIVALVVVAIIAIVVWTIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLVEMGHDAPWDANDL\*CCRTIVGYSLLWGACVERSNHHSILCIRC\*SS\*NRGA\*CLGHTCLCTHRP\*PTGSSIGKCDRKF\*HVEK\*HGRTDARRYN\*FMGSKSKAMCKINPALCYLKLH\*LEW\*EWHYEY\*WHYEYYWH\*KYY\*\*\*VGDGGRNKKLLFQCHHKHKK\*DAERICTVL\*T\*YNANR\*\*\*L\*LYSDKL\*YLNHYPGLSKGIL\*TNSHTLLYPSWFCASKM\*\*\*KIQWNRIM\*KC\*HSTMYTWN\*ASSVNSTAVKWQSSRRRNSN\*I\*KSHG\*C\*NHNSTAE\*NCSN\*LYKTRQQYKKKYTYRTREGILCNRRHNRRYKTSTL\*P\*\*SKLE\*NFKTDSYKIKRTICEQNNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*\*CLV\*\*\*HWVKL\*QWE\*YWW\*YHTPMQNKTNCKQMAGSRKSNVCPSHQRKHYLFIKYHRAAINKRWW\*QRHQRVRDFQTWRRKYEGQLEK\*II\*I\*SSKD\*AIRSSTHQGKERSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVFDADGTSQTIIVWYSATAKQFAESY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICRLYLEQHDLDAVGERD\*QLHRLNIQTN\*RIASPTRKE\*TRFITIGYVGKFVELV\*YIKLAVVYKNIHNDSSRLSRFKNNFCCNFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2004.AB286956.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQTDQSSLSKQ\*VVHVMLPLQILAIVALVVVAIIAIVVWTIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLVEMGHDAPWDANDL\*CCRTIVGYSLLWGACVERSNHHSILCIRC\*SS\*NRGA\*CLGHTCLCTHRP\*PTGSSIGKCDRKF\*HVEK\*HGRTDARRYN\*FMGSKSKAMCKINPALCYLKLH\*LEW\*EWHYEY\*WHYEYYWH\*KYY\*\*\*VGDGGRNKKLLFQCHHKHKK\*DAERICTVL\*T\*YNANR\*\*\*L\*LYSDKL\*YLNHYPGLSKGIL\*TNSHTLLYPSWFCASKM\*\*\*KIQWNRIM\*KC\*HSTMYTWN\*ASSVNSTAVKWQSSRRRNSN\*I\*KSHG\*C\*NHNSTAE\*NCSN\*LYKTRQQYKKKYTYRTREGILCNRRHNRRYKTSTL\*P\*\*SKLE\*NFKTDSYKIKRTICEQNNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*\*CLV\*\*\*HWVKL\*QWE\*YWW\*YHTPMQNKTNCKQMAGSRKSNVCPSHQRKHYLFIKYHRAAINKRWW\*QRHQRVRDFQTWRRKYEGQLEK\*II\*I\*SSKD\*AIRSSTHQGKERSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVFDADGTSQTIIVWYSATAKQFAESY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICRLYLEQHDLDAVGERD\*QLHRLNIQTN\*RIASPTRKE\*TRFITIGYVGKFVELV\*YIKLAVVYKNIHNDSSRLSRFKNNFCCNFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2005.AB287363.-

MEPVDPRLEPWEHPGSQPRTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRGPPQGSQTHQVSLPKQ\*VVIHVMQLLEISAIVALVVVTIIAIIVWTIVFIEYRKILRQRKIDRLIDRITERAEDSGNESEGDQEELSALMEMGHHAPWDVNDL\*CCRAVVGYSLLWGTCVERSRNHSILCLRR\*NL\*YRGT\*CLGHTCLCTHRTQPTRSSIGKCDRKF\*HGEK\*NGRTNA\*GYN\*HMGSKPKAMCKINPTLCYFKLH\*\*NSQ\*H\*D\*\*\*N\*YQYH\*CTR\*RTNEKLLFRCHHKPKR\*DYKRICTFL\*T\*CSTNRSD\*\*YI\*\*YI\*YI\*VNTL\*HLSHYPSLSKDVI\*ANSHTLLCPGWFCDSKV\*\*\*\*LQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRKRGSN\*I\*KFHEQC\*NHNSSAEGPSRN\*LYKTRLQHNKKGIDRTRKRKSNCCNKKDRRRYKKSILYT\*\*NTME\*HFKTGS\*KIKRTIWE\*NNSL\*SILRRGPRNCNA\*FYLWRGIFLL\*FNTAV\*\*YLAWKHIKCVK\*HWKK\*QHHTPV\*NKTNCKHVADSRKSNVCPSHQRIH\*MYIKYYRTAIDKRWWKGK\*HGHGGLQTWRRRYEGQLEK\*IIQI\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSYVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYGEIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISGRHLG\*HDMDAVGKRN\*QLHKLNIHLT\*RIAKPTRKE\*TRITRIR\*VGKFVELV\*HNTMAVVYKNIYNDSRRLDRFKDSFCDTFYSE\*S\*AGILTIIIADPYPSLEGTTRQARRNRRRRWRERQRQIRSI

>B.2005.AB287364.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFMKKALGISYGRKKRRQRRRTPQDSQNHQVPLPKQ\*VARVMQALYIVSIVALVVAALLAIVVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQEELSILVDMGHDAPWDVDDL\*C\*RTIVGHSLLWGTCMERSNHHFILCIRC\*II\*YRGT\*CLGHTCLCAHRPQPTRNVIGKCNRKF\*HVEK\*HGRPNA\*GCNQFMGSKPKAMCKINPSLCYSKLH\*STD\*YHWC\*YHWYHW\*\*YHY\*QRRNEKLLFQYHHKHEQ\*GKERICTFLYIRYSTNR\*\*\*\*YYQYQL\*VDKLQHLSCYTGLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTM\*ECQHSTMYTWN\*ASSINSITVKWQSSRRRGNN\*I\*EFHRQC\*KHNSTAE\*NCSN\*LYKTQHQ\*KKRFTYRTGESIFYDRKHKRRYKTSIL\*H\*\*NRLEQHFNTDS\*KIKRTI\*E\*NNSL\*AILRRRSRNHNAQF\*LWRGIFLLQYNKIV\*\*YMDLE\*NTNG\*\*HKRVK\*HYQVPMQNKTDYKHVAGSRKSNVCPSHRRTN\*MLIKYYRADINKRWW\*\*QKRYRNLQTCRRKYEGQLEK\*II\*I\*SSTS\*TIRNSTHQGKEKSGAKREKSRGIRSFVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSATAKQLAEGY\*GATTSVATHSLGHQAASGKNPGCGKIPKGSTAPGNLGVLWKTHLHHCCALEY\*LE\*\*NSRGNLGKHDLDAVGKRNRQLHRHNIQTN\*KIAKPARKE\*TRFIRIG\*MGKFVELV\*HNKLAVVYKNIHNDSRWINRFKNNFYCTFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIRTV

>B.2005.AB287365.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFMKKALGISYGRKKRRQRRRTPQDSQNHQVPLPKQ\*VARVMQALYIVSIVALVVAALLAIVVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQEELSILVDMGHDAPWDVDDL\*C\*RTIVGHSLLWGTCMERSNHHFILCIRC\*II\*YRGT\*CLGHTCLCAHRPQPTRNVIGKCNRKF\*HVEK\*HGRPNA\*GCNQFMGSKPKAMCKINPSLCYSKLH\*STD\*YHWC\*YHWYHW\*\*YHY\*QRRNEKLLFQYHHKHEQ\*GKERICTFLYIRYSTNR\*\*\*\*YYQYQL\*VDKLQHLSCYTGLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTM\*ECQHSTMYTWN\*ASSINSITVKWQSSRRRGNN\*I\*EFHRQC\*KHNSTAE\*NCSN\*LYKTQHQ\*KKRFTYRTGESIFYDRKHKRRYKTSIL\*H\*\*NRLEQHFNTDS\*KIKRTI\*E\*NNSL\*AILRRRSRNHNAQF\*LWRGIFLLQYNKIV\*\*YMDLE\*NTNG\*\*HKRVK\*HYQVPMQNKTDYKHVAGSRKSNVCPSHRRTN\*MLIKYYRADINKRWW\*\*QKRYRNLQTCRRKYEGQLEK\*II\*I\*SSTS\*TIRNSTHQGKEKSGAKREKSRGIRSFVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSATAKQLAEGY\*GATTSVATHSLGHQAASGKNPGCGKIPKGSTAPGNLGVLWKTHLHHCCALEY\*LE\*\*NSRGNLGKHDLDAVGKRNRQLHRHNIQTN\*KIAKPARKE\*TRFIRIG\*MGKFVELV\*HNKLAVVYKNIHNDSRWINRFKNNFYCTFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIRTV

>B.2005.AB287366.-

MEPVDPSLEPWKHPGSQPKTACNNCYCKKCCYHCQVCFLSKALGISHGRKKRRQRRRPPKSGQTHQVPLSEQ\*VVHVMSQLYILTIVAFVVVTIIAIAVWTVVFLEYRKILRERKIDRLIDRITERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*HRGA\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HVEK\*HGRTNA\*GCNKLMGSKPKAMCKTNPTLCYFKLH\*L\*CY\*Y\*\*YYY\*\*\*\*LEREGRNKKLHFQCHHNDRK\*AKERICTFL\*T\*YSTSRG\*\*YKLCVDKL\*HLNHYTGLPKGVL\*TNSHTLLYTGWFCASKV\*R\*EFQWIRTMYKCQHSTVYTWN\*ASSVNSTTVKWQYSRR\*DSSSI\*KFLRQC\*NHNSTAEQDYTH\*LYKTQQ\*YKKKYTYRTRESILCNRRYNRKYKTSTL\*P\*\*NRLE\*HFKTNS\*KIKRTIWGE\*NNKI\*AIFGRGPRNYNAQF\*LWRGIFLL\*YNRAI\*\*\*YAE\*YY\*R\*QPHTPVQNKTNYKQMAGSRKSNVCPSHPRTN\*MFIKYYRVAINKRWRK\*WQ\*N\*\*Y\*DFQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAKRKKSSGNAGSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESY\*GATAYVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEYFLE\*\*NL\*EDLEQHDLDAMGERN\*QLHRLNIHFN\*RSAKPTRKE\*TRIIGIR\*VGQFVELV\*HNTMAVVHKNIHNDSRRLDRFKNSFCCTFYSK\*S\*AGIFTIVIPDPPPSSEGTRQARRNRRRRWRERQRHIRAI

>B.2005.AB287367.-

MEPVDPSLEPWKHPGSQPKTACNNCYCKKCCYHCQVCFLSKALGISHGRKKRRQRRRPPKSGQTHQVPLSEQ\*VVHVMSQLYILTIVAFVVVTIIAIAVWTVVFLEYRKILRERKIDRLIDRITERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*HRGA\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HVEK\*HGRTNA\*GCNKLMGSKPKAMCKTNPTLCYFKLH\*L\*CY\*Y\*\*YYY\*\*\*\*LEREGRNKKLHFQCHHNDRK\*AKERICTFL\*T\*YSTSRG\*\*YKLCVDKL\*HLNHYTGLPKGVL\*TNSHTLLYTGWFCASKV\*R\*EFQWIRTMYKCQHSTVYTWN\*ASSVNSTTVKWQYSRR\*DSSSI\*KFLRQC\*NHNSTAEQDYTH\*LYKTQQ\*YKKKYTYRTRESILCNRRYNRKYKTSTL\*P\*\*NRLE\*HFKTNS\*KIKRTIWGE\*NNKI\*AIFGRGPRNYNAQF\*LWRGIFLL\*YNRAI\*\*\*YAE\*YY\*R\*QPHTPVQNKTNYKQMAGSRKSNVCPSHPRTN\*MFIKYYRVAINKRWRK\*WQ\*N\*\*Y\*DFQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAKRKKSSGNAGSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESY\*GATAYVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEYFLE\*\*NL\*EDLEQHDLDAMGERN\*QLHRLNIHFN\*RSAKPTRKE\*TRIIGIR\*VGQFVELV\*HNTMAVVHKNIHNDSRRLDRFKNSFCCTFYSK\*S\*AGIFTIVIPDPPPSSEGTRQARRNRRRRWRERQRHIRAI

>B.2005.AB287368.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCWHCQLCFLTKGLGISYGRKKRRQRRRPPHDSQTHQVSLSKQ\*VIYVMQPLVIAAIVALVVVAIIAIVVWSIVLLEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDEEALAALVGVGHDAPWDVDDL\*C\*RKNVGHSLLWGTCVERSNHHSILCIRC\*SICTRSA\*HLGYTCLCTHRPRPTRSKIGKCDRIF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFRVH\*L\*WESNSKWD\*T\*\*YQRDEKRGNEKLLFQCHHKYRR\*SKEGKCTFL\*S\*CSKITGW\*YTK\*\*\*\*K\*\*WDIYIDKL\*YLSHYTGLSKGIL\*ANSNTLLYPSWFCASKM\*R\*EVQWIRTM\*KCQHSTMYTWN\*ASSINSAAVKWQSSRKRRDSN\*V\*EFHKQC\*NHNSSAE\*DSRN\*LYKTQQQYKKKYTYGTRECNLCNRSNNRRYKTSTL\*HK\*GKME\*HSKEGS\*RITKTIS\*\*DNSL\*AATLRRGSRNYNSQL\*LWRGILLL\*YNTTV\*\*\*LV\*KWK\*YLV\*HK\*HN\*KHHTPMQNKTNYKHVAGSRKSNVCPSHRGTN\*MFIKYYRTAINKRWGW\*W\*\*\*\*\*DLQT\*RRKYEGQLEK\*VI\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDDGSYVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAKQLAESY\*GATASVAAHGLGH\*TAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*ISGFHLE\*HDLDAVGQGN\*\*LHKLNIHLN\*KCAEPARKE\*TRIIGIG\*MGKFVELV\*YIKLAVVYKNIHNNSRRLGRFKNSFCCTFYSK\*S\*AGILTFIISDPPPSPEGTRQARRNRRRRWRQRQQQIQAI

>B.1999.AB287369.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFLTKGLGISYGRKKRRQRRRAPPDRQTHQAPLSKQ\*VVYVMQPLIILSIVALVVVAIIAIIVWTIVFIEYRKILRQRKIDRIIERIRERAEDSGNESEGDQEELSALVEVGHHAPEGHDAPWNVDDL\*CCRTIVGHSLLWGTCVERCKHHSILCIRC\*SICYRGT\*CLGHTCLCTHRP\*PTRNSIGKCDREF\*HVEK\*YGRADA\*GCNQFMGSKPKAMCKINPTLCHLRVH\*LH\*ECYV\*\*ECY\*YHY\*YQYGGVGKDKGWRNKKLLFQYHHKHKR\*GAEKLCTVL\*S\*CSTNKRR\*\*H\*V\*DDKL\*HLYHYTGLSKGIL\*ANSHTLLCPGWFCDSQV\*R\*AVQWNRTM\*KC\*HSTMYTWN\*ASSVNSITVKW\*SIRRRGSN\*I\*KFHRQC\*NYNSTAK\*NRRN\*LYKTQQQY\*ERYTYGTREILYNRRNNRRYKTSTL\*H\*\*RKME\*HFTTGS\*KIKRTI\*QNNNSLY\*FLRRGPRNCNAQF\*LWRGILLL\*FNTTV\*\*\*LD\*EYYYRVLDWQV\*VK\*D\*CKYYTHMQNKTNYKHVAGGRKSNVCPSHQWTN\*MFIKYYRAAINKRWWEQQ\*\*\*DRDLQTPRRKYEGQLEK\*II\*I\*SSRD\*TIRSSTHQSKEKSGAERKKSSGNAGSYVPWVLRSSRKHYGRSVNGADGTGQTIIGWYSATAEQFAEGY\*GATTFVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALE\*YLE\*\*NSEYNLG\*HDLDGVGQRN\*KLHKRNIYLT\*RIAKTTRKE\*TRIISIRSVGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSICCIIYSE\*S\*AGIFTIVISDPPPNPEGTRQARRNRRRRWREKQRHIRNL

>B.1999.AB287370.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFLTKGLGISYGRKKRRQRRRAPPDRQTNQAPLPKQ\*VIYSICDATLNNIVNSSISSSSNNSNNCVDHSIHRI\*ENIKTKKNR\*DN\*ENKRKSRRQWQ\*E\*RRPGGIISTRGGGAPCSGGA\*CSLEC\*\*SVVLQNNCGSQSIMGYLCGEMQTPLYFVHQMLKHMLQKYIMFGPHMPVYP\*TLTHKK\*YWKM\*QRILTCGKITW\*SRCMRM\*SVYGIKA\*SHV\*D\*PHSVSL\*IALIARILRALRILLIPILSSGKR\*RMEK\*KTALSISPQT\*EIRYRKTMHCFMILM\*YQ\*IRIIRI\*IIIQAKIIILATG\*\*VVTPRSLHRPVQRYPLSQFPYIIVPRLVLRF\*SVKISSSMEQDHVKMLAQYNVHMELGQ\*CQLNYC\*MAVYQKER\*\*LDLKTSQTMLKL\*\*YS\*MKL\*KLIVQDPTTIQGKVYIWDQGNFIQQEK\*\*EI\*DKHIVTLVEKNGITLYNR\*LKN\*ENNLTKQQ\*SLLVPQEGTQKL\*CTVLIVEGNSSTVIQHHCLVVIGLGILLPGLGLAGMSQMRLMQILHSYAE\*NKL\*TCGRG\*EKQCMPLPSVDQLDVHQILQGCY\*QEMVGAAIIMRPRPSDP\*EEI\*RTIGEVNYINIK\*\*GLNH\*E\*HPPKQGEEWCREKKEQWERWELCSLGS\*EQQEALWAQRQWR\*RYRPDNYWLV\*CNSRTIC\*GLLRRNNICCNSQSGASSSSRQESWLWKDT\*RINSS\*GFGVALENSSAPLLCLGMILGVIKL\*IQFGIT\*PGWSGTEKLKITQKKYISYLKNRKNNKKRMNKNY\*H\*ISGQICGIGLTYQIGCGI\*EYS\*\*\*\*EA\*\*V\*E\*YLLYYL\*\*IELGRDIHHCHFRPASQPRGDPTGPKESEKKVERETETHPES\*

>B.2000.AB287371.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFLTKGLGISYGRKKRRQRRRAPPDRQTNQAPLPKQ\*VVYSICDAILNNIINSSINSSSNNSNNCVDHSIHRI\*ENIKTKKNR\*DN\*ENKRKSRRQWQ\*E\*RGPRRIVSTCGGGAPCSGGA\*CSLEC\*\*SVVLQNNCGSQSIMGYLCGEMQAPLYFVHQMLKHMLQKYTMFGPHMPVYP\*TLTHKK\*Y\*KM\*QRILTCGKITW\*NKCMRM\*SVYGIKA\*SHV\*N\*PHSVSL\*IALIARILRALRMLLIPILSSGKR\*RMEK\*KTALSISPQT\*EIRYRKTMHCFMILM\*YQ\*IKIIIQVTIIILAIG\*\*VVIPQSLHRPVQRYPLSQFPYIIVPRLVLRF\*SVKISSSMEQDHVKMLAQYNVHMELGQ\*CQLNYC\*MAVYQKER\*\*LDLKISQTMLKL\*\*YS\*MKP\*KLIVQDPTTILGKVYIWDQGNFMQQEK\*\*EI\*DKHIVTLLERNGITLYKR\*LKN\*ENNSTKQQ\*SLLVPQEGTQKL\*CTILIVEGNSSTVIQHHCLVVIGLRILLPGLGLADMDQMRLMQILHSYAE\*NKL\*TCGRG\*EKQCMPLPSVDQSDVHQILQGCY\*QEMVVRIRTALKRPSDP\*EEI\*KTIGEVNYINIK\*\*ELNH\*E\*HPPRQGEEWCREKKEQWERWELCSLGSWEQQEALWAQRQWR\*RYRPDNYCLV\*CNSRTIC\*GLLRRNNICCNSQSGASSSSRQESWLWKDT\*RINSS\*GFGVALENSSAPLLCLGMILGVINL\*IQFGIT\*PGWSGTEKLKITQKKYISYLKNRKNNRKRMNKNY\*H\*ISGQICGIGLTYQIGCGI\*KYS\*\*\*\*EA\*\*V\*E\*YLLYYL\*\*IESGRDIHHCHFRPASQPRGDPTGPKESEKKVERETETHPES\*

>B.2000.AB287372.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFLTKGLGISYGRKKRRQRRRAPPDRQTNQAPLPKQ\*VVYSICDAILNNIINSSINSSSNNSNNCVDHSIHRI\*ENIKTKKNR\*DN\*ENKRKSRRQWQ\*E\*RGPRRIVSTCGGGAPCSGGA\*CSLEC\*\*SVVLQNNCGSQSIMGYLCGEMQAPLYFVHQMLKHMLQKYTMFGPHMPVYP\*TLTHKK\*Y\*KM\*QRILTCGKITW\*NKCMRM\*SVYGIKA\*SHV\*N\*PHSVSL\*IALIARILRALRMLLIPILSSGKR\*RMEK\*KTALSISPQT\*EIRYRKTMHCFMILM\*YQ\*IKIIIQVTIIILAIG\*\*VVIPQSLHRPVQRYPLSQFPYIIVPRLVLRF\*SVKISSSMEQDHVKMLAQYNVHMELGQ\*CQLNYC\*MAVYQKER\*\*LDLKISQTMLKL\*\*YS\*MKP\*KLIVQDPTTILGKVYIWDQGNFMQQEK\*\*EI\*DKHIVTLLERNGITLYKR\*LKN\*ENNSTKQQ\*SLLVPQEGTQKL\*CTILIVEGNSSTVIQHHCLVVIGLRILLPGLGLADMDQMRLMQILHSYAE\*NKL\*TCGRG\*EKQCMPLPSVDQSDVHQILQGCY\*QEMVVRIRTALKRPSDP\*EEI\*KTIGEVNYINIK\*\*ELNH\*E\*HPPRQGEEWCREKKEQWERWELCSLGSWEQQEALWAQRQWR\*RYRPDNYCLV\*CNSRTIC\*GLLRRNNICCNSQSGASSSSRQESWLWKDT\*RINSS\*GFGVALENSSAPLLCLGMILGVINL\*IQFGIT\*PGWSGTEKLKITQKKYISYLKNRKNNRKRMNKNY\*H\*ISGQICGIGLTYQIGCGI\*KYS\*\*\*\*EA\*\*V\*E\*YLLYYL\*\*IESGRDIHHCHFRPASQPRGDPTGPKESEKKVERETETHPES\*

>B.2000.AB289587.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKKCCLHCQVCFLKKGLGISYGRKKRRQRRRPPPDNQTHQVSLSKQ\*VIYVMQSLETLGIVALVVAFILAIIVWTIVFIEYRKIRKQKRIDRLIQRISERAEDSGNESEGDEEALAALVGMGHLAPWDVDDL\*C\*RTNVGHNLLWGTCVERSNHHSILCIRC\*GI\*TRGT\*CLGHTCLCTHRPQPTRSNIGKCDRKF\*HVAK\*HGRTDA\*RYNQFMGSKPKAMCKIDPTLCYFTLH\*CQ\*\*RHQFGDGERRNEKLLF\*CYHRDKR\*GKERICIFL\*T\*CNTNKE\*\*\*L\*IDTL\*YLNPYTGLSKDIL\*ANSHTFLYPGWFCDSKV\*\*\*EVQWNRTM\*QCQHSTVYTWN\*ASSVNSTAVKWQSSRRGGSNQI\*KFHKQCKNHNSTTE\*ICTN\*LYKTQQQYKKKYTYT\*RTRESICYIRHTRRYKTSTL\*P\*\*SRME\*NVKTCSCKIRNAI\*Q\*NNKISTILRRGPRNCNSQF\*LWRGIFLL\*FNTAV\*\*YLEFY\*YLEYD\*RLN\*H\*RKYHTQMQNKTNYKHVAGSRKSNVCPSHRGTN\*MYIKYYRAAINKRWGE\*\*DK\*D\*DLQTWRRRHEEQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSTRSYVPWVLGSSRKHYGRSVINADDTGQTIIVWYSATAKQLAESY\*GATAVVATHCLGHQTAPGKSPGYGKIPTGSTAPRDLGLLWKTHLHH\*CALEL\*LE\*\*IYK\*NLG\*HDLDTVGQRDS\*LHKLNIHLT\*RIAEPARKE\*TGIIGIG\*VVKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCNFYSE\*S\*AGILTIIIADPPPSPEGTRQARRNRRRRWRQRQSHINAI

>B.2000.AB289588.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKKCCLHCQVCFLKKGLGISYGRKKRRQRRRPPPDNQTHQVSLSKQ\*VIYVMQSLETLGIVALVVAFILAIIVWTIVFIEYRKIRKQKRIDRLIQRISERAEDSGNESEGDEEALAALVGMGHLAPWDVDDL\*C\*RTNVGHNLLWGTCVERSNHHSILCIRC\*GI\*TRGT\*CLGHTCLCTHRPQPTRSNIGKCDRKF\*HVAK\*HGRTDA\*RYNQFMGSKPKAMCKIDPTLCYFTLH\*CQ\*\*RHQFGDGERRNEKLLF\*CYHRDKREGEERICNFL\*T\*CNTNKE\*\*Y\*L\*IDTL\*YLNPYTGLSKDIL\*ANSHTFLYPGWFCDSKM\*\*\*EVQWNRTM\*QCQHSTVYTWN\*ASSVNSTVVKWQSSRRRGSNQI\*KFHKQCKNYNSTTA\*ICTN\*LYKTQQQYKKKYTYT\*RTRESICYIRHTRGYKTSTL\*P\*\*SRME\*NVKTCSYKIRNAI\*Q\*NNKISTILRRGPRDCNSQF\*LWRGIFLL\*FNTTV\*\*YLEFY\*YLEYD\*RHN\*H\*RKYHTQMQNKTNYKHVAGSRKSNVCPSHRGTN\*MYIKYYRAAINKRWGE\*\*DK\*D\*DLQTWRRRHEEQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGSTRSYVPWVLGSSRKHYGRSVINADGTGQTIIVWYSATAKQFAESY\*GATAVVATHCLGHQTAPGKSPGYGKIPTGSTAPRDLGLLWKTHLHH\*CALEL\*LE\*\*IYK\*NLG\*HDLDTVGQRDS\*LHKLNIHFT\*RIAEPARKE\*TGTIGIG\*VVKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCNFYSE\*S\*AGILTIIIADPPPSPEGTRQARRNRRRRWRQRQSHINAI

>B.2001.AB289589.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRTPQDSQTHQVSLPKQ\*VIRVMQTLYIVAIVALVVAAILAIVVWSIVLIEYRKILKQRRIDRILERIRERAEDSGNESDGDQEELSALVVEMGHHAPWDVDDL\*CCKTIRTIVGHSLLWGTCVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTNA\*GYNQFMGPKPKAMCKINPTLCYFKLH\*STN\*\*Y\*YH\*\*S\*\*FNRERGNKKLLFQYYHKHER\*DAERICTFL\*T\*CSSNK\*\*CH\*YQLYQL\*VDKL\*HLSYYTGLSKDIL\*TNSNTLLYPGWFCDF\*V\*\*\*EV\*WNRTM\*KCQHSTMYTWN\*ASSINSIVVEWQSIRRRGNN\*V\*KFHEQC\*NYNSTAE\*ICNN\*LYKTQ\*QYKKRYTYRTRESILYNRRNSRKHKTSTL\*H\*QNTMGEYFKKDSYKIKRTI\*E\*NNSISTILRRGPRNCNAQF\*LWRGIFLL\*YNTIV\*\*YLE\*NKPV\*\*YWE\*Y\*G\*YYHTPMQNKTDYKHVAGSRKSNVCPSYQRTN\*MFIKHYRAAINKRW\*Y\*\*HKQY\*DIQTYRREYEGQLEK\*II\*I\*NSTN\*TIRSSTYQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAESY\*GATESVATHSLGH\*AAPGKSPGCGKIPKGSTAHGDLGLLWKTHLHHCCALEYQLE\*\*IAE\*DLG\*HDLDGVGKRS\*KLHKLNIHLN\*KIANPTGNK\*KGIIGIG\*MGKFVELV\*HNELAMVYKNIHNDSRWLDRFKNSFYCTFYSE\*S\*AGILTTIVSDPPPSPEGTRQARRNRRRRWRARQRQIRAI

>B.2001.AB289590.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRTPQDSQTHQVSLPKQ\*VIRVMQTLYIVAIVALVVAAILAIVVWSIVLIEYRKILKQRRIDRILERIRERAEDSGNESDGDQEELSALVVEMGHHAPWDVDDL\*CCKTIRTIVGHSLLWGTCVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTNA\*GYNQFMGPKPKAMCKINPTLCYFKLH\*STN\*\*Y\*YH\*\*S\*\*FNRERGNKKLLFQYYHKHER\*DAERICTFL\*T\*CSSNK\*\*CH\*YQLYQL\*VDKL\*HLSYYTGLSKDIL\*TNSNTLLYPGWFCDF\*V\*\*\*EV\*WNRTM\*KCQHSTMYTWN\*ASSINSIVVEWQSIRRRGNN\*V\*KFHEQC\*NYNSTAE\*ICNN\*LYKTQ\*QYKKRYTYRTRESILYNRRNSRKHKTSTL\*H\*QNTMGEYFKKDSYKIKRTI\*E\*NNSISTILRRGPRNCNAQF\*LWRGIFLL\*YNTIV\*\*YLE\*NKPV\*\*YWE\*Y\*G\*YYHTPMQNKTDYKHVAGSRKSNVCPSYQRTN\*MFIKHYRAAINKRW\*Y\*\*HKQY\*DIQTYRREYEGQLEK\*II\*I\*NSTN\*TIRSSTYQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAESY\*GATESVATHSLGH\*AAPGKSPGCGKIPKGSTAHGDLGLLWKTHLHHCCALEYQLE\*\*IAE\*DLG\*HDLDGVGKRS\*KLHKLNIHLN\*KIANPTGNK\*KGIIGIG\*MGKFVELV\*HNELAMVYKNIHNDSRWLDRFKNSFYCTFYSE\*S\*AGILTTIVSDPPPSPEGTRQARRNRRRRWRARQRQIRAI

>B.2000.AB428551.-

MEPVDPSLEPWQHPGSRPRTACNNCYCKKCCLHCQVCFLSKALGISHGRKKRRQRRRPPKDGQTHQVPPPKQ\*VVDVMQPLVIASIVALVIVTIIAIIVWTIVFIEYKKILRERRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRQIVGHSLLWGTCVERSTYHSILCIRC\*SI\*NRDA\*CLGHTCLCTHRPQPTRSIIGKYDRKF\*HVGK\*HGRTDAGGCNQXVGSKPKAMCRTNPTLCYFKLH\*L\*W\*\*YK\*YSYQ\*\*\*\*\*RGKAGERRNKKLHF\*YHHQHRR\*AERLCILL\*T\*SRTNK\*G\*C\*L\*VDKL\*HLSHYTSLSKGIF\*ANSHTLLYPGWFCASKV\*\*\*EIQWNRAMYKCQHSTMYTWNQASSVNSTAVKWQSSRRRGSN\*VCQFLEQW\*NHNSTAK\*NCRN\*LYKTQQQYKKRYTVRTRESTLCNRRHNRRYKASILYH\*WNKME\*NFKPNS\*KIKRTIWGE\*NHKISAILRRGPRSCNA\*F\*LWRGIFLL\*YIITV\*LEY\*WVKYY\*WVKYYQNHPMQNKTNYKHVAESRKSNVCPSHQRTN\*LFIKYYRAAINKRWW\*PD\*V\*\*Y\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHH\*CALE\*\*LE\*\*NSESDLGEHDLDAVGERN\*QLHKRNIQLN\*RSAEPARKE\*TRLIGIG\*VG\*FVELV\*HNKMAVVHKNIHNDSRRLDRFKNSFCCTFYSK\*S\*AGILTIVIADPPPSPEGTRQARRNRRRRWRERQRHIRAL

>B.2001.AB428552.-

MEPVDPSLEPWXHPGSRPRTACNNCYCKKCCFHCQVCFMSKALGISHGRKKRRQRRRPPKDGQTHQVPPPKQ\*VXDVMPPLVIVSIVALVVVXIIAIVVWTIVFIEYKKILRERKIDRXIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWNVDDL\*CCRQIVGHSLLWGTCVERSNYHSILCIRC\*SI\*NRGA\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HVEK\*HGRTDAGGYNQFVGSKPKAMCXTNPTLCYFKLH\*L\*W\*XYK\*YSYQ\*\*\*\*\*DGGRRNEKLHFQYHHQYRXEEERICXLL\*T\*CSTNK\*E\*Y\*L\*VDKX\*HLSHYTSLSKGIF\*ANSHTLLYPGWFCASKV\*\*\*EI\*WNRXMYKCQHSTMYTWN\*ASSVNSTAVKXQSSRRRXNN\*VCQFLKQC\*NHNSTAK\*NCRN\*LYKTQQQYKKRYTSRTRXSILCNRRHNRRYKTSTL\*H\*WNXME\*NFRTNS\*KIKRTIWGE\*NNRI\*AATPRRGPRNCNA\*F\*LWRGIFLL\*YIITVYLEY\*WVKYYRKY\*WVXYYHPMQNKTNYKHVAESRKSNVCPSHQXTNXLFIKXYRVAINXRWW\*PE\*X\*\*Y\*V\*\*Y\*DLQTCRRRYEXQLEK\*II\*V\*SSKD\*TIRSSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALE\*\*LE\*\*XSESDLG\*HDLDAVGKRN\*QLHKRNIXLN\*RSAEPARKE\*TRLIGIG\*VGQLVELV\*HHTMVVVHKNIHNDSRRLDRFKNSFCCTFYSK\*N\*AGILTIIIXDPPPSPEGTRQARRNRRRRWRERQRHIREI

>B.2002.AB428553.-

MEPVDPSLEPWKHPGSRPKTACNNCYCKKCCYHCQACFMSKALGISYGRKKRGQRRRPPKDGQTHQASPPKQ\*VVDVMQPLVIVSIVALVVVTIIAIIVWTIVFIEYKKILRERRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCR\*TVGHSLLWGTCVERSNYHSILCIRC\*SI\*NRGA\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HVEK\*HGRTDAGGCNQFVG\*KPKAMCETNPTLCYLKLH\*L\*WY\*YK\*YLYQ\*\*\*\*\*GGKDDGRRRNKKLHLQCHHQHKRKEERICTLL\*T\*CSTNK\*\*\*Y\*L\*VDKL\*HLSHYTSLSKGIF\*ANSHTLLYPGWFCASKV\*\*\*EI\*WNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDNN\*VCQFLGQC\*NHNSTAK\*NCRN\*LYKTQQQYKKKYKSRTRESTLCNRRHNRRYKTSILYH\*WNKME\*HFKTNS\*KIKRTIWGE\*NNKI\*ASHQRRGPRNCNAYF\*LWRGIFLL\*YIITV\*LEY\*WVKYYKKY\*WVKDYPMQNKTNYKHVAESRKSNVCPSHQRTN\*LFIKYYRVAINKRWR\*P\*\*V\*V\*\*Y\*DFQTCRRRYEG\*LEK\*II\*I\*SSKD\*TIRSSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTSQAIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALE\*\*LE\*\*NSESDLG\*HDLDAVGKRNR\*LHKRNIQLN\*RSAEPARKE\*T\*LIGIG\*VGQFVELV\*HNKLAVVHKIIHNDSRRLDRIKNSFCCTFYSK\*S\*AGIFTIVIADPPPRPEGTRQARRNRRRRWRERQRHIRAI

>B.2002.AB428554.-

MEPVDPSLEPWKHPGSRPKTACNNCYCKKCCYHCQVCFTSKALGISHGRKKRGQRRRPPKDGQTHQASPPKQ\*VVDVMQPLVIVSIVALVVVTIIAIIVWTIVFIEYKKILRERRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCR\*TVGHSLLWGTCVERSNYHSILCIRC\*SI\*NRGA\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HVEK\*HGRTDAGGCNQFVG\*KPKAMCETNPTLCYFKLH\*L\*WY\*YK\*YS\*Q\*\*\*EGGKDDGGRRNKKLHFQCHHQHKRKEERICTLL\*T\*CSTNK\*\*\*Y\*L\*VDKL\*HLSHYTSLSKGIF\*ANSHTLLYPGWFCASKV\*\*\*EI\*WNRTVYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDNN\*VCQFLGQC\*NHNSTAK\*NYRN\*LYKTQQQYKKRYTSRTRESILCNRRHNRRYKTSILYH\*WNKME\*HFKTNS\*KIKRTIWGEQNNKI\*ATLRRGPRNCNAYF\*LWRGIFLL\*YIITV\*LEY\*WVKYYRKY\*WVKNYPMQNKTNYKHVAESRKSNVCPSHQRTN\*LFIKYYRVAINKRWW\*T\*YV\*\*H\*GFQTCRRRYEG\*LEE\*II\*I\*SSKD\*TIRSSTHQGKEKSGAERKKSSRNNRSYVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSATAEQFAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALE\*\*LE\*\*NSESDLG\*HDLDAVGKRNR\*LHKRNIQLN\*RSAEPARKE\*T\*LIGIG\*VGQFVELV\*HNKLAVVHKIIHNDSRRLDRIKNSFCCTFYSK\*S\*AGIFTIVIADPPPSPEGTRQARRNRRRRWRERQRHIRAI

>B.2003.AB428555.-

MEPVDPSLEPWKHPGSRPRTACNNCYCKKCCLHCQVCFTSKALGISYGRKKRRQRRRTPKDGQTHQVPPPKQ\*VVDVMQPLXIASIVALVVXAIIAIIVWTIVLIEYKKILRERRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWXVDDL\*CCRQIVGHSLLWGTCVERSNYHSILCIRC\*SI\*NRDA\*CLGHTCLCTHRPQPTRSVLGKCDRKF\*HVEK\*HGRTDAGGCNQFVGSKPKAMCKTNPTLCHFKLH\*L\*WY\*I\*YYYYK\*XXEYSYE\*YSGKDGGRRNKKLHFQCHHQHKR\*XKERICTLL\*T\*YSTNK\*\*\*\*Y\*L\*VDKL\*HLSHYTSLSKSIF\*ANSYTLLYPGWFCASKV\*\*\*EIQWNRAM\*KY\*HSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*VCQFLEQC\*NHNSTAK\*NCRN\*LY\*TQQQYKKEYTSRTRESTLCNRRHHRRYKTSTLYH\*WNKME\*NFRTNS\*KIKRTIWGX\*NNRI\*ATLPRRGPRNCNA\*C\*LWRGIFLL\*YNITV\*LEYCKSKXYKR\*YHTPMQNKTDYKHVAGSRKSNVCPSHQWTN\*MFIKYYRVAINERWW\*Q\*WV\*\*WVX\*\*H\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVPDADGTGQTIIVWYSATAXQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEQ\*LE\*\*NSESDLG\*HDLDAVGKRN\*QLHKRNIQLN\*RSAEPARKE\*TRLIRIG\*VGQLVELV\*HNTMAVVHKNIHNDSRRLDRFKNNFCCAFYSK\*S\*AGIFTIVIADPPPSPEGTRQARRNRRRRWRERQRHIRAI

>B.2005.AB428556.-

MEPVDPSLEPWKHPGSRPRTACNNCYCKKCSFHCQVCFMSKALGISHGRKKRRPRRRPPNDGQTHQVPLPKQ\*VVDVMQPLVIASIVALVVVAIIAIIVWXIVXIEXKKILRERRIDRLIDRIRERAEDSGNESEGDHEELSALVEMGHHAPWDVDDL\*CCRQIVGHNLLWGTCVERSKDHSILCIRS\*SI\*NRGAXCLGHTCLCTHRPQPTRSIFGKCDRKF\*HVEK\*HGRTDAGGCNQFVG\*KPKAMCRTNPTLCYFKLH\*L\*WY\*YK\*YSYQ\*\*Y\*WRGXDGERRNKKLHFQYHHQHRRKAERPCILL\*T\*SSTNK\*\*K\*\*L\*VDKL\*HLSH\*TSLSKGIF\*ANSHTLLYPGWFCASKM\*\*\*EIQWNRAMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*VCQFLXQC\*NHNSTAK\*NCRN\*LYKTQQQYKKKYKSRTRESILCSRRNNRRXKTSILYH\*WNKME\*HFKTNS\*KIKRTIWGE\*NNSI\*ATLRRGLRNCNA\*F\*LWRGIFLL\*YIITV\*LEY\*\*VKYYRKY\*XVKYYHPMQNKTNYKHVAESRKSNVCPSHQRTN\*LFIKYYRVAINKRWW\*PWW\*PY\*\*Y\*DLQTCRRRYEGQLEK\*II\*V\*SSRA\*TIRSSTHQGKEKSGAKRKKSSGSNRSYVPWVLGSSRKHYGRSVPDADGTGQXIIVWYSATAEQFAESY\*GATTHVAAHSLGHQAAPGKSPGCGKIPKGSTAPRDLGVLWKAHLHH\*CTLE\*\*LE\*\*NSESDLG\*HDLDAVGKRN\*QLHKRNIQLN\*RSAEPARKE\*TRLIGIG\*VGQLVELV\*HNTMAVVHKNIHNDSRRLDRFKNNFCCAFYSK\*S\*AGIFTIVIADPPPNPEGTRQARRNRRRRWRERQRHINAI

>B.2005.AB428557.-

MEPVDPSLEPWQHPGSRPRTACNNCYCKKCCWHCQVCFMSKALGISYGRKKRRQRRRPPKDGQTHXVPPPKQ\*VVDVMQPLEIYSIVALVVVAIIAIIVWTIVFIEYKKILKQRRIDRLIDRIRERAEDSGNESEGDQEELLVEMGHHAPWDVDDL\*CCRQIVGHSLLWSTCVERSNYHPILCIRC\*SI\*NRDA\*CLGHTCLCTHRPQPTRSIIEKCDRKF\*HVEK\*HGRTDAGGCNQFVGSKPKAMCRTNPTLCYFKLH\*L\*WY\*YK\*YSYQ\*\*\*\*\*GGXDGERRNKKLHF\*YHHQHRR\*AERXCXLL\*X\*SSTNR\*\*K\*\*LL\*XXKL\*HLSH\*TSLSKGIF\*ANSHTLLYPGWFCXSKV\*\*\*GIQWNRAMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRXSN\*VCQFLGQW\*NHNSPAK\*NCRN\*LYKTQQQYKKRYTXRTRESXVCNRXXNRRYKESTL\*H\*WNTMEXNFKPNS\*KIKRTIWGX\*NHKISAILRRGPRNCNA\*X\*LWRGIFLL\*YIITV\*LEYYWVKYY\*WDNYYPMQNKTNYKHVAESRKSNVCPSHXXTN\*LCIKYYRVAINKRWW\*PXW\*PDW\*PD\*V\*\*Y\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGXNRSYVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALE\*\*LE\*\*KSESDLG\*HDLDAVGKRN\*QLHRRNIQXN\*RSAEPARKE\*TRLIGIG\*VGQFVELV\*HNKLAVVHKNIHNDSRRLDRFKNSFCCTFYSK\*S\*AGILTIVIADPPPGPEGTRQARRNRRRRWRERQRHIRAI

>B.2003.AB428558.-

MEPVDPKLEPWKHPGSRPRTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRPRRRTPQDSETHQDSLSKQ\*VVHVMPSLQVLTILAIVALVVAAILAIVVWTIVLIEYRKILKQRKIDRLIDRISERAEDSGNESEGDQEELSALMEMGYHAPWDVNDM\*CCRTIVGYSLLWGTCVERSNHHFILCIRC\*SI\*HRGT\*CMGHTCLCTHRPQPTRSKVGKCDRRF\*HMGK\*HGRTDA\*RCNQFMG\*KLKAMCKINPTLCYFRLH\*CWEYY\*YQW\*\*YQ\*Y\*\*DKNGKRRNKKLLFQYHHNNKR\*GAERKRTFL\*T\*CSTNRW\*\*\*Y\*\*\*C\*CQL\*VNKL\*HHSHYTGLSKDIL\*ANSHTLLYPGWFCASKV\*\*\*RVQWKRKMY\*CQHSTMYTWN\*ASSINSPAVKWQSSRKRGSNYI\*KFLS\*Y\*NHNSTAERIYSN\*LYKTQQQHKKRCTFRTRASNIYNRSHNRRYKTSIL\*H\*\*RKME\*HFKTGSYKIKRNI\*QCNNNIL\*SILRRRSRNCNAQL\*LWRGIFLLQYNRTV\*\*YLD\*WY\*DNQHYVKWHYHTPM\*NKTNYKHVAESRKSNV\*PSHRRTN\*MFIKYYRDIISERWW\*\*QYDQRNLQTWRREYKRQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKRSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGH\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISR\*NLG\*HDLDRVGKRNRQLHRLNIQLT\*KISEPTRKK\*TRIIGIGQLGKLVELV\*HIKMAVVYKXIHNDSRRLSRFKNSFYCTFYSK\*S\*AGIFTTIISDPLPSPEGRTRQARRNRRRRWRERQRQIRFI

>B.2004.AB428559.-

MEPVDPKLEPWKHPGSRPRTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRPRRRTPQDSETHQDSLSKQ\*VVHVMPSLQVLTILAIVALVVAAILAIVVWTIVLIEYRKILKQRKIDRLIDRISERAEDSGNESEGDQEELSALMEMGYHAPWDVNDM\*CCRAIVGYSLLWGTCVERSNHHFILCIRC\*SI\*HRGT\*CMGHTCLCTHRPQPTRSKVGKCDRRF\*HMGK\*HGRTDA\*RCNQFMG\*KLKAMCKINPTLCYFRLH\*CWEYY\*YQW\*\*YQ\*Y\*\*DKSGKRRNKKLLFQYHHNNKR\*GAERKRTFL\*T\*CSTNRW\*\*\*Y\*\*\*C\*CQL\*VNKL\*HHSHYTGLSKDIL\*ANSHTLLYPGWFCASKV\*\*\*RVQWKRKXY\*CQHSTMYTWN\*ASSINSPAVKWQSSRKRGSNYI\*KFLS\*Y\*NHNSTAERIYSN\*LYKTQQQHKKRCTFRTRASNIYNRSHNRRYKTSIL\*H\*\*RKME\*HFKTGSYKIKRKI\*QCNNNIL\*SILRRRSRNCNAQL\*LWRGIFLLQYNRTV\*\*YLD\*WY\*DNQHYVKWHYHTPM\*NKTNYKHVAESRKSNV\*PSHRRTN\*MFIKYYRDIISERWW\*\*QYDQRNLQTWRREYKRQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKRSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGH\*XATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISR\*NLG\*HDLDRVGKRNRQLHRLNIQLT\*KISEPTRKK\*TRIIGIGQLGKLVELV\*HIKMAVVYKNIHNDSRRLSRFKNSFYCTFYSK\*S\*AGIFTTIISDPLPXPEGRTRQARRNRRRRWRERQRQIRFI

>B.2005.AB428560.-

MEPVDPKLEPWKHPGSRPRTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRPRRRTPQDSEXHQDSLXKQ\*VVHVMPSLQVLTILAIVALVVAAILAIVVWTIVLIEYRKILKQRKIDRLIDRISERAEDSGNESEGDQEELSALMEMGYHAPWDVNDM\*CCRTIVGYSLLWGTCVERSNHHFILCIRC\*SI\*HRGT\*CMGHTCLCTHRPQPTRSKVEKCDRRF\*HMGK\*HGRTDA\*RCNQFMG\*KLKAMCKINPTLCYFRLX\*CWEYY\*YXW\*\*YQ\*X\*\*DKNGKRRNKKLLFQYHHNNKR\*XAERKRTFL\*T\*CSTNRW\*\*\*Y\*\*\*C\*CQL\*VNKL\*YHSHYTGLSKDIL\*ANSHTLLYPGWFCASKV\*\*\*RVQWKRRMY\*CQHSTMYTWN\*ASSINSPAVKWQSSRRXGSN\*I\*KFLS\*Y\*NHISTAERXYSN\*LYKTQQQHKKRCTFRTRASNIYNRSHNRRYKTSXL\*H\*\*RKME\*HFKTGSYXIXKNIYXCNNNSL\*SILRRRSRNCNAQL\*LWRGIFLLQYNRTV\*\*YLD\*WY\*XNQHYVKWHYHTPM\*NKTNYKHVAESRKSNV\*PSHRRTN\*MFIKYYRDIISERWW\*\*QYDQRNLQTWRRXYERQLEK\*XI\*I\*SSKN\*TFRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAEGH\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLQHCCALEY\*LE\*\*ISR\*NLE\*HDLDXVGKRNRQLHRLNIRLT\*KISEPTRKK\*TRIIGIGQLGKLVELVXHIKMAVVYKNIHNDSRRLSRFKNSFYCTFYSK\*S\*AGIFTTIISDPLPSPEGRTRQARRNRRRRWRQRQRQIRFI

>B.2006.AB428561.-

MEPVDPKLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRPRRRTPQDSETHQGPLSKQ\*VVHVMLPLHIVAIVALVVAAILAIVVWTIVLIEYRRILRQRKIDRLIDRISERAEDSGNESEGDQEELSALMEMGYHAPWHVNDM\*CYRTIVGYSLLWGTCVERSNHHFILCIRC\*SI\*HRGT\*CMGHTCLCTHRPQPTRSKVGKCDRRF\*HMGK\*HGRTDA\*RCNQFMG\*KLKAMCKINPTLCYFRLH\*CWKYY\*YQW\*\*YH\*Y\*\*DKNGKRRNKKLLFQYHHNNKR\*GAERKRTFL\*T\*CSTNRW\*\*\*Y\*\*\*C\*CQL\*VNKL\*HHSHYTGLSKDIL\*ANSHTLLYPGWFCASKV\*\*\*RVQWKRKMY\*CQHSTMYTWN\*ASSINSPAVKWQSSRKRGSN\*I\*KFLS\*Y\*NHNSTAERIYSN\*LYKTQQQHKKRCTFRTRASNIYNRNHNRRYKTSIL\*H\*\*RKMG\*HFKTGSYKIKRKI\*QCNNNIL\*SILRRRSRNCNAQL\*LWRGIFLLQYNRTV\*\*YLD\*WY\*DNQHYVKWHYHTPM\*NKTNYKHVAESRKSNV\*PSHRRTN\*MFIKYYRDIISERWW\*\*\*YDQRNLQTWRREYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKRSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGH\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISR\*NLG\*HDLDRVGKRNRQLHKFNIQLT\*KISEPTRKK\*TRIIGIGQLGKLVELV\*HIKMAVVYKNIHNDSRRLSRFKNSFYCIFYSK\*S\*AGIFTTIISDPLPSPEGRTRQARRNRRRRWRERQRQIRFI

>B.2006.AB428562.-

MEPVDPKLEPWKHPGSRPRTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRPRRRPPQDSETHQGSLSKQ\*VVHVMPSLQVLPILAIVALVVAAILAIVVWTIVLIEYKKILKQRKIDRLIDRISERAEDSGNESEGDQEELSTLMEMGYHAPWDVNDM\*CCRTIVGYSLLWGTCVERSNHHFILCIRC\*SI\*HRGT\*CMGHTCLCTHRPQPTRSRVEKCDRRI\*HMGK\*HGRTDA\*RCNQFMG\*KLKAMCKINPTLCYFRLH\*CWKYY\*YQW\*\*SQ\*\*\*DKNGKGRNKKLLFQYHHNNKRQGAERKRTFL\*T\*CSTNRW\*\*\*Y\*\*\*C\*CQL\*VNKL\*YHSHYTGLSKGIL\*ANSHTLLYPGWFCAFKV\*\*\*RVQWKRRMY\*CQHSTMYTWN\*ASSINSPAVKWQSSRRKGSN\*I\*KFLR\*YCNHNSTAERIYSN\*LYKTQQQHKKRCTFRTRASNIYNRSHNRRYKTSTL\*H\*\*RKME\*QSRTGSYKIKRKI\*QCNKNSL\*ATLRRRSRNCNAQL\*LWRGIFILQYNRAV\*\*YLD\*WY\*GNQHYVKWHYHTPM\*NKTNYKHVAESRKSNV\*PSHRRTN\*MFIKYYRDIISERWW\*\*QYDHRNLQTWRREYERQLEK\*II\*I\*SSKN\*TFRSSTHQGKKKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAEGH\*GATAYVATHSLGHQAAPGKGPGCGKIPKGSTAPRNLGLLWKTHLQHCCALEY\*LE\*\*ISR\*NLG\*HDLDTVGKRNRQLHKLNIRLT\*KISEPTRKK\*TRIIKIGQLGKLVELV\*NIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSK\*S\*AGIFTTIISDPLPSPEGRTRQARRNRRRRWRQRQRQIQFI

>B.2004.AB480692.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFMKKGLGISYGRKKRRPRRRTPQGSPTHQVSLSKQ\*VAHVMLSLTILAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSTLMEMGHHAPWDVNDM\*GYKTIVGYSLLWGTCVERSNHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSMVGKCDRRV\*HMGK\*HGRTDA\*RYNQFMGSKLKAMCKINPTLYYFTMH\*C\*LYQW\*\*YQ\*CA\*\*YQ\*\*C\*GKRRDKKLLFQCHHINKR\*GAERIRTF\*\*T\*CSTNK\*W\*EC\*\*\*K\*YQFYFNTL\*YLGHYTGLSKDVL\*ANSHTLLYPSWFCASKV\*\*\*DVQWKRAM\*QCQHSTMYTWN\*ASSVNSIAVKWQSSRRRGST\*IKKFHR\*C\*NHNSTAERICNN\*LYKTQQQHKKKYTYRTRESILYSRRYKTSTL\*H\*\*KRLE\*HFKTCSYKIRRKI\*YNNNSLSATCQRRRPRNYNAQL\*LWRGIFLLQYITTV\*\*YLD\*WYWE\*YLE\*Y\*GS\*KVR\*HYHTPM\*NKTNYKHVADSRKSNVCPSH\*RTN\*MFIKNYRALISERWWYE\*DGQQRNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TNRSSTHRGKEKSGAEREKSSRNRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAESH\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*K\*IP\*\*DLA\*HDLDKVGKRN\*QLHRLNILLT\*GIAEPTRKE\*TRLIEIR\*LGKFVELV\*HIKMAVVHKDIHNDSRRLNRFKNSFCCTFYSK\*S\*AGIFTIIISDPLPSPEGTTRRTRRNRRRRWRERQRQIHSI

>B.2004.AB480693.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFMKKGLGISYGRKKRRPRRRTPQGSPTHQVSLSKQ\*VAHVMLSLTILAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSTLMEMGHHAPWDVNDM\*GYKTIVGYSLLWGTCVERSNHHFILCIRC\*SI\*HRGS\*CLGHTCLCTHRPQPTRSMVGKCDRRV\*HMGK\*HGRTDA\*RYNQFMGSKLKAMCKINPTLYYFTMH\*C\*LYQW\*\*YQ\*CA\*\*YQ\*\*C\*GKRRDKKLLFQCHHINKR\*GAERIRTF\*\*T\*CSTNK\*W\*EC\*\*\*K\*YQFYFNTL\*YLGHYTGLSKDVL\*ANSHTLLYPSWFCASKV\*\*\*DVQWKRAM\*QCQHSTMYTWN\*ASSVNSIAVKWQSSRRRGST\*IKKFHR\*C\*NHNSTAERICNN\*LYKTQQQHKKKYTYRTRESILYSRRYKTSTL\*H\*\*KRLE\*HFKTCSYKIRRKI\*YNNNSLSATCQRRRPRNYNAQL\*LWRGIFLLQYITTV\*\*YLD\*WYWE\*YLE\*Y\*GS\*KVR\*HYHTPM\*NKTNYKHVADSRKSNVCPSH\*RTN\*MFIKNYRALISERWWYE\*DGQQRNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TNRSSTHRGKEKSGAEREKSSRNRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAESH\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*K\*IP\*\*DLA\*HDLDKVGKRN\*QLHRLNILLT\*GIAEPTRKE\*TRLIEIR\*LGKFVELV\*HIKMAVVHKDIHNDSRRLNRFKNSFCCTFYSK\*S\*AGIFTIIISDPLPSPEGTTRRTRRNRRRRWRERQRQIHSI

>B.2004.AB480694.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRAPQDSKTHQVPLPKQ\*VVHVMQPLEIYAIVGLVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CCRKENVGHSLLWGTCVERSHYHSILCIRC\*SI\*YRGP\*CLGHTCLCTHRPQPTRSRIDKCDRRF\*HVEK\*HGRPDA\*GYN\*FMGSKPKAMCKVNPTLCYFKLHKYYQK\*\*Q\*QY\*\*YHRGWRHEKLLFQYLHRCGR\*GKERICIFL\*T\*CSTNR\*E\*\*\*\*L\*VNKL\*RLSCYTSLSKDIL\*SNSHTLLCPGWFCDSQV\*Q\*DIQWIRTM\*QCQHSTMYTWD\*ASSIYSPVVKWQPSRGRGSN\*I\*KFHKQC\*NHNSTAE\*ICSN\*LYKTQQQYKKKDTYRARESSVYNRSNNRRYKKSIL\*C\*\*SRMELCFKKGSGKTKRTIWE\*\*NNSL\*SILRRGPRNSNAHV\*L\*RGIFLL\*YIRTV\*\*YLGV\*\*YLE\*\*\*Y\*KNRTPMQNKTNCKHVAGSRKSNVCPSH\*RTN\*LFIKYYRAAINKRWWW\*WY\*DLQT\*RRKYEGQLEK\*II\*I\*SSKT\*AFRNSTYSSKEKSGAERKKSSGIRSFVPWVLGSSRKHYGRSVNGADGTDQTIVVWYSATAEQSAEGY\*GATTSVATHSLGHQTAPGKSPGCGKIPKGSTTHGNLGLLWKTHLHH\*CALE\*\*LE\*\*ISR\*YLE\*HDLDAVGKRN\*QLHRFNIQLT\*KITEPAGTK\*KRLVGIR\*MGQFVELV\*YNTLAVVYKNIYYDSRRLDRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPKPKGTRQARRNRRRRWRERQRWIQSI

>B.2004.AB480695.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRAPQDSKTHQVPLPKQ\*VVHVMQPLEIYAIVGLVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CCRKENVGHSLLWGTCVERSHYHSILCIRC\*SI\*YRGP\*CLGHTCLCTHRPQPTRSRIDKCDRRF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCLFKLHKYYQK\*\*QY\*\*QPDYYHH\*\*YH\*W\*\*YHRGWRHEKLLFQYFHRCGR\*GEERICIFL\*T\*YSTNR\*ER\*\*\*L\*VNKL\*RLSRYTSLSKDIL\*SNSHTLLCPGWFCDSKV\*Q\*DIQWIRTM\*QCQHSTMYTWD\*ASSIYSPVVKWQPSRGRGSN\*I\*KFHKQC\*NHNSPAE\*ICNN\*LYKTQQQYKKKDTYRARESSVYNRSNNRRYKKSIL\*C\*\*SRME\*CFKKGSGKTKRTIWE\*\*NNSL\*SILRRGPRNSNAHV\*L\*RGIFLL\*YIRTV\*\*YLGV\*\*YLE\*\*\*Y\*KNRTPMQNKTNCKHVAGSRKSNVCPSH\*RTN\*LFIKYYRAAINKRWWW\*WY\*DLQT\*RRKYEGQLEK\*II\*I\*SSKT\*AFRNSTYSSKEKSGAERKKSSGIRSFVPRVLGSSRKHYGRSVNGADGTDQTIVVWYSATAEQSAEGY\*GATTSVATHSLGH\*AAPGKSPGCGKIPKGSTTHGNLGLLWKTHLHH\*CALE\*\*LE\*\*ISR\*YLE\*HDLDAVGKRN\*QLHRHNILLT\*KITKPARTE\*KGLVRIR\*MGQFVELV\*HNTLAVVYKNIHYDSRRLDRFKNNFYCTFYSK\*S\*EGILTIIVSDPPPKPKGTRQARRNRRRRWRERQRWIQSI

>B.2004.AB480696.-

MEPVDPSLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFTRKALGISYGRKKRRQRRRSPQDSQTHQVPLSKQ\*VVHVMQSLYILAIVALVVAAILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSGLMEMGHDAPWVIDDL\*CYRTLVGHSLLWGTCVERSKHHSILRIRC\*II\*DRDA\*CLGHTCLCTHRPRPTRSKLGKCDRKF\*HVEKQHGRTDA\*GYN\*FMGSKPKAMCKTNPNLCHFKLH\*\*YLEWECY\*CPYQWE\*LGRDERRNEKLLFQYYYTHKKGVEERICTLL\*P\*YSTNR\*YQLWVEKL\*HLSHYTVLSKSIL\*ANSHTLLYPGWFCASQV\*R\*EV\*WNRTMPRCQYSAMYTWN\*ASSINSIAVKWQSSRRRDSN\*IRKYHGQY\*NHNSTADQICRN\*VYKAQQQYNKRYTYRTRESILCNRKNNRRYKTSTL\*C\*\*\*KLD\*HFKTGS\*KIRRTLSK\*KHNFQSLLRRGPRNSNAQF\*LWRGIFLL\*HISTV\*\*YLE\*\*HLVCKWH\*RVK\*H\*\*KYHTPMQNKTIYKHVAGSRKSNICPSY\*RTN\*LFIKYYRAAINKRRW\*R\*RN\*QPD\*NLQTWRRGYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGGERKKSNRGNRSFVPWVLGSSRKHYGRSVTDADGTGQTIIDWYSATAEQFAEGY\*GATASVAAHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*IS\*FHLGKHDLDAVG\*RN\*QLHKLNIQLT\*KSAKPARKE\*TRIIGIR\*MDKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNIFCCTFCSE\*S\*AGILTLAVSDPPPSPEGTRQARRNRRRRWRKKQGQIRKI

>B.2004.AB480697.-

MEPVDPSLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFTRKALGISYGRKKRRQRRRSPQDSQTHQVPLSKQ\*VVHVMQSLQILAIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSGLMEMGHDAPWVIDDL\*CYRTLVGHSLLWGTCVERSKYHSILCIRC\*II\*DRDA\*CLGHTCLCTHRPRPTRSKLGKCDRKF\*HVEK\*YGRTDA\*GCH\*FMGSKPKAMCKTNPNLCYFKLH\*\*YLEWECY\*CPYQWE\*LGRDERRNEKLLFQYYHTHKKGVEERICTLL\*P\*YSTNR\*YQLWVKKL\*HLSHYTVLSKGIL\*ANSHTLLYPGWFCAFKV\*R\*EVQWNRTMRRCQYSTMYTWN\*ASSINSTAVKWQSSRRRNSN\*IRKYHGQY\*NHNSTADQICRN\*VYKAQQQYNKRYTYRTRESILCNRKNNRRYKTSTL\*C\*\*\*KLD\*HFKTGS\*KIRRTLSK\*KHNLQSLLRRGPRNSNAQF\*LWRGIFLL\*HISTV\*\*YLE\*\*HLVCKWH\*RVK\*H\*\*KYHPPMQNKTIYKHVAGSRKSNICPSY\*RTN\*LFIKYYRAAINKRWW\*R\*RN\*QPD\*SLQTWRRGYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGGKRKKSNRGNRSFVPWVLGSSRKHYGRSVTDADGTGQTIIDWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*IS\*FHLE\*HDLDAVG\*RN\*QLHKLNIQLT\*KSAKPARKE\*TRIIGIR\*MGKLVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFCCTFCSE\*S\*AGILTLAVSDPPPSPEGTRQARRNRRRRWRKKQGQIREI

>B.1998.AB480698.-

MDPVDPRLEPWKHPGSQPKTECTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRPPQNSQIHQVPLSKQ\*VVHVMPPLHIYAIVALVVVAIIAIVVWTIVFIEYRKIRKQRKIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHHAPWDVDDL\*YYRKIVGHSLLWGTCVERSNYHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSRIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYFKLH\*LEVKLH\*\*\*\*YPE\*\*\*\*\*YPE\*\*L\*WEY\*\*YP\*\*\*\*FGKNRCRRSKKLFFQCHHRHKR\*DKERICTFLYT\*YNASK\*YKLYIDKL\*HLSH\*TSLSKDII\*TNSHTLLYPGWFCDSKV\*\*\*EIQWNRTM\*KC\*HSTMYTWN\*ASSVNSTAVKWQSSRRRDNN\*ICKFLKQC\*KHNSTAE\*IYTN\*LYKTPQQYKKKYIFYTRECICCNRKHNRRYKTSTL\*H\*\*RKME\*HLRKDSYKIKRTI\*E\*NNSL\*ATHRRGPRNCNAQL\*LWRGILLL\*YNTAV\*\*YLAV\*WY\*E\*YYRVR\*H\*DHTPVQNKTNYK\*MAGSRKSNVCPSHQWTN\*MYIKYYRDDNNKRWWYQ\*HARRRDLQTSRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNIRSYVPWVLGSSRKHYGRSVADADGTGQTIIVWYSATAKQHAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISKYNMGQHDLDAVGKRN\*QLHRHNIQLT\*RIAKPTRKE\*KRLIGIG\*VGQFVELV\*YITMAVVYKNIHNDSRRFNRFKNNFYCTFYSE\*S\*AGILTIIVPDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.1991.AB485638.-

MEPVDPRLEPWKHPGSRPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGRQTYQVSLSKQ\*VVHVMQSLQIVALVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSTLVEVGHLAPWDIDDL\*C\*KIVGHGLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRRF\*HVEK\*HGRTDA\*GCNQFMGSKSKAMCKINPTLCYFKLH\*SGECY\*YGECY\*YH\*\*\*LGKARERRNKKLLFQYHQKHER\*GRKRICTFL\*T\*CSTNG\*\*\*YQL\*VDKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWFCDSKM\*R\*EVQWNRTMQKC\*HSTMYTWN\*ASSINSTAVKWQSSRRRGSG\*ICQFHKQC\*NHNSTAERICTN\*LHKTQQQYKKKYTYRTRESNLCNRRHNRRYKTSIL\*H\*\*NKME\*HFKADNKKITRTIWEENNSL\*AILRRGPRSGNAQF\*LWRGIFLL\*YNKSV\*\*YLEWY\*RV\*\*YFE\*C\*KHHTPMQNKTNYKHVAGSRKSNVCPSHQRTH\*MCIKHYRAVINKRWGYEQRDQGQRDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQATPGKSPSCGKIPKGSTAPGDLGLLWKAHLHHCCALE\*\*LE\*\*NYGSDLE\*HDLDGLGKGN\*QLHKLNIQLN\*RIAKPTRQE\*TGIIRIR\*VGKFVELV\*HNELAVVYKNIHNDNRRLGRFKNSFCCSFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRTRQRQIRSI

>B.1991.AB485639.-

MEPVDPRLEPWKHPGSRPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGRQTYQVSLSKQ\*VVHVMQSLQIVALVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSTLVEVGHLAPWDIDDL\*C\*KIVGHGLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRRF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCKINPTLCYFKLH\*SGECY\*YGECY\*YH\*\*\*LGKARERRNKKLLFQYHQKHER\*GRKRICTFL\*T\*CSTNG\*\*\*YQL\*VDKL\*HLSRYTGLSKSIL\*ANSHTLLCPGWFCDSKM\*R\*EVQWNRTMQKC\*HSTMYTWN\*ASSINSTAVKWQSSRRRGSG\*ICQFHKQC\*NHNSTAERICTN\*LHKTQQQYKKKYTYRTRESNLCNRRHNRRYKTSIL\*H\*\*NKME\*HFKADNKKITRTIWEENNSL\*AILRRGPRSGNAQF\*LWRGIFLL\*YNKSV\*\*YLEWY\*RV\*\*YFE\*C\*KHHTPMQNKTNYKHVAGSRKSNVCPSHQRTH\*MCIKHYRAVINKRWGYEQRDQGQRDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQATPGKSPSCGKIPKGSTAPGDLGLLWKAHLHHCCALE\*\*LE\*\*NYGSDLE\*HDLDGLGKGN\*QLHKLNIQLN\*RIAKPTRQE\*TGIIRIR\*VGKFVELV\*HNELAVVYKNIHNDNRRLGRFKNSFCCSFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRTRQRQIRSI

>B.1991.AB485640.-

MEPVDPRLEPWKHPGSRPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGRQTYQVSLSKQ\*VVHVMQSLQIVALVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSTLVEVGHLAPWDIDDL\*C\*KIVGHGLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRRF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCKINPTLCYFKLH\*SGECY\*YGECY\*YH\*\*\*LGKARERRNKKLLFQYHQKHER\*GRKRICTFL\*T\*CSTNG\*\*\*YQL\*VDKL\*HLSRYTGLSKSIL\*ANSHTLLCPGWFCDSKM\*R\*EVQWNRTMQKC\*HSTMYTWN\*ASSINSTAVKWQSSRRRGSG\*ICQFHKQC\*NHNSTAERICTN\*LHKTQQQYKKKYTYRTRESNLCNRRHNRRYKTSIL\*H\*\*NKME\*HFKADNKKITRTIWEENNSL\*AILRRGPRSGNAQF\*LWRGIFLL\*YNKSV\*\*YLEWY\*RV\*\*YFE\*C\*KHHTPMQNKTNYKHVAGSRKSNVCPSHQRTH\*MCIKHYRAVINKRWGYEQRDQGQRDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQATPGKSPSCGKIPKGSTAPGDLGLLWKAHLHHCCALE\*\*LE\*\*NYGSDLE\*HDLDGLGKGN\*QLHKLNIQLN\*RIAKPTRQE\*TGIIRIR\*VGKFVELV\*HNELAVVYKNIHNDNRRLGRFKNSFCCSFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRTRQRQIRSI

>B.1990.AB485641.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQTHQVSLSKQ\*VVHVMQPLVILAIVALVVAAILAIVVWSIVFIEYRKILRQRKIDKILNRILERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRIGKCDRKF\*HVEK\*HGRTNAGGYNQFMGSKPKAMCKTNPTLCYFKLH\*LY\*YH\*YH\*YQ\*YR\*WGKDGQGGNKKLLFQYHHKHKK\*DAEHICTFL\*T\*CRTNR\*K\*EYY\*I\*VNKLQQLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWNRTM\*\*GQHSTMYTWN\*ASSINSTTVKRQSSRRRGSN\*I\*KFHGQC\*NHISTAERTSRN\*LYKTQQQGKKTYTYRTRENILYRKNSRRYKTSIL\*H\*\*S\*ME\*HFKPDSYKIKRN\*TI\*E\*NNSL\*SILRRGPRNCNAQF\*L\*RGIFLL\*FNTTV\*QYLE\*YLEC\*\*KIK\*HYNTQTPMQNKTICKHVAGSRKSNVCPSHRWAN\*LFIKYYRITINKRWW\*\*HKRD\*DLQTWRRRYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVTDADGTSQTITVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*IS\*\*HLE\*HDLDAVGKRN\*\*LHRLNIHLN\*RIAKPTRKE\*TRIIGIR\*MGKFVGLV\*HNTVAVVYKNIHNDSRRFNRFKNSFCCTFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRAI

>B.1990.AB485642.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQTHQVSLSKQ\*VVHVMQPLVILAIVALVVAAILAIVVWSIVFIEYRKILRQRKIDKILERIAERAEDSGNESEGDQEELSALVEMGHHVEMGHDAPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRIGKCDRKF\*HVEK\*HGRTNAGGYNQFMGSKPKAMCKTNPTLCYFKLH\*YQ\*\*Q\*YH\*YQ\*SYYRGKDGQGGNKKLLFQYHHKHKK\*DAKHICTFL\*T\*CRTNR\*K\*EYY\*I\*VNKL\*QLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWNRTM\*\*GQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*I\*KFHGQC\*NHISTAERTSRN\*LYKTQQQGKKTYTYRTRENILYRKNSRRYKTSIL\*H\*\*S\*ME\*HFKPDSYKIKRN\*TI\*E\*NNSL\*SILRRGPRNCNAQF\*L\*RGIFLL\*FNTTV\*QYLE\*YLEC\*\*NIK\*HCNTQTPMQNKTICKHVAGSRKSNVCTSHRWAN\*LFIKYYRVTINKRWW\*\*HK\*D\*DLQTWRRRYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAKRKKSSGNRSCAPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*IS\*\*HLE\*HDLDAVGKRN\*QLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVGLV\*HNKMAVVY\*NIHNDSRRFNRFKNSFCCTFYSK\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRAI

>B.-.AB564744.-

MEPVDPRLEPWKHPGSQPKTPCTPCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLPEQ\*VVNVMQSLQIAAIAALIVVAIIAIVVWSIVLLEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*C\*CYRTIVGHSLLWGTCVERSKHHSLLCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKNGKCNRKF\*HVEK\*HGRADA\*GYNQFMGSKPKTMCKINPTLHYYGLH\*CQEEC\*\*HQYHH\*C\*YH\*RGNGGRRNKKLLFQYHHKHKR\*GAATICTF\*QT\*YGTNK\*\*E\*YKD\*\*L\*VDKM\*HLNHYTGLSKDNL\*ANSHTLLCPGWFCDFKV\*\*\*EIQWNRTMYKRQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHGQC\*NHNSSSE\*ICKN\*LYKTSQQYKNKNDTYRTRESIYWNRHSRKYKTSIL\*H\*WRRMGEHFKKDS\*KIRRTI\*YYKNSL\*PLLRRGPRNCNAQC\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*KGK\*HYGKWHNHTPMQNKTNYTHVARGRKSNVCPSH\*GKH\*LLIKYYRAAINKRWG\*\*\*QDRGRARDLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEESGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDTDGTGQTIIVWYSATAK\*FAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGPTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISEYNLE\*HDMDGVGKRN\*QLYRLNIQLN\*KIADPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.-.AB564745.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLPEQ\*VVNVMQSLQVAAIVALVAVAIIAIVVWTIVLLEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*C\*CYRTIVGHSLLWGTCVERSKHHSTLCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKNGKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKTMCKINPTLHYYGLH\*CQEEC\*\*HQYHH\*C\*YH\*RGNGGRRNKKLLFQYHHKHKR\*GAATICTF\*QT\*YGTNK\*\*\*\*YKD\*\*L\*VDKM\*HLNHYTGLSKDNL\*ANSHTLLCPGWFCDFKV\*\*\*EIQWNRTMYKRQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHGQC\*NHNSSSE\*ICKN\*LYKTSQK\*NKNDTYRTRESIYWNRHSRKYKTSIL\*H\*WRRMGEHFKKDS\*KIRRTI\*YYKNSL\*PLLRRGPRNSNAQC\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*KGK\*HYGKWHNHTPMQNKTNYTHVARGRKSNVCPSHRRKH\*LLIKYYRAAINKRWGY\*EREQARDLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEESGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDTDGTGQTIIVWYSATAK\*FAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISEYNLE\*HDMDGVGKRN\*QLYRLNIQLN\*KIADPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.-.AB564746.-

MEPVDPRLEPWKHPGSQPKTPCTPCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLPEQ\*VVNVMQSLQVAAIVALVAVAIIAIVVWTIVLLEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*C\*CYRTIVGHSLLWGTCVERSKHHSLLCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKNGKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKTMCKINPTLHYYGLH\*CQGEC\*\*HQYHH\*\*\*QYH\*RGNGGRRNKKLLFQYHHKHKR\*GAATICTF\*\*T\*YGTNK\*\*\*\*YKE\*\*I\*VDKM\*HLNHYTGLSKGNL\*ANSHTLLCPGWFCDFKV\*\*\*EIQWNRTMYKRQHSTMYTWN\*ASSINSTAVKWQSSRRRGSH\*I\*KFHGQC\*NHNSSSE\*ICKN\*LYKTSQK\*NKNDTYRTRESIYWNRHSRKYKTSIL\*H\*WRRMGEHFKKDS\*KIRRTI\*YYKNSL\*PLLRRGPRNCNAQC\*LWWGIFLL\*YNKTV\*\*YLE\*Y\*KGK\*HYGKWHNHTPMQNKTNYTHVARGRKSNVCPSHRRKH\*LLIKYYRAAINKRWRY\*EPDREQDRDLQTDRRKYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDTDGTGQTIIVWYSATAK\*FAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGVLWKTHLHHYCALEC\*LE\*\*ISGYNLE\*HDMDAVGKRN\*QLYKLNIQLN\*KIADPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.-.AB565478.-

MEPVDPRLEPWKHPGSQPRTNCTKCYCKKCCFHCQVCFLRKGLGISYGRKKRRQRRRASEDSQDHQVSLSKQ\*VVYVMLSLQIVSIVALVIVAIIAIVVWTIVGIEYRKILRQRKIDRLIDRISRKSRDSGNGSEGDQEAIIELLVEMGHHAPWDVDDL\*C\*RTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGYTCLCTHRP\*PTRSRIKKCDRKF\*HVEK\*YGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEE\*YC\*\*QQYC\*\*Q\*Y\*LGMDR\*RNDKLLFQCHHNYKK\*DEERICTFL\*T\*CSTNRYR\*YKLYVDTL\*HLSHYTGLSKSIL\*TNSHTLLYPSWFCASKV\*\*\*KVQWKRTM\*KCQHSTMYTWN\*ASSVNSATVKWQSSRRRGSN\*N\*KFHKQC\*NHNSTAESNCRN\*LYKTQQQYKKKYTYGTREVERTLCNRSYSRRYKTSTL\*P\*\*TRLGKDFKKDSYKIKRTI\*YNKKHYL\*RILRRGPRNYNAQF\*LWRGIFLL\*YNKAV\*\*YLVY\*WE\*D\*RIK\*Q\*HYYTPMQNKTNYKQMAGSRKSNVCPSHPRTNLLLIKYYRTVINKRWW\*QY\*\*RV\*DLQTWRRRYEGQLEK\*II\*I\*SSTN\*AIRSSTHQGKEKGGAERKKSSGNRSYVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSATAEQSAESY\*GATAYVATHSLGHQAAPGQSPGCGKIPKGSTAHGDLGLLWKTHLHHCCALEY\*LE\*\*NSKSDMG\*HDLDGVGERN\*QLHRLDIQLN\*RIAEPTRKE\*TRVIGIG\*VGKFVDLV\*HIKLAVVYKNFHNNSRRLNRFKNSFCCTFYSE\*S\*AGILTIIVADPPPSSEGTRQARRNRRRRWRERQRQIGTI

>B.-.AB565479.-

MEPVDPRLEPWKHPGSQPRTNCTKCYCKKCCFHCQVCFLRKGLGISYGRKKRRQRRRASEDSQDHQVSLSKQ\*VVYVMLSLQIVSIVALVIVAIIAIVVWTIVGIEYRRILRQRKIDRLIDRIVERAEDSGNGSEGDQEELSALVEMGHHAPWDVDDL\*C\*RTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGYTCLCTHRP\*PTRSRIKKCDRKF\*HVEK\*YGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEE\*YC\*\*QQYC\*\*Q\*Y\*LGMDR\*RNDKLLFQCHHNYKK\*DEERICTFL\*T\*CSTNRYR\*YKLYVDTL\*HLSHYTGLSKSIL\*TNSHTLLYPSWFCASKV\*\*\*KVQWKRTM\*KCQHSTMYTWN\*ASSVNSATVKWQSSRRRGSN\*N\*KFHKQC\*NHNSTAESNCRN\*LYKTQQQYKKKYTYGTREVERTLCNRSYSRRYKTSTL\*P\*\*TRLGKDFKKDSYKIKRTI\*YNKKHYL\*RILRRGPRNYNAQF\*LWRGIFLL\*YNKAV\*\*YLVY\*WE\*D\*RIK\*Q\*HYYTPMQNKTNYKQMAGSRKSNVCPSHPRTNLLLIKYYRTVINKRWW\*QY\*\*RV\*DLQTWRRRYEGQLEK\*II\*I\*SSTN\*AIRSSTHQGKEKGGAERKKSSGNRSYVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSATAEQSAESY\*GATAYVATHSLGHQAAPGQSPGCGKIPKGSTAHGDLGLLWKTHLHHCCALEY\*LE\*\*NSKSDMG\*HDLDGVGERN\*QLHRLDIQLN\*RIAEPTRKE\*TRVIGIG\*VGKFVDLV\*HIKLAVVYKNFHNNSRRLNRFKNSFCCTFYSE\*S\*AGILTIIVADPPPSSEGTRQARRNRRRRWRERQRQIGTI

>B.-.AB565495.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRPRRRAPQDSQTHQVPLPKQ\*VVHVMLSLQILAIVALVVVALIAIVVWSIVLIEYRRILRQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNNM\*CYRTIVGYSLLWGTCVERSNHHFILCIRC\*SI\*HRET\*CLGHTCLCTHRPQPTRSIDGKCDRRF\*HMGK\*HGRTDA\*RYNQFMGPKLKAMCKVNPTLCYVKLHGC\*DQSYQW\*\*\*YWYQW\*\*\*FLKRRNEKLLFQYHHNNKR\*GAERICAFL\*T\*FSANR\*\*Q\*N\*YQL\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCSSKM\*Q\*NVQWKRTMYQCQHSTMYTWN\*ASSVNSTAIKWQSSRRRGSN\*IPKFHR\*C\*NHNSTAERICRN\*LYKAQQQHKKKYPHRTRTSILYNRRNNRRYKTSTL\*HQ\*NSME\*HFKTGS\*KIKRKI\*YNNNL\*SILRRRPRNCNAQLYLWRGIFLLQYKTTV\*\*YLG\*\*YLE\*\*Y\*E\*YS\*REYHTPM\*NKTNYKHVANSGKSNVCPSHQRTN\*MFIKYYRAIIRERWW\*QYGHRNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TSRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLYHCCALEY\*LE\*\*ISR\*YLE\*HDLDKVGKRN\*\*LHKLNILLT\*RITEPTRKE\*TRIIGIR\*LGKFVELV\*HIKLAVVYKDIHNDSRRLSRFKNSFCCTFYSK\*S\*AGIFTTIISDPLPNPEGTRQARRNRRRRWRERQRRIISI

>B.-.AB565496.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRPRRRAPQDSQTHQVPLPKQ\*VVHVMLSLQILAIVALVVVALIAIVVWSIVLIEYRRILRQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNNM\*CYRTIVGYSLLWGTCVERSNHHFILCIRC\*SI\*HRET\*CLGHTCLCTHRPQPTRSIDGKCDRRF\*HMGK\*HGRTDA\*RYNQFMGPKLKAMCKVNPTLCYVKLHGC\*DQSYQW\*\*\*YWYQW\*\*\*FLKRRNEKLLFQYHHNNKR\*GAERICAFL\*T\*FSANR\*\*Q\*N\*YQL\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCSSKM\*Q\*NVQWKRTMYQCQHSTMYTWN\*ASSVNSTAIKWQSSRRRGSN\*IPKFHR\*C\*NHNSTAERICRN\*LYKAQQQHKKKYPHRTRTSILYNRRNNRRYKTSTL\*HQ\*NSME\*HFKTGS\*KIKRKI\*YNNNL\*SILRRRPRNCNAQLYLWRGIFLLQYKTTV\*\*YLG\*\*YLE\*\*Y\*E\*YS\*REYHTPM\*NKTNYKHVANSGKSNVCPSHQRTN\*MFIKYYRAIIRERWW\*QYGHRNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TSRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLYHCCALEY\*LE\*\*ISR\*YLE\*HDLDKVGKRN\*\*LHKLNILLT\*RITEPTRKE\*TRIIGIR\*LGKFVELV\*HIKLAVVYKDIHNDSRRLSRFKNSFCCTFYSK\*S\*AGIFTTIISDPLPNPEGTRQARRNRRRRWRERQRRIISI

>B.-.AB565497.-

MEPVDPNLEPWKHPGSQPKTACTNCYCKKCCWHCQVCFLKKGLGISYGRKKRRQRRRAPESSQTHQASLSKQ\*VVHVMQYLGILAIVALVVAIILAIVVWSIVFIEYRKILRQRRIERIIDRIRERAEDSGNESDGDQEELSALVDMGHPVLEMGHDAPWNVNDL\*CYRTIVGHSLLWGTCVERSKYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRGSIGKCDRKL\*HVEE\*YGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLYCI\*\*\*Y\*YYC\*NL\*\*WLGNGSK\*RSKKLLFQYYHKHKR\*GADRICTFL\*S\*YSTNR\*\*\*\*YR\*G\*\*\*Y\*I\*\*YI\*VDEL\*HHSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*R\*EVQWNRTM\*KCQYSTMYTWN\*ASSINSITVKWQFGRRRGSS\*IRKFYRQC\*KHNSTAEQICSN\*LYKTQQQYKKRHTYGTRRSTVYNRNNRKYKTGTLQH\*\*SRME\*YFTKDS\*KIRGTI\*QK\*HNSL\*SLLRRGPRNCNAHF\*LWRGIFLL\*YNTTI\*\*YLALELE\*FYLGAE\*Y\*RVK\*Y\*GQNYTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MCIKYYRADINKRWWWCEQNHRDIQTWRREYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNWSYIPWVLGSSRKHYGRSVSDADGTSQTITVWYSATAEQSAAGY\*GATTTVETHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCTLEC\*LEQ\*ISERDMG\*HDLDAVGKRN\*QLYRINIHLT\*KIAEPAGKE\*TRTIGIG\*MGKFMELV\*HNKLAVVYKNIHNDSRRLDRIKNSFYCTFYSK\*S\*EGILTLIVPDPPPSTEGTRQARRNRRRRWRERQSRIRWI

>B.-.AB565498.-

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>B.-.AB565499.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRPRRRAPQDSQTHQVPLPKQ\*VVHVMLSLQILAIVALVVVALIAIVVWSIVLIEYRRILRQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNNM\*CYRTIVGYSLLWGTCVERSNHHFILCIRC\*SI\*HRET\*CLGHTCLCTHRPQPTRSIDGKCDRRF\*HMGK\*HGRTDA\*RYNQFMGPKLKAMCKVNPTLCYVKLHGC\*DQSYQW\*\*\*YWYQW\*\*\*FLKRRNEKLLFQYHHNNKR\*GAERICAFL\*T\*FSANR\*\*Q\*N\*YQL\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCSSKM\*Q\*NVQWKRTMYQCQHSTMYTWN\*ASSVNSTAIKWQSSRRRGSN\*IPKFHR\*C\*NHNSTAERICRN\*LYKAQQQHKKKYPHRTRTSILYNRRNNRRYKTSTL\*HQ\*NSME\*HFKTGS\*KIKRKI\*YNNNL\*SILRRRPRNCNAQLYLWRGIFLLQYKTTV\*\*YLG\*\*YLE\*\*Y\*E\*YS\*REYHTPM\*NKTNYKHVANSGKSNVCPSHQRTN\*MFIKYYRAIIRERWW\*QYGHRNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TSRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLYHCCALEY\*LE\*\*ISR\*YLE\*HDLDKVGKRN\*\*LHKLNILLT\*RITEPTRKE\*TRIIGIR\*LGKFVELV\*HIKLAVVYKDIHNDSRRLSRFKNSFCCTFYSK\*S\*AGIFTTIISDPLPNPEGTRQARRNRRRRWRERQRRIISI

>B.-.AB565500.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRPRRRAPQDSQTHQVPLPKQ\*VVHVMLSLQILAIVALVVVALIAIVVWSIVLIEYRRILRQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNNM\*CYRTIVGYSLLWGTCVERSNHHFILCIRC\*SI\*HRET\*CLGHTCLCTHRPQPTRSIDGKCDRRF\*HMGK\*HGRTDA\*RYNQFMGPKLKAMCKVNPTLCYVKLHGC\*DQSYQW\*\*\*YWYQW\*\*\*FLKRRNEKLLFQYHHNNKR\*GAERICAFL\*T\*FSANR\*\*Q\*N\*YQL\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCSSKM\*Q\*NVQWKRTMYQCQHSTMYTWN\*ASSVNSTAIKWQSSRRRGSN\*IPKFHR\*C\*NHNSTAERICRN\*LYKAQQQHKKKYPHRTRTSILYNRRNNRRYKTSTL\*HQ\*NSME\*HFKTGS\*KIKRKI\*YNNNL\*SILRRRPRNCNAQLYLWRGIFLLQYKTTV\*\*YLG\*\*YLE\*\*Y\*E\*YS\*REYHTPM\*NKTNYKHVANSGKSNVCPSHQRTN\*MFIKYYRAIIRERWW\*QYGHRNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TSRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLYHCCALEY\*LE\*\*ISR\*YLE\*HDLDKVGKRN\*\*LHKLNILLT\*RITEPTRKE\*TRIIGIR\*LGKFVELV\*HIKLAVVYKDIHNDSRRLSRFKNSFCCTFYSK\*S\*AGIFTTIISDPLPNPEGTRQARRNRRRRWRERQRRIISI

>B.-.AB565501.-

MEPVDPSLEPWKHPGSQPKTACNNCYCKRCCLHCQVCFMKKGLGIFYGRKKRRPRRRAHQDSQTDQVSLSKQ\*VVNVMLALTILAIVGLVVAVIIAIVVWTIVFIEYRKIRRQKKIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCKIVGHSLLWGTCVERRNHHSILCIRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRNDIGKCDRKL\*HVEK\*HGRSDA\*RYNQFMG\*KPKAMCKINPTLCYFKLH\*FECY\*Y\*\*YG\*YYQ\*SNGGRRNEKLLFQCYHKHTN\*GERLCTFL\*S\*CNTNR\*FYQL\*VKRV\*HFSHYTSLSKGIL\*ANSYTLLHPGWFCDYKV\*Q\*TVQWIRGM\*KCQYSTMYTWN\*TSSINSTAVKWQFSRRRYST\*I\*QFYRQC\*SYNSTAE\*SYRN\*LYKTQQQYKKKYTYGTRASMVCNRRYNRRYKTSTL\*S\*\*HNME\*HFRTDS\*KIKRTIWEQNNKLSAILRRGPRGCNAHF\*L\*RGIFLL\*YIKTV\*\*FLEY\*WYLEWYYRKWHSHAPLQNKTNCKHVAASRKSNVCPSRCRNN\*MFIKYYRDDINKRWWY\*\*DHRGGDLQTCRRRYEGQLAK\*IV\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSINNADGTGQTIAVWYSATAEKFAESY\*GAAASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NL\*ADLGKHDLDAVGKRN\*QLHRRNIQLN\*SSAKPARKK\*TRIIGIG\*LGKLVELV\*HNKVAVVYKNIHDDSRRLNRFKNSFCCTFYSE\*S\*AGILTIVITDPLPSPGGTRQARRNRRRRWRARQRQIREI

>B.-.AB565502.-

MEPVDPSLEPWKHPGSQPKTACNNCYCKRCCLHCQVCFMKKGLGIFYGRKKRRPRRRAHQDSQTDQVSLSKQ\*VVNVMLALTILAIVGLVVAVIIAIVVWTIVFIEYRKIRRQKKIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCKIVGHSLLWGTCVERRNHHSILCIRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRNDIGKCDRKL\*HVEK\*HGRSDA\*RYNQFMG\*KPKAMCKINPTLCYFKLH\*FECY\*Y\*\*YG\*YYQ\*SNGGRRNEKLLFQCYHKHTN\*GERLCTFL\*S\*CNTNR\*FYQL\*VKRV\*HFSHYTSLSKGIL\*ANSYTLLHPGWFCDYKV\*Q\*TVQWIRGM\*KCQYSTMYTWN\*TSSINSTAVKWQFSRRRYST\*I\*QFYRQC\*SYNSTAE\*SYRN\*LYKTQQQYKKKYTYGTRASMVCNRRYNRRYKTSTL\*S\*\*HNME\*HFRTDS\*KIKRTIWEQNNKLSAILRRGPRGCNAHF\*L\*RGIFLL\*YIKTV\*\*FLEY\*WYLEWYYRKWHSHAPLQNKTNCKHVAASRKSNVCPSRCRNN\*MFIKYYRDDINKRWWY\*\*DHRGGDLQTCRRRYEGQLAK\*IV\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSINNADGTGQTIAVWYSATAEKFAESY\*GAAASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NL\*ADLGKHDLDAVGKRN\*QLHRRNIQLN\*SSAKPARKK\*TRIIGIG\*LGKLVELV\*HNKVAVVYKNIHDDSRRLNRFKNSFCCTFYSE\*S\*AGILTIVITDPLPSPGGTRQARRNRRRRWRARQRQIREI

>B.-.AB604946.-

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>B.-.AB604947.-

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>B.-.AB604948.-

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>B.-.AB604949.-

MEPVDPRLEPWKHPGSQPKTPCTPCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQVSLPEQ\*VIYVMQSLQIAAIIALVVVGIIAIVVWTIVLLEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*C\*CYRTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CVGHTCLCTHRPQSTRSKNGKCNRKF\*HVEK\*HGRSDA\*GYNQFMGSKPKTMCKINPTLHYYGLH\*CHEEC\*\*YQCHH\*C\*YH\*RGNGGRRNKKLLFQYHHKHKR\*GAATICTF\*\*T\*YGTNK\*\*\*\*YKE\*\*I\*VDKM\*HLNHYTGLSKGNL\*ANSHTLLCPGWFCDFKV\*\*\*EIQWNRTMYKRQHSTMYTWN\*ASSINSTAVKWQSSRRRGSH\*I\*KFHGQC\*NHNSPSK\*ICKN\*LYKTSQK\*NKKDTYRTRESIYWNRHRRKYKTSIL\*H\*WRRMGEHFKKDS\*KIRRTI\*YYKNNL\*PLLRRGPRNSNAQC\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*KGK\*HYGKWHNHTPMQNKTNYTHVARGRKSNVCPSHRRKH\*LLIKYYRAAINKRWGY\*EPDREQDRDLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEESGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDTDGTGQTIIVWYSATAKQLAEGYGGATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGYNLE\*HDMDAVGKRN\*QLYKLNIQLN\*KIADPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLDRFKNNFYCTFYSE\*S\*AGILTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.-.AB604950.-

MEPVDPRLEPWKHPGSQPRTNCTKCYCKKCCFHCQVCFLRKGLGISYGRKKWRQRRRAPEDSQDHQVPLPKQ\*VVYVMQSLQIVAIVALVVVAIIAIIVWTIVGIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*C\*RTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGP\*CLGYTCLCTHRP\*PTRGKIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKVH\*FEE\*YC\*\*QQYY\*\*Q\*Y\*LGMGK\*RNDKLLFQCHHRYKK\*EKERICTFL\*T\*CSTNRYS\*YKLTKLYVDTL\*HLSHYTGLSKSIL\*TNSHTLLYPSWFCASKM\*\*\*KVQWKRTM\*KCQHSTMYTRN\*ASSVNSATVKWQSSRRRGSN\*N\*KFHKQC\*NHNSTAE\*NCTNQLHKTQQQYKKKYTYGTREVECTLCNRSYSRRYKTSTL\*P\*WTRLGKDFKKDSCKIKRTI\*YNKKHYL\*RILRRGSRNYNAQF\*LWRGIFLL\*YNKVV\*\*YLVY\*WE\*D\*RTK\*QYHYTPMQNKTNYKQMAGSRKSNVCPSHPRTNLLLIKYYRTVISKRWW\*QY\*\*RV\*DLQTWRRRYEGQLEK\*II\*I\*SSTN\*AIRSSTHQGKEKGGAERKKSSGNRSYIPWVLGSSRKHYGRSVTNADGTGQTIIVWYSAAAEQSAESY\*GATAYVATHSLGHQTAPGQSPSCGKIPKGSTAHGDLGLLWKTHLHHCCALEY\*LEQ\*NSKSDMGEHDLDGVGERN\*QLHRLDI\*LN\*KIAEPARKE\*TRVIGIG\*VGKFVDLV\*HIKLAVVYKNFHNDSRRLNRFKNSFCCTFYSE\*G\*AGILTIIVTDPPPSAEGTRQARRNRRRRWRERQRQIGTI

>B.-.AB604951.-

MEPVDPRLEPWKHPGSQPRTNCTKCYCKKCCFHCQVCFLRKGLGISYGRKKWRQRRRAPEDSQDHQVPLPKQ\*VVYVMQSLQIVAIVALVVVAIIAIIVWTIVGIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*C\*RTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGP\*CLGYTCLCTHRP\*PTRGKIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKVH\*FEE\*YC\*\*QQYY\*\*Q\*Y\*LGMGK\*RNDKLLFQCHHRYKK\*EKERICTFL\*T\*CSTNRYS\*YKLTKLYVDTL\*HLSHYTGLSKSIL\*TNSHTLLYPSWFCASKM\*\*\*KVQWKRTM\*KCQHSTMYTRN\*ASSVNSATVKWQSSRRRGSN\*N\*KFHKQC\*NHNSTAE\*NCTNQLHKTQQQYKKKYTYGTREVECTLCNRSYSRRYKTSTL\*P\*WTRLGKDFKKDSCKIKRTI\*YNKKHYL\*RILRRGSRNYNAQF\*LWRGIFLL\*YNKVV\*\*YLVY\*WE\*D\*RTK\*QYHYTPMQNKTNYKQMAGSRKSNVCPSHPRTNLLLIKYYRTVISKRWW\*QY\*\*RV\*DLQTWRRRYEGQLEK\*II\*I\*SSTN\*AIRSSTHQGKEKGGAERKKSSGNRSYIPWVLGSSRKHYGRSVTNADGTGQTIIVWYSAAAEQSAESY\*GATAYVATHSLGHQTAPGQSPSCGKIPKGSTAHGDLGLLWKTHLHHCCALEY\*LEQ\*NSKSDMGEHDLDGVGERN\*QLHRLDI\*LN\*KIAEPARKE\*TRVIGIG\*VGKFVDLV\*HIKLAVVYKNFHNDSRRLNRFKNSFCCTFYSE\*G\*AGILTIIVTDPPPSAEGTRQARRNRRRRWRERQRQIGTI

>B.-.AB641836.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFTKKALGISYGRKKRGQRRRPPQGSQTHQVPLSKQ\*VDVMPPLYLLTIVALVVAAIIAIIVWTIVFLEYKKILRQRKINKLLDRIRERAEDSGNESEGDQDELAALVVEMGHHAPWDVDDL\*C\*\*KVVGHSLLWGTCVERSNHHFILCIRC\*ST\*YRGT\*CLGHTCLCTHRPQPTRNGIGKCNRKF\*HVEK\*HGRTDA\*GYNQLMGSKLKAMCKINSTLCYFKLH\*C\*YQK\*YQ\*\*QQ\*YRNTTTGRNKKLLFQCHHKHKR\*DK\*GICTVL\*AGCSTNRE\*E\*YQLYQL\*VDKL\*HLRNYTDLSKGIL\*ANSHTLLYPGWFCASKV\*\*\*EVQWNRNM\*KCQHSTMYTWN\*ASGINSTAIEWQLSRGRGNN\*I\*KFHEQC\*NHNNTAE\*SCRN\*LYKTQQ\*YKKKYTYRTRENNFCNRHNRRYKTSTL\*H\*WYKVE\*NFKTDSQKVRRSIWRK\*NNKL\*QILRRGPRNYNAQFYLWRRIFLLQYNRTI\*\*\*LE\*EYLE\*EYSE\*Y\*RVRKYHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LYIKHHRVAINKRWW\*\*\*\*HQ\*DGDLQTWRRRHEGQLEK\*II\*I\*SSKT\*TIRNSTHQGEEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAE\*SAEGY\*GATASVATHSLGHQTAPGKSPGCRKIPTGSAAPRDLGLLWKTHLHHCCALEC\*LE\*\*KSKGDLG\*HDLDGVGKRN\*QLHRINIQFA\*RIAKPAGKE\*TRIIGIGQVGKFVELV\*HIKLAVVY\*NIHNNSRRLDRFKNSLCCAFYNQ\*S\*AGILTIVIADPPPKPEGTRQARRNRRRRWRERQRQVNAH

>B.-.AB641837.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFTKKALGISYGRKKRGQRRRPPQGSQTHQVPLSKQ\*VDVMPPLYLLTIVALVVAAIIAIIVWTIVFLEYKKILRQRKINKLLDRIRERAEDSGNESEGDQDELAALVVEMGHHAPWDVDDL\*C\*\*KVVGHSLLWGTCVERSNHHFILCIRC\*ST\*YRGT\*CLGHTCLCTHRPQPTRNGIGKCNRKF\*HVEK\*HGRTDA\*GYNQLMGSKLKAMCKINSTLCYFKLH\*C\*YQK\*YQ\*\*QQ\*YRNTTTGRNKKLLFQCHHKHKR\*DK\*GICTVL\*AGCSTNRE\*E\*YQLYQL\*VDKL\*HLRNYTDLSKGIL\*ANSHTLLYPGWFCASKV\*\*\*EVQWNRNM\*KCQHSTMYTWN\*ASGINSTAIEWQLSRGRGNN\*I\*KFHEQC\*NHNNTAE\*SCRN\*LYKTQQ\*YKKKYTYRTRENNFCNRHNRRYKTSTL\*H\*WYKVE\*NFKTDSQKVRRSIWRK\*NNKL\*QILRRGPRNYNAQFYLWRRIFLLQYNRTI\*\*\*LE\*EYLE\*EYSE\*Y\*RVRKYHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LYIKHHRVAINKRWW\*\*\*\*HQ\*DGDLQTWRRRHEGQLEK\*II\*I\*SSKT\*TIRNSTHQGEEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAE\*SAEGY\*GATASVATHSLGHQTAPGKSPGCRKIPTGSAAPRDLGLLWKTHLHHCCALEC\*LE\*\*KSKGDLG\*HDLDGVGKRN\*QLHRINIQFA\*RIAKPAGKE\*TRIIGIGQVGKFVELV\*HIKLAVVY\*NIHNNSRRLDRFKNSLCCAFYNQ\*S\*AGILTIVIADPPPKPEGTRQARRNRRRRWRERQRQVNAH

>B.2008.AB731663.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCLHCQVCFMKKGLGICYGRKKRRQRRRAPQDSKTHQVPLPKQ\*VVYVMQPLAIAAIVGLIIALIAAIIVWSIVLIEYRKILRQRKIDKLIDRIRERAEDSGNESEGDQEELSALVENGPHDPAIMEMGHHAPWNVDDL\*CYRTVVGHSLLWGTCVERSKHHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRSRIKKCNRRFQHVEK\*HGRSDA\*GCNQFMG\*KPKAMCKANPTLCYFKLH\*\*WWGKNGDRRNEKLLFQYHHRPKR\*EEGSICNFL\*TGCSTNRK\*\*\*\*\*\*\*L\*VDKL\*YLSPYTGLSKDIL\*ANSHTLLCPGWFCDFPM\*R\*EIQWNRTMYKCQLSTMYTWN\*ASSVNSTVVKWQPGRRRDSN\*ICQFLGQC\*KYNSTAERSCTN\*LYKT\*QQYKKRYSYRTRESILYNRTNSRRYKTSTL\*P\*\*NTME\*HFKTNSWEIKRTI\*\*NNSL\*SLFRRGPRNCNAQFYMWRGVFLL\*FNTTV\*\*YLAA\*\*YLE\*\*\*YK\*HWRK\*HYHTPMQNKTNYKHVAGSRKSNVCPS\*RRTN\*MFIKHYRADINKRWW\*\*WV\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SNKN\*TIRSSTNQGKKASGAERKKSSGTRSLARWVLGSSRKHYGRSVTDADGTGQTITVWYSATAKQLAEGY\*GATTSVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCTLEC\*LE\*\*ISR\*DLE\*HDLDAVGKRN\*\*LHKHNIHIN\*RIAKPARKE\*TGFIGTR\*MGKFVELV\*HNKLAVVYKNIYNDSRRLNRYKNSFYCTFYSE\*G\*EGIFTTIVSDPPPSQEGTRQARRNRRRRWRERQRHIRSI

>B.2008.AB731664.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCLHCQVCFMKKGLGICYGRKKRRQRRRAPQDSKTHQVPLPKQ\*VVYVMQPLAIAAIVGLIIALIAAIIVWSIVLIEYRKILRQRKIDKLIDRIRERAEDSGNESEGDQEELSALVENGPHDPAIMEMGHHAPWNVDDL\*CYRTVVGHSLLWGTCVERSKHHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRSRIKKCNRRFQHVEK\*HGRSDA\*GCNQFMG\*KPKAMCKANPTLCYFKLH\*\*WWGKNGDRRNEKLLFQYHHRPKR\*EEGSICNFL\*TGCSTNRK\*\*\*\*\*\*\*L\*VDKL\*YLSPYTGLSKDIL\*ANSHTLLCPGWFCDFPM\*R\*EIQWNRTMYKCQLSTMYTWN\*ASSVNSTVVKWQPGRRRDSN\*ICQFLGQC\*KYNSTAERSCTN\*LYKT\*QQYKKRYSYRTRESILYNRTNSRRYKTSTL\*P\*\*NTME\*HFKTNSWEIKRTI\*\*NNSL\*SLFRRGPRNCNAQFYMWRGVFLL\*FNTTV\*\*YLAA\*\*YLE\*\*\*YK\*HWRK\*HYHTPMQNKTNYKHVAGSRKSNVCPS\*RRTN\*MFIKHYRADINKRWW\*\*WV\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SNKN\*TIRSSTNQGKKASGAERKKSSGTRSLARWVLGSSRKHYGRSVTDADGTGQTITVWYSATAKQLAEGY\*GATTSVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCTLEC\*LE\*\*ISR\*DLE\*HDLDAVGKRN\*\*LHKHNIHIN\*RIAKPARKE\*TGFIGTR\*MGKFVELV\*HNKLAVVYKNIYNDSRRLNRYKNSFYCTFYSE\*G\*EGIFTTIVSDPPPSQEGTRQARRNRRRRWRERQRHIRSI

>B.2009.AB731665.-

MEPVDPSLEPWKHPGSRPRTPCNNCYCKKCCYHCQVCFMSKALGISHGRKKRGQRRRPPKDGQTHQASPPKQ\*VVDVMTPLVIVSIVALVVVAIIAIIVWTIVFIEYRKILRERKIDRLIDRIRERAEDSGNDSEGDQEELSALVEMGHHAPWDVDDL\*CSR\*IVGHSLLWGTCVERSNYHSILCIRC\*SI\*NRGA\*CLGHTCLCTHRPQPTRSITGKCDRKV\*HVEK\*HGGTDAGGCNQFVG\*KPKAMCKTNPTLCYFKLH\*L\*YYKE\*\*YK\*DSYQ\*\*\*YGGRGDGKRRNKKLHFQYHHQHKRKA\*RLCTLL\*K\*CSINR\*\*D\*\*Y\*L\*VDKL\*YLSHYTSLSKGIF\*ANSHTLLYPGWFCASKV\*\*\*EI\*WNRAMYKCQHSTMYTWN\*ASSDNSTAVKWQSSRRRDNN\*VCQFLGQC\*NHNSTAK\*NYRN\*LYKTQQQYKKKYISRTRENILCNRRHNRRYKTSTL\*H\*YNKMG\*HFRTNS\*KIKRTIWEEQNNKI\*AILRRGPRNCNAYF\*LWRGIFLL\*YISTV\*LEYYWVKYYKRY\*\*VKYYPMQNKTNYQHVAESRKSNICPSHQRTN\*LFIKYYRVAINKRWW\*K\*SD\*\*H\*GFQTCRRRYEG\*LEK\*II\*I\*SSKD\*TIRSSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTSQAIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHH\*CALE\*\*LE\*\*NFGSDLG\*HDLDAVGKRN\*\*LHKRNIQLN\*RSAEPARKE\*T\*LIGIG\*VGQFVELV\*HNKLAVVHKIVHNDSRRLDRFKNSFCCTFFSK\*S\*AGIFTIVIADPPPNPEGTRQARRNRRRRWRERQRHIRAI

>B.2009.AB731666.-

MEPVDPSLEPWKHPGSRPRTPCNNCYCKKCCYHCQVCFMSKALGISHGRKKRGQRRRPPKDGQTHQASPPKQ\*VVDVMTPLVIVSIVALVVVAIIAIIVWTIVFIEYRKILRERKIDRLIDRIRERAEDSGNDSEGDQEELSALVEMGHHAPWDVDDL\*CSR\*IVGHSLLWGTCVERSNYHSILCIRC\*SI\*NRGA\*CLGHTCLCTHRPQPTRSITGKCDRKV\*HVEK\*HGGTDAGGCNQFVG\*KPKAMCKTNPTLCYFKLH\*L\*YYKE\*\*YK\*DSYQ\*\*\*YGGRGDGKRRNKKLHFQYHHQHKRKA\*RLCTLL\*K\*CSINR\*\*D\*\*Y\*L\*VDKL\*YLSHYTSLSKGIF\*ANSHTLLYPGWFCASKV\*\*\*EI\*WNRAMYKCQHSTMYTWN\*ASSDNSTAVKWQSSRRRDNN\*VCQFLGQC\*NHNSTAK\*NYRN\*LYKTQQQYKKKYISRTRENILCNRRHNRRYKTSTL\*H\*YNKMG\*HFRTNS\*KIKRTIWEEQNNKI\*AILRRGPRNCNAYF\*LWRGIFLL\*YISTV\*LEYYWVKYYKRY\*\*VKYYPMQNKTNYQHVAESRKSNICPSHQRTN\*LFIKYYRVAINKRWW\*K\*SD\*\*H\*GFQTCRRRYEG\*LEK\*II\*I\*SSKD\*TIRSSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTSQAIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHH\*CALE\*\*LE\*\*NFGSDLG\*HDLDAVGKRN\*\*LHKRNIQLN\*RSAEPARKE\*T\*LIGIG\*VGQFVELV\*HNKLAVVHKIVHNDSRRLDRFKNSFCCTFFSK\*S\*AGIFTIVIADPPPNPEGTRQARRNRRRRWRERQRHIRAI

>B.2009.AB731667.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPQDSQTHQVSLSKQ\*VIHVMQPLVILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRIINRITERAEDSGNESDGDQEELSALVVEMGHQAPWDVDDL\*CCKTITTIVGHSILWGTCVERSNHHFILCFRC\*GI\*YRGT\*CLGYTCLCTHRPQPTGSSIGKCDRKF\*YVEK\*HGGTNA\*GYNQFMGSKPKTMCKINPTLCYSKLH\*STN\*YYQYH\*WSW\*FNGERGNKKLLFQCYHRHKR\*DAKRICTFL\*T\*CSSNK\*\*C\*\*CQLYQL\*VNEL\*HLSYYTGLSKGIL\*TNSNTLLCPGWFCDFKV\*\*\*EV\*WNRTM\*KCQHSTLYTWN\*ASSINSVVVKWQSIRRRGNN\*V\*KFHGQC\*NYNSTAE\*ICNN\*LYKTQ\*QYKKRYTDRTREGILYNRRNNRRHKTSTL\*H\*QNRMEKYFNKGSYKIKRTI\*K\*NNRI\*TILRRGPRSCNAQC\*LRRRIFLL\*YNTIV\*QYLEWNKSDYLEYWSKYHTPMQNKTDYKHVAASRKSNVCPSHQRTN\*MFIKYYRAAINKRW\*Y\*\*HKQY\*DLQTYRREYEGQLEK\*II\*I\*NSTN\*TIRSSTYQGKEKSGAERKKSSGTRSYVPWILGSSRKHYGRSVNNADGTGQTIIVWYSATAKQLAESY\*GATEYVATHSLGHQAAPGKSPGSGKIPKGSTAHGNLGLLWKTHLHHCCALEYQLE\*\*ITG\*DLG\*HDLDGVGKRN\*KSYQPNIHLT\*KIADPTGNK\*KGIIGIGSMGKSVELV\*HIKLAVVYKNIHNDSRWLNRFKNNFYCTFYSE\*S\*AGILTIIVADPPPNPEGTRQARRNRRRRWRARQRQIHKI

>B.2009.AB731668.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPQDSQTHQVSLSKQ\*VIHVMQPLVILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRIINRITERAEDSGNESDGDQEELSALVVEMGHHAPWDVDDL\*CYKTIRTIVGHSLLWGTCVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCTYRPQPTGSSIGKCDRKF\*YVEK\*HGRTNA\*GYNQFMGSKPKTMCKINPTLCYSKLH\*STN\*YYQYH\*WSW\*FNGERGNKKLLFQCYHRHKR\*DAKRICTFL\*T\*CSSNK\*QSYK\*CQLYQL\*VDEL\*HLSYYTGLSKGIL\*TNSNTLLCPGWFCDFKV\*\*\*EV\*WNRTM\*KCQHSTLYTWN\*ASSINSIIVKWQSIRRRGNN\*V\*KFHEQC\*NYNSTAE\*NCNN\*LYKTQ\*QYKKRYTDRTREGILYNRRNNRRHKTSTL\*H\*QNRMGKCFRKDSYKIKRTI\*K\*NNRI\*TILRRGPRTCNAQC\*LRRGILLL\*YNTIV\*\*YLEWNKSDYLEYWSKYHTPMQNKTDYKHVAASRKSNVCPSHQRTN\*MFIKHYRAVTNKRWYY\*KQY\*DLQTYRREYEGQLEK\*II\*I\*NSTN\*TIRSSTYQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQLAESY\*GATEYVATHSLGHQTAPGKSPGSGKIPKGSTAHGDLGLLWKTHLHHCCALECQLE\*\*IAG\*DLG\*HDLDGVGKRN\*KLYQLNIHLT\*KIADPTGNK\*KGIIGIGSMGKSVELV\*HIKLAVVYKNIHNDSRWLNRFKNNFYCTFYSE\*S\*AGILTIIVADPPPNPEGTRQARRNRRRRWRARQRQIHKI

>B.2011.AB731669.-

MEPVDPSLEPWKHPGSRPRTPCNNCYCKKCCYHCQVCFMSKALGISHGRKKRGQRRRPPKDGQTHQASPPKQ\*VVDVMIPLVIVSIVALVVVAIIAIIVWTIVLIEYRKILRERKIDRLIDRIRERAEDSGNDSEGDQEELSALVEMGHHAPWDVDDL\*CSR\*IVGHSLLWGTCVERSNYHSILCIRC\*SI\*NRGA\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HVEK\*HGRTDAGGCNQFMG\*KPKAMCKTNPTLCYFKLH\*L\*\*YKE\*\*YK\*DSYQ\*\*\*YGGRGDGKRRNKKLHFQYHHQHKRKA\*RLCTLL\*K\*CSINK\*\*N\*\*Y\*L\*VDKL\*HLSHYTSLSKGIF\*ANSHTLLYPGWFCASKV\*\*\*EI\*WNRAMYKCQHSTMYTWN\*ASSDNSTAVKWQSGKRRDNN\*VCQFLGQC\*NHNCTAK\*NYRN\*LYKTQQQYKKKYTSRTRENILCNRRHNRRYKTSTL\*H\*CSTMGQHFKTNS\*KIERTIWEKQNNKI\*AILRRGPRNCNAYF\*LWRGIFLL\*YISTV\*LEYYWVKYYKRH\*\*VKYYPMQNKTNYQHVAESRKSNICPSHQRAN\*LFIKYYRVAINKRWW\*K\*SD\*\*H\*GFQTYRRKYER\*LEE\*II\*I\*SSKD\*TIRSSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHH\*CALE\*\*LE\*\*NFGSDLG\*HDLDAVGKRNC\*LHKRNIQLN\*RSAEPARTE\*T\*LIGVG\*VGQFVELV\*HNKLAVVHKIIHNDSRRLDRFKNSFCCTFYSK\*S\*AGIFTIVIADPPPNPEGTRQARRNRRRRWRERQRHIRAI

>B.2011.AB731670.-

MEPVDPSLEPWKHPGSRPRTPCNNCYCKKCCYHCQVCFMSKALGISHGRKKRGQRRRPPKDGQTHQASPPKQ\*VVDVMIPLVIVSIVALVVVAIIAIIVWTIVLIEYRKILRERKIDRLIDRIRERAEDSGNDSEGDQEELSALVEMGHHAPWDVDDL\*CSR\*IVGHSLLWGTCVERSNYHSILCIRC\*SI\*NRGA\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HVEK\*HGRTDAGGCNQFMG\*KPKAMCKTNPTLCYFKLH\*L\*\*YKE\*\*YK\*DSYQ\*\*\*YGGRGDGKRRNKKLHFQYHHQHKRKA\*RLCTLL\*K\*CSINK\*\*N\*\*Y\*L\*VDKL\*HLSHYTSLSKGIF\*ANSHTLLYPGWFCASKV\*\*\*EI\*WNRAMYKCQHSTMYTWN\*ASSDNSTAVKWQSGKRRDNN\*VCQFLGQC\*NHNCTAK\*NYRN\*LYKTQQQYKKKYTSRTRENILCNRRHNRRYKTSTL\*H\*CSTMGQHFKTNS\*KIERTIWEKQNNKI\*AILRRGPRNCNAYF\*LWRGIFLL\*YISTV\*LEYYWVKYYKRH\*\*VKYYPMQNKTNYQHVAESRKSNICPSHQRAN\*LFIKYYRVAINKRWW\*K\*SD\*\*H\*GFQTYRRKYER\*LEE\*II\*I\*SSKD\*TIRSSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHH\*CALE\*\*LE\*\*NFGSDLG\*HDLDAVGKRNC\*LHKRNIQLN\*RSAEPARTE\*T\*LIGVG\*VGQFVELV\*HNKLAVVHKIIHNDSRRLDRFKNSFCCTFYSK\*S\*AGIFTIVIADPPPNPEGTRQARRNRRRRWRERQRHIRAI

>B.1985.AF003887.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKYCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQPLEILAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWNVDDL\*CCRTMVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGA\*CLGHTCLCTHRPQPTRSSIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYSKLH\*\*LKKCYCK\*C\*\*YQ\*\*\*LGKDGERRNKKLLFQYHH\*HKR\*GAERICTFL\*T\*CSTNR\*C\*\*\*\*CY\*LYQL\*IDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQYGTMYTWN\*ASSINSTAVKWQSSRRGGSN\*I\*KFHEQC\*NHNSTAE\*NCSN\*LYKTQQQYKEKYTYRTRESILYNRRHNRRYKTSSL\*R\*\*SKME\*HFSKDS\*KIKRTIWA\*\*NNSLQSLLRRGPRNCNTQFYLWRGILLL\*YITIVYLE\*YLE\*Y\*RVR\*QYRRDHTPMQNKTNYKHVAESRKGNVCPSHQRTN\*MFIKYYRAAINKRWW\*YPERDRGLQTWRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSGKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*NLE\*HDLDGMGKRN\*QLHRPNIHPN\*RIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRLKNSLYCTFYSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAL

>B.1985.AF003888.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKYCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQPLEILAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWNVDDL\*CCRTMVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGA\*CLGHTCLCTHRPQPTRSSIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYSKLH\*\*LKKCYCK\*C\*\*YQ\*\*\*LGKDGERRNKKLLFQYHH\*HKR\*GAERICTFL\*T\*CSTNR\*C\*\*\*\*CY\*LYQL\*IDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQYGTMYTWN\*ASSINSTAVKWQSSRRGGSN\*I\*KFHEQC\*NHNSTAE\*NCSN\*LYKTQQQYKEKYTYRTRESILYNRRHNRRYKTSSL\*R\*\*SKME\*HFSKDS\*KIKRTIWA\*\*NNSLQSLLRRGPRNCNTQFYLWRGILLL\*YITIVYLE\*YLE\*Y\*RVR\*QYRRDHTPMQNKTNYKHVAESRKGNVCPSHQRTN\*MFIKYYRAAINKRWW\*YPERDRGLQTWRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSGKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*NLE\*HDLDGMGKRN\*QLHRPNIHPN\*RIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRLKNSLYCTFYSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAL

>B.1986.AF004394.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRTPQDSQTHQLSLSKQ\*VVNVMQPLQILAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRITERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*YQ\*\*\*\*GNERRNKKLLFQYHHKHKR\*GEERLCTFL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLNHYTGLSKGIL\*ANSHTLLYPGWFCDSKV\*R\*EVQWNRAM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*\*FHRQCKKHNSTVERICRN\*LYKTQQQYKEKYTYRTRKSILYNRRHNRRYKTSTLQH\*\*NKME\*HFKSNSYKIKRTIWE\*\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEF\*WYLEFNTIEWY\*RK\*HYHTPM\*NKTNYKHVARSRKSNVCPSHQRTN\*MFIKYYRADINKRWWK\*PQ\*\*YRDL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*NSGYDLE\*HDLDGVGKRNRQLHRLNIHIN\*RIAEPARKE\*TRIIRIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRQRQRQIRAI

>B.1983.AF033819.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRAHQNSQTHQASLSKQ\*VVHVMQPIPIVAIVALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALVEMGVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RENDNGERRDKKLLFQYQHKHKR\*GAERICIFL\*T\*YNTNR\*\*YYQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHGQC\*NHNSTAEHICRN\*LYKTQQQYKKKNPYPERTRESICYNRKNRKYETSTL\*H\*\*SKME\*HFKTDS\*QIKRTIWK\*\*NNNL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHPPMQNKTNYKHVAESRKSNVCPSHQWTN\*MFIKYYRAAINKRWW\*\*QQ\*VRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSLNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLESHDLDGVGQRN\*QLHKLNTLLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.1986.AF042100.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMQSLYILAIVALVVAIIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRTLVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGT\*CLGHACLCTHRPQPTSSSISKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CEECY\*YQ\*Y\*YQ\*\*\*QGND\*GRRRNKKLLFQYYHKNKK\*GAERICTFL\*T\*CSTNR\*\*\*N\*\*YQL\*VGKL\*YLSHYTGLSKSIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTM\*RCQHSTMHTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAKRSYSY\*LYKTQQQYRTKYTYRTKESILCNRENNR\*YKTCTL\*H\*WSKMG\*HLTTDS\*FLKRTIWEL\*NNSL\*SILRRRPRNCNTQF\*LWRGIFLL\*FNTTV\*\*YLEY\*\*YLE\*YWRVK\*HCRQCHTHTPMQNKTNCKPVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWG\*G\*\*HGRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*G\*EKSGAERKKSSGNRSCVVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGSGKIPKGSTAPGDLGLLWKTHLHHHCALEC\*LE\*\*ISGSDLE\*HDLDAVGKRN\*QLHKLNIHLD\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSTEGTRQARRNRRRRWRERQRQIRSI

>B.1987.AF042101.AIDS

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRAPQNSQTHQVSLSKQ\*VVYVMQSLVILTIVAFVVAIIIAIVVWSIVFIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVEMGHHAPWVINDL\*CCRQIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIEKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINPTLCYFKLH\*LLKECY\*YH\*\*\*RDSDGEGRKSDGEGRNKKLLFQYHHKHKG\*GAERICTFL\*T\*CSTSR\*GQY\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHLLLCPGWFCDSKV\*R\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGNN\*I\*KYHKQC\*NHNSTAERSCRN\*LYKTQQQYKKKYTYRTRESILCNRRYNRKYKASILYP\*\*SKVE\*HFKTDS\*KIRRTI\*E\*NNSI\*SILRRGPRNCNAQF\*LWRGILLL\*FNTTV\*WYLE\*Y\*KVMVI\*HCRK\*\*HNHAPM\*NKTNYKQVAGSRKSNICPSHQRTN\*MFIKHYRAALNKRWWP\*Q\*RH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPGNLGLLWETHLHHYCALEC\*LE\*\*ISG\*DLE\*HDLEGVGKRN\*QLHRLDIHLN\*TIAEPARKE\*TRIIRIR\*MGKFVELV\*HNQLAVVYKNIHNDSRRLDRLKNSFYCTFCSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIREI

>B.1993.AF042102.-

MESVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQDSQTHQIYLPKQ\*VVYVMQPLQIVAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNDSEGDQEELSALVDMGHHDPWDINDL\*CCKQFLGHSLLWGTCMERSNHHSILCIRC\*GI\*\*RGT\*CLGHTCLCTHRPQPTRSRIDKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCFFKLH\*C\*EYH\*\*\*YQ\*\*QQYQ\*\*QLGTGEGRGNKKLLFQYHHKYER\*GAETICTFL\*P\*YSTNR\*\*G\*\*YQL\*VNKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*RERVQWKRTM\*KCQHSTVYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*QFYEQC\*NHNSTAEHICRNYLCKTQQQYKKKYTYRTREGILYNRNNRGYKTSIL\*HY\*SKLD\*YFTKGSYKIKRTI\*\*NNSL\*AILRRGPRNCNTQF\*LWRRIFLL\*FNTTV\*WYLEWYLD\*WYLEE\*LWE\*YYKYHTPMQNKANYKHVAGSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*Q\*HHGQQHRDLQTWRRRYEGQLEK\*II\*I\*SSTS\*TIRNSTHQGKEKSGAKRKKSSGNRSYVPWVLRSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGY\*GATAYVATHSLGHQTAPGKSPGCGKIPKGSTAPGTLGLLWKTHLHHYCALEY\*LE\*\*NSGKNLG\*HDLDAVGNRN\*QLHKHNIHLT\*RIAEPTRKE\*KRLIGIGSMGKFVELVYYIKLAMVYKNIHNDSRRLDRFKNSFYCIFYSK\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQLHSI

>B.1995.AF042103.asymptomatic

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCYHCQVCFITKGLGISYGRKKRKQRRRPPPDSQTHQASLSKQ\*VAHVMQSLQIVALVALVVAVLIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNDSEGDQEELSALVDMGHHAPWDINDL\*CGRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CVGHTCLCTHRPQPTRNTIGKCDRKV\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*CY\*NQ\*\*\*RGY\*NQ\*\*\*RGSGGGRRNKKLLFQYHHKHER\*GAETICSFL\*T\*CSTNRQ\*\*Y\*YQL\*VDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRRRGSD\*I\*QFHEQC\*NHNSTAKRICKN\*LYKTQQQYKKKYNYRTRESILCNXRNNRRHKTSTL\*P\*\*SRLE\*DFKTDSYKIRRTI\*EEHNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLD\*WYSE\*N\*RQWKHYHTPLQNKTNYKPVAGSRKSNVCPSHQRTN\*MYIKYYRADINKRWW\*\*HERDRDLQTWRRRYEGQLEK\*II\*V\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVTDADGTSQTIIVWYSAAAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPNGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISREDLE\*HDLEGVGKRNSQLHKINILLN\*RIAKPTRKE\*TRIIGIRQLGKFVELV\*HNKMAVVYKNIHNSSRRLGRFKNSFCCNFYSD\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIHSI

>B.1996.AF042104.asymptomatic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITQGLGISYGRKKRRQRRRAPQDSKTHQVSLPQQ\*VIHVMQSLQIVAIVALVVAAIIAIVVWSIVLIEYRKLLRQRKIDRLIDRIRDRAEDSGNASAGDQEELSALVPVGHHAPPWDVNDL\*CCRQIVGHSLLWGTCVERSSHHSILCIGC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFVGSKPKAMCKINPTLCLFKLH\*LCGECY\*YH\*\*\*RGSDGERRNKKLLLQCHHKHER\*GAERICIFL\*TCCSTNR\*\*\*\*\*YQL\*VDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCASKV\*Q\*DVQWKRTVYICQHSTVYTWR\*ASSINSTAVIWQSSRRRGSN\*I\*QFHRQC\*NHNSTAERPCTN\*LYKTRQQYKRKYTHRTRESILCNRHNRRYKTSTL\*Q\*\*SRMDKNFTTGSYKIKKTIWE\*\*NNSL\*PILRRGPRNCNAHF\*LWRGIFLL\*FNTTV\*\*YLEK\*YLE\*\*YLG\*HCRTYHTSMQNKTHCKHVAGSRKSHVCPSHQRTN\*MYIKYYRDATNKRWW\*\*R\*RERDRDLQTWRRRYEGQLEM\*TI\*I\*SSKN\*TIRDSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATADHFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISGSDLE\*HDLDAVGKRD\*QLHKINIHLN\*RIAEPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNGSRRLSRFKNNFYCAFYSK\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIQSI

>B.1996.AF042105.-

MEPVDPKLEPWKHPGSQPRTACTSCYCKKCCFHCQVCFITKGLGISYGSKKRRQRRRPPQDNQTHQVSLSKQ\*VVHVMQSLQIVAIVALVVAAIIAIVVWTIVFIEYRRILRQRKIDRLIDRIRERAEDSGNDSDGDQEELSTLVDVGHHAPWNINDL\*C\*RRQMVGHSLLWGTCVEGSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRTF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLH\*FGD\*EYYYYQ\*\*PGKDRKRRNKKLLFQYRHRHGCQGAETLCSF\*\*T\*CSINR\*\*\*\*NY\*\*K\*CTR\*\*\*\*NYYQL\*VDKL\*HLKNYTGLPKDIL\*ANSHTLLCPGWFCDSKV\*RGGLQWNRTM\*KCQHSTVYTWN\*ASSINSTTVKWQSSRKRGSN\*ICQFHGQ\*\*KHNSTAERICKN\*LYKTQQQYKKKYDSRTRKGILYNRNNRRYKKSTL\*H\*\*KRME\*NFRTDSYKTRRTI\*E\*NNSL\*TIRRRGPRN\*NAQF\*LWRGIFLL\*YNTTV\*\*NMG\*WYLG\*YLG\*YYRH\*RKYHTSMQNKTNYKHVAESRKSNVCPSHQRNN\*LYIKYYRADINKRWWFE\*YKRDFQTWRRRYEGQLEK\*II\*V\*SSRN\*TIRSSTHQGKKKSGAERKKSGDTRSYVPWVLRSSRKHYGRSVNNADGTSQTIIVWYSAAAEHSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPNGSTAPGNLGLLWKTHLQHCCALEC\*LE\*\*\*\*DTFSRRDLGEHDLDAVGKRNSQSHKIHILLT\*RIAEPTGQE\*TRTIGIGSLG\*FVELV\*HNKLAMVYKNIHNGSRRLDRFKNSFCCTFYSK\*S\*AGLLTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.1993.AF042106.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQDSQTHQAYLSKQ\*VIYVMQSLQIVAIVALVVAGIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNDSEGDQEELSALVDMGHHDPWDINDL\*SCKQFVGHSLLWGTCVERSNHHSILCIRCQGI\*CRGT\*CLGHTCLCTHRP\*PTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPEAMCKINPTLCFFKLH\*CY\*YH\*\*\*YH\*QQRETEGDRGNKKLLFQYHHKHKR\*GAETICTFL\*P\*CNTNG\*\*\*YKL\*VNKL\*HLNHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWKRTMYKCQHSTVYTWN\*ASSINSTVVKWQSSRRRGSN\*I\*QFYEQC\*NHNSTAEQICRNYLCKTQQQYKKKYNYGTRESILYNRNNRRYKTSIL\*H\*\*SKLD\*HFRTDS\*KIKRTI\*E\*NNSL\*AILRRGPRNCNTQF\*LWRGIFLL\*FNTTV\*WYLEWYLG\*WYLE\*\*\*\*D\*YYKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MYIKYYRANINKRWW\*Q\*HHERQRDRDLQTWRRRYEGQLEK\*II\*I\*SNTS\*TIRSSTHQGKEKSGAKRKKSSGNRSYVPWVLRSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGTLGLLWKTHLHHYCALEQ\*LE\*\*ISGNNLG\*HDLDAVGKRN\*QLHKHNIHLN\*RIAEPTRKK\*TRIIGIG\*MGKFVELV\*YIKLAMVYKNIHNGSRRLGRFKNSFYCTFYS\*\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQLHSI

>B.-.AF049494.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFTTKALGISYGRKKRRQRRRPRQGSQAHQASLSEQ\*VVYVMQLILIVTIVALVVTLIIAIVVWSIVLIEYRKILRQRKIDKLINRLVERAEDSGNESEGELSALVEMGVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVEGNNYHSILCIRC\*SI\*RRGT\*CLGHTCLCTHRPQPTRNSIGKCDRRF\*HVEK\*NGRTDAY\*YNQFMG\*KPKTMCKINPTLCYFKLH\*FEE\*N\*DQ\*\*\*CQ\*\*\*RGNNGERRDKKLLFQCQHRRTR\*GAERICTFLCT\*YSINKE\*K\*\*YQPYVDKL\*HLSQYTGLSKGIL\*ANSHTLLCPGWFCNSKM\*\*\*EVQWNRTM\*QCQHSTMYTWN\*TSSVNSTAVKWQCSRRRGST\*ICQFLRQC\*NHNSTAEPLCRNYLYKTQLQ\*NKENPYPQRIWKIICYSKKIGR\*ETSTLYHE\*NEMGQRFKTDS\*QIKRTI\*\*\*NSNNL\*PVLRRGPRN\*NAQF\*LRRGIVLL\*YNKTV\*\*YLE\*DYRVKWQGRKYHTPMQNKTICKHVAESRKSNVCPSQRWTN\*VYIKYYWATINKRWGS\*\*\*QH\*QRDLQTGKRRYEGQLEK\*II\*I\*SNKN\*TIRSSTHQGKEKSGAERKKSSGNGRSYVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*IFGSDLE\*HDLDGVGQRNCQLHKLNTSLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSSRLSRFKNSFCCAFYSK\*S\*AGILTIVIPDPLPSSEGTRQARRNRRRRWRERQRQIRAI

>B.-.AF049495.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAPQGSQAHQASLSEQ\*VVYVMQLILIVTIVALVVTLIIAIVVWSIVLIEYRKILRQRKIDKLINRLVERAEDSGNESEGELSALVEMGVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*RRGT\*CLGHTCLCTHRPQPTRNSIGKCDRRF\*HVEK\*NGRTDAY\*YNQFMG\*KPKTMCKINPTLCYFKLH\*FEE\*N\*DQ\*\*\*CQ\*\*\*RGNNGERRDKKLLFQCQHRRTR\*GAERICTFLCT\*YSINKE\*K\*\*YQPYVDKL\*HLSQYTGLSKGIL\*ANSHTLLCPGWFCNSKM\*\*\*EVQWNRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRGST\*ICQFLRQC\*NHNSTAEPLCRNYLYKTQLQ\*NKKNPYPQRIWKIICYSKKIGR\*ETSTLYHE\*NEMGQRFKTDS\*QIKRTI\*\*NSNNL\*PVLRRGPRN\*NAQF\*LRRGIVLL\*YNKTV\*\*YLE\*DYRVKWQGRKYHTPMQNKTICKHVAESRKSNVCPSQRWTN\*VYIKYYWATINKRWGWS\*\*\*QNRQDLQTRRRRYEGQLEK\*II\*I\*SNKN\*TIRSSTHQGKEKSGAKRKKSSGNGRSYVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGSDLE\*HDLVGVGQRNCQLHKLNTSLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSSRLSRFKNSFCCAFYSK\*S\*AGILTIVIPDPLPSSEGTRQARRNRRRRWRERQRQIRAI

>B.1991.AF069139.AIDS

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFITKGLGISYGRKKRRKRRRSPQHSQTDQASLSKQ\*VVHVIQPLVILAIVALVVALIIVIVVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDIDDL\*CCRTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYFTLH\*FEEWY\*FEEWY\*NHWEINERRNKKLLFQCHQKHNR\*GEKRICAFL\*T\*CSTNR\*EYY\*L\*VDKL\*HLNPYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*R\*EVQWNGTMYKCQYSTMYTWN\*ASSINSTAVKWKSSRRRGSN\*I\*QFHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKRDNSRTRESILYNRRNSRRYKKSTL\*H\*\*SKMA\*HFKKGS\*KIKRKI\*K\*NNSL\*\*ILRGGPRNCNAQL\*LWRGIFLL\*YKKTV\*\*YLEWY\*RVI\*H\*GK\*HYHTPMQNKTNYKHVAGSRKSNVCPSHQWTNLVLIKYYRAATNKRWW\*EQQHRDLQTWRRRYEGQLEK\*II\*I\*SSKS\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*SATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGYNLG\*HDLDAVGKRN\*QLHRLNIQLD\*RIAEPTRKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFQCTFYSE\*S\*AGILTIIVSDPLPSLEGTRQARRNRRRRWRQRQRQIQSI

>B.1991.AF069140.AIDS

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFITKGLGISYGRKKRRKRRRSPQHSQTDQASLSKQ\*VVHVMQPLVILAIVALVVALIIVIVVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDIDDL\*CCRTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYFTLH\*FEEWY\*FEEWY\*NHWEINERRNKKLLFQCHQKHNR\*GEKRICAFL\*T\*CSTNR\*EYY\*L\*VDKL\*HLNPYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*R\*EVQWNGTMYKCQYSTMYTWN\*ASSINSTAVKWKSSRRRGSN\*I\*QFHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKRDNSRTRESILYNRRNSRRYKKSTL\*H\*\*SKMA\*HFKKGS\*KIKRKI\*K\*NNSL\*\*ILRGGPRNCNAQL\*LWRGIFLL\*YKKTV\*\*YLEWY\*RVI\*H\*RK\*HYHTPMQNKTNYKHVAGSRKSNVCPSHQWTNLVLIKYYRAATNKRWW\*EQQHRNLQTWRRRYEGQLEK\*II\*I\*SSKS\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*SATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGYNLG\*HDLDAVGKRN\*QLHRLNIQLD\*RIAEPTRKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFQCTFYSE\*S\*AGILTIIVSDPLPSLEGTRQARRNRRRRWRQRQRQIQSI

>B.1985.AF070521.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMTKALGISYGRKKRRQRRRAHQNSQTHQASLSKQ\*VVHVMQPIIVAIVALVVAIIIAIAVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEVSALVEMGVEMGHHAPWDIDDL\*CYRKIVGHSLLWGTCVEGNNHHSILCIRCSSI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKFSHVDK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RENDNGERRDKKLLFQYRHKHKR\*GAERICILL\*TGYSTNR\*YQL\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYNCQHSTMYTWNQASSINSTAVKWQSSRRRCSN\*ICQFHRQC\*NHNSTAEHICRN\*LYKTLQQ\*KKKYPYPEGTRESICYNRKNRKYETSTLSH\*\*SKMECHFKTDS\*QIKRTIWK\*\*NNNLQAILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHTPMQNKTIYKYVAESRKSNVCPSHQWTK\*MFIKYYWPAIN\*RWW\*\*QQWVPDLQTWRRRYEGQLEK\*II\*I\*SSKN\*SIRSSTHQGKEKSRAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSASAEQFAEGY\*GATASVATHSLGHQTAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLE\*HDLDGVG\*RN\*QLHKLNTLLN\*RIAKPARRE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNNSRRLGRFKNSFCCSFYSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.1994.AF086817.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMTKALGISNGRKKRRQRRRTPQNSQTHQADLSKQ\*VVHVMQPLHILAIVALVVAAIIAIVVWTIVLLEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGYHAPWDVNDQ\*CCRKFVGHSLLWGTCVERSYHHFILCIRC\*NI\*YRGT\*CLGHTCLCTHRP\*PTRSNIGKCDRKF\*HVEK\*HGRPDARGYN\*FMG\*KPKAMCRINPTLCYFKVQ\*YYHVKE\*\*QYPYNGERRNKKLLFQCHHKPKK\*GAERICIFL\*T\*FSTNR\*K\*Y\*L\*IDKL\*RLSH\*TGLSKGII\*ANSHTLLYPGWFCDYKV\*\*\*DVQWNRNMYKCQHSTMHTWN\*ASSVNPTAVKWQYSRRRDIN\*I\*KYHEQC\*NHNNTAEQICKN\*LYKTQQHIKKKKYAYRNRESILHSKQ\*EI\*DKHIVTLVKRNGITLYHR\*LKNLENNLGIKQ\*SLINPQEGT\*KL\*CTVLIVEGNFSTVMQHHCLIVLGMLPVL\*MLLMKKMKISHSYVE\*NKL\*TCGRE\*EKQCMLLPSKD\*LNVHQILQG\*C\*QEMGVQMTVRSRSSDLEEEI\*RTFGEMNYINIK\*\*KLNH\*D\*HPPGQGEEWCREKKEQWE\*ELCSLGSWEQQEALWAQRH\*R\*RYRPDNYCLV\*CNSRTIC\*ELLRRNSTCCNSQSGASSSSRQESWLWKDT\*GINSSWGFGVALENSSATLTCLGILVGVIKLMMRFGIT\*PGCSGKEKLTITQTTYTTYLKNRKTSRKRMNRTY\*NWINGQACGIGLT\*QIGCGI\*EYS\*\*\*\*EA\*\*D\*E\*FLLCFL\*\*IELGRDTHHYRSRPTSQPRGDQTGQKESTKKVERETETDPNDQ

>B.-.AF146728.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKQCCFHCQVCFIRKGLGISYGRKKRRQRRRAPEDSQTHQVSLSKQ\*VVHVMQSLQIVAIVALVVVTIIAIVVWTIVFIEYRRILRQRKIDRLIDRIAERAEDSGNESEGDQEELAALVEMGHHAPWDVDDL\*CNRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*\*RGT\*CLGHTCLCTHRPQPTRNITRKCDRRV\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCTINPTLCYFKLH\*\*VDECYFY\*\*\*ACD\*\*\*LCGKYGKRRNEKLLFQHHHKHKR\*EAQRICTFL\*T\*CSTNRW\*\*Y\*L\*INKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWKRTMCKYQHSTMYTWN\*ASSVNSTVVKWQSSRKRDSN\*I\*QFHGQC\*KHNSTAE\*ICRNSLYETQQQYKKRDICRTRETHLCNRENSRRYKTSTL\*HQ\*NKLD\*RAKTDSCKIKRTI\*E\*NNSL\*SLLWRGPRNCKAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YWE\*Y\*KGN\*QYRKYHTPM\*NKTNYKHVAESRKSNVCPSHQRTD\*MFIKYYRADTNKRWW\*SREQDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRGNDPWVLGSSRKHYGRSVTGADGTDQAIVVWYSATAEQSAEGY\*GATASVATHSLGHQTAPSKNPGCGKIPRGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*ISK\*HLG\*HDLDAVGKRNWQLHRLNISFT\*RIAEPTRKE\*TRIIGIR\*VGKFVELV\*HNKMAVVYKNIHNDSRRLSRFKNSFCCTFSSEES\*GGILTIVIADPPPSPEGTRQARRNRRRRWRARQRQIRQI

>B.1997.AF224507.asymptomatic

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIRVMQLLAILAIVGLVVAAILAIVVWFIVFIEYKKILKQKKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNHHPILCIRR\*SI\*HRGT\*CLGHTCLCTHRPQPTRSIFGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKTNSTLCYFKVH\*FE\*Y\*YQ\*\*\*YFGK\*Y\*SHY\*WWGRDGGRRDEKLLFQCYHKHKR\*GAERICSFL\*T\*YNTNR\*YKLCIETL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSTM\*\*\*EVQWNRTMFKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDST\*I\*KFHKQC\*NHNSTAECICRN\*LYKTQQQYKEKYKDRTRKHILCNRSHNRRYKTSTL\*H\*\*RKME\*HFKTASYKIRRAIWE\*\*HNSL\*TILRRGPRDCNAQFYLWRGVFLL\*YNTTV\*\*YLAEV\*WYLE\*NWRVK\*N\*RKYHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWGE\*EQWDQWD\*DLQT\*GRKYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSNIRSSVPWVLGSSRKHYGLHVNDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAATGKSPGCGKVPKRSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*I\*E\*DLG\*HDLDGVGQRN\*QLHKLNIRPT\*KIAEPTRKK\*TGTIGIG\*MGKFVKLV\*HNKMAVVYKNIHNDSRRLSRFKNNFLCTFYSE\*S\*AGILTIIVSDPLPEPEGTRQARRNRRRRWRRRQWWIQSL

>B.1989.AF256204.symptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKDKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGVLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.AF256205.symptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILVVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDINDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.AF256206.symptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQIVAVVALVVVAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*NLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*YCMGR\*H\*RK\*K\*HNHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDLQAWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQFN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.AF256207.symptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQIVAVVALVVVAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*NLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*YCMGR\*H\*RK\*K\*HNHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDLQAWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQFN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.AF256208.symptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*YRGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKDKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKNPGCGKIPKGSTAPGVLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.AF256209.symptomatic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*IYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTYSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*RK\*K\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKIHSHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIHLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.AF256210.symptomatic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKTNPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*IYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTYSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*RK\*K\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKIHSHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIHLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.AF256211.symptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILVVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDINDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1988.AF286365.symptomatic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQEGQTHQVPLSKQ\*VVYVMPLYILAVVALVLAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRPIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIGKCDRGI\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKTNPTLCYFKLH\*CVECY\*YQ\*EYYYYQ\*\*\*\*ETNGERRNEKLLFQYHHKHKR\*GAERTCTFL\*T\*CSTNR\*E\*Y\*YQL\*VDTL\*HLNHYTSLSKGIL\*ANSHTLLYPSWFCNSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSITVKWQSSRRRGSN\*ICKFHEQC\*NHNSTAEGVCRN\*LYKTRQQDKKKDTYRTRESILYR\*SRRHKASIL\*H\*WHKMEEYFRKDSCKNKRN\*TI\*E\*NNSL\*SLLRRGSGNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*Y\*RK\*YLVR\*NYQTPMQNKTNYKHVAGSRKGNVCPSHRWTN\*MFIKYYRAAINKRWWE\*QRDHRDLQTWGRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSNRSYVPWVLGSSRKHYGRSVNGADGTSQTIIVWYSAAAEQSAESY\*GATTYVAAHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLGKTHLHHCCALECYLE\*\*ISG\*DLAEHDLDGVGKRN\*QLHRINIQLT\*TIAEPARKE\*AGIIRIR\*VGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCAFYSK\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQINSL

>B.-.AF491737.AIDS

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRTPQDSQNHQVSLSKQ\*VVHVMQSLEILAIVALIVAAIIAIVVWSIVFIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDINDL\*CYRKFVGHSLLWGTCVERSGHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRTKIGKCDRKF\*YVEK\*HGGTDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*LEYH\*\*\*RGNKGERRNKKLLFQYHHKHDR\*DAERIFTFL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*KVQWNRTM\*KCQHSTMYTWN\*ASSIYSAAVKWQSSRRRGSN\*ICQFQ\*QY\*NHNSTAKRTCRN\*LYKTQQ\*YKKKYTYGTRESILYNRSNRRYKTSTL\*H\*\*NKME\*HFKTGS\*KIKRTI\*K\*NNNL\*SILRRGPRNCNAQFYLWRGIFLL\*YNKTV\*\*YLE\*\*\*YLE\*YYRVK\*HWGG\*YNHTPMQNKTNYRYVAGSRKSNVCPSQQWTN\*MFIKYYRAVINKRWWY\*RERRE\*DLQTWRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVNSADGTGQTIVVWYSATAEQFAEGY\*GATTFVATHNLGHQAAPGKSPGCGKIPTGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLYRPNIHLT\*RIAEPTRKE\*TRVIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.-.AF491738.AIDS

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRTPQDSQNHQVSLSKQ\*VVHVMQSLEILAIVALIVAAIIAIVVWSIVFIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDINDL\*CYRKFVGHSLLWGTCVERSDHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRTKIGKCDRKF\*YVEK\*HGGTDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*LEYH\*\*\*RGNKGERRNKKLLFQYHHKHDR\*DAERIFTFL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSAAVKWQSSRRRGSN\*ICQF\*\*QY\*NHNSTAKRTCRN\*LYKTQQ\*YKKKYTYGTRESILYNRSNRRYKTSTL\*H\*\*NKME\*HFKTGS\*KIKRTI\*K\*NNNL\*SILRRGPRNCNAQFYLWRGIFLL\*YNKTV\*\*YLE\*\*\*YLE\*YYRVK\*HWGG\*YNHTPMQNKTNYKYVAGSRKSNVCPSQQWTN\*MFIKYYRAVINKRWWY\*RERRE\*DLQTWRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVNSADGTGQTIVVWYSATAEQFAEGY\*GATTFVATHNLGHQAAPGKSPGCGKIPTGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLYRPNIHLT\*RIAEPTRKE\*TRVIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.-.AF491739.AIDS

MEPVDPRLEPWRHPGSQPKTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRTPQDSQNHQVSLSKQ\*VVHVMQSLEILAIVALIVAAIIAIVVWSIVFIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDINDL\*CYRKFVGHSLLWGTCVERSDHHSILCIRC\*SI\*YRGT\*CLGHTRLRTHRPQPTRTKIGKCDRKF\*YVEK\*HGGTDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*LEYH\*\*\*RGNKGERRNKKLLFQYHHKHDR\*DAERIFTFL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSAAVKWQSSRRRGSN\*ICQFQ\*QY\*NHNSTAKRTCRN\*LYKTQQ\*YKKKYTYGTRESILYNRSNRRYKTSTL\*H\*\*NKME\*HFKTGS\*KIKRTI\*K\*NDNL\*SILRRGPRNCNAQFYLWRGIFLL\*YNKTV\*\*YLE\*\*\*YLE\*YYRVK\*HWGG\*YNHTPMQNKTNYKYVAGSRKSNVCPSQQWSN\*MFIKYYRAVINKRWWY\*RERRE\*DLQTWRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVNSADGTGQTIVVWYSATAEQFAEGY\*GATTFVATHNLGHQAAPGKSPGCGKIPTGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLYRPDIHLT\*RIAEPTRKE\*TRVIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.-.AF491740.deceased

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDSKTHQVSLSKQ\*VVHVMQSLQIVAIVALVVATIIAIVVWTIVLIEYRKILRQRKIDGIIDRIRERAEDSGNESDGDHEELSTLVEMGYHDAPWDINDL\*C\*RKFVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGTQCLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*C\*FQ\*H\*CEECY\*YHCF\*YH\*\*\*RGNDGGRRNKKLLFQYYHTPKR\*GAERICTFL\*T\*CSTNRKG\*Y\*L\*VDKL\*HLNRYTGLSKGIL\*ANSHTLLYPGWFCDYKV\*\*\*EVQWNRNMYKCQHSTMYTWN\*ASSINSVTVKWQSSRGRGSN\*IRKFHEQC\*KHNSTAE\*NCRN\*LYKAQQQYKKKYTYGTRQSILCNRRHNRRYKTSTL\*H\*\*NKME\*NFKTDSYKVKRTIWI\*\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FITTV\*\*YLDV\*\*YLE\*Y\*RGK\*H\*EK\*YNHTPVQNKTNYKHVAASRKSNVCPSHQRTD\*MYIKHYRADINKRWW\*YPKQERPRDL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TTRNSTHQGKEKSGAERKKSSGDGSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*IYGTDLGQHDLDGVGKRNQ\*LHRLNIHLN\*KIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVPDPPPSQEGTRQARRNRRRRWRERQRQIRFI

>B.-.AF491741.deceased

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDSKTHQVSLSKQ\*VVHVMQSLQIVAIVALVVATIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRERAEDSGNESDGDHEELSTLVEMGYHDAPWDINDL\*C\*RKFVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGTQCLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*C\*FQ\*H\*CEECY\*YHCF\*YH\*\*\*RGNDGGRRNKKLLFQYYHTPKR\*GAERICTFL\*T\*CSTNRKG\*Y\*L\*VDKL\*HLNRYTGLSKGIL\*ANSHTLLYPGWFCDYKV\*\*\*EVQWNRNMYKCQHSTMYTWN\*ASSINSVTVKWQSSRGRGSN\*IRKFHEQC\*NHNSTAE\*NCRN\*LFKAQQQYKKKYTYGTRQSILCNRRHNRRYKTSTL\*H\*\*NKME\*NFKTDSYKVKRTIWI\*\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FITTV\*\*YLDV\*\*YLE\*Y\*RGK\*H\*EK\*YNHTPMQNKTNYKHVAASRKSNVCPSHQRTD\*MYIKHYRADINKRWW\*YPKQERPRDL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TTRNSTHQGKEKSGAERKKSSGDGSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*IYGTDLGQHDLDGVGKRNQKLHRLNIHLN\*KIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVPDPPPSQEGTRQARRNRRRRWRERQRQIRFI

>B.-.AF491742.deceased

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDSKTHQVSLSKQ\*VVHVMQSLQIVAIVALVVATIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRERAEDSGNESDGDHEELSTLVEMGYHDAPWDINDL\*C\*RKFVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGTQCLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*C\*FQ\*H\*CEECY\*YHCF\*YH\*\*\*RGNDGGRRNKKLLFQYYHTPKR\*GAERICTFL\*T\*CSTNRKG\*Y\*L\*VDKL\*HLNRYTGLSKGIL\*ANSHTLLYPGWFCDYKV\*\*\*EVQWNRNMYKCQHSTMYTWN\*ASSINSVTVKWQSSRGRGSN\*IRKFHEQC\*KHNSTAE\*NCRN\*LYKAQQQYKKKYTYGTRQSILCNRRHNRRYKTSTL\*H\*\*NKME\*NFKTDSYKVKRTIWI\*\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FITTG\*\*YLDV\*\*YLE\*Y\*RGK\*H\*EK\*YNHTPMQNKTNYKHVAASRKSNVCPSHQRTD\*MYIKHYRADINKRWW\*YPKQERPRDL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TTRNSTHQGKEKSGAERKKSSGDGSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*IYGTDLGQHDLDGVGKRNQ\*LHRLNIHLN\*KIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVPDPPPSQEGTRQARRNRRRRWRERQRQIRFI

>B.1999.AF538302.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRPPEDSQTHQAALSKQ\*VVHVMNSLQILAIVALVVARAIAIVVWSIVFIEYKKLLRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPRPKRSRIKKCNRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINSTLCYFTLHR\*YH\*\*C\*YHY\*SSYH\*\*CRGGERRSKKLLFQCHLRYKR\*GAERICTFL\*T\*CSTNK\*\*\*\*KL\*DDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*EV\*WNRTMYKCQHSTMYTWN\*ASSINSAAVKW\*SSRRRGSA\*I\*KFHEQC\*NHNSTTEKTCKHYLYKTQQQHKKKYKYRTRKSILCNRRNNRRHKTSTL\*H\*\*SGME\*HFKTDS\*KIKRKI\*EQNNNL\*SILRRGPGNCNAQF\*LWRGILLL\*FNRIV\*\*YLE\*\*YLE\*Y\*KVK\*HWRK\*YNHTPMQNKTNYKLVAGSRKSNVCPSHQRRN\*MYIKYYRAVINKRWWYCQGERDLQTWRRRYEGQLEK\*II\*SSTN\*TIRSSTHRGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKNPGCGKIPKGSTAPGNLGLLWKTHLHH\*CALEC\*LE\*\*ISESDLGKHDLDGVGKRN\*QLHRRNIQLN\*KITEPARKE\*TRIIGIR\*MGKFVELV\*HIKMAVVYKNIHNDSRRLDRFKNSFYCTFYSEES\*AGIFTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.1999.AF538303.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSQTHQASLSKQYVVHVMQPLQIAAIVAIVALVVAVIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELAAFMEMGHHAPWDVDDL\*CCRSMVGHSLLWGTCVERNNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLHRCEE\*Y\*Y\*YH\*W\*WWHGGKNDGGRRNKKLLFQHHHKHKR\*GEERICNFL\*S\*CSTKG\*\*\*Y\*\*\*Y\*L\*VDKV\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EV\*WNRTL\*KCQHSTMYTWN\*ASSINSTIAKW\*SSRKRDST\*I\*RFHKQC\*DHNSTTERIYRN\*LYKTQQQYKQKYTSRTRKSILCNRRHNRRYKKSTL\*P\*\*NTME\*HFKTDSCKIKRKI\*EQNNDL\*SILRRGPGNCNAQF\*LWRGISLLLFHRIV\*\*YLA\*\*YLE\*Y\*KVQ\*HWRK\*YHYTPMQNKTNYKLVAGSRKSNVCPSHQRRN\*MYIKYYRAVINKRWWCRKQGE\*DLQTWRRRYEGQLEK\*II\*IQSSTN\*TIRSSTHRGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLYHCCALE\*\*LE\*\*\*IF\*ADLE\*HDLDGVGKRS\*QLHKFNIQLN\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRTF

>B.1995.AF538304.-

MEPIDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQDGQTNQVSLSKQ\*VVHVMQPIIGAIVALVVAIILAIVVWTIVFIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSTLVEMGHHAPWDVDDL\*CYRKVMGHSLLWGTCVERSNYHSILCIRC\*RI\*DRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*C\*YH\*\*Y\*YH\*WY\*SHY\*WQQNGKRRNKKLLFQRHHKHER\*DAESFCTFL\*T\*CSTNR\*E\*\*\*Q\*YQL\*VDKL\*YLSHYPSLSKSIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASNINSTTVKWQPSRRGGSN\*I\*QFHRQY\*KHNSTAERTCRN\*LYKTQ\*\*YKKKYTYSTRESILCNRRNNRRYKTSILQH\*\*RKME\*HFKTDS\*KIKRTICE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLECY\*KVK\*H\*KR\*YYNHTPMQNKTTYKHVAGGRKSNVCPSH\*RTN\*MFIKYYRADINKR\*W\*RERDRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSIRGTRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEF\*LE\*\*ISG\*DLG\*HDLDGVGKRN\*QLHRLNIHLN\*TITNPARKE\*TRIIGIGSMGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFFCAFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRQIRVL

>B.1995.AF538305.-

MEPVDPRLEPWKHPGSQPRTACTACYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPKDCQTHQAPLSKQ\*VVNVMQPLVIGSIALVVVAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDRGNESEGDQEELAGLVEMGHHAPWDIDDL\*GCRRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLWTHRPQPTRTRIGKCDRKL\*HVEK\*HGGPDA\*GCNQFMGSKPKAMCKINPTLCYFKLH\*C\*YH\*\*Y\*YH\*WY\*SHY\*WQENGERRRAKLLFQRHHKHKR\*GAERICTLL\*T\*CST\*\*\*QN\*SQLYQL\*VDKL\*HLSHYPSLSKNIL\*ANSHTLLCPGWLCDPKM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSTTIKWQPSRRRGGN\*I\*QYHRQC\*NHNSTAERRCKHYLCKTQQQYKKKYKYRTRESIFCKRRHNRRYKTSTL\*H\*\*TTME\*HFKTGS\*KIKRAIWK\*\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLECY\*RVKCNYRR\*CYNKIGHTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MFIKYYRAAITKRWW\*\*\*QWVRDLQTWRRRYEGQLEK\*II\*I\*SSSN\*TIRSSTHQGKKKSGAERKKRTESRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*QISK\*YLG\*YDLDAVGKRN\*\*LHRHNIHVT\*KITEPTREE\*TRIIRIR\*MGKFVELV\*HIKLAVVYQNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPNPEGTRQARRNRTRRWRERQRQIRQI

>B.1995.AF538306.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCFHCQKCFTTKALGISYGRKKRRQRRRAPQDCQTHQVHLSKQ\*VVHVMQSLQILAIVALVVATIIAIVVWSIVSIEYRKILRQRKIDRLIDRLIERAEDSGNESEGDEEELSALVEMGHHALWDIDDL\*CCRTVMGHSLLWGTCVEGSNDHAILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDAGGCNQFMGSKPKAMCKINPALCYLKLQ\*C\*AQ\*Y\*YH\*GMGKDGGRRNEKLLFQHHHKHKR\*DAERICAFL\*T\*CSTNR\*\*Q\*QY\*YQL\*VDKL\*HLSHYPGLSKGIL\*ANSHPLLCPGWFCDSKM\*Q\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRR\*GSN\*IQQFHGQC\*NHNSTAEPICSN\*LYKT\*QQYKKKYTYRTRESILCNRRYNRKYKTCTL\*H\*\*KRVE\*HFKIDS\*KIKRTIWREQDNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLECYYRVK\*HGRG\*SRKYYTHMQNKTNYKHVAGSRKSNVCPSHQRTN\*LFIKHYRAAINKRWW\*\*\*RDQDHRDLQTWRRRYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEKSGAERRESSGNRSFVPWVLGSSRKRYGRSINDADGTGQTIIVWYSAAAEQFAVGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGPTAPRDLGLLWKTHLHHYCTLEC\*LE\*\*ISE\*DLG\*HDLDGVGQRN\*QLHKLNIHLN\*RIAEPARKE\*TRIIGIG\*MGKFVDLV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYRE\*S\*AGIFTIIVSDPPPSTEGTRQARRNRRRRWRERQRQIRLL

>B.1995.AF538307.-

MDPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFLTKGLGISYGRKKRRQRRRAPRDGQTHQAPLSKQ\*VVHVMQS\*IAAIVALVIVAIAIVVWSIVLIEYRKILRQRRIDRLINRIRERAEDSGNESEQEGEQEELLVEMGHLAPWDADDL\*CSRKIMGHSLLWGTCVEGSNHHSILCIRC\*SIWYRST\*CLGHTRLCTHRPQPTRSRIEKSDRKL\*YVEK\*HGRTNA\*GYNQFMGSKSKAMCKINPTLCYFKLH\*CQY\*YHY\*CHWY\*\*\*\*CQVRIGERRNKKLLFLHHHKHNR\*VSKSLCAFL\*T\*CSANR\*\*\*\*QY\*Y\*L\*VDKL\*HLSHYPGLSKSIL\*ANSHTLLCPGWFCDSKM\*\*\*KVQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQPSRRRGSN\*I\*QFLRQY\*KHNSTAERRCKHYLYEAQQQYKKKYIYRTRESI\*CNRRNNRRYKTSTL\*P\*\*TRLE\*HFKTDT\*QIKGTIWE\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLA\*\*YLE\*\*\*RVK\*H\*SNHTSMQNKTKYKHVAGSRKSNVCPSHQRTN\*MFIKHYRANINKRWW\*\*HRQ\*QHRNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKRSRTRSYVPWVLGSSRKHYGRSVTEADGTGQTIIV\*YSATAKQFAESY\*GATSSVATHSLGHQTAPGKSPGCGKIPKGSTTPRDLGLLWKTHLHH\*CALEC\*LE\*\*ISK\*YLG\*HDLDGVGKRN\*QLHKYHIHLT\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSF\*CTFYSK\*S\*AGIFTIIVSDPPPNLEGTRQARTNRRRRWRERQRQIRVL

>B.1989.AJ006287.symptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHQKHKR\*SEERICTFL\*S\*CNTNKR\*\*Y\*L\*VEKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQHYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*QYLEWYCMVK\*H\*RK\*K\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVAPHSLGHQAAPSKSPGCGKIPKGSTAPGVLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDAPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1986.AJ271445.AIDS

MEPVDPRIEPWKHPGSQPRTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRQRRRLPEDSQIHQVSLPKQ\*VVYVIQILTIVALVVAGIVAIVVWIIVFIEYRKILKKKKK\*TG\*LIE\*\*KEQKTVTMKAKGTRKNYQHLWKWGIMLLGMLMICSATEKLWVTVYYGVPVWKEATTTLFCASDAKAYDTEKHNVWATHACVPTDPNPQEVVLGNVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTDLRNDTNTDNSIMEGGEMKNCSFNITTSIRDKMQKEYALLYKLDIVSIGSDNTSYILTKCDASVITQACPKISFEPIPIHFCAPAGFAILKCNNKTFDGKGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEKVVIRSDNFMDNTKTIIVQLKEAVEINCTRPNNNTRKGIYIGPGRRFYTTGRIIGDIRQAHCNISKEKWNNTLHQIVIELRKQFRNKTIVFNQSSGGDPEIVMHSFNCGGEFFYCKTAQLFNSTWNSTGNGTIKSNTTEIITLPCRIKQIVNMWQEVGKAMYAPPITGQIRCASHITGLLLTRDGGRENNTNETETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGMIGAMFLGFLGAAGSTMGAASLTLTVQARLLLSGIVQQQNNLLRAIEAQQHLLRLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTTVPWNVSWSNKSLDKIWNNMTWMEWEREIDNYTNTIYTLIEESQNQQEKNEQELLELDKWANLWNWFDITNWLWYIKIFIMIIGGLIGLRIIFAVISIVNRVRRGYSPLSLQTHLPTPRGPDRPEGIEEEGGEQDRDRSIRL

>B.1998.AY037268.asymptomatic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCWHCQVCFLKKGLGISYGRKKRRQRRRPPQDGQAHQVSLSKQ\*VVHVMLSLKILTIVALVVAGIIAIIVWSIVIIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGDRVHLVVNDL\*CYRTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRRI\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LDEDK\*YLK\*YLK\*CH\*SGYN\*NQ\*YDGERRSKKLLFQYHHKHERQGAEKICTFL\*P\*CRTNRQ\*\*L\*DKKL\*HLSHYTGLSKNIL\*ANSYTLLCPGWLCDSKV\*G\*EFQWNRKL\*KCHHCTLYTWN\*ASSINSTAVKWQSSRRRHSN\*IC\*PLR\*Y\*NHNSTAE\*IYSN\*LYKTWQPYKKKDNSRTRESILYNRRNNGRYKKSTL\*P\*\*SRLE\*HCKKDSY\*IKRKFQ\*NYSL\*SILRRGPRNCNAHF\*LWRGILLL\*YNTTV\*\*YLE\*D\*YLE\*D\*YR\*\*HNHTPMQNKAIYKHVAESRKSNVCPSHQRTH\*MFIKYYRAAINKRWWYYQHHRDLQTWRRRYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEKSGAERKKSNRGNRSFVPWVLGSSRKHYGRSVSDVDGTGQTIIVWYSATAEQSAKGY\*GATASVATHSLGH\*TAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISK\*YLELHDLDAMGKRN\*QLHKHNIQLN\*RIANPTRKE\*TRIIGIG\*MGKFVELV\*NIKLAVVYKNIHNDSRRLDRFKNSFYCTDYSE\*S\*AGILTIIVTDPPPSPEGTRQARRNRRRRWRERQRQIRRI

>B.2000.AY037269.-

MEPVDPRLEPWKHPGSQPKTACTKCFCKKCCYHCQVCFMTKALGISNGRKKRRQRRRAPQDSENHQVSLSKQ\*VVHVMNTLTIAAIVALVVAAIIVIVVWTIVLLEYRKILRQRKIDSIIDRIIERAEDSGNESEGDQEELAALVGMGHHAPVEMGHHAPWDVDDL\*CCRK\*\*Y\*FVGHSLLWGTCVERSNHHSILCLRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRNKFAKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*SECY\*NQYE\*C\*CYWDH\*YQYHHQRHTKYEKLFFQYHRRHKK\*KEETTCNL\*\*T\*CSTNRE\*\*YKLYVGKL\*HLSHYTSLSKSIL\*TNSHSLLCPGWFCDFKV\*R\*EVQWNRTMYQCQHSTMYTWN\*ASSVNSTAVKWQSGRRRDSN\*I\*KFHGQC\*NHNSTVEPNCKN\*LYKTQQQYKTRYTYRTVGFILCNNRNNRKYKKSIL\*RE\*KRLE\*HFKQGS\*KIRRTVESNNNNL\*SSIRRGPRNCNAHF\*LWRGILLL\*YNKAV\*\*YLGKWHFK\*HCRK\*Q\*HKHHTPMQNKTNYKQMAGSRKSNVCPSH\*RSN\*LCIKYYRAAISKRWWWEHEQRQRNLQTCRGRYEGQLEK\*II\*I\*SSKN\*ASRNSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVSDVDGTGQTIVVWYSATAEQSAESY\*GATTPVATHSLGHQAAPSKSPGCRKIPKGSTAPRDLGLLWKAHLHHCCALE\*\*LE\*\*ICGLHLEKHDLDAVGERNRQLHRPHIPLT\*KFAEPTRKE\*TRIIGI\*\*VGKFVELVQHI\*LAVVYKNIHNDSRRLGRLKNSFYCTFYSE\*S\*EGILTIIISDPLPNLEGTRQARRNRRRRWRARQRQIRSI

>B.1999.AY037270.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRSPPDSQTHQVPLPKQ\*VVYVMQSLIILAIVALVVAAILAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSVLVGMEHHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRET\*YLGHTCLCTHRPQPTRSTIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKTNPTLCHFKLY\*CNHK\*\*\*YRRYEKLLFQYHCRNKG\*GKERICTFL\*S\*CSTHR\*\*\*W\*YHL\*VDKL\*YLNYYTNLSKGNL\*ANSHTLLYSSWFCNSKM\*\*\*EFQWNRTM\*KCQHSTMYTWN\*TSSVNSTAVKWQSSRGRNSN\*I\*KFHGQC\*NHNSTAE\*IYIN\*LYKTQ\*QYKKKYKYRTRESTLCNRRNNRKHKASTL\*H\*CNRME\*HFRTDSHKIRRTIWGK\*NNNL\*SILRRGPRNCNAQF\*LWRGILLL\*YNRTV\*\*YLEFY\*YLEYD\*WVKLLCRKKYHHTLMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRAAINKRWWG\*\*QKHRDL\*TWRRKYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNDRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGY\*GATAYVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGMLWKTHLHH\*CALE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRLNIYFN\*RITEPTRKE\*TRIIRIT\*MGKFVELV\*HNKVAMVYKNIHNDSRRFGRFKNSLCCAFYSK\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIQAV

>B.1999.AY037282.asymptomatic

MEPVDPRLEPWKHPGSQPRTPCTTCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRPPQDSKNHQVSLSKQ\*VVHVMQSLQIVAIVALVVAAIIAIVVWSIVFIEYRRILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVADL\*CYTTIVGHSLLWGTCMERSKHHSILCIKC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRISIEKCDRKF\*HVEK\*HGRTDA\*GYS\*FMGSKPKAMCKINPTLCHYGLH\*L\*KCYQYH\*W\*YQYH\*LCYRGRRNKKLLFQHLHKHKK\*GTERICTFL\*P\*CNTNR\*\*\*YLLYFEKL\*HLNHYTGLSKGIL\*ANSYTFLCPGWFCDSKM\*\*\*KIQWNRTM\*KCQHSTMYTWN\*ASSIYTIAVKWQSSRRRGSN\*ICQFLGQY\*NHNSTAE\*ICRN\*LYKAQQQYKEKYTYRTRESILYNRTSNRRYKTSTL\*H\*\*RKME\*HLKPDS\*QTKRTSQKQNNSL\*ASLRRGPRNCDAHF\*LWRGIFLL\*YNKTV\*\*YLDY\*RVK\*H\*RK\*HKNNHTPM\*NKTNYKHVAGSRKSNVCPSHQWTN\*LFIKYYRAAINKRWW\*\*H\*Q\*QYRDIQTWRRKYEGQLEK\*II\*IQSSTN\*TNRSSAHQGKEKSGAERKKSSGTRSLVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRNLGVLWKTHLHHCCALEC\*LE\*\*IL\*\*YLG\*HDLDAVGERN\*\*LHRLNIHFNSNIADPARKE\*TRVIGIGQMGKFVELV\*HNTVAVVYKIIHNDSRRLSRVKNNFYCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIQTI

>B.1990.AY173951.-

MEPVDPRLEPWKHPGSQPKTACNTCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAPQDRQTHQASLSKQ\*VVYVMHSLQILGIVALVVAGIIAIVVWSIVIIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDIND\*\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*XVDK\*HGRTDA\*GYNQFMGSKSKAMCKINSTLCYFKLH\*FEKYY\*YQ\*YRRGNGGERRNEKLLFQYHHKHKE\*VAERICTLL\*T\*YSTNK\*\*\*Y\*L\*VDKL\*HLSHYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWKRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRGSN\*I\*KFYRQC\*NHNSTAERTCRN\*LYKT\*QLYKEKNNYGTRESILYNRRNNRRYKTSTL\*H\*\*HKME\*HFRTDS\*KIKRTI\*Q\*YNSL\*EILRRGPRNCNAQFYLWRGIFLL\*FNKTV\*\*YLE\*H\*RK\*RWRGKKYHTPMQNKTNCKHVAGSRKSNVCPSHRRTN\*MHLKYYRAAINKRWR\*PKWDQRD\*NLQTWRRKYEGQLEK\*TI\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSLSCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*DLE\*HDLDAMGKRN\*QLHRLNIHLN\*RIAKPTRKE\*TRFTAIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRIGRFKNNFYCTFYSE\*G\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRHIRTL

>B.1990.AY173952.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFTSKALGISYGRKKRRQRRRPPQDSQTHQASLSEQ\*VVHVMQSLEILAIVALVVAIIIAIVVWSIVFYLYKSILRQRKIDRLIDRIIERAEDSGNESEGDQEDLSALMEMGYHAPWDIDDQ\*CCRTIVGHSLLWGTCVERSNHHFILCIRCQSL\*\*GST\*CLGHTCLCTHRPRPKRITIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCEIDPTLCYFKLH\*LQ\*E\*Y\*YQ\*\*\*WGKDGERRNKKLLFQYHHRSKR\*DTETICTFL\*T\*CSTNRK\*\*\*\*Y\*L\*VDKL\*HLSHYTSLSKGNL\*ANSHTLLCSGWFCDSKV\*R\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*V\*KFHEQC\*NHNSTAERSCRN\*LYKTQQQYKKKYTYRTRESILYNRKYNRRYKTSTL\*H\*\*RKME\*HFKTDS\*QIKRTIWK\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLGG\*\*YLD\*VK\*Q\*NNHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MFIKYYRAATNKRWW\*\*KR\*QRDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSRPRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCGKISKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISGSNLG\*HDLDGVGKRN\*QLHKHNIHLT\*RIAAPTGKE\*TRIIGIG\*MGKFVELV\*HNTLAVVYKNIHNDSRRLNRFKNSFCCTFYSEES\*AGIFTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIHTF

>B.1990.AY173953.-

MEPVDPRLEPWKHPGSRPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGRQTYQVSLSKQ\*VVHVMQSLQIVALVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSTLVEVGHLAPWDIDDL\*C\*KIVGHGLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRRF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCKINPTLCYFKLH\*SGECY\*YGECY\*YH\*\*\*LGKARERRNKKLLFQYHQKHER\*GRKRICTFL\*T\*CSTNG\*\*\*YQL\*VDKL\*HLSRYTGLSKSIL\*ANSHTLLCPGWFCDSKM\*R\*EVQWNRTMQKC\*HSTMYTWN\*ASSINSTAVKWQSSRRRGSG\*ICQFHKQC\*NHNSTAERICTN\*LHKTQQQYKKKYTYRTRESNLCNRRHNRRYKTSIL\*H\*\*NKME\*HFKADNKKITRTIWEENNSL\*AILRRGPRSGNAQF\*LWRGIFLL\*YNKSV\*\*YLEWY\*RV\*\*YFE\*C\*KHHTPMQNKTNYKHVAGSRKSNVCPSHQRTH\*MCIKHYRAVINKRWGYEQRDQGQRDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQATPGKSPSCGKIPKGSTAPGDLGLLWKAHLHHCCALE\*\*LE\*\*NYGSDLE\*HDLDGLGKGN\*QLHKLNIQLN\*RIAKPTRQE\*TGIIRIR\*VGKFVELV\*HNELAVVYKNIHNDNRRLGRFKNSFCCSFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRTRQRQIRSI

>B.1990.AY173954.-

MEPVDPRLEPWQHPGSQPKTACNNCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRNPQDSQIHQVSLSKQ\*VVYVMQPVQILAIVALVIVGIIAIVVWAIVFIEYRKILRQKKIDRIIDRIIERAEDSGNESEGDQEELSALMEMGHHAPWHVDDL\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FE\*CLHQ\*Q\*WGKHGERGNEKLLFQCHHKHKK\*DAERICTFL\*T\*YSTNR\*\*\*YKLYIDKL\*HLSHYTSLSKGIL\*TNSHTLLYPGWFCDXKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSIAVKWQSSRRRCSN\*I\*KFHGQC\*NHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTGESILCNRRHNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIRRTIWE\*NNSNSL\*SILRRRPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLD\*\*\*WYLE\*YLE\*\*\*\*Y\*\*QWNYHTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*Q\*HEQDRDLQTWRRRYEGQLEK\*II\*V\*SSTN\*AIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAEQFAEGY\*GTTAYVATHSLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISENDLG\*HDLDGVGQRN\*QLHNINIHLT\*RIAKPTRKE\*TRITGIG\*VGKLVELV\*HNTMAVVYKNIHNDSRRFSRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRARQRQIQSI

>B.1990.AY173955.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRQRRRTPPGSQAHQVSLSKQ\*VVHVMQSLVILAIVALVVAAIVAIVVWTIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDEEALSALVERGHLAPWDIDDL\*CYNKLVGHSLLWGTCVERSNHHSVLCIRC\*SIQSRGT\*XLGYTCLCTHRPQPTGSKFNKCDRKF\*HVEK\*HGGPDA\*GYNQFMGSKPKAMCKINPTLCHFKLY\*\*VGEWY\*XH\*\*Y\*WR\*\*Y\*\*Y\*\*LGKDASRRNKKLLFQYHHKCKR\*GAERIFSFL\*T\*CSTNR\*\*\*Y\*L\*IDKL\*YLSHYTSLSKGIF\*ANSHTLLCPGWFCDSKV\*R\*KVQWNRTM\*KCQHSTMHTWN\*TSSVNSTAVKWQSSRRRGST\*I\*KFHGQC\*NHNSTAE\*ICRN\*LYKTQQ\*YKKKYTYRTRESILCNR\*YNRRHKTSTL\*H\*\*SKLD\*HFKTDS\*KIKRTIWE\*\*NNNL\*FILRRGPRNCISQF\*LWRGIFLL\*YITTV\*\*YLEDY\*RGK\*H\*RE\*HYHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*MLIKYYRAAIN\*RWWY\*Q\*CDEQDRDLQTWGRKHEGQLEK\*II\*I\*SSXN\*TIRSSTHPGKEKSGAKREKSSGTRSFVHWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQSAESY\*GATASVATHGLGHQTAPGKNPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEQ\*LEQ\*ISGLYLE\*YDLDAVGKRN\*QLYRLNIQFN\*NSAKPARKE\*TRIIGIGQVGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTNIIADPPPSSEGTRQARRNRRRRWRERQRQIQSI

>B.1989.AY173956.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQTHQVSLSKQ\*VVHVMQPLVILAIVALVVAAILAIVVWSIVFIEYRKILRQRKIDKILERIPERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*NI\*YRGT\*CLGHTCLCTHRPQPTRNRIGKCDRKF\*HVEK\*HGRTNAGGYNQFMGSKPKAMCKTNPTLCYFKLH\*LY\*YH\*YH\*YQ\*YR\*WGKDGQGGNKKLLFQYHHKHKK\*DAENICTFL\*T\*CRTNR\*K\*EYY\*I\*VNKL\*QLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWNRTM\*\*GQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*I\*KFHGQC\*NHISTAERTSRN\*LYKTQQQGKKTYTYRTRENILYRKNSRRYKTSIL\*H\*\*S\*ME\*HFKPDSYKIKRN\*TI\*E\*NNSL\*SILRRGPRNCNAQF\*L\*RGIFLL\*FNTTV\*QYLE\*YLEC\*\*KIK\*HCNTQTPMQNKTICKHVAGSRKSNVCPSHRWAN\*LFIKYYRVTINKRWW\*\*HKRD\*DLQTWRRRYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAKRKKSSGNRSCAPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*IS\*\*HLE\*HDLDAVGKRN\*QLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVGLV\*HNTVAVVYKNIHNDSRRFNRFKNSFCCTFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRAI

>B.1989.AY173959.-

MEPVDPRLEPWKHPGSQPRTSCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRTPQDSKNHQVPLSKQ\*VIYVMNPLELSAIIALVVAVILAIVVWTIVLIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRTIVGHSLLWGTSMERSSHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIENVTENFNVWKDDMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTDWNANSTVNATNTNNSTGKIETGEIKNCSFNITTDRRDKLQKTYALFNTLDVVPIDNDNDNNSYRLINCNTSVITQACPKISFEPIPIHYCAPAGFAILKCNDSTFSGKGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEKDVVIRSENFTNNVNTIIVQLNESVKIECIRPHNNTRESINIGPGRAFYATKAIIGDIRQAHCNISVGNWTNTLQQISRKLREQFGNKTIVFNRTSGGDPEITMHTFNCGGEFFYCNTTKLFNSTWHTNGSSNYNTSGVNITLPCRIKQIINMWQEVGKAMYAPPIRGQIRCISNITGLLLTRDGGANQTNGTEIFRPAGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGLGAVFLGFLSAAGSTMGAASMTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNKSFNEIWNNMTWMQWEREIDNYTGLIYTLIEDSQNQQEKNEQELLELDKWASLWNWFDITKWLWYIKIFIMIIGGLVGLRIIFAVLSIVNRVRQGYSPISFQTRLPTPRGPDRPEGIEEEGGEKGRDRSGVL

>B.1989.AY173960.-

MEPVDPRLEPWKHPGSQPKTACTKCFCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAHQGSPHNQVSLSKQ\*VIYVMSALYLITVVAFVVAAIIAIVVWTIVYLEYRKILRQRKIDRLLDRISERAEDSGNESEGDQEDLSKLMERGHLAPWDVNDL\*H\*WTIVGHSLLWSTCVERGNHHSILCIRC\*GI\*HRGA\*CLGHTCLCTHRP\*PTRSSIRKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKTMCKINPSLCYLKLQ\*F\*VYK\*S\*C\*YYWTK\*C\*FETDGGRNEKLLFQCHRRPKR\*GANRTCIL\*\*T\*CSTN\*KW\*YYKIYVEKL\*HLSHHTGMSKNIL\*TNSHTLLYPSWFCASKV\*\*\*EVQWNRTM\*KC\*HSTMYTWN\*ASSDNSTAIKWQSSRRRSSN\*I\*KFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKQKYTVGRGECIVCHKQNNRRYKTSILCP\*\*SSMEQNFKTGSNKTKRTI\*\*NNNL\*SILRRGPRNCNA\*F\*LWRGIFLL\*YNKPV\*\*YLE\*NTTI\*\*YLE\*YWE\*KYHTSMQNKTNYKQVAGSRKSNVCPSHPRTNKLLLKYYRAAIDKRW\*\*\*YK\*\*NLQTYRRRYEG\*LEK\*II\*I\*SSTN\*AIRTSTHQGKEKSGAKRKKSSGNIRSYVPWVLGSSRKHYGRSVNGADGTGQTITVWYSATAKQFAESY\*GAAAYVATHSLGH\*TAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGRHLAEHDLDAVGERN\*QLHRINIQLT\*NIAKPTRQE\*TRIIGIG\*VGKFMELV\*HNKLAVVYKNIHNDSRRFNRLKNSFYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2001.AY180905.AIDS

MEPVDPRLEPWKHPGSRPKTACTNCFCKKCCYHCQDCFLKKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVNVMQTLTILAIVALVVAAIIAIVVWTIVFIEYKKLLRQKRIDRLIDRIRERAEDSGNESDGDQEELSEIMEMGHLAPWDVDDL\*CCRKIVGHSLLWGTCMERCNYHSILCIRC\*SI\*VRGT\*YLGHTCLCTHRPQPTRSSLGKCDRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCYFRLH\*FEYY\*YQ\*\*YHQYYYYQ\*\*YQ\*YNRDRVRNEKLLFQYHHKHKY\*GKRLCTFL\*T\*YSTS\*\*Y\*\*YQI\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*NVQWNRTMYKYQYSTMYTWNQASSINSTAVKWQFSRRRGND\*I\*QFLEQC\*NHNSTVE\*ICRN\*LYKTQQQYKKKSNSRTRASMVYNRTNNRRYKTSTL\*P\*\*NTMG\*NFTTDN\*KIKRTIWEQNNSL\*SLLRRGPRDCNAQF\*LWRGIFLL\*YITTV\*\*YLE\*Y\*E\*YRKWHYHAPLQNKTNYKHVAGSRESNVCPSHCRKY\*LFIKYYRVVINKRWW\*E\*EQHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSDRSYVPWVLGSSRKHYGRSVNNADGTDQTIVVWYSATAEKSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLPHCCALEC\*LE\*\*ISRGDLE\*HDLDGVGKRN\*QLHKRNIQLN\*RIAEPTRKE\*TRTIGIG\*VGKFVELV\*NNKMAVVYQNIHNDSRRLGRFKNSLCYTFYSK\*S\*AGILTIVIADPLPSPEGTRKARRNRRRRWRARQRQIREI

>B.1997.AY247251.-

MEPVDPRLEPWQHPGSQPKTACTPCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQGSETHQASLSEQ\*VVPVMQSLEIFAIVALVVAAIIAVVVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*CCRSIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSNGKCDRKF\*HVEK\*HGRADA\*GYNQFMGSKPKAMCKINPTLCHFKLHCC\*YH\*W\*HY\*YH\*G\*Y\*YHPHY\*\*SYYYPWY\*RGHEKLLFQYHHRPKR\*SAKRICITL\*A\*YSTNR\*\*\*Y\*L\*IDKL\*HLKHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*\*\*DVQWKWTMYKC\*HSTMYSWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAE\*NCKN\*MYETQQQYKKKHTYRTRESILYNRRYNRKYKTSTL\*RY\*NRME\*GFKTDSYKIKRTI\*K\*NNKISATLRRGPRDCNAQF\*L\*RRIFLL\*YIKTV\*\*YLGVE\*\*YQRLE\*Y\*NVK\*H\*RKWNYHSPMQNKTNCKYVAGSRKSNVCPSHQRTN\*MFIKYYRVAINKRWWLQHQQ\*QRDLQTWRRRYEGQLEK\*IIQI\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAAGY\*GTTASVETHSLGH\*AAPGKSPGCGKIPKGSTAHGDLGLLWKTHLHHYCALEY\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLHK\*DIYLTSRIADPTRKE\*TRIIGIR\*VGKLVELV\*YNTLAVVYKNIHNDSRRPDRFKNSFCCTFYSEKG\*AGIFTIIVSDPPPRPQGTRQARRNRRRRWRERDRTIRAI

>B.1996.AY308760.acute\_infection

MDPVDPRLEPWKHPGSQPKTPCTACYCKKCCFHCQVCFTKKGLGISYGRKKWRQRRRAPHNDQTHQVSLSKQ\*VVHVMQPIQILAIVALVVVAIIAIVVWSIVFIEYRRILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDINDL\*SCRRLVGHSLLWGTCVERSNHHSILCIRCQSI\*YRGT\*CLGHTCLCTHRPQPTRGSIGKCDRKV\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FECH\*HH\*\*WECN\*\*WRGNNGGRRNEKLLFQYHHKHKR\*GEERICNFLYP\*FSTNR\*E\*I\*VDKL\*HLSHYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRIMCKCQHSTMYTWN\*TSSINSTAVKWQPIRRRDNN\*I\*KFHEQC\*NHTSTAE\*NCRN\*LYKTQQQYKKKYTYRTRESILYNRRSNRRYKTSTLYH\*WNKMEQHFRPDS\*KIKRAIWR\*NNNL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNKPV\*\*YLGG\*WYLEWYEWY\*EK\*HYHTPMQNQTNYKHVAASRKSNVCPSHQRTN\*MFIKYYRAAINKRWWWW\*\*QHGDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATTSVATHSLGH\*AAPGKSPGCGNIPTGSTAPGDLGLLWKTHLYHCCALE\*\*LE\*\*ISK\*DLG\*HDLDGVGKRN\*QLHKHNILLN\*RIAEPTRKE\*KGIIGIG\*MGKFVELVQHNKLAVVYKNIHNSSRRLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPSPQGTRQARRNRRRRWRERQRQIQSI

>B.1996.AY308761.acute\_infection

MDPVDPRLEPWKHPGSQPKTPCTACYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRAPNNDQTHQVSLSKQ\*VVHVMQSIQILAIVALVIVTIIAIVVWSIVLIEYRKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALVEMGHHAPWNVDDL\*GCRRLVGHSILWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRGSIGKCDRKV\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*\*Y\*CN\*CECY\*\*S\*CNQ\*WRGNNGGRRNEKLLFLYHHKHKR\*GAERICNFL\*P\*FNTNR\*Y\*L\*VDKL\*HLSHYPGLSKGIF\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMYTWN\*TSSINSTAVKWQSIRRRNNN\*I\*KFHEQC\*NHTSTAE\*NCSN\*LYKTQQQYKKKYTYRTRESILYNRRSNRKYKTSILYP\*YNSMEQHSKPDS\*KIKKTIWK\*NNSF\*AILRRGPRNCNAQF\*LWRRIFLL\*YN\*TV\*\*YLGG\*WYLEWD\*RE\*WE\*HYHTPMQNKTNYKHVAASRKSNVCPSHQRIN\*MFIKYYRVDVNKRWWWW\*\*QHKRDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKLPSGSTAPGDLGLLWKTHLYHCCALE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHTDNILLN\*RIAKPTRKE\*KGLIGIG\*MGKFVELVQHNKLAVVYKNIHNGSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPPPSPQGTRQARRNRRRRWRERQRQIQSI

>B.1996.AY308762.acute\_infection

MDPVDPRLEPWKHPGSQPKTPCTACYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRAPNNDQTHQVSLSKQ\*VVHVMQSIQILAIVALVIVTIIAIVVWSIVLIEYRKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALVEMGHHAPWNVDDL\*GCRRLVGHSILWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRGSIGKCDRKV\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*\*Y\*CN\*CECY\*\*S\*CNQ\*WRGNNGGRRNEKLLFLYHHKHKR\*GAERICNFL\*P\*FNTNR\*Y\*L\*VDKL\*HLSHYPGLSKGIF\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMYTWN\*TSSINSTAVKWQSIRRRNNN\*I\*KFHEQC\*NHTSTAE\*NCSN\*LYKTQQQYKKKYTYRTRESILYNRRSNRKYKTSILYP\*YNSMEQHSKPDS\*KIKKTIWK\*NNSF\*AILRRGPRNCNAQF\*LWRRIFLL\*YN\*TV\*\*YLGG\*WYLEWD\*RE\*WE\*HYHTPMQNKTNYKHVAASRKSNVCPSHQRIN\*MFIKYYRVDVNKRWWWW\*\*QHKRDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKLPSGSTAPGDLGLLWKTHLYHCCALE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHTDNILLN\*RIAKPTRKE\*KGLIGIG\*MGKFVELVQHNKLAVVYKNIHNGSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPPPSPQGTRQARRNRRRRWRERQRQIQSI

>B.1996.AY314044.symptomatic

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQVPLSEQ\*VVHVTNSLEIYSIVALVIVAIIAIVVWSIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CMGHTCLCTHRPQPTRNIFGKCDRKF\*HVEK\*HGRPDA\*GRNQFMGSKPKAMCKINPTLCYFKLH\*FKECY\*YH\*YE\*\*\*\*LGKDGGRRNKKLLFQYHHKHKR\*GKERICTF\*\*T\*CSTNK\*\*\*\*\*\*\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKL\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*QFHEQC\*NYNSTAEKSCNN\*LYKTQQQYKKKYTYTTRESILCNRRNNRRYKTSTL\*H\*\*RSLE\*HFITDS\*KTKRTIWE\*NNSLYPILRRGPRNCNAQF\*LWRGILLL\*YNIIV\*QYLEC\*QYLECY\*RVT\*HYRK\*PIHTPMQDKTNYKYVAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HQQ\*WDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKESSGNRSCAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATASAATHSLGHQTAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLGQHDLVTVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRQIRSI

>B.1996.AY314045.symptomatic

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSEAHQVPLSEQ\*VVHVMNSLEIYSIVALVIVAIIAIVVWSIVFLEYRKILRQRKIDRLIDRISERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CMGHTCLCTHRPQPTRNIFGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FKECY\*YH\*YE\*\*\*\*LGKDGGRRNKKLLFQYHHKHKR\*GKERICTF\*\*T\*CSTNK\*\*\*\*\*\*\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKL\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*QFHEQC\*NYNSTAEKSCNN\*LYKTQQQYKKKYTYTTRESILYNRRNNRRYKTSTL\*H\*\*RSLE\*HFITDS\*KTKRTIWE\*NNSLYPILRRGPRNCNAQF\*LWRGILLL\*YNIIV\*QYLEC\*QYLECY\*RVT\*HYRK\*PIHTPMQDKTNYKYVAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HQQ\*WDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKESSGNRSCAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESYRGATASAATHSLGHQTAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLGQHDLVTVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRQIRSI

>B.1996.AY314046.symptomatic

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQVPLSEQ\*VVHVMNSLEIYSIVALVIVAIIAIVVWSIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHTILCIRC\*SI\*YRGT\*CMGHTCLCTHGPQPTRNIFGKCDGKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FKECY\*YH\*YE\*\*\*\*LGKDGGRRNKKLLFQYHHKHKR\*GKERICTF\*\*T\*CSTNK\*\*\*\*\*\*\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKL\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*QFHEQC\*NYNSTAEKSCNN\*LYKTQQQYKKKYTYTTRESILCNRRNNRRYKTSTL\*H\*\*RSLE\*HFITDS\*KTKRTIWE\*NNSLYPILRRGPRNCNAQF\*LWRGILLL\*YNIIV\*QYLEC\*QYLECY\*RVT\*HYRK\*PIHTPMQDKTNYKYVAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HQQ\*WDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKESSGNRSCAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAQ\*FAESY\*GATASAATHSLGHQTAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLGQHDLVTVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRQIRSI

>B.1996.AY314047.symptomatic

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQVPLSEQ\*VVHVMNSLEIYSIVALVIVAIIAIVVWSIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHTILCIRC\*SI\*YRGT\*CMGHTCLCTHGPQPTRNIFGKCDGKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FKECY\*YH\*YE\*\*\*\*LGKDGGRRNKKLLFQYHHKHKR\*GKERICTF\*\*T\*CSTNK\*\*\*\*\*\*\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKV\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*QFHEQC\*NYNSTAEKSCNN\*LYKTQQQYKKKYTYTTRESILCNRRNNRRYKTSTL\*H\*\*RSLE\*HFITDS\*KTKRTIWE\*NNSLYPILRRGPRNCNAQF\*LWRGILLL\*YNIIV\*QYLEC\*QYLECY\*RVT\*HYRK\*PIHTPMQDKTNYKYVAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HQQ\*WDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKESSGNRSCAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATASAATHSLGHQTAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLGQHDLVTVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRQIRSI

>B.1996.AY314048.symptomatic

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSETHQVPLSEQ\*VVHVMNSLEIYSIVALVIVAIIAIVVWSIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CMGHTCLCTHRPQPTRNIFGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FKECY\*YH\*YE\*\*\*\*LGKDGGRRNKKLLFQYHHKHKR\*GKERICTF\*\*T\*CSTNK\*\*\*\*\*\*\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKL\*R\*KVQWNRTM\*KCQHSTVYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*QFHEQC\*NYNSTAEKSCNN\*LYKTQQQYKKKYTYTTRESILCNRRNNRRYKTSTL\*H\*\*RSLE\*HFITNS\*KTKRTIWE\*NNSLYPILRRGPRNCNAQF\*LWRGILLL\*YNIIV\*QYLEC\*QYLECY\*RVT\*HYRK\*PIHTPMQDKTNYKYVAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HQQ\*GDQGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKESSGNRSCAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATASAATHSLGHQTAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLGQHDLVTVGKRN\*\*LYRINIRLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRQIRSI

>B.1996.AY314049.symptomatic

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQVPLSEQ\*VVHVMNSLEIYSIVALVIVAIIAIVVWSIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CMGHTCLCTHRPQPTRNIFGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINLTLCYFKLH\*FKECY\*YH\*YE\*\*\*\*LGKDGGRRNKKLLFQYHHKHKR\*GKERICTF\*\*T\*CSTNK\*\*\*\*\*\*\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKL\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRISN\*I\*QFHEQC\*NYNSTAEKSCNN\*LYKTQQQYKKKYTYTTRESILCNRRNNRRYKTSTL\*H\*\*RSLE\*HFITDS\*KTKRTIWE\*NNSLYPILRRGPRNCNAQF\*LWRGILLL\*YNIIV\*QYLEC\*QYLECY\*RVT\*HYRK\*PIHTPMQDKTNYKYVAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HQQ\*GDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKESSGNRGCAPWVLGSSRKH\*GRIQHTDGTSQTIIVWYSATAE\*SAEGY\*GATASVATHSLGHQAAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLG\*HDLAAVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRQIRSI

>B.1996.AY314050.symptomatic

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQVPLSEQ\*VVHVMNSLEIYSIVALVIVAIIAIVVWSIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CMGHTCLCTHRPQPTRNIFGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FKECY\*YH\*YE\*\*\*\*LGKDGGRRNKKLLFQYHHKHKR\*GKERICTF\*\*T\*CSTNK\*\*\*\*\*\*\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKV\*R\*KVQWNRTM\*KCQHSTVYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*QFHEQC\*NYNSTAEKSCNN\*LYKTQQQYKKKYTYTTRESILCNRRNNRRYKTSTL\*H\*\*RSLE\*HFITNS\*KTKRTIWE\*NNSLYPILRRGPRNCNAQF\*LWRGILLL\*YNIIV\*QYLEC\*QYLECY\*RVT\*HYRK\*PIHTPMQDKTNYKYVAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HQQ\*WDQGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKESSGNRSCAPWVLGSSRKH\*GRIQHTDGTSQTIIVWYSATAE\*SAEGY\*GATASVATHSLGHQAAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLG\*HDLAAVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRQIRSI

>B.1996.AY314051.symptomatic

MEPVDPRLGPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQVPLSEQ\*VVHVMNSLEIYSIVALVIVAIIAIVVWSIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHTILCIRC\*SI\*YRGT\*CMGHTCLCTHGPQPTRNIFGKCDGKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FKECY\*YH\*YE\*\*\*\*LGKDGGRRNKKLLFQYHHKHKR\*GKERICTF\*\*T\*CSTNK\*\*\*\*\*\*\*L\*VDKL\*RLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKL\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*QFHEQC\*NYNSTAEKSCNN\*LYKTQQQYKKKYTYTTRESILCNRRNNRRYKTRTL\*H\*\*RSLE\*HFITDS\*KTKRTIWE\*NNSLYPILRRGPRNCNAQF\*LWRGILLL\*YNIIV\*QYLEC\*QYLECY\*RVT\*HYRK\*PIHTPMQDKTNYKYVAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HQQ\*WDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKESSGNRSCAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATASAATHSLGHQTAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLGQHDLVTVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRQIRSI

>B.1996.AY314052.symptomatic

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQVPLSEQ\*VVHVMNSLEIYSIVALVIVAIIAIVVWSIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHTILCIRC\*SI\*YRGT\*CMGHTCLCTHGPQPTRNIFGKCDGKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FKECY\*YH\*YE\*\*\*\*LGKDGGRRNKKLLFQYHHKHKR\*GKERICTF\*\*T\*CSTNK\*\*\*\*\*\*\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKL\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*QFHEQC\*NYNSTAEKSCNN\*LYKTQQQYKKKYTYTTRESILCNRRNNRRYKTSTL\*H\*\*RSLE\*HFITDS\*KTKRTIWE\*NNSLYPILRRGPRNCNAQF\*LWRGILLL\*YNIIV\*QYLEC\*QYLECY\*RVT\*HYRK\*PIHTPMQDKTNYKYVAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HQQ\*WDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKESSGNRSCAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATASAATHSLGHQTAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLGQHDLVTVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRQIRSI

>B.1996.AY314053.symptomatic

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQVPLSEQ\*VVHVMNSLEIYSIVALVIVALIAIVVWSIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CMGHTCLCTHRPQPTRNIFGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FKECY\*YH\*YE\*\*\*\*LGKDGGRRNKKLLFQYHHKHKR\*GKERICTF\*\*T\*CSTNK\*\*\*\*\*\*\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKL\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*QFHEQC\*NYNSTAEKSCNN\*LYKTQQQYKKKYTYTTRESILCNRRNNRRYKTSTL\*H\*\*RSLE\*HFITDS\*KTKRTIWE\*NNSLYPILRRGPRNCNAQF\*LWRGILLL\*YNIIV\*QYLEC\*QYLECY\*RVT\*HYRK\*PIHTPMQDKTNYKYVAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HQQ\*GDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKESSGNRSCAPWVLGSSRKHYGRSVNDADGTDQTIIVWYSATAE\*FAESY\*GATASAATHSLGHQTAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLGQHDLVTVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRQIRSI

>B.1996.AY314054.symptomatic

MEPVDPRLEPWKHPGSQPKTACTTCHCKRCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSETHQVPLSEQ\*VVHVMNSLEIYSIVALVIVAIIAIVVWSIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CMGHTCLCTHRPQPTRNIFGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FREYY\*HH\*\*\*LGKDGDRRNKKLLFQYHHKHKR\*GKERICTF\*\*T\*CSTNS\*\*\*\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPSWFCDSKV\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*QFHEQC\*NYNSTAERSCNNQLYKTQQQYKKKYTYSTRESILCNRRNNRRYKTSTL\*H\*\*RSLE\*HFITDS\*KIKRTIWE\*NNSL\*PILRRGPRNCNAQF\*LWRGIFLL\*YNITV\*QYLEWY\*RVN\*HYRRGPIHTPMQDKTNYK\*VAGSRKSNVCPSNRRTN\*MYIKYYRAATNKRWW\*\*HHQ\*WDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKESNGHRRCAPWVLGSTRKHYGRSVNDADGTSQTIIVWYSATAE\*SAEGY\*GATASVATHSLGHQAAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLG\*HDLAAVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRQIRSI

>B.1996.AY314055.symptomatic

MEPVDPRLKPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQVPLSEQ\*VVHVMNSLEIYSIVALVIVAIIAIVVWSIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CMGHTCLCTHRPQPTRNIFGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FKECY\*YH\*YE\*\*\*\*LGKDGGRRNKKLLFQYHHKHKR\*GKERICTF\*\*T\*CSTNK\*\*\*\*\*\*\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKL\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*QFHEQC\*NYNSTAEKSCNN\*LYKTQQQYKKKYTYTTRESILCNRRNNRRYKTSTL\*H\*\*RSLE\*HFITDS\*KTKRTIWE\*NNSLYPILRRGPRNCNAQF\*LWRGILLL\*YNIIV\*QYLEC\*QYLECY\*RVT\*HYRK\*PIHTPMQDKTNYKYVAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HQQ\*WDRGLQTSRRRYEGQLEK\*II\*I\*SSKN\*TIRSTTHQGKEKSGAKRKESSGNRSCAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATASAATHSLGHQTAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLGQHDLVTVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWGERQRQIRSI

>B.1996.AY314056.symptomatic

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQVPLSEQ\*VVHVMNSLEIYSIVALVIVAIIAIVVWSIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHSILYIRC\*SI\*YRGT\*CMGHTCLCTHRPQPTRNIFGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FKECY\*YH\*YE\*\*\*\*LGKDGGRRNKKLLFQYHHKHKR\*GKERICTF\*\*T\*CSTNK\*\*\*\*\*\*\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKL\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*QFHEQC\*NYNSTAERSCNNQLYKTQQQYKKKYTYSTRESILCNRRNNRRYKTSTL\*H\*\*RSLE\*HFITDS\*KIKRTIWE\*NNSLYPILRRGPRNCNAQF\*LWRGILLL\*YNIIV\*QYLEC\*QYLECY\*RVT\*HYRK\*PIHTPMQDKTNYKYVAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HQQ\*WDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKESSGNRSCAPWVLGSSTKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATASAATHSLGHQTAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLGQHDLVTVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRQIRSI

>B.1996.AY314057.symptomatic

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGSGISYGRKKRRQRRRAPQDSETHQVPLSEQ\*VVHVMNSLEIYSIVALVIVAIIAIVVWSIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CMGHTCLCTHRPQPTRNIFGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FREYY\*HH\*\*\*LGKDGDRRNKKLLFQYHHKHKR\*GKERICTF\*\*T\*CSTNS\*\*\*\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPSWFCDSKL\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*QFHEQC\*NYNSTAERSCNNQLYKTQQQYKKKYTYSTRESILCNRRNNRRYKTSTL\*H\*\*RSLE\*HFITDS\*KIKRTIWE\*NNSL\*PILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*QYLEWY\*RVN\*HYRRGPIHTPMQDKTNYK\*VAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HHQ\*GDRGLQTWGRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKESNGSRSCAPWVLGSSRKH\*GRIQHTDGTGQTIIVWYSATAE\*FAESY\*GATASAATHSLGHQTAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLGQHDLVTVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGARKARRNRRRRRRERQRQIRSI

>B.1996.AY314058.symptomatic

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSETHQVPLSEQ\*VVYVMQSLEIYSIVALVIVAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVGMGHDAPWDIHD\*INDL\*CYRKIVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CMGHTCLCTHRPQPTRNIFGKCDRKF\*HVEK\*HGRPDA\*GRNQFMGSKPKAMCKINPTLCYFKLH\*FREYY\*HH\*\*\*LGKDGDRRNKKLLFQYHHKHKR\*GKERICTF\*\*T\*CSTNS\*\*\*\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPSWFCDSKL\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*QFHEQC\*NYNSTAERSCNNQLYKTQQQYKKKYTYSTRESILCNRRNNRRYKTSTL\*H\*\*RSLE\*HFITDS\*KIKRTIWE\*NNSL\*PILRRGPRNCNAQF\*LWRGIFLL\*YNITV\*QYLEWY\*RVN\*HYRRGPIHTPMQDKTNYK\*VAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HHQ\*WDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKESNGSRSCAPWALGSSRKH\*GRIQHTDGTGQTIIDWYSATAE\*FAESY\*GATASAATHSLGHQTAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLGQHDLVTVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRQIRSI

>B.1996.AY314059.symptomatic

MEPVDPRLKPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSETHQVPLSEQ\*VVHVMNSLEIYSIVALVIVAIIAIVVWSIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CMGHTCLCTHRPQPTRNIFGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FREYY\*HH\*\*\*LGKDGGRRNKKLLFQYHHKHKR\*DKERICTF\*\*T\*CSTNS\*\*\*\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPSWFCDSKV\*R\*KVQWNRTM\*KCQHSTMYTWN\*ACSINSTTVKWQSSRRRSSN\*I\*QFHGQC\*NYNSTAERSCNN\*LYKTQQQYKKKYTYTTRESILCNRRNNRRYKTSTL\*H\*\*RSLE\*HFITDS\*KIKRTIWE\*NNSL\*PILRRGPRNCNAQFYVWRGIFLL\*YNITV\*QYLEWY\*RVN\*HYRK\*PTHTPMQDKTNYKYVAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HHQ\*WDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKESNGSRSCAPWVLGSSRKH\*GRIQHTDGTSQTIIVWYSATAE\*SAEGY\*GATASVATHSLGHQAAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLG\*HDLAAVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRQIRSI

>B.1996.AY314060.symptomatic

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQVPLSEQ\*VVHVMNSLEIYSIVALVIVAIIAIVVWSIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHSILYIRC\*SI\*YRGT\*CMGHTCLCTHRPQPTRNIFGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FREYY\*HH\*\*\*LGKDGGRRNKKLLFQYHHKHKR\*DKERICTF\*\*T\*CSTNS\*\*\*\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPSWFCDSKV\*R\*KVQWNRTM\*KC\*HSTMYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*QFHGQC\*NYNSTAERSCNN\*LYKTQQQYKKKYTYTTRESILCNRRNNRRYKTSTL\*H\*\*RSLE\*HFITDS\*KIKRTIWE\*NNSL\*PILRRGPRNCNAQFYVWRGIFLL\*YNITV\*QYLEWY\*RVN\*HYRK\*PTHTPMQDKTNYKYVAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HHQ\*WDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKESSGNRSCAPWVLGSSRKH\*GRIQHTDGTGQTIIVWYSATAE\*FAESY\*GATASAATHSLGHQTAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLGQHDLVTVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRQIRSI

>B.1996.AY314061.symptomatic

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSETHQVPLSEQ\*VVHVMNSLEIYSIVALVIVAIIAIVVWSIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CMGHTCLCTHRPQPTRNIFGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FREYY\*HH\*\*\*LGKDGGRRNKKLLFQYHHKHKR\*DKERICTF\*\*T\*CSTNS\*\*\*\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPSWFCDSKV\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*QFHGQC\*NYNSTAERSCNN\*LYKTQQQYKKKYTYTTRESILCNRRNNRRYKTSTL\*H\*\*RSLE\*HFITDS\*KIKRTIWE\*NNSL\*PILRRGPRNCNAQFYVWRGIFLL\*YNITV\*QYLEWY\*RVN\*HYRK\*PTHTPMQDKTNYKYVAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HHQ\*GDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKESSGNRSCAPWVLGSSRKH\*GRIQHTDGTSQTIIVWYSATAE\*SAEGY\*GATASVATHSLGHQAAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLG\*HDLAAVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRQIRSI

>B.1996.AY314062.symptomatic

MGPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQVPLSEQ\*VVHVMNSLEIYSIVALVIVAIIAIVVWSIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHFILCIRC\*SI\*YRGT\*CMGHTCLCTHRPQPTRNIFGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FKECY\*YH\*YE\*\*\*\*LGKDGGRRNKKLLFQYHHKHKR\*GKERICTF\*\*T\*CSTNK\*\*\*\*\*\*\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKA\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*QFHEQC\*NYNSTAEKSCNN\*LYKTQQQYKKKYTYTTRESILCNRRNNRRYKTSTL\*H\*\*RSLE\*HFITDS\*KTKRTIWE\*NNSLYPILRRGPRNCNAQF\*LWRGILLL\*YNIIV\*QYLEC\*QYLECY\*RVT\*HYRK\*PIHTPMQDKTNYKYVAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HQQ\*WDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TITSSTHQGKEKSGAKRKESSGNRSCAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATASAATHSLGHQTAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLGQHDLVTVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGVIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRQIRSI

>B.1996.AY314063.symptomatic

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRPPQDSETHQVPLSEQ\*VVHVMNSLEIYSIVALVIVAIIAIVVWSIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSALVEMGHDAPWDIHD\*INNL\*CYRKIVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CMGHTCLCTHRPQPTRNIFGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FREYY\*HH\*\*\*LGKDGDRRNKKLLFQYHHKHKR\*GKERICTF\*\*T\*CSTNS\*\*\*\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPSWFCDSKL\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*QFHEQC\*NYNSTAERSCNNQLYKTQQQYKKKYTYSTRESILCNRRNNRRYKTSTL\*H\*\*RSLE\*HFITDS\*KIKRKTIWE\*NNSL\*PILRRGPRNCNAQF\*LWRGIFLL\*YNITV\*QYLEWY\*RVN\*LYRRGPIHTPMQDKTNYK\*VAGSRKSNVCPSHRRTN\*MYIKYYRAATNKRWW\*\*HHQ\*WDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKESNGSRSCAPWVLGSSRKH\*GRIQHTGGTGQTIIVWYSATAE\*FAESY\*GATASAATHSLGHQTAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NSGTNLGQHDLVTVGKRN\*\*LYRINIQLN\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIYNGSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRQIRPI

>B.1997.AY331282.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRSPQDSQTHQDYLSKQ\*VVYVMQPLGIIGIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHYAHHAPWDINDL\*C\*\*KIVGHSLLWGTCVEGSNHHSILCIRC\*SIQNRGT\*CLGHTCLCTHRPQPTRSSNXKCDRKL\*HVXK\*HGRTNA\*GYNQFMGSKSKAMCKINPTLCYFKLH\*LTEW\*LYQ\*W\*RGSNGERRNEKLLF\*SYHTHER\*DAKRICIVV\*T\*YNTNRG\*FQLQVDKL\*HLKCYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*SKELHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTTERNCKN\*LYKTQQQYKKKYKYRTRESILCNRRNNRRYKTSTL\*P\*WDTME\*NFTSDS\*KIRRTIWE\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTTVW\*YLGV\*\*YLECYQ\*QYRK\*HNHTPMQNKTIYKHVARSRKSNVCPSHQRTN\*MFIKYYRDTINKRWR\*W\*\*HDRDLQTWRRRYEGQLEK\*II\*I\*SSKD\*TLRSSTH\*GKEKSGAERKKSSTRGTRSCVHWVLGSSRKHYGRSVSNADGTGQTTTVWYSATAEQSAESY\*GATASVATHSLGHQAAPXKSPSCXKIPKGSTAPGNLGLLWKTHLHHFCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*\*LHRLNIFLN\*RITKPTRKE\*TRIIRIG\*MGKFVELV\*HNTLAVVYKNIHNNSRRLSRSKNSFCCTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIREI

>B.1997.AY331283.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRSPQDSQTHQDYLSKQ\*VVYVMQPLGIIGIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHYAHHAPWDINDL\*C\*\*KIVGHSLLWGTCVEGSNHHSILCIRC\*SIQNRGT\*CLGHTCLCTHRPQPTRSSNEKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKSKAMCKINPTLCYFKLH\*LTEW\*LYQ\*W\*RGSNGERRNEKLLF\*SYHTHER\*DAKRICIVV\*T\*YNTNRG\*FQLQVDKL\*HLKCYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*SKELHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTTERNCKN\*LYKTQQQYKKKYKYRTRESILCNRRNNRRYKTSTL\*P\*WDTME\*NFTSDS\*KIRRTIWE\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTTVW\*YLGV\*\*YLECYQ\*QYRK\*HNHTPMQNKTIYKHVARSRKSNVCPSHQRTN\*MFIKYYRDTINKRWR\*W\*\*HDRDLQTWRRRYEGQLEK\*II\*I\*SSKD\*TLRSSTH\*GKEKSGAERKKSSTRGTRSCVHWVLGSSRKHYGRSVSNADGTGQTTTVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPSCRKIPKGSTAPGNLGLLWKTHLHHFCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*\*LHRLNIFLN\*RITKPTRKE\*TRIIRIG\*MGKFVELV\*HNTLAVVYKNIHNNSRRLSRSKNSFCCTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIREI

>B.1997.AY331284.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPPSSENNQVSLSKQ\*VVHVMQSIKILAIVALVVAAIIAIIVWTLVLIEYRKLLRQRKIDRLIDRIAERAEDSGNESDGDQEELSTLMEMGHHAPWDIDDL\*CCREMGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*\*FGE\*\*Y\*QQ\*LGQGRDEKMLFQYHHKHKR\*DAERICTFL\*T\*YSTNR\*W\*E\*\*YQYQL\*VDKL\*HLSHYTGLSKDNL\*ANSNTLLCPGWFCDSKV\*Q\*DVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRYSN\*I\*EFHEQC\*NHNSTAERICTN\*LYKT\*QQYKKRYTYRTRESILCNRTNNRRYKKSIL\*H\*\*NKVEQHFNTGS\*KIKRTIWE\*NNSL\*SILRRGPRNCNAQL\*LWRGIFLL\*YNTTV\*\*YLEC\*CYCK\*HGRK\*HPHTPMQNKTNYKHVARGRKSNVCPSHPRDN\*LFIKYHRAIINKRWWK\*KQA\*RDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TTRSSTHQGKKKSGAERKKSNRNGSVVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGFGKIPKGSTAPRDVGLLWKTHLHHYCALE\*\*LE\*\*ISK\*YLG\*HDLDGVGKRN\*QLHKFNIHLNSRIAEPTRKK\*TRIIGIG\*VGKPVELV\*HIKMAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGILTIVISDPPPSSKGTRQARRNRRRRWRERQRHIQAI

>B.1997.AY331285.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRRTPQDSKTHQDPLSKQ\*VVYVMHSLQIAAIAALVIVAIIAIVVWSIVFIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCSTIVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRTSIGKCDRKF\*HVE\*YHGRTDA\*GYNQFMGSKSKAMCKINPTLCYFKLH\*CNECY\*YQCY\*YQ\*\*\*RGSGEWRNKELLFQHHHKRKR\*GAERICTFL\*T\*YSTNNK\*E\*QI\*VDKL\*HLSPYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*NVQWERTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRKRGNN\*I\*QFLGQC\*KHNSATERICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRKYKTSTL\*H\*\*IKME\*HFKTDSCKIRRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNKTV\*\*YLD\*GG\*\*WYLEWYYRVK\*HCRK\*HNHTPM\*NKTNYKHVAGSGKSNVCPSHQRTN\*MFIKYYRADINKRWR\*GR\*\*WE\*DPRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEESGAKRKKSSGIRSYVPWVLRSSRKRYGRSVNDADGTGQTITVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGLLWKTHMHH\*CALGY\*XE\*\*NSG\*YLG\*\*HDLDGVGKRN\*QLHKHNIHLT\*RSTVSTGKX\*KRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSK\*N\*AGILTIIVPDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.AY331286.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRRTPQDSKTHQDPLSKQ\*VVYVMHSLQIAAIAALVIVAIIAIVVWSIVFIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCSTIVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRTSIGKCDRKF\*HVE\*YHGRTDA\*GYNQFMGSKSKAMCKINPTLCYFKLH\*CNECY\*YQCY\*YQ\*\*\*RGSGEWRNKELLFQHHHKRKR\*GAERICTFL\*T\*YSTNNK\*E\*QI\*VDKL\*HLSPYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*NVQWERTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRKRGNN\*I\*QFLGQC\*KHNSATERICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRKYKTSTL\*H\*\*IKME\*HFKTDSCKIRRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNKTV\*\*YLD\*GG\*\*WYLEWYYRVK\*HCRK\*HNHTPM\*NKTNYKHVAGSGKSNVCPSHQRTN\*MFIKYYRADINKRWR\*GR\*\*WE\*DPRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEESGAKRKKSSGIRSYVPWVLRSSRKRYGRSVNDADGTGQTITVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGLLWKTHXHH\*CALGY\*LE\*\*NSG\*YLG\*\*HDLDGVGKRN\*QLHKHNIHLT\*RSTVSTGKE\*KRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSK\*N\*AGILTIIVPDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.AY331287.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRRTSKDSQTHQVSLSKQ\*VIHVMQSLPIVAIVALVVTGIIAIVVWTIVGIEYRRILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHLALWDVNDL\*YCRKIVGHSLLWGTCVERSKRHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGXKLKAMCKINPTLCYFKLH\*REEWY\*YHR\*\*RESDRKWRSKKLLFQYHHNCKR\*GEKRICSLL\*T\*CSTNKG\*Q\*\*Y\*L\*INKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSQV\*\*\*EFQWNRTMYKCQHSTMYTWN\*TSGINSTTVKWQSSRKRSSN\*I\*KLLGKC\*NHNSTAKCICTN\*LYKAQQ\*YKKRYTYRTREGILCNRHNRRNKTSTL\*H\*\*TKLE\*HFKKDS\*QIKRTIWE\*NNSL\*\*TLRRGSRSCSTQF\*LWRGILLL\*YNATV\*\*YLAC\*\*YFE\*YFEW\*VK\*\*YHHTPMQNKTNXKYVAGSRKSNVCPSHQGTN\*VFIKYYRAAINKRWWKN\*WNRXPERDLQTWRRKYEGQLEK\*IIQI\*SSKS\*TIRNSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTSQTITVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGVLWKTHLHHYCALEC\*LE\*\*ISGLHLGKHDLDGVGKRN\*QLHKLHIHLT\*KLXKSARKE\*TRIIGIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRFDRFKNSFYCTCYSE\*S\*AGILTLVVSDPPPSPGGTRQARRNRRRRWRERQRQIRTL

>B.1997.AY331288.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRRTSKDSQTHQVSLSKQ\*VIHVMQSLPIVAIVALVVTGIIAIVVWTIVGIEYRRILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHLALWDVNDL\*YCRKIVGHSLLWGTCVERSKRHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGXKLKAMCKINPTLCYFKLH\*REEWY\*YHR\*\*RESDRKWRSKKLLFQYHHNCKR\*GEKRICSLL\*T\*CSTNKG\*Q\*\*Y\*L\*INKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSQV\*\*\*EFQWNRTMYKCQHSTMYTWN\*TSGINSTTVKWQSSRKRSSN\*I\*KLLGKC\*NHNSTAKCICTN\*LYKAQQ\*YKKRYTYRTREGILCNRHNRRNKTSTL\*H\*\*TKLE\*HFKKDS\*QIKRTIWE\*NNSL\*\*TLRRGSRSCSTQF\*LWRGILLL\*YNATV\*\*YLAC\*\*YFE\*YFEW\*VK\*\*YHHTPMQNKTNXKYVAGSRKSNVCPSHQGTN\*VFIKYYRAAINKRWWKN\*WNRXPERDLQTWRRKYEGQLEK\*IIQI\*SSKS\*TIRNSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTSQTITVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGVLWKTHLHHYCALEC\*LE\*\*ISGLHLGKHDLDGVGKRN\*QLHKLHIHLT\*KLXKSARKE\*TRIIGIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRFDRFKNSFYCTCYSE\*S\*AGILTLVVSDPPPSPGGTRQARRNRRRRWRERQRQIRTL

>B.1997.AY331289.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAHQDSQIHQVPVPKQ\*VIHVMYPLQILAIVSLVVVVIIAIVVWTIVGIEYMKIRKHRKIDRLIDRITERAEDSGNDSDGDQEELATLMEMGHDAPWDVNDL\*CCTIVGHSLLWGTCVERRNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSNIGKCNRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*C\*VEWY\*CHYNRDRRNKKLLFQNLHNCKR\*GKETICTFL\*S\*CNTIR\*\*\*\*\*YY\*L\*VEKL\*YLSRYTSLSKGILRANSHTLLYPSWFCNSKV\*\*\*DIQWNRTM\*KCQHSTVYSWN\*ASSINSTAVKWQSSRRRDSN\*I\*KFHKQC\*SHNSTAK\*NCTH\*LYKAQQQYKKEYRYGTRESILCNRRHNRRHKTGTL\*R\*\*SKME\*DSTTDSYKIKRTIWGK\*NNSLSKLLRRGPRNYNAQF\*LWRGIFLL\*YNTTV\*\*YLELE\*YSD\*\*YSD\*\*LAKCHYHTFMQNKTVYKHVAGSRKSNVCPSH\*GTNKLFIKYYRVAINKRWW\*RERHQQQHRGLQTYRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAESY\*GTTTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLPHCCALEC\*LE\*\*KSKSNLGKHDLDGVGKRN\*QLYRFNIQLN\*TIAEPTRKE\*TRIIGIG\*VGKLVELV\*HNKMAVVHKNIHNDSRRLDRIKNSFCCTFYSK\*S\*AGVFTTLVADPPPSSEGTRQARRNRRRRWRERQRQIRAL

>B.1997.AY331290.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAHQDSQIHQVPVPKQ\*VIHVMYPLQILAIVSLVVVVIIAIVVWTIVGIEYMKIRKHRKIDRLIDRITERAEDSGNDSDGDQEELATLMEMGHDAPWDVNDL\*CCTIVGHSLLWGTCVERRNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSNIGKCNRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*C\*VEWY\*CHYNRDRRNKKLLFQNLHNCKR\*GKETICTFL\*S\*CNTIR\*\*\*\*\*YY\*L\*VEKL\*YLSRYTSLSKGILRANSHTLLYPSWFCNSKV\*\*\*DIQWNRTM\*KCQHSTVYSWN\*ASSINSTAVKWQSSRRRDSN\*I\*KFHKQC\*SHNSTAK\*NCTH\*LYKAQQQYKKEYRYGTRESILCNRRHNRRHKTGTL\*R\*\*SKME\*DSTTDSYKIKRTIWGK\*NNSLSKLLRRGPRNYNAQF\*LWRGIFLL\*YNTTV\*\*YLELE\*YSD\*\*YSD\*\*LAKCHYHTFMQNKTVYKHVAGSRKSNVCPSH\*GTNKLFIKYYRVAINKRWW\*RERHQQQHRGLQTYRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAESY\*GTTTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLPHCCALEC\*LE\*\*KSKSNLGKHDLDGVGKRN\*QLYRFNIQLN\*TIAEPTRKE\*TRIIGIG\*VGKLVELV\*HNKMAVVHKNIHNDSRRLDRIKNSFCCTFYSK\*S\*AGVFTTLVADPPPSSEGTRQARRNRRRRWRERQRQIRAL

>B.1996.AY331291.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRSPEDSQIHQVSLSKQ\*VVRVMQALQIVATVALVVAAIIAIVVWSIVFIEYRKILRQRKIDSLIDRIRERAEDSGNESDGDQEELSVLVERGHLAPWDVNDL\*HCRTVVGHSLLWGTCVERSKHHFILCIRC\*SI\*YRGT\*CLGYTCLRTHRPQPTRSSTGKCDRKF\*HVEK\*HGRTNAGGYNQFMGSKPKAMCKINPTLCYFKLH\*FGK\*N\*\*W\*\*YH\*W\*LGRRNEKLLFQYHLKHKR\*DAERICTFL\*I\*YNINRK\*\*YRI\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*GYKVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KYHEQC\*NHNSTAK\*ICNN\*LRKAQQQYTKKYKYRTRESILYNRRNNRRYKTSTL\*H\*YNKME\*HFKTDS\*QIKRTIGEK\*NNNL\*SILRRGPRNCNAQF\*LWRGVFLL\*YNKTV\*\*YLESD\*C\*RVK\*H\*RK\*HTHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*REWGH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKNSGTRSFVPWVLGSSRKHYGRSVVDADGTGQTITVWYSAAAEQFAESY\*GATPAVATHSLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGNDLG\*HDLDGVGKRN\*QLHRPNIQLN\*TIAEPARKE\*TRLIGVR\*MGKFVELV\*HNKLAVVYKNIHNSSRRLGRFKNSFHCTYYSEQS\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIQSI

>B.1996.AY331292.-

MEPVDPRLEPWEHPGSQPKTACTSCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRSPQDSKTHQASLSKQ\*VVYVMQSLIIASILALVVVAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALEMGRLVPWDVDNL\*C\*KRLVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRTF\*YMGK\*HGRTNA\*GYNQFMG\*KPKAMCKINPTLCYFKLH\*LY\*\*QY\*K\*ENQ\*RLEQYYRNEKLLFQNNHRHER\*DAESICTFL\*A\*YSTNR\*\*\*Y\*\*D\*HQP\*LYQL\*VNKL\*HLSHYTGLSKGIL\*AHSHTFLCPGWFCDSKV\*QQELHRKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSX\*ICQFL\*QC\*NHNSTAK\*NCSN\*LYKT\*QQYKKKYTYRTRESILCNRRNNRRYKTXTLYP\*WNTME\*HFKTDSFKIKRTI\*G\*NNSL\*SLLRRGPRNCKALF\*LCRGIFLL\*YNKTV\*\*YLAW\*\*NILE\*Y\*KVK\*HYHTPMQNKTNYKHVAGSRKSNVCPSNRRTN\*LFIKYYGAAINKRWW\*EQ\*SD\*DLQTWRRRYEGQLEK\*TI\*I\*SSKN\*TSRSSTHQGKEKSGAERQKSSGTRSVVHWVLGSSRKHYGRSVNDTDGTGQTIIVWYSATAEQLAEGY\*GATTSVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALE\*\*LE\*\*ISG\*DLE\*HDLDAVGKRN\*QLHRCNIQLT\*RIAKPTRKE\*TRIIAIR\*MGKFVDLV\*HNKMAVVYKNSHNDNRRLNRIKNSFCCTFYSE\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRARQRHIRDL

>B.1996.AY331293.-

MEPVDPRLEPWEHPGSQPKTACTSCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRSPQDSKTHQASLSKQ\*VVYVMQSLIIASILALVVVAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALEMGRLVPWDVDNL\*C\*KRLVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRTF\*YMGK\*HGRTNA\*GYNQFMG\*KPKAMCKINPTLCYFKLH\*LY\*\*QY\*K\*ENQ\*RLEQYYRNEKLLFQNNHRHER\*DAESICTFL\*A\*YSTNR\*\*\*Y\*\*D\*HQP\*LYQL\*VNKL\*HLSHYTGLSKGIL\*AHSHTFLCPGWFCDSKV\*QQELHRKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*ICQFL\*QC\*NHNSTAK\*NCSN\*LYKT\*QQYKKKYTYRTRESILCNRRNNRRYKSSTLSP\*WNTME\*HFKTDSFKIKRTI\*G\*SNSL\*SLLRRGPRNCKALF\*LCRGIFLL\*YNKTV\*\*YLAW\*\*NILE\*Y\*KVK\*HYHTPMQNKTNYKHVAGSRKSNVCPSNRRTN\*LFIKYYGAAINKRWW\*EQ\*SD\*DLQTWRRRYEGQLEK\*TI\*I\*SSKN\*ASRSSTHQGKEKSGAERQKSSGTRSVVHWVLGSSRKHYGRSVNDTDGTGQTIIVWYSATAEQLAEGY\*GATTSVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALE\*\*LE\*\*ISG\*DLE\*HDLDAVGKRN\*QLHRCNIQLT\*RIAKPTRKE\*TRIIAIR\*MGKFVDLV\*HNKMAVVYKNSHNDNRRLNRIKNSFCCTFYSE\*SXAGILTIVVSDPPPSQEGTRQARRNRRRRWRARQRHIRDL

>B.1998.AY331294.-

MDPVDPKLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPPDSQIDQASLPKQ\*VVPVMPSLYILGIVALVVAAILAIVVWSIVLIEYRKILKQKKIDKIIDRIRERAEDSGNESEGDQEELSALVEMGHYAHHAPWNIDDL\*SCRTVVGHSLLWGTCVERSKNHSILCVRC\*SI\*YRST\*CLGHTCLCTHRPQPTRTSIGKCDRKL\*CMGK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLQ\*FKYHH\*\*YHWY\*RVNNG\*RRNEKLLFQYHHRHKQ\*EAETVCTFL\*T\*CSTNE\*\*\*\*\*L\*ADKL\*HLSHYTGLSKGIL\*ANSHILLCPSWVCDSKM\*\*\*IVQWKRRM\*KCQHSAMYTWN\*ASSIYSIAVKWQSSRRRCNNQI\*QFHGQC\*NHNSTTERNCRYSLYKAQQ\*YKKTYNYGTRESILYNRTNNRRYKTSTL\*P\*\*SKME\*HFKKGS\*KIKRKI\*\*NNSL\*SILRRRPRNCNAHF\*LWRGIFLLQLNQTI\*\*HLG\*\*\*R\*H\*NK\*TK\*WKKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MYIKYYRATINKRWWQEQWH\*WDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHHGKETSGAERKKSSDTRSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQLAEGY\*GATTSVATHGLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*I\*E\*DLE\*HDLDAMGQRNS\*LHKLNIHLNWRIANPARKK\*TRTIGIK\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYNE\*S\*AGILTIIISDPPPNPEGTRQARRNRRKRWRERQRQIRTI

>B.1998.AY331295.-

MDPVDPKLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPPDSQIDQASLPKQ\*VVPVMPSLYILGIVALVVAAILAIVVWSIVLIEYRKILKQKKIDKIIDRIRERAEDSGNESEGDQEELSALVEMGHYAHHAPWNIDDL\*SCRTVVGHSLLWGTCVERSKNHSILCVRC\*SI\*YRST\*CLGHTCLCTHRPQPTRTSIGKCDRKL\*CMGK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLQ\*FKYHH\*\*YHWY\*RVNNG\*RRNEKLLFQYHHRHKQ\*EAETVCTFL\*T\*CSTNE\*\*\*\*\*L\*ADKL\*HLSHYTGLSKGIL\*ANSHILLCPSWVCDSKM\*\*\*IVQWKRRM\*KCQHSAMYTWN\*ASSIYSIAVKWQSSRRRCNNQI\*QFHGQC\*NHNSTTERNCRYSLYKAQQ\*YKKTYNYGTRESILYNRTNNRRYKTSTL\*P\*\*SKME\*HFKKGS\*KIKRKI\*\*NNSL\*SILRRRPRNCNAHF\*LWRGIFLLQLNQTI\*\*HLG\*\*\*R\*H\*NK\*TK\*WKKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MYIKYYRATINKRWWQEQWH\*WDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHHGKETSGAERKKSSDTRSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQLAEGY\*GATTSVATHGLGHQAAPGKSPGCGKIPRGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*I\*E\*DLE\*HDLDAMGQRNS\*LHKLNIHLNWRIANPARKK\*TRTIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYNE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.1999.AY331296.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKQCCFHCQVCFLRKGLGISYGRKKRRQRRRTPPENQTHQVSLSKQ\*VVHVMQPLHILAIVGLVLAIIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDVDDL\*CCRTVVGHSLLWGTCVERSNHHSILCIRC\*SI\*\*RGT\*CLGHTCLCTHRPQPTRSSIECDRKI\*HVEKQHGRSDA\*GYN\*FMGPKPKAMCKINPTLCHFKLH\*CGKCYQYY\*\*LGKDGARRNKKLLFQCHHKHKR\*GAERICSFL\*T\*CSTNR\*YR\*WY\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*Q\*NIQWIRTM\*\*CQHSTVYTWNQASSINSTTVKWQSSRRRGSN\*I\*KFHEQC\*NHNSSAERICNN\*LYKTQQQYKKKYKYRARKSILCNRRYNRRYKTSTL\*Y\*RKSME\*NFKTDSYKIKRTI\*E\*NNSL\*SIHRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*YLEWYRRVK\*YK\*QNYHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRAAINKRWW\*\*\*QQRYS\*DLQTWRRRYEG\*LEK\*II\*I\*SSKS\*TIRNSTHQGKEKNGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATAHVATHSLGHQAAPGKSPSCGEIPKGSTAPRDLGLLWKTHLHHFCALE\*\*LE\*\*KSDCDLG\*HDLDAMGKRN\*QLHKLNLQLT\*RIAKPTRKE\*TRIVGIG\*MGKFVELV\*HNKLAVVYKIIHNDSRRLDRFKNSFCCAFYSKKS\*AGILTIIVTDPPPSSEGTRQARRNRRRRWRARQRQIHSI

>B.1999.AY331297.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKQCCFHCQVCFLRKGLGISYGRKKRRQRRRTPPENQTHQVSLSKQ\*VVHVMQPLHILAIVGLVLAIIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDVDDL\*CCRTVVGHSLLWGTCVERSNHHSILCIRC\*SI\*\*RGT\*CLGHTCLCTHRPQPTRSSIECDRKI\*HVEKQHGRSDA\*GYN\*FMGPKPKAMCKINPTLCHFKLH\*CGKCYQYY\*\*LGKDGARRNKKLLFQCHHKHKR\*GAERICSFL\*T\*CSTNR\*YR\*WY\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*Q\*NIQWIRTM\*\*CQHSTVYTWNQASSINSTTVKWQSSRRRGSN\*I\*KFHEQC\*NHNSSAERICNN\*LYKTQQQYKKKYKYRARKSILCNRRYNRRYKTSTL\*Y\*RKSME\*NFKTDSYKIKRTI\*E\*NNSL\*SIHRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*YLEWYRRVK\*YK\*QNYHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRAAINKRWW\*\*\*QQRYS\*DLQTWRRRYEG\*LEK\*II\*I\*SSKS\*TIRNSTHQGKEKNGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATAHVATHSLGHQAAPGKSPSCGEIPKGSTAPRDLGLLWKTHLHHFCALE\*\*LE\*\*KSDCDLG\*HDLDAMGKRN\*QLHKLNLQLT\*RIAKPTRKE\*TRIVGIG\*MGKFVELV\*HNKLAVVYKIIHNDSRRLDRFKNSFCCAFYSKKS\*AGILTIIVTDPPPSSEGTRQARRNRRRRWRARQRQIHSI

>B.1997.AY332236.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPPSSENNQVSLSKQ\*VVHVMQSIKILAIVALVVAAIIAIIVWTLVLIEYRKLLRQRKIDRLIDRIAERAEDSGNESDGDQEELSTLMEMGHHAPWDIDDL\*CCREMGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*\*FGE\*\*Y\*QQ\*LGQGRDEKMLFQYHHKHKR\*DAERICTFL\*T\*YSTNR\*W\*E\*\*YQYQL\*VDKL\*HLSHYTGLSKDNL\*ANSNTLLCPGWFCDSKV\*Q\*DVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRYSN\*I\*EFHEQC\*NHNSTAERICTN\*LYKT\*QQYKKRYTYRTRESILCNRTNNRRYKKSIL\*H\*\*NKVEQHFNTGS\*KIKRTIWE\*NNSL\*SILRRGPRNCNAQL\*LWRGIFLL\*YNTTV\*\*YLEC\*CYCK\*HGRK\*HPHTPMQNKTNYKHVARGRKSNVCPSHPRDN\*LFIKYHRAIINKRWWK\*KQA\*RDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TTRSSTHQGKKKSGAERKKSNRNGSVVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGFGKIPKGSTAPRDVGLLWKTHLHHYCALE\*\*LE\*\*ISK\*YLG\*HDLDGVGKRN\*QLHKFNIHLNSRIAEPTRKK\*TRIIGIG\*VGKPVELV\*HIKMAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGILTIVISDPPPSSKGTRQARRNRRRRWRERQRHIQAI

>B.1996.AY332237.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRSPEDSQIHQVSLSKQ\*VVRVMQALQIVATVALVVAAIIAIVVWSIVFIEYRKILRQRKIDSLIDRIRERAEDSGNESDGDQEELSVLVERGHLAPWDVNDL\*HCRTVVGHSLLWGTCVERSKHHFILCIRC\*SI\*YRGT\*CLGYTCLRTHRPQPTRSSTGKCDRKF\*HVEK\*HGRTNAGGYNQFMGSKPKAMCKINPTLCYFKLH\*FGK\*N\*\*W\*\*YH\*W\*LGRRNEKLLFQYHLKHKR\*DAERICTFL\*I\*YNINRK\*\*YRI\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*GYKVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KYHEQC\*NHNSTAK\*ICNN\*LRKAQQQYTKKYKYRTRESILYNRRNNRRYKTSTL\*H\*YNKME\*HFKTDS\*QIKRTIGEK\*NNNL\*SILRRGPRNCNAQF\*LWRGVFLL\*YNKTV\*\*YLESD\*C\*RVK\*H\*RK\*HTHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*REWGH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKNSGTRSFVPWVLGSSRKHYGRSVVDADGTGQTITVWYSAAAEQFAESY\*GATPAVATHSLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGNDLG\*HDLDGVGKRN\*QLHRPNIQLN\*TIAEPARKE\*TRLIGVR\*MGKFVELV\*HNKLAVVYKNIHNSSRRLGRFKNSFHCTYYSEQS\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIQSI

>B.1984.AY352275.-

MEPVDPNLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRQRAPDSSQNHQDSLSKQ\*VVHVM\*SLTILAIVAIVVVTIIAIVIWTIVLIKYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSVLVEMGHDAPWDVNDL\*CCRKFVGHSLLWGTCVERCNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPPRSSIGKCDRKF\*HVEK\*HGRPDA\*GYSQFMGSKPKAMCKINPTLCYFKLH\*LFGECY\*YQQ\*\*WGNGGERRNKKLLFQYHHRHKR\*GTEGICIFL\*T\*CSTNR\*\*\*Y\*YQL\*VDTL\*FLSHYTDLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWKRSMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*QFHEQC\*NHISTAECICRN\*LYKTQQQ\*KKKDN\*WTRESTLYNRRNNRRYKKSIL\*H\*\*SKME\*NFRTGSYKIKRTIWE\*NNSI\*TILRRRPRNCNAQF\*L\*RGIFLL\*YNKTV\*\*YLE\*K\*YLECYWK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHRRTN\*MFIKYYRAAINKRWWW\*QEQYHRDL\*TCRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSDRSYVPWVLGSSRKHYGRSVNNADGTGQKTIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHKLNIHLT\*RIAKPTRKE\*TRVIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFCCAFYSK\*S\*AGILTIIISDPHPSPEGTRQARRNRRRRWRERQRQIHSI

>B.1999.AY423381.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKWRQRQRTPQDSQNHQVSLSKQ\*VIYVMQSLTIVAIVALVVAAIIAIVVWTIVFIEYRKILRQKKIDRLIDRIREKAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSLLCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRTSIRKCDRKF\*YVEK\*HGRTDA\*GHNQFMG\*KPKTMCEINPTLCYFKLH\*CQYY\*FQ\*YY\*FQ\*\*\*FGTDDKRNKKLLFQCHHNHKK\*ETERICTVE\*T\*YSTNR\*\*\*L\*LYVDKL\*YLSHYTGLSKGILSTNSHTLLYPGWFCDSKM\*\*\*EV\*WNGTM\*KCQHSTMYTWN\*ASGVNPITVKWQSSRRRGSN\*I\*KFHRQY\*NHNSTAEGICRN\*LYKTQQ\*YKKKYTYRTRESILCNRRNNRRYKTSTL\*P\*\*SKME\*HFKPDSYKIKRII\*E\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLGCECYWEWYYRIK\*HYNTLMQNKTNYKQVAGSRKSNVCPSHRRTN\*LFIKHHRAAINKGWW\*EREQHRDL\*TWRRRYERQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSNNARSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSTAPRNLGLLWKTHLHHYCALEC\*LE\*\*ISKSDLE\*HDLDAVGERN\*QLHKFNIHSN\*RLAETTRKE\*TRIIGIGYMGKFVELV\*HNKLAVVYKNIHNDSRRFSRVKNSFYCTFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIQSI

>B.2000.AY423382.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKWRQRRRTPQDSQNHQVSLSKQ\*VIYVMQSLTIVAIVALVVAAIIAIVVWTIVFIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHTLLCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRTSIRKCDRKF\*YVEK\*HGRTDA\*GHNQFMG\*KPKTMCEINPTLCYFKLH\*CQYY\*FQ\*YY\*FQ\*\*\*\*FGTDDKRNKKLLFQCHHNHKK\*ETERICTVE\*T\*YSTNR\*\*\*L\*LYVDKL\*YLSHYTGLSKGILSTNSHTLLYPGWFCDSKM\*\*\*EV\*WNGTM\*KCQHSTMYTWN\*ASGVNPITVKWQSSRRRGSN\*I\*KFHRQY\*NHNSTAEGICRN\*LYKTQQ\*YKKKYTYRTRESILCNRRNNRRYKTSTL\*P\*\*SKME\*HFKPDSYKIKRII\*E\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLGCECYWEWYYRIK\*HYNTLMQNKTNYKQMAGSRKSNVCPSHXRTN\*LFIKHHRAAINKGWW\*EREQHRDL\*TWRRRYERQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSNNARSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSTAPRNLGLLWKTHLHHYCALEC\*LE\*\*ISESDLE\*HDLDAVGERN\*QLHKFNIHSN\*RLAETTRKK\*TRIIGIGYMGKFVELV\*HNKLAVVYKNIHNDSRRFSRVKNSFYCTFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIRSL

>B.2000.AY423383.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCFHCQVCFTKKGLGISYGRKKWRQRRRTPQDSQNHQVSLSKQ\*VIYVMQSLTTVAIVALVVAAIIAIVVWTIVFIEYRKILRQKRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSLLCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRTSIRKCDRKF\*YVEK\*HGRTDA\*GHNQFMG\*KPKTMCEINPTLCYFKLH\*CQYY\*FQ\*YY\*FQ\*\*\*\*FGTDDKRNKKLLFQCHHNHKK\*ETERICTVE\*T\*YSTNR\*\*\*L\*LYVDKL\*YLSHYTGLSKGILSTNSHTLLYPGWFCDSKM\*\*\*EV\*WNGTM\*KCQHSTMYTWN\*ASGVNPITVKWQSSRRRCSN\*I\*KFHRQY\*NHNSTAEGICRN\*LYKTQQ\*YKKKYTYRTRESILCNRRNNRRYKTSTL\*P\*\*SKME\*HFKPDSYKIKRII\*E\*NNSL\*AILRRGSRXCNAQF\*L\*RGIFLL\*YNTAV\*\*YLGCECYWEGYYRIK\*HYNTPMQNKTNYKQMAGSRKSNVCPSHQRTN\*LFIKHHRAAINKXWW\*EREHRDL\*TRRRRYERQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSNNAGSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSTAPRNLGLLWKTHLHHYCALEC\*LE\*\*ISESDLG\*HDLDAVGERN\*QLHKFNIHSN\*RLAETTRKE\*TRIIGIGYMGKFVELV\*HNKLAVVYKNIHNDSRRFSRVKNSFYYTFYSA\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRRIRSI

>B.2000.AY423384.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRTPQDSQNHQVSLSKQ\*VIYVMQSLTIVAIVALVVAAIIAKVVWTIVFIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSLLCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRTSIRKCDRKF\*YVEK\*HGRTDA\*GHNQFMG\*KPKTMCEINPTLCYFKLH\*CQYY\*FQ\*YY\*FQ\*\*\*\*FGTDDKRNKKLLFQCHHNHKK\*ETERICTVE\*T\*YSTNR\*\*\*L\*LYVDKL\*YLSHYTGLSKGILSTNSHTLLYPGWFCDSKM\*\*\*EV\*WNGTM\*KCQHSTMYTWN\*ASGVNPITVKWQSSRRRCSN\*I\*KFHRQY\*NHNSTAEGICRN\*LYKTQQ\*YKKKYTYRTRESILCNRRNNRRYKTSTL\*P\*\*SKME\*HFKPDS\*KIKRII\*E\*NNSL\*AILRRGSRNCNAQF\*L\*RGIFLL\*YNTAV\*\*YLGCECYWEWYYRIK\*HYNTPMQNKTNYKQMAGSRKSNVCPSHRRTN\*LFIKHHRAAINKGWW\*EREHRDL\*TRRRRYERQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSNNARSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSTAPRNLGLLWKTHLHHYCALEC\*LE\*\*ISESDLG\*HDLDAVGERN\*QLHKFNIHSN\*RLAETTRKE\*TRIIGIGYMGKFVELV\*HNKLAVVYKNIHNDSRRFSRVKNSFYCTFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRRIRSI

>B.2000.AY423385.-

MEPVDPRLEPWKHPGSQPKTACNNCYRKRCCFHCQVCFTKKGLGISYGRKKWRQRRRTPQDSQNHQVSLSKQ\*VIYVMQSLTIVAIVALVVAAIIAIVVWTIVFIEYRKILRQKRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSLLCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRTSIRKCDRKF\*YVEK\*HGRTDA\*GHNQFMG\*KPKTMCEINPTLCYFKLH\*CQYY\*FQ\*YY\*SQ\*\*\*\*FGTDDKRNKKLLFQYHHNHKK\*ETERICTVE\*T\*YSTNR\*\*\*L\*LYVDKL\*YLSHYTGLSKGILSTNSHTLLYPGWFCDSKM\*\*\*EV\*WNGTM\*KCQHSTMYTWN\*ASGVNPITVKWQSSRRRGSN\*I\*KFHRQY\*NHNSTAEGICRN\*LYKTQQ\*YKKKYTYRTRESILCNRRNNRRYKTSTL\*P\*\*SKME\*HFKPDSYKIKRII\*E\*NNSL\*AILRRGSRNCNAQF\*L\*RGIFLL\*YNTAV\*\*YLGCECYWEWYYRIK\*HYNTPMQNKTNYKQMAGSRKSNVCPSHRRTN\*LFIKHHRAAINKGWW\*EREHRDL\*TRRRRYERQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSNNARSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSTAPRNLGLLWKTHLHHYCALEC\*LE\*\*ISESDLG\*HDLDAVGERN\*QLHKFNIHSN\*RLAETTRKE\*TRIIGIGYMGKFVELV\*HNKLAVVYKNIHNDSRRFSRVKNSFYCTFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRRIRSI

>B.2000.AY423386.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKQCCFHCQVCFTRKGLGISYGRKKRRQRRRTPQDSQNHQVSLSKQ\*VIHVMQSLTIVAVVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVERSNHHSLLCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRTSIRKCDRKF\*YVEK\*HGRTNA\*GHNQFMG\*KPKTMCEINPTLCYFKLH\*YY\*FQ\*YYWFQ\*\*\*\*FGTDDKRNK\*LLFQYHHNHKK\*ETERICTVE\*T\*YSTNR\*\*\*L\*LYVDKL\*YLSHYTGLSKGILSTNSHTLLYPGWFCDSKM\*\*\*EV\*WNGTM\*KCQHSTMYTWN\*TSGVNPITVKWQSSRRRGSN\*V\*KFHRQY\*NHNSTAEGICRN\*LYKTQQ\*YKKKYTYRTRESILCNRRNNRRYKTSTL\*P\*\*SKME\*HLKPDSWKIKRII\*E\*NNSL\*FILRRGSRNCNAQF\*L\*RGIFLL\*YITAV\*\*YLGCECYWEWYYRTK\*YYNTPMQNKTNYKQMAGSRKSNVCPSHRRTN\*LFIKHHRAAINKGWW\*E\*EREHRDRDL\*TWRRRYERQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSNSARSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSTAPRNLGLLWKTHLHHYCALEC\*LE\*\*ISGSDLE\*HDLDAVGERN\*QLHKFNIHSN\*RLAETTRKE\*TRIIGIGYMGKFVELV\*HNKLAVVYKNIHNDSRRFSRVKNSFYCTFYSE\*S\*EGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRRIRAI

>B.2000.AY423387.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRTPQDSQTHQVSLSKQ\*VIYVMQSLTIVAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSLLCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRTSIRKCDRKF\*YVEK\*HGRTDA\*GHNQFMG\*KPKTMCEINPTLCYFKLH\*CQYY\*FQ\*YYWFQ\*\*\*\*FGTDGKRNK\*LLFQYHHNHKK\*ETERICTVE\*T\*YSTNR\*\*\*L\*LYVDKL\*YLSHYTGLSKGILSTNSHTLLYPGWFCDSKM\*\*\*EV\*WNGTM\*KCQHSTMYTWN\*ASGVNPITVKWQSSRRRCSN\*I\*KFHRQYQNHNSTAEGICRN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*P\*\*SKME\*HFKPDSWKIKRII\*E\*NNSL\*FILRRGSRNCNAQF\*L\*RGIFLL\*YNTAV\*\*YLGCECYWEWYYRTK\*YYNTPMQNKTNYKQMAGSRKSNVCPSHCRTN\*LFIKHHRAAINKGWWWW\*EQ\*HRDL\*TWRRRYERQLEK\*II\*I\*SSKN\*AIGSSTHQGKEKSGAERKKSNNARSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAKQFAEGY\*GATASAATHSLGH\*AAPGKSPGYRKIPTGSTAPRNLGLLWKAHLHHYCALEC\*LE\*\*ISGSDLGEHDLDAVGERN\*QLHKFNIHSN\*RLAETTRKE\*TRIIGIGYMGKFVELV\*HNKLAVVYKNIHNDSRRFSRVKNSFYCTFYSE\*S\*EGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRRIRAI

>B.1998.AY560107.-

MEPVDPSLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQAHQASLPEQ\*VVYVMQALQITAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNDSEGDQEELSALVEMGHDAPWDVDDL\*CYRTLVGHSLLWGTCVERCNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKPKALCKINPTLCYFTLQ\*Y\*\*ECH\*YHWG\*RNKIRNERRNKKLLFQYHHKHKR\*GAERICAFL\*V\*CSTNRK\*YK\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDCKV\*G\*KI\*WNRTMYKCQHSTMYTWN\*ASSINSIAVKWQPSRRRGNN\*ICKSHGQY\*NHNSTAEQICSN\*LYKT\*Q\*YKKRYTYGTREILCNRRHNRRYKASTL\*P\*\*SRLE\*HFKTDSCKIKRKIY\*\*DNNL\*SILRRGPRNCNA\*F\*LWRGIFLL\*YSKTV\*\*HLE\*\*QLEWY\*KVK\*RDKEHHTPM\*NKTNCKPVAGSRKSNVCPSHQRTN\*MFIKYYRDTINKRWW\*\*HRRERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSFVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSAAAKQFAEGY\*GATAPVATHSLGHQTAPGKGPGSGKIPKGSTTPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGPDLE\*HDLDGMGKRD\*ELHRLNIHFT\*TIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKLAVVYKNIHNDSRRLDRVKNNFYCTFYSK\*S\*AGIFTIVVSDPPPNPEGTRQARRNRRRRWRERQRHINKL

>B.1998.AY560108.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKQCCYHCQVCFITKGLGISYGRKKRRQRRRSPEGSKTHQASLPKQ\*VVHVMQPLVILAIVALIVVAIIAIVVWSIVPIEYRKTLRQRKINRILDRIRERAEDSGNESEGDQEELSALGDMGRLIPGDIDL\*CYRKIMGHSLLWGTCVERSKHHPILCIRC\*SI\*YRGT\*CLGHTCLRTHRPQPTRNRIEKCDRIF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCKINPALCYFKLQRGEE\*Y\*CH\*RDGGGKRNDKLLFQCHHKHKR\*GTERICTF\*QA\*CSTNR\*YH\*LHVDKL\*HLSPYTGLSKDIL\*ANSHTLLCPGWFCASKVF\*\*DVQWKRRM\*KCQHSTMYTWN\*TSSINSTAVKWQSSRKRDNN\*I\*QFHEQC\*NHNSTSE\*ICKN\*LYKTLPQYKKMDTYRTRESILCRKRHTRNYETSTL\*H\*\*NRLE\*HFKTGS\*KIKGTI\*E\*NNSL\*SLLRRGPRNCNAQF\*LWRRVFLL\*YNTTV\*\*YLG\*WY\*E\*YCKAK\*H\*HN\*TSMQNKTNYKPVAGSRKSNVCSSHRRTN\*LFIKYYRATINKRWWY\*QQQYQYHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGNRSYVPWDLGNSRKRYGRSVNDADGTGQTIIVWYSATAEQYAEGYWGATAPVATHSLGHQAAPGKNPGCGKIPKRSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISG\*YLE\*Q\*LDLDAVGKRN\*KLHKLNIHFT\*RVAKPARKE\*TRIIGVG\*MDKFVELVCHIKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSL

>B.1998.AY560109.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRASQDSQTRQAPLSEQ\*VVHVMQSLQILAIVALVIVALIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHHAPWDVDDL\*CYRRFVGHSLLWGTCVERSKYHSILCIRC\*SICKRST\*CLGHTCLCTHRP\*STRGRTKKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKSKAMCKVNPTLCYFKLH\*C\*D\*HH\*HHYWSGGTDEGRRNKKLLFQYHHKHG\*EEARTCIFSELDVVPINETGKNISYRLISCNTSRITQACPKISFQPIPIHYCAPAGFAILKCKDKKFNGTGAYASVSTVQCTHGIRPVVSTQLLLNGSLAEEEIVLRSANFSDNAKTIIVHLNETVEMNCTRPNNNTRKSIHMGPGRAFFTTGDIIGDIRKAHCNISKAKWDKTLKQVVIKLREQYGNNKTIIFNQSSGGDIEIVTHSFNCGGEFFYCNTTQLFNSTWYSNSTGNSTGGSNDTITLPCRIKQIINMWQEVGRAMYAPPISGKISCSSNITGLLLTRDGGINMTNTTETFRPGGGDMRDNWRSELYKYKVVQIEPLGIAPTKAKRRVVQREKRAVGIGALFLGFLGAAGSTMGAASVTLTVQARHLLPGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLAVERYLQDQRLLGIWGCSGKLICTTNVPWNASWSNKSLDEIWGNMTWMQWEKEIDNYTGLIYTLLEESQNQQEKNEQELLELDKWASLWNWFTITNWLWYIKIFIMIVGGLVGLRIVFAVLSIVNRVRQGYSPLSFQTRLPTPRGPDRPEGIEEEGGERDRDRSTRL

>B.1998.AY560110.-

MEPVDPNLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFIRKGLGISYGRKKRSQRRRAPHGSKDHQGSLSKQ\*VLHVMQPLVVAAIVGLVVAAILAIIVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHHAPWNVDDL\*\*C\*TIVGHSLLWGTCVERSNYHSILCIRC\*SISYREA\*CLGHTCLCTHRPQPKRSSIGKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCETNPTLCYFKLH\*L\*GEYY\*YP\*\*\*YQ\*\*\*\*\*GKGNEEVLFQCHHSHKR\*A\*ERRGTFL\*T\*FSTNKRRE\*YLWRE\*YL\*VDKL\*YLSHYTGLSKSIV\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRTM\*KCQHSTMYTWN\*ASSVNSITVKW\*SGRR\*GSN\*ICQFHRQC\*NHNSTAEEPCKYYLYKTQQQYKKKYTYSTRESILCNRRSNRKYKRSTL\*H\*\*KRME\*HFKRGS\*KIR\*TIKIRE\*NNNNL\*SILRRGPRSCKAHF\*LWGEFFYCDSTPLFNSTWNSTTWNDTTDTEGNETITLKCRIKQIINMWQEVGKAMYAPPIEGVIKCLSNITGLLLVRDGISNSSDETFRPGGGNMKDNWRSELYKYKVVKIEPLGVAPTKARRRVVQREKRAVGTLGAMFLGFLGAAGSAMGAASATLTVQARQLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGRLICTTNVPWNASWSNKSLEEIWDNMTWMRWEKEIDNYTGLIYNLIEESQNQQEKNEQELLELDKWANLWNWFHISQWLWYIKIFIMIVGGLIGLRIVFAVLSIVNRVRQGYSPLSFQTLLPTQRGPDRPDGIEEGGGERDRDTSIRL

>B.2001.AY561236.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRSHPDSKIHQAPLSTQ\*VLPVMHALQISAIVALVVTAIIAIVVWTIVGLEIRKVLRQRKIDRLIERIAERAEDSGNESEGDQEELAALVEMGHDAPWDVNDM\*CYRTIVGHSLLWGTCMERSKHCSILCLRC\*SIWYRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEKWHGRPDA\*RYN\*FMG\*KPKAMCQINPTMCHFKLHEC\*YH\*\*WESDAHNEARRNKKLLFQCHHKHRK\*GTRNCTFL\*T\*CRTNR\*E\*\*QI\*VDTL\*HLSH\*TGLSKGIL\*ANSHTLLYPGWFCDSTV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTTAKWQSSRRRDSN\*I\*EFHGQC\*NHNSTAKCFCRN\*LYKTQQ\*YKKRYTSRTRESILCIRRHSRKHKTSTLYT\*\*NKMGENFRTGS\*QTKRTI\*K\*NNNL\*SILRRGPRNCNA\*F\*LWRGIFLL\*YNTTV\*\*YLE\*E\*YLEWDYY\*KFK\*H\*YHTPM\*NKANYKYVAESRKSNVCPSHQRSNKMCIKHHRATINKRWWEQRY\*QQ\*DLQTWRRKHEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSNTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGH\*AAPGKSPGCRKIPKGSTAPGNLGLLWKAHLHHYCALEC\*LEQ\*ISRYDLE\*HDLDGLGKRN\*QLHRLNIYLN\*RIAEPTGKE\*KRIIGIGQVGKSVDMV\*HNKLAVVYKTIHNNSRKLSRFKNNFCCTFYSE\*S\*AGLLTIIISDPPPSREGTRQARRNRRRRWRERQRQIGSI

>B.2001.AY561237.-

MEPVDPRLEPWKHPGSQPQTPCNPCFCKACCFHCQVCFITKGLGISYGRKKRRPRRRAPPDSKTHQASLSKQ\*VVHVM\*CNL\*SYTR\*\*L\*\*\*\*E\*\*Q\*LCGP\*YS\*NIGKY\*DKGK\*TS\*LTE\*QKEQKTVAMRVREIMRNYQPLWKWGTMLLGILMICSAKDKLWVTVYYGVPVWKEATTTLFCASDAKAYDTEVHNVWATHACVPTDPNPQEVELKNVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTDSKGTNDTTNDTNTNATPTTTSTTNGSGVKIERGEIKNCSFNITTEIRDKVQKQYANFHALDVIPIDDGYDNKSSYNSYRLVSCNTSVITQACPKVSFDPIPIHYCAPAGFALLKCRDKNFNGTGLCKNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVVKSANFTNNAKTIIVQLNKTVIINCTRPNNNTRKSIPMGPGKAFYTTGQIIGNIRQAHCNLSMADWNSTLRQIVEKLREQYGNNKTIIFKPSSGGDPEIVMHSFNCRGEFFYCNSTQLFNSTWPANDTWHDTNGTSYTNGTSGTITLPCKIKQIINLWQEVGKAMYAPPIAGALNCSSNITGLLLTRDGGNDKNSNNSNSNETFRPGGGDMRDNWRSELYRYKVVKIEPLGVAPTEARRRVVQREKRAVGLGAVFLGFLGAAGSTMGAASVMLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLHDQQLLGIWGCSGKFICTTAVPWNASWSNKSMDTIWHNMTWMQWDREINNYTSLIYNLLEKSQIQQEQNEKELLELDKWNSLWNWFDISNWLWYIKIFIMIVGGLVGLRIVFIVLTLVNRVRQGYSPLSFQTHLPAPRGPDRPGGIEEEGGERDRDTSTRL

>B.2001.AY561238.-

MEPVDPRLEPWKHPGSQPQTPCTSCYCKKCCFHCQVCFINKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLHILAIVALVVAVIIAIVVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLVEIGHLAP\*DIDDL\*CYRQIVGHSLLWGTGVERSKHHSILCIRC\*SI\*YRET\*CLGYTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*YGRTDA\*GYNQFMGSKPKAMCKTNPTLCYFKLH\*LSWE\*CQYH\*YY\*YQ\*Y\*\*CHCDGERNKKLLFLYHHKPKR\*DKERKCTFL\*P\*YRTNR\*YYL\*VDKL\*HLSHYTGLSQGNL\*ANSHTLLCPGWFCDSKV\*QQGVQWNRTVYKCQHSTMYTWN\*ASSINSTAVKW\*SSRRQPSN\*I\*KFHEQCKNHTSAAE\*LCRN\*LYKTQQQYEKKYTYRTRESILCNRKYNRRHKASTL\*H\*WSKME\*HFKTDSYKIRRNI\*K\*NNSLYSLLRRGPRNCNAQF\*LWRGVFLL\*FNTIV\*\*YLVE\*WYSVERK\*HTPRKCYTPMQNKTICKHVAGSRKSNVCPSHQRTN\*MLIKYYRAAINKRWWCQWYH\*YRRDLQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGTRSFVP\*VLRSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAESY\*CATASVATHSLGH\*AAPGENPGYGKIPKGSTAPGDMXML\*KTHLHH\*CALEY\*LE\*\*ISK\*DLGQHDLDGLGKTN\*QLHRHNIHLT\*GIAKPTRKE\*TRIIGIR\*MGKFVELVQYNKLAVVYKTIHNDSRRLGRFKNNFYCTFHSE\*S\*AGIFTNIVADPPPSSEGTRQARRNRRRRWRARQRQIKSI

>B.2001.AY561239.-

THQADLPKQ\*VVYVCYYL\*RLHHYSFAYCGSSVVPCCFGYCSSVVSFEVR\*CDSSSFVLFAHYSNSIISSSSNNSNSCMVHSLHRI\*ENIKTKKNRQAN\*QNCRKSRRQWQ\*E\*WGSRGIVSTCGDGA\*CSLEC\*\*FVVLQTNCGSQSIMEYLCGKKQPPLYFVHQMLKHMMQKHIMFGPHMLVYPQTPIHKK\*Y\*QM\*QKILTCGKITW\*NKCRKI\*SVYGIKA\*SHV\*N\*PHSVLL\*IAVML\*ILIIPIIVAGKK\*GEEK\*KTALSI\*EIGGEKNMQFFINLM\*YK\*IIRIIGVGIMGVPAIN\*\*VVTPQSLHKPAQRYPLIQFPYIIVPRLVLRF\*SVTIRNSMEQDNVQMSAQYNVHMELGQ\*YQLSCC\*MAV\*QKKM\*\*LNLKISRTMLKP\*\*YN\*MKL\*KLLV\*DPTTIQEEVYI\*DQGGEQFIQGI\*\*EK\*DKHIVTLVKQSGIRL\*NG\*LQN\*ESNLRIKQ\*PLINPQEGTQKL\*CTVLIVEGNFSTVIQHNCLIVLGMLLILGILLQG\*MILVKISHSHAE\*NKL\*TCGRQ\*EKQCMPLPSEDKLGVHQISQGCY\*QEMEVITA\*TQRSSDLEEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCRGKKEQ\*H\*ELCSLGSWEQQEALWAQHQ\*R\*RHRPDNYCLV\*CNSRTIC\*GLLRRNSICCSSQSGASSSSRRESWLWKDT\*RINSSWGFGVALENSSAPPLCLGMLAGVINL\*MTFGIT\*PGCNGRKKLTITQA\*YIP\*LKNRKTSKKRMNKNY\*NWINGQVCGIGLTYQIGCGI\*KYS\*\*\*\*EAW\*V\*E\*FLLCFL\*\*IGLGRDIHHYRFRPTSQPRGDPTGPEESKKKVEKETATDQED\*

>B.2001.AY561240.-

IDPVDPRLKPWQHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQPLVILAIVALVVAAILAIVVWSIVFIEYRKIRKQRKIDRLIDRIRERAEDSGNESEGDHEELSALVDMGHDAPWNIDDL\*CYRKIVGHSLLWGTCVKRSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQTT\*IVIGKCDRKF\*HVEE\*HGRTNA\*GYNQFMGPEPKAMCKINATLCHFKLH\*FRQCYCSKYYY\*Q\*\*YSE\*\*\*\*RGKYNRRNEILLFQCHHRPER\*DAEAICTFL\*S\*YSTNR\*CKR\*Y\*L\*DDKL\*HLIRYTGLSKGIL\*ANSHTLLCPGWFCSSKV\*\*YKVQWIRTM\*KCHHSTMYTWN\*TSRQLNCC\*WQSSKRRGND\*I\*KLLKQC\*DHNSTADKTCSN\*LYKPRQQYKNKYIYRTR\*SILHNRTNNRRYKKGIL\*H\*\*IRLGRNFKTGS\*KITTTI\*E\*NNNL\*SILRRGSRNCNTQFQLWRGIFLLRFITTX\*\*YLEC\*\*K\*D\*XVK\*HWHYHTPMQNKTNYKHVAGSRKSNVCPSHQRNN\*LHIKYYRATHNQRWWY\*HH\*Q\*DLQTEGGDMRDNWRSELYRYKVVRIEPLGVAPTKAQRRVVQREKRAVTLGAMFLGFLGAAGSTMGAASLTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLQDQQLLGIWGCSGKLICTTNVPWNTSXSNRSLDTIWDNMTWMQWDREINNYTNTIYMLLEESQIQQEKNXKELLELDKWASLWSWLSITNWLWYIKIFIMIVGGLIGLRIVFAVLSIVNRVRQRYSPLSFQIRPPAPRGPDRPEGIEEEGGERDRDSSIRL

>B.1999.AY586542.-

MEPVDPRLEPWKHPGSQPRTPCNNCYCKQCCFHCQVCFTKKGLGISYGRKKRRQRRRAHQDSETHQADLSKQ\*VVHVMHSLQILAIVALVIAAIIAIVVWTIVVIEYRKILRQRKIDRIINRIIERAEDSGNESEGDQEELSALVEMGHHAPWNVDDL\*CYRPIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEQYC\*YH\*\*\*YQ\*W\*LGKDGERRNKKLLFQYYHRDKR\*GARRICTFL\*T\*CSTNR\*\*R\*\*\*\*\*YQQEL\*VDTL\*HLNHYTDLSKDNL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWKRTMYKCQHSTMYTWN\*ANSVNSTAVKWQPSRTRCGN\*I\*\*FHRQC\*NHNSTAERACKN\*LYKTHQQHKKRYTYRTRESSLCNRRNNRRYKTSTL\*HF\*KRME\*HFRKDSCKIKRNI\*E\*NNNF\*AILRRRPRNCNAQF\*L\*RGIFLL\*YNKTV\*\*YLGC\*\*\*Y\*RAK\*H\*S\*YYTPM\*NKTNCKPVAGSRKSNVCPSHQRTN\*LFIKYYRAAINKRWW\*\*RDQ\*HRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNGRSYVPWVLGSSRKHYGRSGNDADGTDQTIIVWYSAAAKQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*ISR\*NLE\*HDLDAVGKRN\*QLHKHNI\*LN\*RIAEPARKE\*TRIIGIR\*VVKFVELVRHNKMAVVYKNIHNDSRRLGRFKNSFFCNFSSKKS\*AGIFTIIIADPPPSNEGTRQARRNRRRRWRERQRQIRAI

>B.1999.AY586543.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQGSQTHQVSLSKQ\*VVHVMQPEVILAIVALVVVAIIAIVVWTIVIIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHPAPWNVDDL\*CWRPIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFRLQ\*SKQCY\*YH\*\*QYQ\*\*\*LGNDGERRNKKLLFQCLHRHKRYANGICTV\*\*T\*CSTN\*\*X\*\*\*L\*VDKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWKRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRKRCSN\*I\*QFHRQC\*NHNSTAE\*ISSNQLYKTQQQHKKKYTYXTRESNLCNRRNNRRYKTSTL\*HF\*RKME\*HFKKDSYKIKRNIWE\*NNNL\*TILRRGPRDCNAQF\*LWRRIFLL\*YNTAV\*\*YLVW\*WY\*QVK\*HWRKYHTHM\*NKTNCKPVAGSRKSNVCSSHQRTN\*MFIKHYRTAINKRWWW\*QQ\*\*QRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSAAAEQFAEGY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHCCALE\*YLE\*\*KSKSDLGQHDLDAVGKRN\*QLHKLNIYLN\*RIAEPARKE\*TRIIGIRSVGKFVELVRHIKLAVVYKNIHNDSRRLGRFKNSFFCTFYSE\*S\*AGILTIIISDPPPSTEGTRQARRNRRRRWRERQRQIRTI

>B.1991.AY608577.-

MEPVDPRLEPWKHPGSQPRTACTKCFCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQGSLSKQ\*VVHVMQSLQILAIVALVVAAIIAIVVWSIALIEYRKILRQRKIDRIINRIIERAEDSGNESEGDQEELSALVEMGHHAPWDINDL\*C\*TIVGHSLLWGTCVERSNHHSILCIRC\*RT\*YRGT\*CLGHTCLCTHRPQPTRNSIRKCDRKF\*HVEK\*HGRTDA\*GCN\*SMGSKPKALCKINPTLCYFKLH\*CDE\*C\*YYHK\*\*RENDREGRNKKLLFQYQYKHEK\*GAERTCAFL\*T\*CSTNR\*YY\*E\*LY\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVQWQSSRRRCSN\*IRQFLGQC\*NHTSTAE\*NCSNELYKTRQQYKKKGNSRTRQSILYNRTNNRRYKKSTL\*P\*\*SGLE\*HFRKDSYKIKRTISE\*NNSL\*SILRRGSRNYNDQF\*LWRGIFLLQFNTTV\*WYLEWYLVRCQTRKWHNHTPMQNKTNYKPVAGSRKSNVCPSHQRTN\*MFIKYYRAVINKRWWYKQ\*DHHHRDLQTWRRKYEGQLEK\*II\*I\*SNKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATATVETHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*IYASDLG\*HDLDAVGKRN\*\*LHRPNIQLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRIDRFKNSFYCTFYSE\*S\*EGILTIIVPDPPPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.-.AY624304.asymptomatic

MDPVDPRLEPWKHPGSKPKTDCTSCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRTAPQDSQNHQVSLSKQ\*VVHVMNSLTIVSIVALVVAAIIAIIVWTIVVIEYRNKEE\*TG\*LIE\*EKEQKTVAMKAKGTRKNYLWKWGTMLLGMLMICSATEQLWVTVYYGVPVWKEATTTLFCASDAKAYDTEVHNVWATHACVPTDPNPQEIILKNVSEYFDMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLECTNAKSINATSTNNNNSTNNSSSWKLPEEPGEIKNCSFNITTNMRDKMQKEYAIFYNLDVVPIDDNKNNNSSNNKNNNSSNNTYRLYRLISCNTSVITQACPKVSFQPIPIHYCAPAGFVILKCNDKRFNGSGPCANVSTVQCTHGIRPVVSTQLLLNGSLAEEEVIVRSANFTDNAKTIIVHLNESVEINCTRPNNNTRRGIYIGPGRAIYTTDKIVGDIRKAYCTISKENWNKTLAQIVIKLREQLKNDTKTIVFKQSSGGDPEIVTHSFNCGGEFFYCNTSKLFNSTWNSNGTWNGDKETKGIIVLPCRIKQIINMWQGVGKAMYAPPIKGKIECSSNITGLLLTRDGGINNSNIETFRPGGGNMKDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGMIGAMFLGFLGAAGSTMGAASMALTVQTRQLLSGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLSVERYLRDQQLLGIWGCSGKLICTTTVPWNASWSNKSLEKIWDNMTWMEWEKEIDNYTDLIYTLLAESQNQQEKNEQELLALDKWASLWNWFDITQWLWYIKIFIMIVGGLIGLRIIFAVLSIVNRVRQGYSPLSLQTRFPAPRGPDRPEGIEEEGGERDRDTSIRL

>B.-.AY624305.asymptomatic

MDPVDPRLEPWKHPGSKPKTDCTSCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRTAPQDSQNHQVSLSK\*\*VLHVMQSLTIVSIVALVVAAIIAIIVWTIVVIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLVEMGHHAPWDVDDL\*CYRTIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNNIEKCVRIF\*YVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFRVHQC\*KYQCY\*YQ\*\*\*QYQ\*\*\*\*LETAGGARRNKKLLFQYHHKHER\*DAERICNFL\*P\*CSTNR\*\*\*E\*\*\*\*\*\*\*E\*\*\*\*\*\*HI\*VI\*VDKL\*HLSHYTGLSKGILSADSHTLLCPGWFCDSKM\*\*\*KVQWKWTMYKC\*HSTMYTWNQASSVYSTAVKWQSSRRRGNS\*ICQFHGQC\*NYNSTSE\*ICRN\*LYKTQQQYKKRYIYRTRESNLYNRQNSRRYKKSILYY\*\*RKLE\*NFSTDSYKIKRTIKERY\*NNSLQAILGRGPRNCNT\*F\*LWRGVFLL\*YIKTV\*\*HLE\*\*WDLEW\*\*GN\*RNYRTPM\*NKTNYKHVAGSRKSNVCPSRQRKN\*MFIKYYRAAINKRWWY\*QQR\*RNLQTWRRKYEGQLEK\*II\*I\*SSRN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNGADGTDQTIIVWYSATAEQLAEGY\*GATASVATHSLGHQAATGKSPVCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGEDLG\*YDLDGVGKRN\*QLHRPNTHLTCRIAKPTRKE\*TRIIGIR\*VGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNNFCCTFYSE\*S\*AGILTIIIADPLPSTEGTRQARRNRRRRWRERQRHINSI

>B.-.AY624306.asymptomatic

MDPVDPRLEPWKHPGSKPKTDCTSCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRTAPQDSQNHQVSLSKQ\*VVHVMNSLTIVSIVALVVAAIIAIIVWTIVVIEYRNKEE\*TG\*LIE\*EKEQKTVAMKAKGTRKNYLWKWGTMLLGMLMICSATEQLWVTVYYGVPVWKEATTTLFCASDAKAYDTEVHNVWATHACVPTDPNPQEIILKNVSEYFDMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLECTNAKSINATSTNNNNSTNNSSSWKLPEEPGEIKNCSFNITTNMRDKMQKEYAIFYNLDVVPIDDNKNNNSSNNKNNNSSNNTYRLYRLISCNTSVITQACPKVSFQPIPIHYCAPAGFVILKCNDKRFNGSGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVIVRSANFTDNAKTIIVHLNESVEINCTRPNNNTRRGIYIGPGRAIYTTDKIVGDIRKAYCTISKENWNKTLAQIVIKLREQLKNDTKTIVFKQSSGGDPEIVTHSFNCGGEFFYCNTSKLFNSTWNSNGTWNGDKETKGIIVLPCRIKQIINMWQGVGKAMYAPPIKGKIECSSNITGLLLTRDGGINSSDSETFRPGGGNMKDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGMIGAMFLGFLGAAGSTMGAASMALTVQTRQLLSGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLSVERYLRDQQLLGIWGCSGKLICTTTVPWNASWSNKSLEKIWDNMTWMEWEKEIDNYTDLIYTLLAESQNQQEKNEQELLALDKWASLWNWFDITQWLWYIKIFIMIVGGLIGLRIIFAVLSIVNRVRQGYSPLSLQTRFPAPRGPDRPEGIEEEGGERDRDTSIRL

>B.-.AY624307.asymptomatic

MDPVDPRLEPWKHPGSKPKTDCTSCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRTAPQDSQNHQVSLSMQ\*VVHVMNSLTIVSIVALVVAAIIAIIVWTIVVIEYRNKEE\*TG\*LIE\*EKEQKTVAMKAKGTRKNYLWKWGTMLLGMLMICSATEQLWVTVYYGVPVWKEATTTLFCASDAKAYDTEVHNVWATHACVPTDPNPQEIILKNVSEYFDMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLECTNAKSTNATSTNNNNSTNNSSSWKLPEEPGEIKNCSFNITTNMRDKMQKEYAIFYNLDVVPIDDNKNNNSSNNKNNNSSNNTYRLYRLISCNTSVITQACPKVSFQPIPIHYCAPAGFVILKCNDKRFNGSGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAGEEVIVRSANFTDNAKTIIVHLNESVEINCTRPNNNTRRGIYIGPGRAIYTTEKIVGDIRKAYCTISKENWNKTLAQIVIKLREQLKNDTKAIVFKQSSGGDPEIVTHSFNCGGEFFYCNTSKLFNSTWNSNGTWNGDNETKETIVLPCRIKQIINMWQGVGKAMYAPPIKGKIECSSNITGLLLTRDGGINSSDSETFRPGGGNMKDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGMIGAMFLGFLGAAGSTMGAASMALTVQTRQLLSGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLSVERYLRDQQLLGIWGCSGKLICTTTVPWNASWSNKSLEKIWDNMTWMEWVKEIDNYTDLIYTLLAESQNQQEKNEQELLALDKWASLWNWFDITQWLWYIKIFIMIVGGLIGLRIIFAVLSIVNRVRQGYSPLSLQTRFPAPRGPDRPEGIEEEGGERDRDTSIRL

>B.2004.AY682547.-

MEPVDPRLEPWEHPGSQPKTACTACYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRSPQSSEAHQVPLSNQ\*VVHVMQSLXIAAIVGLVXAXIIAIVVWSIVLIEYKXLLRQRKIDRLIDRIRERAEDSGNESEGDQEELSGLIEMGHLAPWDIDDL\*CCRKFVGHSLLWGTCVERSRHHSILCIRC\*RX\*YRGT\*CLGHTCMCTHRPQPTRNRLGKCDRKF\*HVAK\*HGRTDA\*RYNQFIGSKPKAMCKINPTLCYLKLH\*FEK\*YYGQYY\*\*\*YNNGERRNKKLLFQYYHKHKK\*NAERICTFL\*A\*YSTNRW\*\*YQLYVDKLXHLSHYTSLSKGIL\*TNSHTLLCPGWVCDSKV\*RE\*VQWNRTM\*KCQHSAVYTWN\*ASSIHSAAVKWQSSRGRGSS\*I\*KFLGQC\*KHNSATKRSCTN\*LYKTQQQYKKKYIYRTREXILCNRRYNRRYKTXTL\*P\*WSRLD\*NFRTDS\*KIXRTI\*\*DNSL\*AIIRRRPRNYNAQF\*LWRGIFLL\*YNKTV\*\*YLGK\*\*Y\*\*YXE\*DWKXDNHTPMQNKTNYKQMAGSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*QHQQRDLQTCRRRYKGQLEK\*II\*V\*SSKN\*TIRSSTHHGKEKSGAERKKSSGTRSCVPGVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKXFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCAMEC\*LE\*\*ISE\*DLG\*HDLDAVGXRN\*QLHKHNIQLT\*RIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIYNNSRRLGRFKNSFCCTVYSE\*S\*AGIFTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRTL

>B.1996.AY713408.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCSFHCQVCFMKKGLGIFYGRKKRRQRRRAPQDSQTHQVPLPKQ\*VVNVMQSLTILAIVGLVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKVNPTLCYFKLH\*FEECY\*YQYNGGRRNKKLLFQYHHKHKN\*GERLCTFV\*T\*CSTNR\*\*YQL\*VDKV\*HLSHYTSLSKGIL\*ANSHTLLYSGWFCDSKV\*Q\*KVQWNRTM\*KCQYSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*QFHEQC\*SHNSTAK\*ICRN\*LYKTQQQYKKKYTARTRESMVYNRANNRRYKTSTL\*P\*\*HKMEKHFKTDN\*KIKRTI\*E\*NNSLQAILRRGPRG\*NAQF\*LWRGIFLL\*YNTTV\*\*YLEK\*\*YLE\*YYRK\*HYHAPLQNKTNCKHVAGSRKSNVCPSHRRTN\*MFIKYYRVAINKRWW\*WERDQ\*ERDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAEGY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHKRNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKLVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCSTFNSK\*S\*AGILTIVITDPLPSPEGTRQARRNRRRRWRERQRQIREI

>B.1985.AY713409.deceased

MEPVDPNLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMQALQISAIVGLVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRITERAEDSGNESDGDQEELSALVEMGHHAPWDINDL\*C\*RKIVGHSLLWGTCVERSNHHSILCIRC\*ST\*YRGT\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*\*ECY\*YH\*\*\*QGNGGGRRNEKLLFQYHHRHKR\*GAERICTFL\*T\*YSTNR\*\*N\*\*I\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTMFKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRKFHEQC\*NHNSTAE\*ICRN\*LYKTQQQYKKKYKYRTRQSTLYNRRNNRRYKTSTL\*P\*\*SKME\*HFK\*DSYKIKRTIWE\*NNSL\*AFLRRGPRNCDAQF\*LWRGIFLL\*FNTTV\*\*YLECY\*RVK\*HCRK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWS\*GQQDRGL\*TWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCRALEC\*LE\*\*ISE\*DLG\*HDLDGVGQRN\*QLHKHNIQLN\*RIAEPTRKE\*TRIIRIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFFCTFYSE\*S\*AGILTIIVSDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.1994.AY713410.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKQCCFHCQVCFIKKGLGISYGRKKRRQRRGAPQSSQTHQVSLSKQ\*VIYVMQPLQIAAIVALVVATIIAIVVWIIVLVEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELAALVEMGHHAPWNVDDL\*G\*RTIVGHSLLWGTCVEGSNYHSILCIRC\*SL\*QGDT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPEAMCKNNPTLCYFKLH\*CTECYQ\*YY\*GSNEGRGNKKLLFQYHHKKKR\*AKNRICTFL\*T\*CSTNR\*G\*YKLYFDKL\*QLSHYTGLSKGIL\*TNSHTLLCPSWFCDSKV\*R\*EVQWNRTMYKCQYSTMYTWN\*ASSVNSTAIKWQSSRRRGSN\*I\*KFHEQC\*NHNSTAE\*ICKN\*LYKTQQQYKKRYTYGTGESILCNRNHNR\*YKTSTL\*H\*\*SRMG\*HCKTDSYKIKRTIWE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLE\*YLDWEWDSREHWKYHTPMQNKTNYKQVAGSRKSNVCPSHRRKN\*MFIKYYRVTINKRWW\*E\*RDQ\*HRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSDTRSYVPWVLGSSRKHYGRSVSDADGTVQTIIVWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*ISESDLG\*HDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRVIGIGYVGKFVELV\*HNKMAEVYTNIHNNSRRFSRFKNSFCCAFCSK\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRQIKTI

>B.1992.AY713411.-

MEPVDPRLEPWKHPGSQPXTXCTNCYCKKCCXHCQVCFTXKGLGISYGRKKRRQRRRPPQDNQSHQVSLSKQ\*VVHVMQSLEILAIVALVVAVIIAIVVWTIVGIEFRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRPIVGHSLLWGTCVERCNYHSVLCIRC\*SI\*\*RST\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HGEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCYFKLH\*VEE\*Y\*YQFGNTRNEKLLFQHHHKCKK\*DEERICTFL\*S\*YSTNR\*\*\*Y\*I\*VKKL\*YLNHYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*Q\*NVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQPSRRRGSN\*I\*KFHKQC\*NHNSTAK\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRRYNRRYKTSTL\*H\*\*NKLD\*HFKKGS\*KIKRKI\*\*YNNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLE\*N\*Q\*RKYHQWNYNTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MFVKHHRAVINKRWW\*\*\*Q\*\*WERDLQTWRGRYEGQLEK\*II\*I\*GSKN\*TIRNSTHQGKEKSGAERKKSSGNRSHVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSAAAKQFAEGY\*GATAPVATHSLGHQAAPGKSPGSGKIPTGSTVPRDVGLLWKTHLHHCCALEC\*LE\*\*KSESDLG\*HDLDGVGERNKQLHRDNIQLN\*RIAEPTRKE\*TRLITIG\*VGKFVELVQHNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.1990.AY713412.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAPQDSQIHQVSLSKQ\*VVYVMQSLEILAXVALVVAIIIAIVVWTIVFIEYRKILRQRKIDRLIDRITERAEDSGNESDGDQEELSALVEMGHHAPWDIDDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTGSIIGKYDRKF\*HVEK\*HGRTDA\*GYSQFMGSKHKAMCKINPTLCYFKLH\*FKK\*Y\*YHY\*\*\*RNDGEGGNKKLLFQYHHKHKK\*GEERTCTF\*\*T\*CSANR\*\*\*YYQI\*VDKL\*HLSHHTSLSKDIL\*ANSHTLLCPGWFCDFKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSDKI\*EFHEQC\*NHNSTAEKFCNNCLYKTQQQYKKKYTYGTRESILYNRRYNRRYKKSTLQH\*\*SRME\*HFKSDS\*KIKRTI\*E\*NNSL\*SILRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLE\*YRDWEWY\*RVK\*H\*KYHAPLQNKTNYKHVAGSRKSNVCPSHQWTN\*MLIKYYRAAINKRWW\*QGE\*QWHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVTDADGTGQXIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPGALGLLWKTHLHHFCALEC\*LE\*\*ISG\*NLE\*HDMDGVG\*RN\*QLHTLNIHLT\*KIAEPARKE\*TRIIRIG\*MGKFVELV\*HNKMAVVYKNIHNDSRGLGRSKNSFCCTFYSE\*S\*AGILTIIVSDPPPSXEGTRQARRNRRRRWRARQRQIRSI

>B.2004.AY751406.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGIYYGRKKRRQRRRAPQSSQTRQASLPKQ\*VVHVMQPLEILAIVALVVAIILAIIVWTIVLIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVEMGHHAPWDVNDQ\*XCRTIVGHSLLWGTCVERSHHYSILCIRC\*SIEYRGT\*CMGHTCLCTHRPQPTRXTIGKCDRKF\*YVEKXHGRTDARGYNQFMGSKPKTMCNINPTLCYFKLX\*FEEYY\*FGEXY\*\*Q\*\*WRXNDEGXRNEKLLFQYHHKHKR\*XEERICAFL\*T\*YSTNR\*C\*E\*Y\*L\*VDKL\*HLSPYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWNRTMYKCQHSTXYTWN\*ASSINSTAVEWQSSRRGGSN\*ICQFHEQC\*NHNSTTE\*IXSN\*LYKTQQQYKKKYTYRTRESILYNRRHNRRYKTSTL\*X\*\*HKME\*HFKTNS\*KIKRTIWE\*NNKV\*SILRRGPRNCNAQL\*LWRGIFLL\*LNTTV\*\*YLE\*\*SWG\*Y\*EVKYQ\*KHHYTYMQNKANYKHVAESRTSNVCPSHQRTN\*LFIKYHRTATNKRWWCKQ\*HDRGLQTWRRXYEGQLXK\*IIQI\*SSKN\*TIRSSXHQGKEKSGAERKXSSIRSNVPWVLGSSRKHYGRSGSNADGTGQTIIVWYSATAEQXAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*IXE\*DLG\*YDLDGVGKRN\*QLHRLNI\*LN\*KIAEPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRXGRSKNSVYCTFYSE\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRARQRQIHXL

>B.2004.AY751407.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCLHCQVCFISKGLGISYGRKKRRQRRRAPQDNPTHQVPLPKQ\*VVHVMQPLSIVAIVALVVVAIIAIVVWTIVLIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*YRRTIVGHSLLWGTCVERSNYHFILCIRC\*SI\*HRGT\*CLGHTCLCSHRP\*PTRSKTGKCVRRL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*C\*E\*CH\*YQ\*\*YCGKDGTRRNKKLFF\*YHHKHNK\*DAERICTFL\*T\*SSTN\*\*\*YKLYIDKL\*HLSPYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFHRQC\*KHIGTAE\*SCRN\*LYKTQQQYKKKYTYGTGESILCNRRHNRRYKTSTL\*H\*CNKME\*HVSTDS\*KITRTL\*E\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*FNKTV\*QDLAD\*\*YLE\*YYR\*QWNYHTPMQNKTNYKQMAGGRKSNVCPSHQWTN\*MFIKYHRVDINKRWWGWEREREQGDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEESGAERKKSNRSTRSYVPWVLGSSRKHYGXSVTDADGTGQTIIVWYSATAE\*SAEGY\*GATASVATHSLGHQAAPG\*SPGCGKIPKGSTAPRDLGLLWETHLHHRCALEC\*LE\*\*ITK\*DLG\*HDLDGVGKRN\*QLHRINIHLN\*RIAEPTGKE\*TRIIGIGYMGKFVELV\*YIKLAVVYKNIHNDNRRVSRFKNNLYCAFYSE\*S\*AGILTIIISDPPPSQEGTRQARRNRRRRWRARQRHINTI

>B.1998.AY779550.asymptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAHQDSETHQADLSKQ\*VVHVMPPLPLLHIVAIVALVVALIIAIVVWSIVGIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSKHHSILCIRC\*SICSRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAG\*YNQFVGSKPKTMCKINPTLCYFTLH\*FKECY\*YHWECY\*YH\*\*\*RDGDGGRRNKKLLFQYHHKHKG\*SSERICTLL\*I\*YSTNR\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCASKV\*RKEVQWNRIM\*KCQHSTMYTWN\*ASSVNSTTVKWQFSRRRGSN\*ICQFHRQC\*NHNSTVEKFCKN\*LYKTQQQHKKEYKYRTRESILYHRRNNRRYKKSTL\*P\*\*SRLG\*HFKTDSEKIRRTI\*E\*NNKLYSFLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*YYLE\*H\*KVK\*QYRK\*KYHTHMQNKTSYKHVAGSRKSNVCPSHQRTN\*MLIKYYRAAINKRWW\*S\*\*HGQ\*HRDLQTWRRGYEG\*LEK\*II\*I\*SSKN\*AIRGSTYQGKEKSGAERKKSSGNRSLVPWVLGSSRKHYGRSVNNADGTGQTIIVWDSAAAEQSAEGY\*GATAPVATHSLGHQAAPGKSPGCRKIPRGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAMG\*RN\*QLHK\*NIPVN\*KIAEPTRKE\*TRIIRIR\*VDKLVELV\*HIKLAVVYKIIHNDSRRLGRFKNNFCCTFYSE\*S\*AGILTIIVSDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.1999.AY779551.asymptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAHQDSETHQADLSKQ\*VVHVMPPLPLLHIVAIVALVVALIIAIVVWSIVGIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*IRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRSDA\*GYNQFVGSKPKTMCKINPTLCYFTLH\*FEECY\*YHWECY\*YQ\*\*\*WNGDGGRRNKKLLFQYHHKHKG\*SSERICTLL\*I\*YSTNR\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCASKV\*RKEVQWNRIM\*KCQHSTMYTWN\*ASSVNSTTVKWQFSRRRGSN\*ICQFHRQC\*NHNSTVEKFCKNSLYKTQQHYKKEYKYRTRESILYNRRNNRRYKKSTL\*P\*\*NRLE\*RFKTDSEKIRRTI\*E\*NNKLYSFLRRGPRNCNAQF\*LWRRIFLL\*FNTPV\*\*YLE\*YYLEQH\*RVKYQYRK\*KYHTHMQNKTSCKHVAGSRKSNVCPSHQRTN\*MLIKYYRAAINKRWW\*GQ\*HGQYHRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*AIRGSTYQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATAPVATHSLGHQAAPGKSPGCRKIPRGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*HLG\*HDLDAMG\*RN\*QLHK\*NIPVN\*KIAEPTRKE\*TRIIRIR\*VDKFVELV\*HIKLAVVYKIIHNDSRRLGRFKNNFCCTFYSE\*S\*AGILTIIVSDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2000.AY779552.asymptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAHQDSETHQADLSKQ\*VVHVMPPLPPLHILAIVALVVALILAIVVWSIVGIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSKHHSILCIRCESI\*IRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRSDA\*GYNQFVGSKPKAMCKINPTLCYFTLH\*FEECY\*YHWECY\*YQ\*\*\*RNGDGGRRNKKLLFQYHHKHKG\*SSERTCTLL\*I\*YSANR\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCASKV\*R\*EVQWNRIM\*KCQHSTMYTWN\*ASSVNSTTVKWQFSRR\*GSN\*ICQFHRQC\*NHNSTVEQFCKNSLYKTQQQHKKEYKYRTRESILYNRRHNRRYKKSTL\*P\*\*IRLEQRFKTGSEKIRRTI\*E\*NNKLYSFLRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*\*YLE\*YYLEQH\*RVT\*QYRK\*NYHTPMHNKTNYKPVAGSRKSNVCPSHQRTN\*MLIKYYRAAINKRWW\*GQ\*HGQYHRDLQTWRRRYEG\*LEK\*IIQI\*SSKN\*AIRGSTYQGKEKSGAERKKSSGNRSLVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATAPVATHSLGHQAAPGKSPGCRKIPRGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISR\*HLG\*HDLDAMG\*RN\*QLHK\*NIPVN\*KIAEPTRKE\*TRIIRIR\*VDKFVELV\*DIKLAVVYKIIHNDSRRLGRFKNNFCCTFYSE\*S\*AGISTIIVSDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.1997.AY779553.AIDS

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMHSLQIVAIVVLIVAAIIAIVVWTIVGIEYRKILRQRKIDRLIERIIERAEDSGNESEGAQKELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSTHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEEWY\*YH\*\*\*QGNEDGGRRNKKLLFQDHHKQKR\*SSERICTFL\*T\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCASKV\*R\*EIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQFSRRRGSN\*ICQFHGQY\*NHNSTAERNCRN\*LYKTQQQYKKKYTYSTRESILCNRRNNRRYKKSTL\*H\*\*SKME\*RFRTDSEKIRRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*\*YMG\*\*YLE\*H\*KVK\*H\*YHTPMQNKTNYQHVAGSRKRNVCPSHQRTN\*MFIKYYRAAINKRWWY\*QQYQ\*DLQTWRRRYEG\*LEK\*IIQI\*SSTS\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCRKIPKGSTAPRDLGLHWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDAVGKRN\*QLHK\*HIQIN\*RIAKPTRKE\*TRIIGIR\*VGKFVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFCCTFCSE\*S\*AGILTNIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.1998.AY779554.AIDS

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMQPLHILAIVALVVALIIAIVVWTIVGIEYRKILRQRKIDRLIERIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSKHHSILCIKC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSNIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*YH\*\*\*\*GNEDGGRRNKKLLFQYHHKHKR\*ISERICTFL\*A\*CSTNR\*\*\*YQL\*VDKL\*HLSHYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQFSRRRGSN\*I\*QFHGQC\*NHNSTAERICTN\*LYKTQQQYKKKYTYSTRESILCTRRNNRRYKTSTL\*H\*\*SKME\*HFKTDSEKIKRTI\*E\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLG\*\*YLE\*H\*KVK\*H\*\*YHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*WHE\*CHRDLQTWRRRYEG\*LEK\*II\*I\*SSTS\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGLHVSDADGTGQTIVVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCRKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISG\*NLG\*HDLDAVGKRN\*QLHNHNIQIN\*RIAKPTRKE\*TRIIGIR\*VGKFVELV\*HNKLAVVYKIIHNDSRRLDRLKNSFCCTFYSE\*S\*AGILTNIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTF

>B.1998.AY779555.AIDS

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFLSKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMQSLQIAAIVALVVALIIAIVVWTIVGIKYKKILRQKKIDGLIKKISKKAKDRGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRTIVGHSLLWGTCVERSRHHSILCIRC\*SICYRGA\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEK\*HGGTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LECY\*SH\*\*\*\*HGNDDGGRRNKKLLFQYHHKHKR\*ISERICTFL\*A\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCASKV\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQFSRRRGSN\*ICQFHRQC\*NHNSTAE\*TCKN\*LYKTQQQYKKKYTYSTRESILCTRRNNRRYKKSTL\*H\*\*SKME\*HFKTDSGKIRRTI\*E\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*\*YMG\*WYLE\*H\*KVK\*H\*\*YHTPMSNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*WHE\*YH\*DLQTWRRRYEG\*LEK\*II\*I\*SSTS\*TIRSSTHQGKEKSGAERKKSSGNRSCVP\*VLESSRKHYRRSVSNANGTGQTIIVWYSATAKQFAKSY\*GATASVATHSLGHQAAPGKTPGCKKIPKGSTAPRNLGLLWKNHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDAVGKRN\*QLHK\*HIQIN\*RIAKPRKEE\*TRIIGIR\*VGKFVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTNIVSDPPPSLEGTRQARRNRRRRWRERQRQIRTL

>B.1998.AY779557.AIDS

MEPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQVCFTRKGLGISHGRKKWRQRRRAPQDSETHQVPLPKQ\*VVYVMQMQSLQILAIVALVVAIAIAIVVWTIVGIEYRRILRQRKIDRLIERLSERAEDSGNESEGDQEELAALVEMGHHAPWNVDDL\*CCRSIVGNSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRIEKCDRRI\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEE\*Y\*YQYY\*NH\*EWLEKDGQRRDKKLLFQDHIRHKR\*SSGSICIFL\*A\*HSTNK\*\*CYQI\*VDKL\*HLNYYPSLSKGIL\*TNSNTLLYPSWFCAYKV\*Q\*DIRGERKMYKCQHSTMYTWN\*ASSFNSTAVKWQFNRKRGNN\*I\*QFHRQC\*NHNSTAT\*ICNN\*LYKTQQQYKEKYSYRTRENILCNRKNNRRYKTSTL\*H\*\*SRMEYHFKTDSGKIRRTI\*K\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLDLE\*HWMVPSKSHWSRKYHTPMQNKTNCKHVAGSRKSNVCPSHPRTNYLFIKYYWAAINKRWW\*YSN\*RH\*DLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSRNRSYVPWVLGSSRKHYGRSVNSADGTDQTIIGWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCRKIPKGSTAPRDVGLLWKTHLHHCYALEC\*LE\*\*ISE\*HLG\*HDLDAVGKRN\*QLHKLNIYLN\*RITHATRKE\*KRIIRIR\*VGRFVELV\*HNKLAVVHKTIHNDSRRLDSLKNNFCCAFCSE\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRERQRQVRKI

>B.1999.AY779558.AIDS

MELVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQVCFTRKGLGISHGRKKWRQRRRAPQDSETHQVPLPKQ\*VVYVMQMQSLQILAIVALVVAAIIAIVVWTIVGIEYRRILRQRKIDRLIERISERAEDSGNESEGDQEELAALVEMGHDAPWNVDDL\*CCRSIVGNSLLWGTCVERSNNHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRIEKCDRRV\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEK\*Y\*YQYY\*DH\*\*WLEKDGQRRDKKLLFQDHIRHKR\*SSGSICTFL\*A\*HSTNK\*\*CYQI\*VDKL\*HLNYYPSLSKGIL\*TNSNTLLYPSWFCAYKV\*Q\*NIRGERKMYKCQHSTMYTWN\*ASSFNSTAVKWHFSRRRGSN\*I\*QFHRQC\*NHNSTAEHICNN\*LYKTQQQYKEKYSYRTRENILCNRKNNRRYKTSTL\*H\*\*SRMEYHFKTDSGKIRRTI\*K\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLDLE\*HWMVTTKSHWSRKYHTPMQNKTNCKHVAGSRKSNVCPSHPRTNYLFIKYYWAAINKRWW\*YSN\*RH\*DLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVNSADGTDQTIIGWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCRKIPKGSTAPRDVGLLWKTHLHHYCALEC\*LE\*\*ISE\*HLG\*HDLDAVGKRN\*QLHKLNIYLN\*RITHATRKE\*KRIIRIR\*VVRSVELV\*HNKLAVVHKTIHNDSRRLDSLKNNFCCAFCSE\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRERQRQVRKI

>B.1992.AY779559.AIDS

MEPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQVCFTRKALGISHGRKKRRQRRRAPQDSETHQVPLPKQ\*VVHVMQSLQILAIVALVVALIIAIVVWTIVGIEYRKILRQRKIDRLIERISERAEDSGNESEGAQEELSALVEMGHHAPWNVDDL\*CCRTIVGHSLLWGTCVERSRHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRIEKCDRRI\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEE\*Y\*YQYY\*YH\*\*WLENDGERRNKKLLFQYHSRHKR\*SSESICIFL\*A\*HSTNR\*G\*\*YYQL\*VDKL\*HLNYYPSLSKGIL\*TNSHTLLYPGWFCAYKV\*Q\*DVQWKRRMYKCQHSTMYTWN\*ASSVNSTAVKWQFSGRRDSN\*I\*QFHGQC\*NHNSPAERICKN\*LYKTQQQYKKRYTYRTRENILCNRTNNRRYKTSTL\*H\*\*SRME\*HFKTDSGKIKRTI\*E\*NNSL\*SLLRRGPRKCNAQL\*LWRGIFLL\*FNTTV\*\*YLGV\*\*YLE\*H\*SRSHWSRKYHTPMQNKTNYKHVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWW\*\*QQ\*HHRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSSGNRSYVPWVLGSSRKHYGRSVTNADDTDQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDVGLLWKTHLHHYCALEC\*LE\*\*ISG\*HLE\*HDLDAVGKRN\*QLHKLNIHLN\*RITNPTRKE\*TRIIRIR\*VGRSVELV\*HNKLAVVYKTIHNDSRRLGRLKNNFCCTFYSE\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRERQRQVRKI

>B.1994.AY779560.AIDS

MEPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQVCFTRKGLGISHGRKKWRQRRRAPQDSETHQVPLPKQ\*VVNVMQSLQILAIVALVVALIIAIVVWTIVGIEYRRILRQRKIDRLIERISERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSRHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRIEKCDRRI\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEE\*Y\*YQYY\*YH\*\*WLENDGERRNKKLLFQYHSRHKR\*SSESICIFL\*A\*HSTNR\*G\*YYYQL\*VDKL\*HLNYYPSLSKGIL\*TNSHTLLYPGWFCAYKV\*Q\*DVQWKRKMYKCQHSTMYTWN\*ASSVNSTAVKWQFSRKRGSN\*I\*QFHGQC\*NHNSTAERICKN\*LYKTQQQYKKRYSYRTRENILCNRKNNRRYKTSTL\*H\*\*SRMEYHFKTDSGKIKRTI\*E\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLGV\*\*YLE\*H\*SRSHWSRKYHTPMQNKTNCKHVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWW\*\*QH\*HHRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSNRSYVPWVLGSSRKHYGRSVNSADGTDQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRNVGLLWKTHLHHYCALEC\*LE\*\*ISG\*HLG\*HDLDAVGKRN\*QLHKLNIHLN\*RITHPTRKE\*TRIIRIR\*VGRSVELV\*HNKLAVVYKTIHNDSRRLGRLKNNFCCTFYSE\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRERQRQVRKI

>B.1992.AY779561.AIDS

MEPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQVCFTRKGLGISHGRKKRRQRRRAPQDSETHQVPLPKQ\*VVHVMQSLQILAIVALVVALIIAIVVWTIVGIEYRRILRQRKIDRLIERISERAEDSGNESEGAQKELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSRHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRIEKCDRRI\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEE\*Y\*YQY\*QYH\*\*WLENDGERRNKKLLFQYHSRHKR\*SSESICIFL\*A\*HSTNR\*G\*Y\*YQL\*VDKL\*HLNYYPSLSKGIL\*TNSHTLLYPGWFCAYKV\*Q\*DVQWKRKMYKCQHSTMYTWN\*ASSVNSTAVKWQFSGKRDSN\*I\*QFHGQC\*NHNSTAEQICKN\*LYKTQQQYKKRYSYRTRENILCNRKNNRRYKTSTLQH\*\*SRME\*HFKTDSGKIKRTI\*E\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEV\*\*YLE\*H\*SRSHWSRKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*LFIKYYRAAINKRWW\*\*QQ\*YHRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSGSNRSYVPWVLGSSRKHYGRSVNNADDTDQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDVGLLWKTHLHHYCALEC\*LE\*\*ISG\*HLG\*HDLDAVGERN\*QLHKLNIHLN\*RITNPTRKE\*TGIIEIR\*VGRSVELV\*HNKLAMVYKTIHNDSRRLGRLKNNFCCTFYSE\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRERQRQVRKI

>B.1993.AY779562.AIDS

MEPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQVCFTRKGLGISHGRKKWRQRRRAPQDSETHQVPLPKQ\*VVYVMQMQSLQILAIVALVVAIAIAIVVWTIVGIEYRRILRQRKIDRLIERLSERAEDSGNESEGDQEELAALVEMGHHAPWNVDDL\*CCRSIVGNSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRIEKCDRRI\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEE\*Y\*YQYY\*NH\*EWLEKDGQRRDKKLLFQDHIRHKR\*SSGSICIFL\*A\*HSTNK\*\*CYQI\*VDKL\*HLNYYPSLSKGIL\*TNSNTLLYPSWFCAYKV\*Q\*DIRGERKMYKCQHSTMYTWN\*ASSFNSTAVKWQFNRKRGNN\*I\*QFHRQC\*NHNSTAT\*ICNN\*LYKTQQQYKEKYSYRTRENILCNRKNNRRYKTSTL\*H\*\*SRMEYHFKTDSGKIRRTI\*K\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLDLE\*HWMVPSKSHWSRKYHTPMQNKTNCKHVAGSRKSNVCPSHPRTNYLFIKYYWAAINKRWW\*YSN\*RH\*DLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSRNRSYVPWVLGSSRKHYGRSVNSADGTDQTIIGWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCRKIPKGSTAPRDVGLLWKTHLHHCYALEC\*LE\*\*ISE\*HLG\*HDLDAVGKRN\*QLHKLNIYLN\*RITHATRKE\*KRIIRIR\*VGRFVELV\*HNKLAVVHKTIHNDSRRLDSLKNNFCCAFCSE\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRERQRQVRKI

>B.1996.AY779563.AIDS

MEPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQVCFTRKGLGISHGRKKWRQRRRAPQDSETHQVPLPKQ\*VVYVMQMQSLQILAIVALVVAAIIAIVVWTIVGIEYRRILRQRKIDRLIERISERAEDSGNESEGDQEEFAALVEMGHDAPWNVNDL\*CCRTIVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRIEKCDRRI\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEE\*Y\*YQYY\*DH\*\*WLEKDGQRRDKKLLFQDHIRHKR\*SSGNICIFL\*A\*HSTNR\*\*CYQI\*VDKL\*HLNYYPSLSKGIL\*TNSHTLLYPGWFCAYKV\*Q\*DIRGERKM\*KCQHSTMYTWN\*TSSFNSTAVKWQLSRKRGNN\*I\*QFHGQC\*NHNSTAEHNCKN\*LYKTQQQYKKKYSYRTRENILCNRKNNRRYKTSTL\*H\*\*SRMEYHFRTDSGKIRRAL\*K\*NNSL\*SLLRRGPRNCDAQF\*LWRGIFLL\*FNTTV\*\*YLDLE\*HWMVSSKSHWSRKYHTPMQNKTNYKHVAGSRKSNVCPSHPRTNYLFIKYYWAAINKRWW\*YSN\*RH\*DLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSRSNRSYVPWVLGSSRKHYGRSVNSADGTDQTIIGWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCRKIPKGSTAPRDVGLLWKTHLHHYCALEC\*LE\*\*ISE\*HLG\*HDLDAVGKRN\*QLHKLNIHLN\*RITHPTRKE\*KRIIRIR\*VGRSVELV\*HNKLAVVHKTIHNDSRRLDMLKNNFCCAFCSE\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRERQRQVRKI

>B.1996.AY779564.asymptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAHQDSETHQADLSKQ\*VVHVMPLYHFYILAIVALVVALIIAIVVWSIVGIEYREILRQRKIDRLIDRLIERAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSKHHSILCIRCESICSRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*YHWECY\*YH\*\*\*RDGDGGRRNKKLLF\*YHHKHKG\*SSERICTLL\*I\*YSTNR\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCASKVRK\*EVQWNRIM\*KCQHSTMYTWN\*ASSVNSTTVKWQFSRRRGSN\*I\*QFHRQC\*NHNSTVERICKN\*LYKTQQQYKKEYKYRTRESILYNRRNNRRYKKSTL\*P\*\*SRLG\*HFKTDSEKIRRTI\*E\*NNKLYSFLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*YYLE\*H\*KVK\*QYRK\*KHHTHMQNKTNYKPVAGSRKSNVCPSHQRTN\*MLIKYYRAAINKRWW\*\*QGQYHRDLQTWRREYEG\*LEK\*II\*I\*SNKN\*TIRGSTYQGKEKSGAERKKSSGNRSLVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPRGSTAPRDLGLLWKTHLHHCGALEC\*LE\*\*ISE\*HLG\*HDLDAMG\*RN\*QLHK\*NIQVN\*KIAEPTRKE\*TRIIRIR\*VGKFVGLV\*HNKLAVVYKIIHNDSRRLGRFKNNFCCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIQTI

>B.2001.AY781126.-

MEPVDPRLEPWKHPGSQPKTACNTCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPYDNQNHQVSLSKQ\*VAYVMQPLEIAAIIALVVAGIIVIVVWTIVFIEYRKLLRQRKIDRLIDRIRERAEDSGNDSEGDQEELSALVERGHHAPWDVDDL\*CCRTRVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRP\*PTRNNIGKCDRKF\*YVEK\*HGRTDA\*GYNQLMG\*KLKAVCTINPTLYYFKLY\*FKEC\*\*YH\*\*\*RENDRGRRNKKLLFQCYLRNTR\*DAERKCTFL\*T\*CSTNR\*\*\*\*\*L\*VDKL\*HLSH\*TGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*KVQWNRTM\*KGQHSAMYTWN\*TSSINATAVKWQSSRRRGSN\*ICQSLRQC\*KHNSTAEGTCRN\*LYKTQQQYKKKYTYRTRESILYNKYIRRYKTSTL\*H\*\*CKME\*HFKTDS\*KIKRTIWE\*NNSL\*SISRRGPRNCNAQF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*RVK\*H\*ER\*CNTHTPMQNKTNYKHVAESRESNICPSHRRTN\*MFIQYYRADINKRWW\*WQ\*QDHHRDLQTWRRRYKGQLEK\*II\*IQSSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAKQLAEGC\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*IYK\*DLGKHDLDAVGKRS\*QLHKPNIHLT\*RIAEPARKE\*TRIIGIR\*MGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKDSFYCTFYSE\*S\*AGIFTIIISDPPPSTEGTRQARRNRRRRWRERQRQIRLL

>B.2001.AY781127.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRASQDSQTHQAALPKQ\*VVYVMQPLQIVAIVALVVVAIIAIVVWTIVFLEYRKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKAVGHSLLWGTCVERSIHHSILCIRC\*SS\*HRGA\*CLGHTCLCTHRP\*STRNSIGKCDRKF\*CMGK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*NYSKVQY\*Y\*C\*Y\*YVKLQWH\*LE\*\*\*\*MGRDEERNDKLLFQYHHKHKR\*DTERICTFT\*T\*YNANS\*\*\*\*KLCIDKL\*HLSHYTGLSKGNL\*TNSHILLYPGWFCDYKM\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRNKN\*I\*KYIRQCSNHNSTAE\*NCRN\*LYKTQQQYKKKYTHRSGESTLCNRRYNRRHKTSTL\*P\*QYKMEQHFKTGS\*KINRTI\*\*\*NNSL\*SILRRGPRNCNA\*F\*LWRGIFLL\*YNRIV\*\*YLAV\*\*Y\*K\*G\*RVRDK\*KKYHTPMQNKTNYKQVAGSRKSNVCPSHPRTN\*LFIKNYRDAINKRWW\*RERDKERYRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGTEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IAESDLGQHDLDGVGERN\*QLHKLNILLN\*TIAEPAGKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTCYSE\*S\*EGILTIVIPDPPPSPEGTRQARRNRRRRWRERQRQIRSL

>B.2002.AY795904.-

MEPVDPRLEPWNHPGSQPKTPCTACYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQGSQTHQVPLSK\*\*VVHVMQPLHLAAIIALVVAAIIAIVVWTIVGLEYRRILRQRKIDRLIDRISERAEDSGNESDEDQEELAALMEMGRLAPWDVNDL\*GYTEYVGYNLLWGTCVERRKHHSILCIRC\*SI\*\*RST\*CLGHTCLCTHRSQPTRNKIGKCNRKF\*HVEK\*HGRTDA\*GCN\*FMGSKPKAMCKVNPTMCYFKLQ\*LEWY\*YQ\*\*YE\*Y\*YQE\*\*\*\*GNAGGRKNEKLLF\*CHHCHKR\*SDERTCTFL\*T\*CSTNRKQ\*Y\*L\*VDKL\*HLNHYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EIQWNRTM\*\*CQLSTMHTWN\*ASSINSIAVKWQFSRRRDSNQIRQFLEQC\*NNNSTVE\*NCRN\*LYKTQQQYKKKYTYRTRQSILCNRRYNRKYKTSIL\*H\*WRKMD\*HSKQDIYKIKRPIWRK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*\*LAV\*\*YLE\*YSNVR\*YHTHTPMQNKTNHKHVARSRKSNVCPSHCRKN\*LFIKYYRDTINKGWW\*REPDHPRGLQTCRRRYEGQLEK\*II\*I\*SSKS\*AIRNSTHQGKEKSGAERKKSNRNGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAK\*FAESC\*GATTSVATHSLGHQTAPGKSPGCGKIPKGSTAPRALGLLWKTHLHHYCTLEYYLEQ\*ISGSYLAKHDMDAVGKRN\*\*LHRINIHLT\*GIAKPTRKE\*TRIIGIR\*MGKFVELV\*HIKVVVVHKNIHNDSRRLGRFKNNFYCTFYSE\*S\*EGILTIIVPDPPPSTEGTRQARRNRRRRWRERQRHIRTT

>B.2002.AY795905.-

MDPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQGGQIHQVPLSKQ\*VVHVMQPLQIAAIVALVVVALIAIVVWTIVFIEYRKILRQRKIDRLIERISERAEDSGNESDGDQEELAALVEMGHHAPWDVNDL\*GRRYVGHSLLWGTCVERSRHHSILCIRG\*SI\*YRGT\*CLGHTCLCTHRPQPTRTSIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKSKALCKINPTLCYFKLHRC\*YY\*GCQCQ\*\*\*\*GNDDEARRNEKLLFQCHHFHTK\*DEERTCTFLWT\*CSTNRRK\*\*\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKVQ\*\*EVQGNRNM\*\*CQHSTMYTWN\*ASSINSIAVKWQSSRRRGSNQIRQFLRQC\*SNNNTAE\*NCRN\*LYKTQQ\*YKKKYKYRTRQSILCNRRHNRKYKTSIL\*D\*\*SKVE\*NFKTNSHKIRRTIWEK\*NKNNSL\*SILRRGPRNCNAQF\*L\*RGIFLL\*NRKTV\*\*YLEFNTTDLE\*Y\*RVK\*HDHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*LFIKYYRADFNKGWW\*\*G\*WDR\*HHRDLQTWRRRYEGQLEK\*II\*V\*SSKN\*TIRNSTHQGKEKSGAERKKSSRIGSFALWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAK\*FAESCGGATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRALGLLWKTHLHHYCALEC\*LE\*\*NSESDLG\*HDLDTVGKRN\*\*LHRHNIQFNSRIAKPTRKE\*TRITEIR\*MGKFVELV\*HIKLAVVHKDIHNDSSRLGRFKNSFYCTFYSE\*S\*EGILTIIVPDPPPSTEGTRQARRNRRRRWRERQRHIRTT

>B.2004.AY818644.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCLLRKGLGISYGRKKRRQRRTAPQDSQTHQVSLSKQ\*VVHVMQSLQLAAIVALVVVAIIVIVVWTIVFIEYRKILRQRKINRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDGDDL\*CCRTIVGHSLLWGTCVERSNHHSILCVRC\*SI\*YRGS\*CLGYTCLCTHRPQPTRSSLGKCDRKF\*YVAK\*HGRPNA\*GYNQFMGSKPKTMCRINPTLCYFRLH\*CY\*LEY\*WYH\*\*\*FETGGRRNEKLLFQYHHKHKR\*DAERICTFL\*T\*CRTNR\*K\*Y\*L\*VNKL\*HLSHYTGLSKGILSANSHTLLCPGWFCDSKV\*\*\*EFQWNGTM\*QCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*KFHGRC\*NYNSTFECICKN\*LYKTQQQHKKRDPYRTRESILCNRKHNRRYKTSTL\*H\*\*SRLE\*HFRKDSYEIKRKIWE\*\*NNSL\*SILRRGPRNCKAPVYLWRGVFLL\*FSKAV\*\*HLE\*YWE\*YYSK\*H\*RNYHPPM\*NKTIYKHVAESRKSNVCPSHPRTN\*LFVRYYRAAINKRWW\*EQE\*HRDLQTWRRKYEGQLEK\*II\*I\*SSKT\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVSDVDGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGH\*TAPGKSPGCGKIPTGSTASGDLGLLWKTHLHHCCALEY\*LE\*\*ISGEYLG\*HDLDAVGKRNWQLHKHNI\*LNRRIAKPTRKE\*TRIIGIR\*VGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIVISDPPPSLEGTRQARRNRRRRWRKRQRQIHSI

>B.2004.AY819715.-

MEPIDPKLEPXKHPGSQPRTACNNCYCKKCCYHCQVCFTQKGLGISYGRKKRRQQRXPPQDSQTNQASLPKQ\*VVNVMHPLQIGAIVALVVATIIAIVVXTIVFIXYRKILRQXKIDRLIXRIAERAEXSGNESEGDQXELSALVXMGHHAPWDVNDL\*YCRTIVGHSLLWGTCMERSKHHSILCIRC\*SIXYRXA\*CLGHTRLCTHRPQPTRSVFDKCNRKF\*YVGK\*HGRTDARGYNQFMGSEHKTMCKINPTLCYFKLH\*LGGEEYYHCYSSHFEA\*ERRSKKLLFQCHHKHKR\*GAETICTVV\*S\*CSTNRRK\*Y\*L\*VDKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*QEVQWNRTM\*KCQHSTMYTWN\*TSSVNSTAVKWQSSRRRDSN\*V\*KSHGQC\*NHNSTSE\*ICTN\*LYKAQQQYKKRYTYRTRESMVCNRRYNRRYKKSTL\*H\*\*SKMG\*NXKEGS\*KVKRTI\*E\*DNNL\*AILRRGPRNCNAHF\*LWRGILLL\*YSTTV\*\*YLEY\*\*Y\*G\*Y\*\*HK\*KYHTPMQNKTNYKHVAGSRKSNICPSHRGSN\*LFIKYYRVAINKRWW\*G\*CEREQ\*NLQTWRRKYEGQLEK\*II\*IQSSKNPTIRSSTHQGKEKSGAERKKSSRTGSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAESY\*GATAPVATHSLGHQAAPGESPGCGEIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISR\*DLG\*HDLDGVGKRN\*\*LHRFNIQVNRRIAEPTRKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNNFCCTFYSE\*S\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRERQRHINSI

>B.1983.AY835748.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSQTHQASLPRQ\*VVYVMQSLEIVSIVALVVATIIAIVVWSIVFIEYRRILRQRIVPCVTDRIIEKSEDPGNESGGDQDVLSALVEMGHDAPWDINVLYCCRTIVGHSLLWGTCVERSKHHSILCFRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCEINPTLCYLKLH\*LLEE\*YSDQ\*\*\*RENNGERRSKKLLFQYHHKHKR\*GAERICAFL\*P\*CSTNR\*Y\*L\*VDKL\*HLSPYPSLSKGIL\*ANSHTLLCPGWFCASKV\*\*\*DVQWNRTMQKCQHSTMYTWN\*TSSIDSTAVKWQSSRRRGSN\*ICQFHGQC\*KHNSTAKEICTN\*LYKTQQQYKKRYTYRTRESILCNRRNNRRYKTSTL\*P\*\*SRME\*HFRTDNYKIKRTIWE\*NNNL\*SILRRGPRNCNAQN\*LWRGIFLL\*YNTTI\*\*YLVC\*\*YLE\*YSRKSNVCPSHQRTN\*MFIKYYRADINKRWW\*KQYWVRDLQTCRRRYEGQLEK\*II\*I\*SSKD\*TNRNSTH\*GKEKSGAERKKSSGNGSYVPWVLGSSRKHYGRSGSDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGYLGLLWKTHLHHCCALEC\*LE\*\*IYGLHLG\*HDLDGMGKRN\*QLHRLNIHLN\*RRAKPTRKE\*TRIIGVR\*MGKFVELV\*HNRMAVVYKNIHNDSRRLGRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSTEGTRQARRNRRRRWRERQRQIRSI

>B.1986.AY835749.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSQTHQASLPRQ\*VLYVMQSLEIVSIVALVVATIIAIVVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESGGDQEELSALVEMGHDAPWDINDL\*CCRTIVGHSLLWGTCVERSNHHSILCFRC\*SI\*HRGA\*CLGHTCLCTHRPQPTRSSIEKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCKINPTLCYLKLY\*LLEEWY\*DQ\*\*\*RENNGERRSKKLLFQYHHKHKR\*GAERICAFL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLYPGWFCASKV\*\*\*EVQWNRTMRKCQHSTMYTWN\*TSSINSTAVKWQSSRRRCSN\*ICQFHGQY\*KHNSTAE\*ICNN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTL\*P\*YNKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTI\*\*YLEC\*\*YLE\*Y\*RVK\*H\*KK\*HTHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*LFIKYYRADINKRW\*\*KQQ\*DRDLQTCRRRYEGQLEK\*II\*I\*SSKD\*TIRSSTH\*GKEKSGAERKKSSSGTRSCVPWVLGSSRKHYGRSGSDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGYLGLLWKTHLHHCCALEC\*LE\*\*ISGSDLE\*NDLDGVGKRN\*QLHRLNIHLN\*RRAKPTRKE\*TRVIGIR\*MGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSTEGTRQARRNRRRRWRERQRQIRSI

>B.1989.AY835750.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVHVMQPIIVAIVALVVAIIIAIVVCSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESGGDQEELSALVEMGHDAPWDINDL\*CYRTIVGHSLLWGTCVERSKHHSILCFIF\*SV\*HRGT\*CLGHACLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCEINPTLCYLKLY\*LLEEWY\*DQ\*\*\*RENDGERRSKKLLFQYHHKHKR\*GAERICAFL\*P\*CSTNRW\*\*Y\*L\*VDKL\*HLSHYPSLSKGIL\*ANSHTLLCPGWFCASKV\*\*\*DVQWNRTMQKCQHSTMYTWN\*TSSIDSTAVKWQSSRRRGSN\*ICQLHGQY\*KHNSTAE\*ICNN\*LYKTQQQYKKRYTYRTRESILYNRRNNRRYKTSTLQPS\*SKME\*HFKTDSYKIKRTI\*E\*NNNF\*SILRRGPRNCNAQF\*LWRGIFLL\*YNKTI\*\*YLEC\*\*HLE\*Y\*KVK\*H\*QK\*HCHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYY\*ADINKRW\*\*KQQ\*ERDLQTCRRRSTGQLEKCIILL\*SSKD\*TIRNSTHQGKEKSGAERKKSSGNGSYVPGVLGSSRKHYGRSGSDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGYLGLLWKTHLHHCCALEC\*LE\*\*IYGAHLG\*HDLDGVGKRN\*QLHRLNIHLN\*RRAKPTRKE\*TRIIGVR\*MGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSHRGTRQARRNRRRRWRERQRQIRSI

>B.1990.AY835751.-

MEPVDPRLEPWKHPGSQPQTACTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQASLPRQYVVYVMQSYIVSIVALVVATIIAIVVWSIVFIEYTKILRQRKIDRLIH\*IRERAEDSGNESGGDLSALVEMGHDAPWDIHL\*CCRTIVGHSLLWGTCVERSKHHSILCFRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RCNQFMGSKPKAMCEINPTLCYLKLH\*LLEE\*YSDQ\*\*\*RENNGERRSKKLLFQYHHKHER\*GAERICAFL\*I\*CSTNR\*\*\*Y\*L\*VDKL\*HLSPYPSLSKGIL\*ANSHTLLCPGWFCASKV\*\*\*DVQWNRTMQKCQHSTMYTWN\*TSSIDSTAVKWQSSRRRGSN\*ICQLHGQC\*KHNSTAKEICTN\*LYKTQHQYKKRYPYRYTYRTRETILCNRRNNRRYKTSTL\*P\*\*SRME\*HFRTDSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YIPTI\*\*YLEC\*\*HLE\*Y\*RAKYHTPMQNKGNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRANINKRWW\*KQEWVRDLQTCRRRYEGQLEK\*II\*I\*SSKD\*TNRNSTH\*GKEKSGAERKKSSGNGSYVPWVLGSSRKHYGRSGSDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGC\*KIPKGSTAPGFLGLLWKTHLHHCCALEC\*LE\*\*IYGVHLE\*HDLDGVGKRN\*QLPRLNIPLN\*RCAKPTRKE\*TRVIGIR\*MGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSTEGTRQARRNRRRRWRERQRQIRSI

>B.1992.AY835752.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFRTKGLGISYGRKKRRQRRRAPQDSQTHQASLPRQYVVYVMQSLEIYTIVALVVATIIAIVVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESGGDQDELSALVEMGHDAPWDVNDL\*CCRTIVGHSLLWGTCVVRSNHHSILCFRC\*SI\*HRGA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGGTDA\*GCNQFMVSKPTAMWKINPTLVTFKLH\*LLEE\*YYHH\*\*RENNGERRSKKLLFQYHHKHKR\*GAERICAFL\*T\*CSTNR\*S\*L\*VNKL\*HLSPYPSLSKGIL\*ANSHTLLCPGWFCASKV\*\*\*EVQWNRTMQKCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*ICQFHGQC\*KHNSTAEEICTN\*LYKTQQQYKKRYTHRYTYRTRETILCNRRNNRKYKTSTL\*P\*\*SRME\*HFKTDIYKIKRTIWD\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YIPTI\*\*YLEC\*\*HLE\*Y\*RARYHTPMQNKGNYKHVAGSRKSNVCPSHQWTN\*MFIKYYRADIDKRWW\*KH\*WVRDLQTCRRRYEGQLEK\*II\*I\*SSKD\*TNRNSTH\*GKEKSGAERKKSSGNGSYVPWVLGSSRKHYGRSGSDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGYLGLLWKTHLHHCCALEC\*LE\*\*IYGLHLE\*HDLDGVGKRN\*QLHRLNIHLN\*RCAKPTRKE\*TRIIGVR\*MGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPQHEGTRQARRNRRRRWRERQRQIRSI

>B.1996.AY835753.-

MEPVDPRLEPWKHPGSQPQTACTSCYCKKCCFHCQVCFTKKGLGISYGRKKWRQRRRAPEDSQTHQVSLPKQ\*VVHVMQPIIVALVALVVAAIIAIVVWSIVIIEYRRILRQRKIERLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVDDLYCYRKIVGHSILWGTCVERSNHHSILCIRC\*II\*YRGT\*CLGHTCLCTHRPQPTRIGIKKCDRRV\*HVEK\*HGRTDAGGYNQFMGSKHKAMCKINPTLCYFKLHWFEE\*Y\*CH\*CL\*YSSSYHE\*\*\*\*EYNGRRNGKLLF\*YHHNHE\*GAERICTLLYT\*CSTNS\*\*\*\*\*\*CQ\*\*CQEKDQL\*VDKL\*HISRHTGLSKGKL\*ANSHTLLCPGWFCDSKM\*REGVQWKGTM\*KCQHSTIYTWN\*ASGVNSIVVEWQSSRKGDSN\*I\*KFHGQY\*NHNSTAE\*TCKN\*VYKTQQQYKRKYNYGTRESILCNRRYNRKYKKSILYP\*GNGMD\*HFKKDS\*KIRRKI\*K\*NNKIYSILRRGPRNCSTQF\*LWRGIFLL\*DNTTV\*\*HLD\*G\*W\*LD\*G\*EYY\*RE\*YHTPMQNKTNCKPVAASRKSNVCPSHQWTN\*LFIKYYRTAINMGWW\*\*\*H\*\*\*QHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEGKKSSGTRSFVPWVLGNSRKHYGRSIIDADGTGQTIIVWYSATAEQFAEGY\*GATTSVAAYSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISK\*HLG\*HDLDAVGREKLSITQA\*YTPYLWSRKSSKKRMYKNY\*N\*IHGQVCGIGST\*QIGCGI\*NYS\*\*\*\*EA\*\*V\*E\*FLLCFL\*\*IQLRRDTHPYRFRPASPARREPTGPKESKKEVERQTDPVPFD\*

>B.1983.AY835754.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVHVMQPIILAIVALVVAIIIAIVVWSIVAIEYRKILSQRKIARIIDRIIERPEASGNESEGDQEELSALVVEMGHHAPWDINDL\*CCRQIVGHSLLWGACVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*SEECY\*YH\*W\*WGSDGERRNKKLLFQYHHKHKR\*GAERTCTFL\*T\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLYPGWFCDSKV\*R\*EVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGNN\*I\*QFHGQC\*NYNSTAERICRN\*LYKTQQQYKKKYTYRTRESILYNRTNNRRYKTSTL\*P\*\*NKMG\*HFKTDS\*KIKRTIWE\*YNSL\*SFLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWY\*CVK\*H\*RKYHTPMQNKTNCKHVAGSRKSNVCSSHQRTN\*MLIKYYRAAINKRWW\*\*PERDRDL\*TWRRRYEGQLEK\*II\*I\*SSKN\*PIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSLSCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*IFG\*DLG\*HDLDAVGKRN\*QLHKLDIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFYYTFYSE\*S\*AGIFTIIVSDPPPSPERTRQARRNRRRRWRERQRQIRSL

>B.1985.AY835755.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISHGRKKRRQRRRAPQDSQTHQASLSKQ\*VVHVMQSLQILALVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGS\*CLGHTCLCTHRPQPTRSSIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLH\*FGE\*Y\*YQ\*\*\*\*LGKDGERRNKKLLFQYHHKHKRQGAERICTSL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWKRTMYKCQHSTMYTWN\*ASGINSTTVKWQSSRRRGSN\*I\*QSHEQC\*NHNSTAEGTCRN\*LYKTQQQYKKRYIYRTRESILYNRKNNRRYKTSTL\*H\*\*SKME\*HFTTDS\*KIKRKI\*E\*NNSL\*SILRRGPRSCNAQF\*LWRRIFLL\*LITTV\*\*YLE\*YY\*RDK\*P\*RSYHTPM\*NKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYYWAAINKRWW\*\*RGQYHRDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHPGKEKSGAERKKSSGNARSCVPWGLGSSRKHHGRSVNDADGTDQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPTGSTAPKDLGLLWKTHLHHYCALE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHKLNIHLNCRIAKPTRKE\*ARIIGIR\*VGKFVELV\*HNKLAVVYKNIHDDSRRLDRFKNSCCCAFYSE\*S\*AGIFTIIITDPPPNPEGTRQARRNRRRRWRERQRQIRNI

>B.1986.AY835756.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSQTHQNSPSKQ\*VVHVMQPLQILALVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKI\*HVEK\*HGRTDA\*GHNQFMGSKPKAMCKINPTLCHSRLH\*FRECY\*YQ\*\*\*LGRDGERRNKKLLFQYHHKHKRQGDKRICTFL\*P\*CSTNR\*E\*D\*L\*VDTL\*HLNHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRIM\*KCQHSTMYTWN\*ASGINSTTVKWQSSRRRSSN\*I\*QSHGQC\*NHNSTAEGTCRN\*LYKTQQQYKKRYIYRTRESILYNRKNNRRYKTSTL\*H\*\*SKME\*HFTTDS\*KIKRKI\*E\*NNSL\*SILRRGPRSCNAQF\*LWRRIFLL\*FITTV\*\*YLE\*WYLE\*Y\*H\*RNYHTPM\*NKTNYKQVAGSGKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*RGQYHRDLQTWRRRYEGQLEK\*II\*I\*SSRN\*PIRSSTHQGKEKSGAERKKSSGNARSCVPWGLGSSRKHHGRSVNDADGTDQTIIVWDSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGVLWKTHLHHCCALE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHKLNIHLNCRIAKPTRKE\*ARIIGIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGIFTIVIADPPPNPEGTRQARRNRRRRWRERQRQIRNI

>B.1986.AY835757.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSKTHQASLSYQYVVHVMPLQVAAIVALVVAIIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALMEMGDHAPLVINDL\*CCRTVVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRADA\*GYNQFMGSKPKAMCKINPTLCYSKLH\*LLGE\*Y\*Y\*YH\*ECY\*YHCW\*RGNTKGRSNEKLLFQDHHKHKR\*GEERICTFL\*P\*CSTNRK\*E\*\*YQL\*VDKL\*HLNHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHEQC\*SHNSTAKRICRN\*LYKTLQQNKKKNHAYRTRESILYNRRRRKYKKSIL\*H\*\*STME\*HFTTDS\*KIKRKI\*E\*NNSL\*SILRRGPRDCNAQL\*LWRGIFLL\*FNTTV\*\*YLEWY\*RDRY\*RE\*HNHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MFIKYYRAAINKRWW\*\*Q\*HDRDLQTWGRRYEGQLEK\*II\*I\*SSKN\*PIRSSTHCCKEKSGAERKKSSGNARSCVPWGLGSSRKHHGRSVNDADGTDQTIIVWDSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGVLWKTHLHHCCALE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHKLNIHLN\*RIAKPTRKE\*ARIIGIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGIFTIVIADPPPNPEGTRQARRNRRRRWRERQRQIRNI

>B.1987.AY835758.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQACFITKGLGISYGRKKRRQRRRAPQDSETHQASLSKQYVVHVMPPIVVAIVALVVAIIIAIVVWSIVFIEYRKILRQRRIDRLIDRIRDRAEDSGNESEGDQEELSALVEIGDHAPLVINDLYCCRTVVGHSLLWGTCVERSNHNSILCIRC\*NI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*LLGE\*YH\*ECY\*YHCW\*RGNTKGRSNEKLLFQYHHKYKR\*GAERICTFL\*P\*CSTNRK\*E\*\*YQL\*VDKL\*HLNHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSD\*I\*KFHKQC\*SHNSTAEKICRN\*LYKTQQQYQKRHTYRTRESILYNRRSNRKYKTSTL\*H\*\*STME\*HFTTDSCKIKRTI\*E\*NNSL\*SILRRGPRDCNAQL\*LWRGIFLL\*HNKTV\*\*YLE\*\*YLECYCRPRIK\*H\*RHHHTPMQNKTNYKHVAGSRKSNVCPSHQRTT\*MFIKYYRAAINKRWW\*\*Q\*HEHDRDLQTWGRRYEGQLEK\*II\*I\*SSKN\*TTRNSTH\*GKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAQGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ILR\*HLG\*YDLDAVGKRNWQLHKLNIHLN\*RIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTCCSE\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRERQIQIRSI

>B.1982.AY835759.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQYVVHVMQPLQIVVIVALVVATIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHSAPRDIDDL\*CYRTIVGHSLLWGTCVERSKHHSILCIRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEKQHGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*YQW\*\*RENDGERRNEKLLFQYHHKHKR\*DAERICAFL\*T\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGILSANSHTLLCPGWFCDSKV\*R\*EVQWNGTM\*KCQHSTMYTWN\*ASSINSTAVKWKSSRRRGIN\*ICQFHGQC\*KHNSTAEQICRN\*LYKTQQQYKKKYTYRTRESILYNRRHNRKYKTSTL\*H\*\*SRMV\*HFRTDS\*KIKRTI\*E\*NNSL\*SILRGGPRNCNAQF\*LCRGIFLL\*YNRTV\*\*YLEWY\*YLECY\*RKLH\*RKYHTPMQHKTNCKHVAGSRKSNVCPSHQRTN\*MLIKYYRAAINKRWWY\*Q\*DRDLQTWRRRYEGQLEK\*II\*I\*SSKNRTIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISK\*DLG\*HDLDGVGKRN\*QLHRLNIHLN\*RIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSVCSTFSSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1987.AY835760.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDGQTHQVSLSKQYVVHVMQPLQIVVIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CYR\*IVGHSLLWGTCVERSKHHSILCI\*C\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFVGSKLKAMCKINPTLCYFKLH\*FEECY\*YH\*\*\*RENDGGERRNKKLLF\*YHHRHKR\*GAERICTFV\*I\*YSTNR\*\*YDQL\*VDKL\*HLSHYTGLSKGILSANSHTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWKCSRRRGSN\*ICQFLGQC\*NHNSTAERICRN\*LYKTQQQYKKKYTYRTRESILCSRRHNRRYKTSTL\*H\*WRKMA\*HFKTGS\*KIRRTI\*E\*NNSL\*KFLRGGPRDCNAQF\*LWRGIFLL\*YNRTV\*\*YLE\*\*YLE\*\*\*YSE\*YYHTPMQDKTNYKHVAGSRKSNVCPSHQRTN\*MLIKYYRAAINKRWWC\*QWY\*WDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLG\*HDLDGVGKRN\*QLHRLNIHLN\*RIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSVCSTFSSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1991.AY835761.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDNQTHQVSLSKQYVVHVMQPLQILAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHDAPWDIDDL\*CCRTIVGHSLLWGTCVERSKHHSILCIRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HVEKQYGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*\*VGDYKLH\*L\*\*SQW\*\*REREEDRRDEGRRNKKLLFQYHHKHRR\*DAESICTFL\*T\*CNTNR\*\*\*YQL\*\*YQL\*LYQL\*VDKL\*HLSHYTGLSKGILSANSHTLLCPGWFCDAKV\*R\*EVQWNRAM\*NCQHSTMYTWN\*ASSINSTAVKWKSSRRRGSN\*ICQFLGQC\*NHNSTAERTCRN\*LYKTQQQYKKKYTYT\*RTRESILCVRRHNRRYKTST\*\*H\*\*SKME\*HFRTDN\*KIKRTIWE\*\*NNSL\*AILRGGPRN\*NAQF\*LCRGIFLL\*YNSTV\*\*DI\*\*D\*E\*\*WYLE\*Y\*PYHTPMQDKTNCKHVAGSRKSNVCPSHQRTN\*MLIKYYRAAINKRWW\*WQ\*Y\*K\*YRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLC\*YDLDGVGKRN\*QLHRLNIHIN\*RIAEPTRKE\*TRIIGLR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSVCSTFYSE\*S\*AGILTIIVSDPPPGPEGTRQARRNRRRRWRERQRQIRSI

>B.1984.AY835762.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQYVVHVMQSLQIVVIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CYR\*IVGHSLLWGTCVERSNHHSILCI\*C\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFVGSKLKAMCKINPTLCYFKLH\*FEECY\*YH\*\*\*RENNGGRRNKKLLF\*YHHRDKR\*GAERICTFV\*I\*YSTNR\*\*YDQL\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*\*\*EVQGNRTMYKCQHSTMYTWN\*ASSIHSLAVKWQSSRKRDSN\*I\*KFHRQ\*\*NHNSTSE\*ICRN\*LYKAQQQYKEKYTYRTRKSILYNRRNNRKYKTSTL\*P\*\*NKMGEHFKTDS\*KIKRTI\*E\*NSNI\*SILRRGPRNCNAHF\*LWRGIFLL\*FNTTV\*\*YLDV\*\*Y\*\*Y\*RVK\*N\*HTHTPMQNKTNYKHVAGSRKSNVCPSNQRTN\*MFIKYYRAAINKRWW\*EQ\*DRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATYSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*NSG\*DLE\*HDLDGVGERN\*QLHKLNIHLN\*EIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCAFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQKQIRSL

>B.1988.AY835763.-

MEPVDPRLEPWKHPGSQPKTACTSCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQTHQVSLSKQYVVHVMHLTIVAIVALVVVTIIAIVVWSIVLIEYRKIFRQRKIDRLIDRIRERAEDSGNESEEDQEELSALVEMGHDAPWDVDDL\*CYK\*LVGHSLLWGTCVERSNHHSILCI\*C\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEK\*HGRTDA\*GYNQFVGSKLKAMCKINPTLCYFTLH\*L\*GE\*\*D\*YQCY\*YQCY\*YQ\*Q\*LGNDGERRNKKLLF\*YHHRDER\*DAERICTFV\*T\*YSINR\*\*\*YQL\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWNRTMYKCQHSTMYTWN\*ASSIHSLAVKWQSSRRRDSN\*I\*KFHGQ\*\*NHNSTSE\*ICRN\*LYKAQQQFKEKYTYRTRKSILYNRRNNRRYKKSTL\*P\*YSKMGGHFKTDS\*KIRRTI\*E\*NKE\*NNNRI\*ATLRRGPRNCNAHF\*LWRGIFLL\*FNKTV\*\*YLEV\*WYYLELDYRVK\*N\*SKCHTPMQNKTNYKHVAGSRKSNVCPSHQRSN\*MFIKYYRAAINKRWW\*\*QW\*\*QWDRD\*Q\*DRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAEREKNSGIRSLVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATYSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKIHLHH\*CALEY\*LE\*\*ISE\*DLG\*HDLDAVGKRN\*QIHKLNIHLT\*GIANPTRKE\*KRIIGIR\*MGKFVELV\*HNKLAVVHKNIHNDSRRLGRFKNNFCCAFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRSL

>B.1992.AY835764.-

MEPVDPRLEPWKHPGSQPRTACNSCYCKRCCFHCQVCFITKALGISYGRKKRRQRRRTPQDSQNHQVSLSKQYVVHVMHPLQIAAIVALVVVTIIAIVVWSIVLIEYRKILRQRRIDRLIDRIGERAEDSGNESEGDQEELSAIVEMGHHAYHAPWDINDL\*CYKKIVGHSLLWGTCVERSNHHSILCI\*C\*SI\*DRGT\*CLGHTCLCTHRPQPTRIILGKCDREF\*HVEQ\*HGRTDA\*GYNQFVGSKLKAMCKINPTLCYFTLH\*LECY\*LDQ\*\*NQYY\*YLCW\*CQY\*QQGTDKQLLF\*YHHRGGR\*DAEKIYTFV\*N\*YSINR\*\*\*\*YQL\*VDRL\*PLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWNRTMYKCQHSTMYTWD\*ASSIHSLAVKWQSSRRRDSN\*ISKFHGQ\*\*NHNSTSE\*ICRN\*LYRGEHSRQQGR\*KEI\*DNGQQQVNEKYKNTL\*P\*YRKLGDHFKTGS\*KIRRTIF\*E\*KNEYNNKI\*ATLRRGPRNCNAYF\*LWRGIFLL\*FIKTV\*\*\*LV\*\*YCLEWYHRVK\*N\*WHTLMQNKTNYKHVAGSRKSNVCPSQRRNN\*MFIKYYRAAINKRWW\*\*\*QWDRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TNRNSTHPGKEKSGAERKKSSGIRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATEEQFAEGY\*GATAYVATYSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKIHLHH\*CALEY\*LE\*\*ISE\*DLG\*HDLDAVGKRN\*HIHRLNIHIT\*GIAHPTRKE\*KRIIGIR\*MGKFVELA\*HNKLAVVHKNLHNDSRRLGRFKNNFYCAFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRSL

>B.1984.AY835765.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQYVVHVMQALNTLAIVALVVAIIIAIVVWSIVAIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSALVEMGHDAPWDIDDLYCWRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSGIEKCNRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFELH\*SEE\*Y\*YQ\*\*\*RGSDGERRNKKLLFQHHHKHKR\*GAERICNFL\*T\*YSTNK\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLYPSWFCDSKV\*R\*KVQWKRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGNN\*I\*QSHGQC\*NYNSTAERICRN\*LYKTQQQYKKKYTYRTRESILYNRTNSRYKTSTL\*H\*\*SKME\*HFKTDS\*KIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWY\*GVI\*HFRKYQYHTPMQNKTNCKHVAGSRKSNVCSSHQWTN\*MFIKYYRAAIDKRWW\*\*PDQDRGFQTWGRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSDIRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*IFG\*DLG\*HDLDAVGKRN\*QLHRLNIHLN\*TIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFYYTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1989.AY835766.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSETHQVPLSKQYVVNVMQSLVILAIVAYVVAIILAIVVWSIVFIEYRKILRQRRIDRLIDRIGERAEDSGNESEGDQEELSAIVEMGHHAPWDINDL\*CYKKIVGHSLLWGTCVERGNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIEKCDRKF\*HVEK\*HGRTDA\*GYNQFVGSKPKAMCKINPTLCYFKLH\*LEECY\*YH\*\*QRNNRGRRNKKLLFQCHHNSKR\*GAERVCTFL\*T\*CSTTRRC\*\*\*YQL\*VDKL\*YLSHYTGLSKGNL\*ANSHTLLCPSWFCASKV\*Q\*DVQWNRTMQKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGRT\*ICQFHRQC\*NHNSTAE\*ICSNYLYKTQQQYKKKYTYRTRESILCNRRNNRKYKTSIL\*P\*YNKME\*HFKTDSYKIKRTIWNE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNKTV\*\*YLDV\*WYLDWYK\*HGKKWHNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRAAINKRWW\*EREESESRDLQTWRRRYEGQLEK\*II\*L\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIIWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGYLGLLWKTHLHHCCALEC\*LE\*\*ICGLHLE\*HDLDGLGKRN\*QLHRLNIQLN\*RIAKPTRKK\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1993.AY835767.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSETHQGSLSKQLVVNVMQSLVILAIAAYIVAIIIAIVVWSIVFIEYKKILRQRRIDRLIDRIIERAEDSGNESEGDQEELSAIVEMGHHAYDAPWDVNDL\*CYKKVGHSLLWGTCVERSNHHSILCIRC\*SIWHRGT\*YLGHTCLCTHRPQPTRSSIECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*RKECY\*YH\*\*QWGNNRERRNDRLLFQCHHNSKR\*GAERTCTFL\*T\*CSTTKGS\*\*YYQL\*VDKL\*YLNHYTGLSKGNL\*ANSHTLLCPGWFCASKV\*Q\*DVQWNRTMHKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGNT\*ICQFHEQC\*NHNSTAE\*ICSN\*LYKTPQKGKKKGTYRRGENILCNRHRRRYKKSILYP\*FNKME\*HFTTYSYKIKRTIWKGENNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNKTV\*\*YLDE\*WYLDWY\*RVK\*QHHTPMQNKTIYKHVAGSRKSNVCPSHRRTN\*LFIKHYRAAINKGWWWEREQERERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIIWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGYLGLLWKTHLHHCCALE\*\*LE\*\*ICAVHLE\*HDLDGLGKRN\*QLHRLNIRLT\*TIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRFI

>B.1995.AY835768.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAHQNSETHQGSLSKQYVVNVMQSLVILAIAAYIVAIIVAIVVWSIVYIEYKKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAHHAPWDINDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*YLGHTCLCTHRPQPTRSSIECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LEECY\*YH\*\*\*WECYYYP\*\*QWENNGGKRRNDKLLFQSHHSSKR\*GAERICNFL\*T\*CSTTKKS\*\*YYQL\*VDKL\*YLNHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGNT\*ICQFHEQC\*NHNSTAE\*ICSN\*LYKTPQKDKKKGTYGRGENILCNRHRRRYKKSILYP\*FNKME\*HFTTYSYKIKRTIWKGENNNL\*SILRRGPRNCNAQF\*L\*RGIFLL\*YNKTV\*\*YLDE\*WYLDWY\*RVR\*QHHAPMQNKTNYKHVAGSRKSNVCPSHRRTN\*LFIKHYRAAINKGWWWEREQERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSGNDADGTGQTIIDWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGYLGLLWKTHLHHCCALE\*\*LE\*\*ICAVHLE\*HDLDGLGKRN\*QLHRLNI\*LT\*TIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRFI

>B.1985.AY835769.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHKDSETHQVSLSKQYVVNVMQSVVLAILAIVLAIILAIVVWSIVFIEYRKILTQRRIDRLIDRIRERAEDSGNDSEGDHEQLSALVEMGHHAHHAPWDIVDLYCCRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSCIDKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKTNPTLCYFKLH\*LEE\*H\*YQYW\*RGNNGERRNDKLLFQCHHRNKR\*GAERICTFL\*T\*CSTNK\*\*\*\*G\*YQL\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCASKV\*R\*EVQWNRTMHKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IC\*PHGQY\*NHNSTAERICSN\*LYKTQQQYKKRYTYRTRESILCNRRHNRRYKTSTL\*P\*YNKME\*HFKTDSYKIKKTIGEE\*NSSL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*QYLAW\*WYLEWY\*RKWHTHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*EREQYHPQTWRRGYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*FAEGY\*GATAYVETHSLGHQAAPGKSPGCGKIPKGSTAPGYLGLLWKTHLHHCCALEC\*LE\*\*KSESDLG\*HDLDGVGKRN\*QLHKLNILPN\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRDI

>B.1983.AY835770.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFMKKALGISYGRKKRRQRRRAPQDSQTHQVSLSKQYVVHVMQSLHILAIVALVVATIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSRHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEKRHGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLH\*FEE\*Y\*YQ\*\*\*RGNDGERRNKKLLFQYHHKHKR\*DAERICTFL\*T\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDYKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHEQC\*NHNSTAERICRN\*LYKTQQQYKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*NKME\*HFKTDS\*KIKRTIWE\*NNNL\*SILRRGPRNCNAQL\*LWRRIFLL\*FNTTV\*\*YLEW\*\*YLECY\*RVKY\*RVK\*\*HYRK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAVNKRWW\*\*\*QRIGGPETWRRRYEGQLEK\*II\*I\*SGKN\*TIRGSAHQGEEKSGAKREKSSGNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISESNLG\*HDLDGVGKRN\*QLHKLNIHLN\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVADPPPQPEGTRQARRNRRRRWRERQRRIRQI

>B.1986.AY835771.-

MEPVDPRLEPWKHPGSQPRTACTSCYCKKCCFHCQVCFTRKALGISYGRKKRRQRRRAPQDSQTHQVSLSKQYVVHVMQPLHIVAIVALVVATIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSKHHSFLCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLH\*LEECY\*YQ\*\*\*RGNDGERRNKKLLFQYHHKHER\*DAESICTFL\*T\*CSTNR\*\*\*\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDYKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQILGQY\*NHNSTAERICRN\*LYKTQQQYKKKYNYRTRESILYNRRYNRRYKTSTL\*P\*\*NRME\*HFDTDS\*KIKRTI\*E\*NNSL\*SILRRGPRNCNAQL\*LWRRIFLL\*YNTTV\*\*YLECNWYLECYCKVKLHWRK\*QYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAVNKRWW\*RERDHHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGEEKSGAEREKSSGNRS\*VPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*KSESNLG\*HDLDGVGKRN\*QLHKLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVADPPPKPEGTRQARRNRRRRWRERQRRIRQI

>B.1997.AY835772.-

MEPVDPSLEPWKHPGSQPRTACTSCYCKKCCFQCQVCFTRKALGISYGRKKRRQRRRADQDSQTHQVSLSKQYVVHVMQPLHIAIGALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDLYCYRKIVGHSLLWGTCMERSRHHSILCIRC\*SIFYRGT\*CLGHTCLCTHRPQPTRSSIGKCDRTF\*HVEK\*HGRTDAGGYNQFMGSEPKAMCKINPTLCYFKLH\*CYWEECY\*CQ\*\*\*SRGRRNKKLLFQYHHKHER\*DAESICTFL\*A\*CSTNR\*\*CR\*\*\*\*\*YQLYQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDYKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSD\*ICQSHGQY\*KHNSTAERTCRN\*LYKTQQQYKKKYTYRTRESILYNRRHNRRYKTSILYP\*WNKME\*HCKTDS\*KIKRTIWE\*NNSL\*SILRRGPRSCNAQL\*LWRRIFLL\*YNTTV\*\*YLECY\*RGK\*KHYRK\*HRHNHTPMQDKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRATVNNRWWC\*\*HDRDLQTWRRRYEGQLEK\*II\*I\*RSKN\*TIRGSAHQGEEKSGAKREKSSGTRSYVPWVLGSSRKHYGRSVTDVDGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQTAPGKSPGCGKIPEGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*KPESNLG\*HDLDGVGKRN\*QLHRLNIHLN\*KIAKPARKE\*TRIIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCTFHSK\*S\*AGILTIIVADPPPQPEGTRQARRNRRRRWRERQRRIRQI

>B.1994.AY835773.-

MEPVDPRLQPWKHPGSQPSTACTSCYCKKCCFHCQVCFTRKALGISYGRKKRRQRRRADQDSQNHQVSLSKQ\*VVHVMQPLTIVAIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CYRKIVGHSLLWGTCVERSRHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSNGKCDRTF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCHFKLH\*C\*LEE\*Y\*YQ\*WRGKGRERRNKKLLFQGHHKRKR\*DAESICTFL\*T\*CSTNR\*C\*\*\*\*Y\*L\*VDKL\*HLNHYTGLSKGIL\*ANSHTLLYPGWFCDYKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQPSRRRGSN\*ICQSHRQY\*KHNSTAERSCRN\*LYKTQQQHKKKYTYRTRESILYNRRNNRRYETSILYP\*WNKMERHVKTDS\*KIKRTIGE\*NNSL\*SIRRRGPRSCNAQL\*LWRRIFLL\*YNTTV\*\*YLEDS\*YLECY\*KVKLH\*RK\*HTHTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MFIKYYRATVNNRWW\*\*\*HDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGEEKSGAKREKSSGTRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*KSESNLG\*HDLDAVGKRN\*KLHRLNILLN\*KIAKPARKE\*TRIIGIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCTFHSE\*S\*AGILTIIVADPPPSPEGTRQARRNRRRRWRERQRRIHQI

>B.1986.AY835774.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRASQGGQTHQVSLSKQYVVHVMLPLHIVAIVALVVAIIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSAVVEMGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKTNPTLCYFKLHS\*IKCYWYQ\*\*\*LLDNGERRNKKLLFQYHHKHKR\*GAERICTFL\*T\*CSTNR\*R\*YKL\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLYPGWFCDSKV\*R\*EV\*WNRTMYQCQHSTMYTWN\*ASSVNSTAVKWQSSRKRGSN\*I\*QFLEQC\*NHNSTAE\*ICSN\*LYKTQQQYKKKYTYRTRESILYNGRYNRRYKTSIL\*H\*\*SKMENHFRTGS\*KIKRTI\*E\*NNSI\*SILRRGPRNCNA\*F\*LWRGIFLL\*FITIV\*QYLEWYLGDRVE\*Y\*KGR\*DKYHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRATINKRWW\*L\*\*NREYNRE\*DRDRSLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNVRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGYQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHYCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIR\*VGKFVELV\*HIKMAVVYKNIHNDSRRLDRFKNSFSCTFYSK\*R\*AGIFTIIISDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.1986.AY835775.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLRISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVHVMQAFKHISNSSISSSNNNSNSCVVHSSHRI\*ENIKTKKNRQDN\*\*NNRKNRRQWQ\*E\*RGSGRIISTGGDGASCSLGC\*\*SVVLQTNCGSQSIMGCLCGKKQPPLYFVHQMLKHMIQRYIMFGPHMPVYPQTPTHKKYYCKM\*QKILTCGKITW\*NRCMRI\*SVYGIKA\*SHV\*N\*PHSVLL\*IALMIWGILPLVGILLLIPLVVAME\*WKKEK\*KTALSILPQA\*EIRCRNNMLLFITLI\*YQ\*IRRITAIG\*\*IVTPQSLHRPVQRYPLSQFPYIIVPRLVLRF\*SVTIKSSMEQDHVKMSAQYNVHMELGQ\*YQLNCC\*MAA\*QKKR\*\*LDLKISRTMPKL\*\*YS\*TNL\*KLIV\*DPTTIQ\*KVYI\*DQGEHFIQQDK\*\*EI\*DKHIVTLVEQNGITL\*YR\*LKN\*ANNLGIEQ\*SLINPQEGTQKL\*RTLLIVEGNFSTVIQHNYLIVLGMVLRGHITLQKISISHSHAE\*NKL\*TCGRK\*EKQCMLLPSVDKLDVHQILQGCY\*QEMVVRNRTRPRTRPRSLDLEEEI\*GTIGEVNYIDIK\*\*KLNH\*E\*HPSRQREEWCREKKEQRE\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDYYCLV\*CNSRTIC\*GLLRRNSICCNSQSGASSSSRQES\*LWKDT\*GINSSWGFGVALENSFAPLLCLGMLVGVIDLWMRFGIT\*PGCSGKEKLTITQA\*YTPYLKNRKTNKKKMNKNYWNWINGQVCGIGLT\*QNGCGI\*KYS\*\*\*\*EAW\*V\*E\*FLLYFL\*\*IELGRDTHHYRFRPASQPRGDPTGPKEPKKKVERETETDPDA\*

>B.1993.AY835776.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRSSQGGQINQVSLPKQYVLHVMLPLHIVAIVALVVAIILAIVVWTIVFIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVEIGHHAPWDVDDL\*CCRKIVGHSILWGTCVERSLYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKTNPTLCYFKLHS\*IKCYWYQ\*\*\*LLGRNKRRSKKLLFQCHYKHKR\*GAERICILL\*T\*CSTNRSQ\*YKL\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLYPGWFCDSKV\*R\*EV\*WNRTMYQCQHSTMYTWN\*ASSVNSTAVKWQSSRKRGSN\*I\*QLLGQC\*NNNSTAK\*ICSN\*LYKTQQQYKKKYTYRTRESILCNRRYNRRYKTSIL\*H\*\*GKMEKHFRTGSYKIKRTKTI\*E\*NNSL\*ATLRRGPRNCNA\*F\*LWRGIFLL\*FIKTV\*QYLEWYYLGDRLE\*YWRGKWDKYHTPM\*NKTNYKHVAGSRKSNVCPSHQRSN\*MFIKDYRATINKRWW\*\*HRD\*RNLQT\*RRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSINDADGTGQTIIGWYSATTEQFAESY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHYCALEY\*LE\*\*ISG\*NLE\*HDLDGVGKRN\*QLHRLNILSN\*KIAKPTRKE\*TRIIGIR\*VGKFVELV\*HDKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPLPNPEGTRQARRNRRRRWRERQRQIRAI

>B.1983.AY835777.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKECCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQYVVHVMQSLQTLAIVALVVASIIAIVVWAIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLC\*FEVH\*FEE\*Y\*YQ\*\*\*RENDDGGRRNKKLLFQYHHKHKK\*GTERICTFL\*T\*CSTNR\*\*\*YKLYVDKL\*HLSHYTGLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*EVRWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*KFHGQC\*NHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKESTL\*H\*\*KEME\*HFKTGSYKIKRTIWE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNKAV\*\*YLE\*Y\*RVE\*Y\*QVK\*NYHTPMQNKTSYKQMAGSRKSNVCPSHQRTN\*MYIKYYRAAINKRWW\*\*Q\*RDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHFCALE\*\*LE\*\*ISE\*HLG\*HDLDGVGERD\*QLYKLNIHLN\*RIAEPTRKE\*TRLIAIGYVGKFVELVYHNKSAVVYKNIHNDSRRVSRFKNSFCCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRRIQSI

>B.1986.AY835778.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKECCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQYVGHVMQSLQILRIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIIERAEASGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKMH\*FEEYY\*YQ\*\*\*LGKDGGRRNKKLLFQYHHKHKR\*GTERICTFL\*T\*CNANR\*\*\*YKLYFDKL\*HLSHYTGLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*EVRWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*KFHGQC\*NHNSTAE\*ICRN\*LYKTQQQYKKKYPYRTGEKILCNENNRRYKESTL\*H\*\*KEME\*HFKTGSYKIKRTIWE\*NNNL\*SILRRGPRNCNAHF\*LWRGIFLL\*FKRAV\*\*YLE\*Y\*RVE\*Y\*QVK\*NYHTPMQNKTNYKQMAGSRKSNVCPSHQRTN\*MYIKYYRAATNKRWW\*EQ\*RKRDLQTWRRRYEGQLEK\*II\*I\*SSKNWTIGSSTHQGKEKSGAERKKSSGSNRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHFCALEY\*LE\*\*ISE\*HLE\*HDLDGVGKRD\*QLYKLNIQLN\*RIAEPTRKE\*TRLIAIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFFSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRHIQAV

>B.1984.AY835779.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKECCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQTHQASLSKQYVVHVMQSLQILAIVALVVTIIAIVVWSIVFIEYRKILRQRKIDRLIDRIIERTEDSGNESEGDQEELSALVEMGHHAPWDINDL\*CCRQIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*YGRTDA\*GYNQSMGSKPKAMCKINPTLCHFKLH\*FEE\*Y\*YQ\*\*\*RGNEGERRNEKLLFQYQHKHKR\*GAERTCTFL\*I\*YSTNR\*\*YY\*I\*VDKL\*YLSHYTGLSKGIF\*ANSHTLLCPGWFCDSQV\*R\*KVQWKRTM\*KC\*HSTMYTWN\*ASGINSTTVKWQSSRRRSSN\*I\*KFHE\*C\*NHNSTAESICRN\*LYKTQQQESKKDTYRTRESILYNRTNSRKYKTSTL\*P\*\*NKME\*HFKTDS\*\*IKRTIWE\*\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLECYWRDKWH\*RK\*PKYHTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MFIKYYRTAINKRWW\*\*QERYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSGSNADGTGQTIIVWYSATAEQFAEGY\*GATASVATNSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGYDLA\*HDLDGVGKRN\*\*LHRLNILLN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFCSV\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTI

>B.1986.AY835780.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKECCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQYVVHVMQPLQISAIVALVVVAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEASGNESEGEVSALVEMGVDMGHDAPWDIDDL\*C\*RTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*YGRTDA\*GYNQSMGSKPKAMCKINPTLCYFKLH\*LCGERY\*YH\*YEKLLFQYHHRHKR\*GAERTCTFL\*I\*YSTNRYY\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*RHKVQWNRAM\*KCHHSTMYTWN\*ASSINSTTVKWQSSKRRDSN\*I\*KFHE\*C\*NHNSTAE\*NCSN\*LYKTQQQYNKRYTYRARESILYNRTSSRKYETSTL\*P\*\*NKME\*HFKTYS\*\*IKRTIWE\*\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLECY\*RVK\*HWRPKYHTPMQNKTSYKYVAGSRKSNVCPSHQWTN\*MFIKYYRTAINKRWW\*\*PEQYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSLVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISKSDLG\*HDLDGVGKRN\*\*LHRLNILLN\*TIAEPARKK\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTI

>B.1983.AY835781.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISNGRKKRRQRRRAPQDSQTHQASLSKQYVVHVMQSLQILALVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRQF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLH\*\*IEE\*Y\*YQ\*\*\*LGKDGERRNKKLLFQYHHKHKRQGAERICTFL\*T\*CSTN\*\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWKRTMYKCQHSTMYTWN\*ASGINSTAIKWQSSRRRGSN\*I\*QSHGQC\*NHNSTAEGTCRN\*LYKT\*QQYKKKYTYRTRESILYNRTNNRRYKTSTL\*H\*\*SKME\*HFTTDSYKIKKTI\*E\*NNSL\*SILRRGPRSCNAQF\*LWRRIFLL\*FITTV\*\*YLE\*\*YLE\*Y\*RVK\*H\*RNYHTPMQNKTIYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAALNKRWW\*\*RERYHRDLQTWRRRYEGQLEK\*II\*I\*SNKN\*TIRSSTHQGKEKSGAERKKSSGNARSCVPWVLGSSRKHHGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIITDPPPNPEGTRQARRNRRRRWRERQRQIRNI

>B.2004.AY839827.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFITKGLGIYYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIYVMQPLVILAIVALVVAAILAIVVWSIVFIEYKKILRQRKIDRLIDRITERAEDSGNESEGDAEELSALVERGHLAPWVVDDM\*CCSRRLVGYSLLWGTCVERSNHHTILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKPKAMCKINSTLCYFTL\*\*CECY\*\*YYCQ\*K\*\*\*\*CTINGGRRSEKLFFQCYHKYKR\*GEERICSFL\*T\*CRKNR\*YKYIDRL\*LLSH\*HTGLSKGVL\*TNSHTLLYPGWFCDSTV\*\*\*EVQWIRTMFKCQHSTMYTWN\*ASSNNSTAVKWQSSRRRNSN\*I\*KFLEQC\*NHNSTAECICRN\*LYKTQQQYKKKYTYGTRGYDLCNRSHNRRYKTSTL\*H\*\*SKMEQYFRTAS\*KI\*RTIWE\*YNNNL\*STTPRRGSRG\*NAQFQLWRGIFLL\*YNTTV\*\*YLVQ\*\*Y\*RVK\*Y\*RK\*HNYPPMQNKTNYKQMAGSRKSNVCSSHQWTN\*MFIKYYRAAVNKRWGNQQYN\*\*DLQT\*GRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHRVKKKSGAERKKNSGNIRSYVPWVLGSSRKHYGRSVDDVDGTGQTIIVWYSATAK\*LAESY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPRDLGMLWKAHLHHYCALEY\*LE\*\*ISGCYLEEHDLDAVGQRN\*QLHRFDILLT\*RIADPARKE\*TGIIEIG\*LGRFVELV\*HNTMDEVCKNIHDGNRRLDRFKNNFLCAFYSE\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRRRQRWIRSI

>B.-.AY857022.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFIKKGLGISHGRKKRRQRRRAPQDNQSHQDSLSKQ\*VVHVMQSIQILAVVALVVVGIIAIVVWTIVGIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDEEELSALVEMGHHAPWDVDDL\*CWRAIVGHSLLWGTCVERSDHHSFLCIRC\*SI\*YRGS\*CLGHTCLCTHRPQPTRSKIAKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINSTLCYFXLH\*LY\*\*\*\*D\*\*Q\*\*QLGKGRNKKLFFQCYHKYKR\*DKERKCTFL\*T\*CSTHR\*\*\*\*L\*VDKLQHLSPYTGLSKGIL\*ANSHTFLCPGWFCDSKM\*R\*EVQWNRTMYKCQHSTMHTWN\*ASSVNSTAVKWQPSRGRGSN\*ICQFHRQC\*DHNSTAE\*IYNN\*LYKAQQQYKKKYTSYTRGSILCNRKNNRRYKTSTL\*H\*\*NRME\*HFKTDSYKVKRTI\*K\*NNKL\*SILRRGPRNCIAQF\*LWRGILLL\*XNTAV\*\*YLGGV\*\*YFQ\*Y\*RVK\*QYHNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAVNKRWW\*\*HEHGDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGTGSYVHWVLGSSRKHYGRSVTDVDGTGQTIIVWYSATAE\*SAESY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*YLG\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPTRKE\*KRLIGIKSVGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGVLTIIVADPPPNPAGTRQARRNRRRRWRQRQRQIQDI

>B.-.AY857052.-

MEPVDPSLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQXSQTHQXYLPKQ\*VVYVMQSLXILSIVALVVVXIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVXMGHHALWDVNDL\*XCXTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*XRGP\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSEPKAMCKINPTLCRLEY\*\*YQY\*\*YQ\*CY\*YQ\*CY\*YQIVVMWXXRNEKLLFQYXHTHER\*GAKRICNFLYT\*YSTNR\*\*\*X\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDYKM\*\*\*KVQWNRTMXKCQHSTMYTWN\*ASSINSTVVKWQSSRRRCNN\*ISEFLEQC\*SHNSTAE\*ICCNQLYKTQQ\*YKKKYIYRTRESLLCNRTDNRRYKTSTL\*P\*\*SRLE\*NXKQDSXKIKRTISE\*NNSL\*SIHRRGPGNCNTQF\*LWRGIFLL\*YXTAV\*\*YLEX\*RVXXXXVK\*H\*RK\*HNHTPMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRADTNKRWWXYQ\*\*HHRRDXQTCRRRYEGXLEK\*II\*I\*SSKN\*TIRSSTH\*GKKKSGAKRXKRLGTRSFVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAKQFAEXY\*GATASVATHXLGHQAXXXXXXXXXKIXKGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*XPGXXLE\*HDLDGXGKGN\*QLHXHNIQLN\*TIAEPARKE\*TRIIGIG\*MGKFVELV\*HXKLAVVYKNXXNDSRRLGRFKNSFYCTFCSE\*S\*AGLLTIVVPDPPPSTEGTRQARRNRRRRWRERQRQIREI

>B.-.AY857127.-

MEPVDPSLEPWKHPGSXPRTACNNCYCKQCCFHCQVYFIKKGLGISYGRKKRRQRRRTPQGSETHQVPLSKQ\*VVYVMTPLTIAAIVALVVAAIIAIVAWTIVLIEYRRILRQRKIDRIIDRIIERAEDSGNESEGDQEELSALVELGHHAPWDIDDQ\*CCXKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKI\*YVEK\*HGRTNAGGYNQSMGSKPKAMCKINPTLCHFXLH\*LGEYYLYQ\*\*\*\*RKDR\*RRNKKLLFQYYHKHKR\*DDENLCTFL\*T\*CSSNRW\*\*Y\*L\*VDKL\*HLSHYTGLSKDIL\*SNSHTLLCPGWFCDSKV\*RSEVWWKRTM\*QCQHSTMYTWN\*TSSINSIAFKXQSSRRRGSN\*I\*QFHKQC\*NHNSTAEESCNNSLYKTQQQYKKKYTHRTRESILYNRRHNRRYKTSTL\*H\*\*KRLE\*HFKRDS\*KIRRTI\*EQNNSL\*SVLRRGPRNCNA\*F\*LWRGIFLL\*FXKTI\*\*YLE\*NYLE\*Y\*YWE\*HNKYHTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MLLKYYRAAINKRWW\*NNTNNTEIFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGTLGAMFLGFLGAAGSTMGAASMTLTVQARLLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNKTLDQIWNNMTWMEWEREIDNYTSLIYNLIEESQNQQEKNEQELLKLDEWASLWNWFTISKWLWYIKIFIMIVGGLVGLRIVFAILSIISRVRQGYSPLSFQTRLPTPRGPDRPEGIEEEGGERDRDRSGQL

>B.-.AY857144.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMNKGLGISYGRKKRRQRRRAHQNSQTNQEPLPKQ\*VIYVMISIQILAVVSLVVVAIIAIVVWTIVLIEYRXILRQRKIDRLLDRIVERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHSILCLRC\*SI\*TRGT\*CLGHTCLCTHKP\*PTRSSNGKCDRKV\*YVEK\*HGRTDA\*GYNQFMG\*ESKAMCEINPTLCYFKLQLH\*VE\*\*\*KYQ\*X\*\*NDGGRNDEKLLFQYHHNNRXEGAEGICTFLYT\*FSTNR\*\*YYKLYIDKL\*HLNHYTDLSKDIL\*TNSYTLLYPGWFCDSKV\*\*\*KVQWNRTM\*KRQHSTMYTWN\*TSSVNSTVVKWQSSRGRGNN\*I\*KFHKQC\*NHNSTAE\*NYKN\*LYKTQQQYKKKYTYRTRESILCNRRHNRRYKTSTL\*H\*\*SRLD\*RFNTYSYKIKRTI\*E\*NNNL\*\*ILRRGPRNCNA\*F\*LWRGIFLL\*YXKSIYGCLEWCLDK\*YLE\*Y\*R\*YR\*YHTPMQNKTNYKQMAGSRKSNVCPSHQRTN\*MLIKYYRVTINKRWWEKNY\*QYQ\*N\*NLQTWRRKYERQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGNDDRSYVPWFLGSSRKHYGRSVADADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPK\*PAAPRDLGLLWKTHLHHCCALEC\*LE\*\*IPG\*DLEEYDLDTVGERN\*QLHRLNIHLN\*RIAEPAREK\*TRLIGIGSVGKFVELV\*HNKVAVVYKNIHNDSRRFNRFKNSFCCIFYSE\*S\*AGILTIVIADPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.-.AY857165.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCWHCQVCFLKKGLGISYGRKKRRQRRRASQDSQTHQDPLSKQ\*VVYVMQPLHILAIVALVVAAILAIVVWTIVFLEYRXILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHHAPWDINDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRCESI\*HRGT\*CLGHTCLCTHRPQPTRSNIGKRDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKVH\*CECY\*\*YSYMGKDGERRNKKLLFQCHHTHKKEGESRICTFL\*P\*FNANR\*YKLYFDKV\*HLSHHTGLSKGNL\*TNSYTLLYPGWFCXSTM\*\*\*XVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAE\*ICSN\*LYKAQQQYKKRHTYGTGESILCNRHNRRYKTSTL\*H\*SHKLDEHFKKDS\*KIRRTIWE\*NNNL\*SILRRGPRNCNAQF\*LWRXIFLL\*YNRAV\*\*YLE\*Y\*RYLE\*Y\*KVN\*HYKYHTPMQNKTNHKQVAGSRKSNVCPSHQRTN\*VFIKYYRVVINKRWW\*YQREEQHRDRDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSLVPWVLGSSRKHYGRSFNNADGTGQTIIVWYSATAEQFAESY\*GXTASVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISEYNLG\*HDLDGMGKRN\*QLHKRNIQVN\*GIAEPAGKX\*TRLIKIGFVGKFVXLV\*HIKMAVVYQNIHNDSRRFSRFKNSFYCTFYSE\*S\*AGILTNIVSDPLPSSEGTRQARRNRXRRWRERQRQIRSI

>B.2000.AY945710.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGIFYGRKKRRQRRRAHQDSQTHQASLSKQ\*VINVMQTLTILAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIDKCDRKL\*HVEK\*HGRTDA\*RYNRLMGSKPKAMCKINPTLCYFTLH\*FECYQ\*\*YDQ\*\*YDRGRRNEELLFQCHHKHRS\*GNRICTFL\*N\*YSTNS\*\*\*YQL\*ADKV\*HLSHYTSLSKDIL\*ANSYTLLCPGWFCDSKV\*QCKVQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRRRGND\*I\*QFLGQY\*SHNSTAE\*ICTN\*LYKT\*QQYNKRYTYRTRASMVYNRTNNRRYKKSTL\*P\*\*HKLE\*HFKTDS\*KIKRTI\*K\*NNSL\*AILRRGPRDYNAQF\*LWRGIFLL\*YIKTV\*\*YLEY\*WYLE\*YYRR\*HYHAPLQNKANCKHVAGSRKSNVCPSHRRKHQLFIKYYRVNINMGWW\*\*EREQDHQ\*YRDL\*TWRRRYEGQLEK\*TI\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIVVWYSATAKKFAECY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*\*IL\*ADLE\*YDLDAVGNRN\*QLHKRNIHLN\*TIAEPTRKE\*TRIIGIG\*LGKFVELV\*HNKVAVVYKDIHNNSRRLGRFKNSFCCTCCSK\*S\*AGVLTIVITDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.1999.AY945711.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGIFYGRKKRRQRRRTPQDSKTHQASLSKQ\*VVNVMQALTISAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIERLIDRIRERAEDSGNESDGDQEELSAFMEMGHLAPWNVDDL\*CCRKIVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGYTCLCTHRPQPTRSSIEKCDRKL\*HVEK\*HGRTDE\*RYNQSMGSKPKAMCKINPTLCCFKLH\*FRECY\*\*Q\*YDGRNEKLLFQYHHKHKN\*GERLCTFL\*N\*CRTNR\*Y\*L\*VETL\*HLSHYTSLSKGIL\*ANSHTLLYPGWFCDSKV\*Q\*NVQWNRTMYKCQYSTVYTWNQASSINSTAVKWQFSRRRDSN\*I\*QFLGQY\*NHNSAAEGICRN\*LYKTQQQYKKKYKSRTRASMVYNRRNNRRYKKSTL\*H\*YHKME\*HFKRDN\*KIKRTIWEQNNSL\*SILRRGPRDCNAQF\*LWRGIFLL\*YIKTVYLE\*YLE\*YLE\*\*YLE\*YYRR\*QYHAPLQNKTSCKHVAGSGKSNVCPSY\*RTN\*MFIKYYRVAINKRWW\*\*WRQ\*HRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTGQTAVVWYSATAEKFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*NYEGDLG\*HDLDGVGKRN\*QLHKRNIHLN\*RITEPTRKE\*TRIIGIG\*VGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNNFCCTFYSK\*S\*AGILTIVITDPLPSPEGTRRARRNRRRRWRERQRQIRAI

>B.1986.AY970946.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VVHVMQSLQILAIVALVVAAIIAIVVWTIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYREIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTNA\*GHDQFMGSKPKAMCKINPTLCYFRLH\*FKECY\*YHCY\*YH\*\*WMGRRNDKLLFQYHHKHKK\*GSARICTFL\*T\*CSTNR\*EYC\*I\*VDKL\*HLSHYTGLSKGII\*ANSHTLLYPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSGRRRGSN\*I\*KFHEQC\*NHNSTAE\*IYRN\*LYKTQQQYQKKYTYRTGESILCNRRNNRRYKTSTL\*H\*\*RKME\*HFKTDSYKIKRTIWE\*NNSI\*VILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*HLERYWKVK\*P\*RKWQHHTPM\*NKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*QRE\*YHRGLQTWRRRYEGII\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGNDRSYVPWILGSSRKHYGRSVSGADGTGQTIIVRYSATAE\*FAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*DLG\*HDLDGVGKRN\*KLPKLNIHLN\*RIAEPARKE\*TRIIGIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.1986.AY970947.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VVHVMQSLQILAIVALVVTAIIAIVVWTIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYREIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDGKF\*HVEK\*HGRTNA\*GHDQFMGSKPKAMCKINPTLCYFKLH\*FKECY\*YHCY\*YH\*\*WMGRRNDKLLFQYHHKHKR\*GSARICTFL\*T\*CSTNR\*EYY\*I\*VDKL\*HLSHYTGLSKGII\*ANSHTLLYPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSGRRRGSN\*I\*KFHEQC\*NHNSTAE\*IYRN\*LYKTQQQYQKKYTYRTGESILCNRRNNRRYKTSTL\*H\*\*RKME\*HFKTDSYKIKRTIWE\*NNSI\*FILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*HLERYWRVK\*P\*RK\*QHHTPM\*NKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*QRE\*YHRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGNDRSYVPWILGSSRKHYGRSVCGADGTGQTIIVRYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*KLHKLNIHLN\*RTAEPARKE\*TRIIGIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.1996.AY970948.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQTALSKQ\*VVHVMQPLYIWTIVALVVAAIIAIVVWAIVIIEYRKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALMEMGHHAPALREMGHHAPWDVNDL\*CYREIVGHSLLWGTCVERSNHHSILCIRC\*SI\*NRGA\*CLGHTCLCTHRPQPTRSILGKCDRKF\*HVEK\*HGRTNA\*GHDQFMGSKSKAMCKINPTLCYFKLH\*CKYY\*YQCQWY\*YHC\*\*RGKRYDKLLFQYHHKHKR\*GSARICTFL\*T\*CSTSRW\*\*YHI\*VDKL\*HLSHYTSLSKGIIRANSHTLLCPGWFCDSKM\*\*\*YVQWIRTMYKCQHSTMYTWN\*ASSVNSITVKWQFGKRRGST\*I\*KFHGQC\*KHNSTAEESCKHYLYKT\*QQYQKKYTYRTRESILCNRRYNRKYKTSTL\*H\*\*STME\*HLKTHSCKITRTIWE\*NNTI\*GICRRGPRNCNAQFQLWRGIFLL\*FNTTV\*\*HLERDWSDKWHCRK\*HHHTPM\*NKTNYKQMAGSRESNVCPSHQRTN\*MFIKYYRAAINKRWW\*RN\*YHQTQCRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGNAGSCVPWVLGSSRKHHGRSVNGADGTGQTIIVWYSATAE\*SAEGY\*GATTSVATHSLGHQAAPGTSPGCGKIPKRSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHKHNIQLN\*KIAEPARKE\*TRIIGIR\*VGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRQRQRQIRTI

>B.1996.AY970949.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VVHVMLPIQIAAIVALVVGAIIAIVVWTIVIIEYRKIVRQRKIDRIIDRIIERAEDSGNESEGDQEELSALVEMGHHAPALMEMGHHAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIRC\*SI\*NRGA\*CLGHTCLCTHRPQPTRSILGKKCDRKF\*HVEK\*HGRTNA\*GHDQFMGSKPKAMCKINPTLCYFKLH\*CKYY\*YQCS\*YHY\*\*CQCHC\*SRGRRHEKLLFQYHHKHKR\*GSARICTFL\*T\*CSTSRW\*\*YHI\*VDKL\*HLSHYTSLSKGII\*ANSHTLLCPGWFCDSKV\*\*SEVQWIRTMYKCQHSTMYTWN\*ASSINSSAAKWQSGRRRCSN\*IKKFHGQY\*NHNSTAE\*IYSN\*LYKTQQQYQKKYKYRTRESNLCNRRYNRKYKTSTL\*H\*\*GKME\*HFRTDS\*KITRTIWE\*\*NNRI\*GICRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*HLERDWSDKWHCRK\*HYHTPM\*NKTNYKQVAGSRESNVCPSHQRTN\*MYIKYYRAAINKRWW\*WD\*\*HQPRGRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGNAGSCVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAE\*SAEGY\*DATTFVATHSLGHQAAPGTSPGCGKIPKRSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IPG\*DLE\*HDLDGVGKRN\*QLHKHNIQLN\*KIAEPARKE\*TRIIGIR\*VGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQTRRNRRRRWRQRQRQIRTI

>B.1996.AY970950.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRSQRRRPPQDSQTHQTALSKQ\*VVYVMXLLYIWAIVALVVAAIIAIVVWAIVIIEYRKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALMEMGHHAPALREMGHHAPWDVNDL\*CYREIVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSILGKCDRKF\*HVEK\*HGRTNA\*GHDQFMGSKPKAMCKINPTLCYFKLH\*CKYY\*YQC\*KWQ\*\*CHC\*SRGRRHEKLLFQYHHRHKR\*GSARIRTFL\*T\*CSTNR\*\*YYHI\*VDKL\*HLSHYPGLSKGII\*ANSHTLLCPGWFCDSKV\*\*\*YVQWIRTMYKCQHSTMYTWN\*ASSVNSITVKWQFGKRRGST\*I\*KFHGQY\*NHNSTAEESCKHYLYKT\*QQYQKKYTYRTRESILCNRRYNRKYKTSTL\*H\*\*GRME\*HFRRDSYKITRAIWE\*\*NNKI\*GICRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*HLEQD\*SAR\*H\*RRGQHHTPM\*NKTNYKQVAGSR\*SNVRPSHQRTNKMYIKYYRATINKRWWLQKQE\*YHRGGDL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGNARSCVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAE\*SAEGY\*GATTSVATHSLGHQAAPGTSPGCGKIPKRSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRNWQLHKHNIQLN\*KIAEPARKE\*TRIIGIR\*VGQFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRQRQKQIRTI

>B.1983.D10112.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRTPQSSKTHQASLSKQ\*VVHVMLPLQI\*AIVALVVVAIIAIVVWTIVFIEYRKIRRQKQVDRLIDRIIERAEDSGNESEGDQEELSALMEMGHNAPWDVNDL\*CCRQIVGHSLLWGTCMERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFNLH\*CK\*Y\*DQ\*\*\*LGQEGRRKDERRNKKLLFQCHHKHKK\*GAERICTFL\*T\*CSTNR\*G\*YKLYIDTL\*HLSHYTGLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*EVQWKRTMYKCQHSTMYTWN\*ASGVHSTIVKWQSSRKRGSN\*I\*KFHKQC\*NHNSTAKGTCRN\*LYKTQQQYKKKYSYRTGENSLCNRQNNRRYKTSTL\*P\*\*YKMEQHFKTDSYKIKRTIWE\*DNNL\*SILRRGPRNCDAQF\*LWRGIFLL\*YNTAV\*YYLAV\*WYLE\*Y\*RVK\*H\*KKYYTSMQNKTNYKQVAGSRKSNVCPSHHRNN\*LFIKYYRAAINKRWW\*RRK\*DRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSDRSSVPWVLGSSRKHYGRSGTDADGTDQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*DLE\*YDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*KRLIGIGYVGKFVELV\*HNKLAVVYKNIHNDNRRFNRFKNSFYYTFFSE\*S\*AGILTIVISDPLPSSKGTRQARRNRRRRWRERQRHIRAI

>B.1983.D86068.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRPPQGSQTHQVSLSKQ\*VVHVMQPIQIAIVALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGKISALVEMGVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FKE\*Y\*YQ\*\*\*RENDNGKRRDKKLLFQYQHKQKR\*GAERICIFL\*T\*YNTNR\*\*YYQLYVDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHRQC\*NHNSTAEPICRN\*LYKTQQQYKKKNPYPEGTRESICYNRKNRKYETSTL\*H\*\*SKMECHFKTDS\*QIKRTIWK\*\*NNNL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHTPMQNKTIYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*QQ\*VRDLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGLHVNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLE\*HDLDGVGQRN\*QLHKLNTLLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFCSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.1983.D86069.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRAHQNSQTHQVSLSKQ\*VVHVTQPIPIVTIVALVAAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALVEMGVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLDHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RENDNGERRDKKLLFQYQHKQKR\*GAERICIFL\*T\*YNTNR\*\*YYQLYVDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHGQC\*NHNSTAEHICRN\*LYKTQQQYKKKNPYPEGTRESICYNRKNRKYETSTL\*H\*\*SKMECHFKTDS\*QIKRTIWK\*\*NNNL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHTPMQNKTIYKHVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWW\*\*QQ\*VRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGLHVNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLE\*HDLDGVGQRN\*QLHKLNTLLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFCSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.2002.DQ007901.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQGSQTHQASISKQ\*VVNVMQALIILAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERSNYHSILCIRC\*SI\*NRGT\*YLGHTCLCTHRPQPTRSSLGKCDRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCSFKLH\*FE\*YY\*YQ\*\*YQ\*YNRGRRNKKLLFQNHHKHKN\*GNRLCTFL\*T\*CSTNR\*\*\*YQL\*VNKV\*HLSHYTSLSKGIL\*ANSHTLLYPGWFCDSKV\*Q\*KVQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*QFYKQC\*SHNSTAE\*ICTN\*LYKAQQQYKKEYTYRTRESMVYNRTNNRRYKTSTL\*P\*YSKME\*HFKTDN\*KIKRTIWEQNNNL\*STFRRGPRG\*NAQF\*LWRGIFLL\*YITTV\*\*HLE\*Y\*CFE\*CYRNHAPLQNKTNCKHVAGSRESNVCPSH\*RTN\*MFIKYYRVTINKRWWY\*\*DQHHRDLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAEGY\*GATAYVATHSLGHQAAPGKSLGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*DLE\*HDLDGVGKGNWQLHKRNIHLN\*TIAEPTRKK\*TRTIGIG\*VGKFVELV\*HNKMAVVYQNIHNDSRRLGRFKNSFCCTFYSK\*S\*AGILTIVITDPLPNPEGTRQARRNRRRRWRARQRQIREI

>B.2002.DQ007902.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQACFIEKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVNVMQALTILAIVALVVATIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERSNYHSILCIRC\*SI\*YRGT\*YLGHTCLCAHRPQPTRSSLGKCDRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCYFKLH\*FEYYQ\*\*YQ\*YDRGRRNEKLLFQYHHKHKN\*GERLCTFL\*T\*YSTNR\*\*\*\*QYQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLYPGWFCDSKV\*Q\*NVQWNRTMYKCQYSTMYTWN\*ASSINSTAVKW\*FSRRRGSN\*I\*QFHGQC\*SHNSTAE\*ICRN\*LYKTQQQYKKKYKSRTRASMVYNRTNNRRYKTSTL\*P\*\*NTME\*HFKNDN\*KIKRTIWEQQNNNL\*SIFRRGSRDCNAQL\*LWRGIFLLQYITTV\*\*YLDLE\*Y\*YLE\*YYRK\*HYHTPLQNKTNCKHVAGSRESNVCPSHCRTN\*MFIKYYRVAINKRWWY\*\*EQYHRDLQTWRRKYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLRSSRKHYGRSVNNADGTGQTIVVWYSATAKKFAESY\*GATASVATHSLGHQAAPGKSLGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGMGERNRQLHKRNIHLN\*TIAEPTRKE\*TRTIGIGSVGKLVELV\*HNKMAVVYQNIHNDSRRLGGFKNSFCCTFYSK\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRARQRQIREI

>B.2002.DQ007903.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQICFMKKGLGISYGRKKRRQRRRAPQDSQTHQTSLSKQ\*VVNVMQALTILSIVALVVVTIIAIVVWTIVFIEYRKLLRQKKIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGHLAPWNVDDL\*CCRKIVGHSLLWGTCMERSNYHSILCIRC\*SI\*YRGT\*YLGHTCLCTHRPQPTRSSLGKCDRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCYFKLH\*FEY\*\*YQ\*\*YQYYDRGRRNKKLLFQCHHKHKS\*GKRICTFL\*T\*YSTNKK\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLYPGWFCDSKV\*Q\*NVQWNRTVYKCQYSTMYTWN\*ASSINSTAVKWQFSRRRDSN\*I\*QFHEQC\*SHNSTAE\*ICRN\*LYKTQQQYKKKYTSRTRESMVYNRTNNRRYKTSTL\*P\*\*YKMG\*HFKTDN\*KIKRTIWEQNNNL\*SIFRRGPRDCNAQF\*LWRGIFLL\*YITTV\*\*YLE\*Y\*YWE\*DYRK\*HYHAPLHNKTNCKYVAGSRESNVCPSH\*RTN\*MFIKYYRVAINKRWW\*\*\*EHDHRDLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEKFAEGY\*GATASVATHSLGHQAAPGKSLGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEC\*LE\*\*ISE\*NLE\*HDLDGVGKRN\*QLHKRNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKLVELV\*HNKMAVVYQNIHNDSRRLGRFKNSFCCTFYSK\*S\*AGILTLVIADPLPNPEGTRQARRNRRRRWRARQRQIREI

>B.-.DQ127534.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLKKGLGISYGRKKRRQRRRPPPGSQNNQVSLSKQ\*VVYVMQSLETIAIVALVVAIIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAGLVERGHLAPGNIDDL\*CYNKLVGHSLLWGTCVERSNHHSVLCIRC\*SIQNRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGRTNA\*GCN\*FMGSKPEAMCKINPTLCYFKLH\*LEE\*\*Y\*GH\*\*\*LDRERRNKKLLFQYHHKYER\*VAERICSLL\*T\*CSTNRG\*\*Q\*L\*IDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*ESHKQC\*NHNSAAETICGN\*LHKTQYQ\*KEKNKYGTRESILYNRTNNRRYKTSIL\*PQ\*KSME\*HFKTDSYKIKRTIWE\*NNSL\*FIIRRGPRNCNSQF\*LWRGIFLL\*YNKPV\*\*YLECNKPG\*WYRE\*Y\*RE\*HNQTPMQNKTIYKHVADSGKSNVCPSHRRTN\*MYIKYYRAAINKRWW\*FDGTVRDLQTGRRRYEGQLEK\*II\*I\*SSRN\*TIRNSTHHGKEKSGAERKKSSGSTRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GAAAYVATHGLGHQTAPGKSPGCRKIPKGSTAPRDLGLLWQTHLHHCCALEH\*LE\*\*NSKRYLGKHDMDGVGERN\*QLHRLNIQLT\*GIAEPARKE\*TRIISIG\*VGKFVELVFNNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSK\*S\*AGILTNIITDPPPNPEGTRQARRNRRRRWRERQRQIQSI

>B.-.DQ127535.asymptomatic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCSHCQVCFLKKGLGISYGRKKRRQRRRPPPGSQNNQVSLSKQ\*VVYVMQSSETIAIVALVVAIIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAGLVERGHLAPGNIDDL\*CYNKLVGHSLLWGTCVERSNHHSVLCIRC\*SIQNRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGRTNA\*GCN\*FMGSKPEAMCKINPTLCYFKLH\*LEE\*\*Y\*GH\*\*\*LDRERRNKKLLFQYHHKYER\*GAERICSLL\*T\*CSTNRG\*\*Q\*L\*IDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*ESHKQC\*NHNSAAEPICGN\*LHKTQYQ\*KEKNKYGTRESILYNRTNNRRYKTSIL\*HQ\*KSME\*HFKTDSYKIKRTIWE\*NNSL\*FIIRRGPRNCNSQF\*LWRGIFLL\*YNKPV\*\*YLECNKPG\*WYRE\*Y\*RE\*HNQTPMQNKTIYKHVADSGKSNVCPSHRRTN\*MYIKYYRAAINKRWW\*FDGPVRDLQTGRRRYEGQLEK\*II\*I\*SSRN\*TIRNSTHHGKEKSGAERKKSSGSTRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GAAAYVATHGLGHQTAPGKSPGCRKIPKGSTAPRDLGLLWQTHLHHCCALEH\*LE\*\*NSKRYLGKHDMDGVGERN\*QLHRLNIQLT\*GIAEPARKE\*TRIISIG\*VGKFVELVFNNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSK\*S\*AGILTNIITDPPPNPEGTRQARRNRRRRWRERQRQIQSI

>B.-.DQ127536.asymptomatic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFLKKGLGISYGRKKRRQRRRPPPGSQNNQVSLSKQ\*VVYVMQSSETIAIVALVVAIIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAGLVERGHLAPGNIDDL\*CYNKLVGHSLLWGTCVERSNHHSVLCIRC\*SIQNRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGRTNA\*GCN\*FMGSKPEAMCKINPTLCYFKLH\*LEE\*\*Y\*GH\*\*\*LDRERRNKKLLFQYHHKYER\*VAERICSLL\*T\*CSTNRG\*\*Q\*L\*IDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*ESHKQC\*NHNSAAEPICGN\*LHKTQYQ\*KEKNKYGTRESILYNRTNNRRYKTSIL\*PQ\*KSME\*HFKTDSYKIKRTIWE\*NNSL\*FIIRRGPRNCNSQF\*LWRGIFLL\*YNKPV\*\*YLECNKPG\*WYRE\*Y\*RE\*HNQTPMQNKTIYKHVADSGKSNVCPSHRRTN\*MYIKYYRAAINKRWW\*FDGPVRDLQTGRRRYEGQLEK\*II\*I\*SSRN\*TIRNSTHHGKEKSGAERKKSSGSTRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GAAAYVATHGLGHQTAPGKSPGCRKIPKGSTAPRDLGLLWQTHLHHCCALEH\*LE\*\*NSKRYLGKHDMDGVGERN\*QLHRLNIQLT\*GIAEPARKE\*TRIISIG\*VGKFVELVFNNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSK\*S\*AGILTNIITDPPPNPEGTRQARRNRRRRWRERQRQIQSI

>B.-.DQ127537.acute\_infection

MEPVDPRLEPWKHPGSQPSTPCTTCYCKICCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQVPLPEQ\*VVHVMQSLQILAIVALVVAVIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*NRGT\*CLGHACLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*FGC\*CY\*DQ\*\*\*RGTHRERGSKKLLFQCHHKHKR\*GAERICILL\*T\*CSTNRSE\*YQL\*VNKL\*HLSHYTGLSKDIL\*ANSHTLLYPGWFCDSKV\*Q\*EVQWNRAMHKCQHSTMYTWN\*ASSINSTAAEWQSSRRRDSNQICQFLGQY\*KHNSTTE\*LCTN\*LYKTQQQYKKKYTYRTRENIFCNRNNRRYKKSTL\*P\*\*SKLGEHFKTSS\*KIRRTI\*E\*NNSL\*SILRRRSRNCNVQF\*LWRGIFLL\*LNTTV\*\*YLE\*D\*LE\*\*N\*WR\*NYHTPMQNKTSYKQVAGSRKSNVCPSYQRKH\*LFIKYYRADTNKRWW\*\*\*\*H\*QHRDL\*TWGRKYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHCCALEC\*LE\*\*IYGGNLGKHDLDAMGKRN\*QLHKFNIQLN\*RITEPAGKE\*TRIIGIG\*MGKFVDLV\*HNKMAVVYKNIHNDSRRFSRFKNSFYCTFYSK\*S\*AGILTIIVSDPIPSPEGTRQARRNRRRRWRQRQRQIHSL

>B.-.DQ127538.-

MEPVDPRLEPWKHPGSQPSTPCTTCYCKICCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQVPLPKQ\*VVHVMQSLQILAIVALVVAVIIVIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRR\*SI\*KRGT\*CLGHACLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FGC\*YY\*DQ\*\*\*RGTHRERGSKKLLFQCHHKHKR\*GAERICILL\*T\*CSTNRSE\*YHL\*DNKL\*HLSHYTGLSKDFLGAIPNTLLYPGWFCDSKV\*Q\*EVQWNRAMHKCQHSTMYTWN\*ASSINSTAAEWQSSRRRDSNQICQFLGQY\*KHNSTTE\*LCTN\*LYKTQQQYKKKYTYRTRENIFCNRNNRRYKKSTL\*P\*\*SRLGEHFKTSS\*KIRRTI\*E\*NNSL\*SILRRRPRNCNVQF\*LWRGIFLL\*LNTTV\*\*YLE\*D\*LE\*\*N\*WK\*NYHTPMQNKTSYKQVAGSRKSNVCPSYQRKH\*LFIKYYRADTNKRWW\*\*\*\*HRQHRDL\*TWGRKYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGNSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHCCALEC\*LE\*\*IYGGNLGKHDLDAMGKRN\*QLHKFNIQLN\*RITEPAGKE\*TRIIGIG\*MGKFVDLV\*HNKMAVVYKNIHNDSRRFSRFKNSFYCTFYSK\*S\*AGILTIIVSDPIPSPEGTRQARRNRRRRWRQRQRQIHSL

>B.-.DQ127539.-

MEPVDPRLEPWKHPGSQPSTPCTTCYCKICCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQVPLPKQ\*VVHVMQSLQILAIVALVVAVIIVIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRR\*SI\*KRGT\*CLGHACLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FGC\*CY\*DQ\*\*\*RGTHRDRGSKKLLFQCHHKHKR\*GAERICILL\*T\*CSTNRSE\*YQL\*DNKL\*HLSHYTGLSKDFLGAIPNTLLYPGWFCDSKV\*Q\*EVQWNRAMHKCQHSTMYTWN\*ASSINSTAAEWQSSRRRDSNQICQFLGQY\*KYNSTTE\*LCTN\*LYKTQQQYKKKYTYRTRENIFCNRNNRRYKKSTL\*P\*\*SRLGEHFKTSS\*KIRRTI\*E\*NNSL\*SILRRRSRNCNVQF\*LWRGIFLL\*LNTTV\*\*YLE\*D\*LE\*\*N\*WK\*NYHTPMQNKTSYKQVAGSRKSNVCPSYQRKH\*LFIKYYRADTNKRWW\*\*\*\*H\*QHRDL\*TWGRKYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGNSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHCCALEC\*LE\*\*IYGGNLGKHDLDAMGKRN\*QLHKFNIQLN\*RITEPAGKE\*TRIIGIG\*MGKFVDLV\*HNKMAVVYKNIHNDSRRFSRFKNSFYCTFYSK\*S\*AGILTIIVSDPIPSPEGTRQARRNRRRRWRQRQRQIHSL

>B.-.DQ127548.-

MEPVDPSLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQGHPNNQVSISK\*\*VVYVMSLYIISIVALVIAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELAALVEMGHDAPWVVDDL\*SWRTNVGHSLLWGTCVERSYYHSILCIRC\*SI\*YRGT\*YLGHTCLCTHRPQPTRSSNEQCDRKFQHVEK\*HGRTDAGGYNQFMGSKPKAMCKINSTLCYFKLH\*FQYHSCYH\*W\*YRTGGNRRNKKLLF\*YHSNKR\*KAERICTLL\*N\*YSTNR\*\*G\*\*\*C\*Q\*Y\*L\*VDKL\*HLSHYTGLSKNIL\*ANSHTLLCPGWFCDSKM\*Q\*DV\*WKRTL\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRCNN\*I\*KFHR\*R\*KHNSTA\*YICRN\*LYKTQQQYKKKYTYSTRESILCNRRYNRRYKKSIL\*H\*\*SKMEYHFTTGSSKIRRTIWE\*E\*DNRL\*SPRRRRPRNSNA\*F\*LWRGIFLL\*FNTIV\*\*YLEV\*\*WHLEV\*\*\*YLE\*Y\*KFK\*H\*KHHAPVQNKTNYKHVAGSRKSNVCPSHQRTN\*MYIKYYRANINKRWWHKQQHEGGLQTWRRRYEGQLEK\*TI\*I\*SSTN\*TIRNSTHQGKKKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIVVWYSATAEQSAAGY\*GATAYVATHSLGHQAAPGKNPGCGKIPTGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NLRKDLE\*HDMDGLG\*RN\*QLHRPNIHLNSRIAEPARKE\*KRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSL

>B.-.DQ127549.-

MEPVDPSLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQGHPNNQVSISK\*\*VVYVMSLYIISIVALVIAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELAALVEMGHDAPWVVDDL\*SWRTNVGHSLLWGTCVERSYYHSILCIRC\*SI\*YRGT\*YLGHTCLCTHRPQPTRSSNEQCDRKFQHVEK\*HGRTDAGGYNQFMGSKPKAMCKINSTLCYFKLH\*FQYHSCYH\*W\*YRTGGNRRNKKLLF\*YHSNKR\*KAERICTLL\*N\*YSTNR\*\*G\*\*\*C\*Q\*Y\*L\*VDKL\*HLSHYTGLSKNIL\*ANSHTLLCPGWFCDSKM\*Q\*DV\*WKRTL\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRCNN\*I\*KFHR\*R\*KHNSTA\*YICRN\*LYKTQQQYKKKYTYSTRESILCNRRYNRRYKKSIL\*H\*\*SKMEYHFTTGSSKIRRTIWE\*E\*DNRL\*SPRRRRPRNSNA\*F\*LWRGIFLL\*FNTIV\*\*YLEV\*\*WHLEV\*\*\*YLE\*Y\*KFK\*H\*KHHAPVQNKTNYKHVAGSRKSNVCPSHQRTN\*MYIKYYRANINKRWWHKQQHEGGLQTWRRRYEGQLEK\*TI\*I\*SSTN\*TIRNSTHQGKKKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIVVWYSATAEQSAAGY\*GATAYVATHSLGHQAAPGKNPGCGKIPTGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NLRKDLE\*HDMDGLG\*RN\*QLHRPNIHLNSRIAEPARKE\*KRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSL

>B.-.DQ127550.-

MEPVDPSLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQDHPNNQVSISKQ\*VVYVMSLYIISIVALVIAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELAAFVEMGHDAPWVVDDL\*SWRTNVGHSLLWGTCVERSYYHSILCIRC\*SI\*YRGT\*YLGHTCLCTHRPQPTRSSNEQCDRKFQHVEK\*HGRTDAGGYNQFMGSKPKAMCKINSTLCYFKLH\*FQYHSCYH\*W\*YRTGGNRRNKKLLF\*YHSNKR\*KAERICTLL\*N\*YSTNR\*\*G\*\*\*C\*Q\*Y\*L\*VDKL\*HLSHYTGLSKNIL\*ANSHTLLCPGWFCDSKM\*Q\*DV\*WKRTL\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRCNN\*I\*KFHR\*R\*KHNSTA\*YICRN\*LYKTQQQYKKKYTYSTRESILCNRRYNRRYKKSIL\*H\*\*SKMEYHFTTGSSKIRRTIWE\*E\*DNRL\*SPHRRRPRNSNA\*F\*LWRGIFLL\*FNTIV\*\*\*LEV\*\*WHLEV\*\*\*YLE\*Y\*KFK\*H\*KHHAPVQNKTNYKHVAGSRKSNVCPSHQRTN\*MYIKYYRANINKRWWHKQQHEGGLQTWRRRYEGQLEK\*TI\*I\*SSTN\*TIRNSTHQGKKKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIVVWYSATAEQSAAGY\*GATAYVATHSLGHQAAPGKNPGCGKIPTGSAAPGDLGLLWKTHLHHCCALEY\*LE\*\*NLRKDLE\*HDMDGLG\*RN\*QLHRPNIHLNSRIAEPARKE\*KRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSL

>B.-.DQ127551.-

MEPVDPSLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQDHPNNQVSISKQ\*VVYVMSLYIISIVALVIAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELAAFVEMGHDAPWVVDDL\*SWRTNVGHSLLWGTCVERSYYHSILCIRC\*SI\*YRGT\*YLGHTCLCTHRPQPTRSSNEQCDRKFQHVEK\*HGRTDAGGYNQFMGSKPKAMCKINSTLCYFKLH\*FQYHSCYH\*W\*YRTGGNRRNKKLLF\*YHSNKR\*KAERICTLL\*N\*YSTNR\*\*G\*\*\*C\*Q\*Y\*L\*VDKL\*HLSHYTGLSKNIL\*ANSHTLLCPGWFCDSKM\*Q\*DV\*WKRTL\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRCNN\*I\*KFHR\*R\*KHNSTA\*YICRN\*LYKTQQQYKKKYTYSTRESILCNRRYNRRYKKSIL\*H\*\*SKMEYHFTTGSSKIRRTIWE\*E\*DNRL\*SPHRRRPRNSNA\*F\*LWRGIFLL\*FNTIV\*\*\*LEV\*\*WHLEV\*\*\*YLE\*Y\*KFK\*H\*KHHAPVQNKTNYKHVAGSRKSNVCPSHQRTN\*MYIKYYRANINKRWWHKQQHEGGLQTWRRRYEGQLEK\*TI\*I\*SSTN\*TIRNSTHQGKKKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIVVWYSATAEQSAAGY\*GATAYVATHSLGHQAAPGKNPGCGKIPTGSAAPGDLGLLWKTHLHHCCALEY\*LE\*\*NLRKDLE\*HDMDGLG\*RN\*QLHRPNIHLNSRIAEPARKE\*KRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSL

>B.2003.DQ207940.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFSRKGLGISYGRKKRRQRRRAPKDSETHQANLSKQ\*VVHVMLALNILAIVGLIVAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIRERAEDSGNESEGDQEELSVLVERGHLAPWNVDDM\*CSTVGHSLLWGTCVERSNYHSILCIRC\*STSHRST\*CLGHTCLCTHRPQATRSSNGKCDRIF\*YVEK\*YGRTNA\*GYNQFMGSKPKAMCKINPTLCYFRMH\*CYQEQYWQ\*\*\*FCQ\*QCCQ\*\*DGYRSKKLLFQCYHKYKG\*DAERICTLLYS\*YSTNRK\*\*\*\*L\*IDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DI\*WKRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDCN\*ICQFL\*QC\*SHNSTSE\*NCKHYLCTTQQ\*YEKEYIYRTRESILCNRKHNRRYKKSTL\*H\*\*SQME\*HFTKGSYKIRSTI\*K\*NNNL\*SIFRRGPRNCNAQF\*LWRGILLL\*YKTIV\*\*YLEF\*\*YLEF\*WYEE\*FRNYHTPM\*NKTNCKHVARSRKSNVCPSNQRTN\*MCIKYYRNNTNKRWW\*\*\*D\*RQ\*DFQTWRRRYEEQLEK\*II\*I\*SSKN\*TIRNSTHPGKEKSGAKRKKSSGNARSYVPWVLRSSRKHYGRSVNDADGTGQTIIVWYSAAAEQSTEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPRDLGLLWKTHLHHFCTLEF\*LE\*\*ISGYDLG\*HDLDAVGKRN\*QLYRLNILLT\*RLADPTRQK\*KRVIGIR\*VGKFVELV\*YIKLAVVYKNIHNDNRRLGRFKNNLCCIFYSE\*S\*AGILTTIVADPLPSSEGTRQARRNRRRRWREKQRQIHQI

>B.2003.DQ207942.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKWRQRRRAPQDSKTHQASLPKQ\*VVHVMQPLQVLAIVALVVVGIIAIVVWTIVFIEYRKILKQRKIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHRAPWDVDDL\*CYRKIMGHSLLWGTCVERCNHHSILCIRC\*SI\*HRDA\*CLGHTCMCTHRP\*PTRGKIGKCDRKF\*YVEK\*HGRSNA\*GYNQFMGSKLKAMCKTNPTLYHSKLH\*FEQ\*YNQ\*\*\*\*LERGGNEKLLFQCHHKHRK\*DAQRICTFV\*ARFSTNRRE\*\*YNLYIDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWICNCKM\*\*\*EVQWNRTM\*KC\*HSTMYTWN\*ANSVNSTAIKWQSSKRRSNN\*I\*KFHRQC\*NHNSAAE\*ICTN\*LYKT\*QQYKKKYTYRTRESILCNRRNNRRYKTSTL\*P\*\*\*SME\*HFKTHSYKIKRTI\*E\*NNSL\*PILRRGPRNYNVQF\*LWRGIFLL\*YNTAVQ\*YLAE\*\*YWE\*H\*E\*CYNHTPVQNKTNYKQMAGSRKSNVCPSHQRTN\*MFLKYYRATISKRWW\*\*\*C\*SGDLQTWGRKYKGQLEK\*TI\*I\*SSKT\*AIRSSTHQGKEKSGAERKKSSGSVWSHVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGH\*AAPGKSPGCRKIPTGSTAPRALGLLWKTHLHHYCALEC\*LE\*\*ISK\*NLG\*HDLDAVGERN\*\*LHRHNIQFN\*NITNPTRKE\*T\*IIGIRQVGKFMELV\*HIKLAVVYKNIHNDSRRFNRFKNSFYCTFYSK\*S\*AGILTIVIPDPPPSPEGTRQARRNRRRRWRARQRQIRTI

>B.1998.DQ207943.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMKKGLGISYGRKKRRQRRRAPQGNQTDQVALPKQQVVHVMQPLVIAAIVALVVVGIIAIVVWSIVGIEYRKILKQRKIDRLIERIRERAEDSGNESEGDQEALMEMGHLVPWDADDL\*CYRKFMGHSLLWGTCVERSNHHSILCIRC\*SI\*\*GGT\*CLGHICLCTHGPQPTRNTIGKCDRKF\*HGEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*FK\*EWY\*YQ\*\*\*QRNDGNEKLLFQHHHRPER\*SEKRICTLL\*T\*CSTNR\*\*\*L\*VDKL\*YLSRYTSLSKDIL\*ANSHTLLCPGWFCDYKV\*R\*KVQWNRAMYKYQYSTMYTWN\*ASSINSTAVKW\*SSRRRGSN\*ICQFHGQY\*NHNSTAERTCKN\*LYKTQQQYKKRYSYGTRESIFCNRRHNRRYKTSTL\*H\*YNRME\*HINTDSYQIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTIV\*\*HLE\*Y\*RVK\*H\*RRYNTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MFIKYYRTAINKRWW\*PEQCHYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSPHQGKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRGVNNADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQTAPGESPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSRGDLG\*HDLDAVGKRN\*\*LHRFNIQFNRRIAEPTRKE\*TRIIGIR\*MGRFVELV\*HIKLAVVYKNIHNDSRRLGRFKNNFCCTFYSE\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHSI

>B.2004.DQ295192.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGIYYGRKKRRQRRRAPQDNKDHQVSLSKQ\*VIHVMIPLVTLSIVALVIVAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVVEMGHHAPWDVDDL\*CYSRRLVGHSILWGTCVERNNHHSILCIRC\*SI\*HRGT\*CLGYTCLCTHRPQPTRGSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFELWGCEFY\*YQ\*\*\*DYQ\*\*\*K\*DSDGDRRNKKLLFQCYHRHKR\*GAKRICSFS\*T\*CSTNG\*FKLYIDKL\*HLSH\*TSLSKGIL\*TNSHTLLYPGWFCASTV\*\*\*EIQWNRTMFKCQHSTMYTWN\*ASSINSTTVKWQSSRRRDSN\*I\*EFHEQC\*NHNSTAECICRN\*LYKTLQQYKKKYKNRTRERILCNRRCNRRYKKSTL\*H\*\*NKME\*HFETASHKIRRTIWE\*HNNL\*\*ILRRGPRDCNAQF\*LWRGIFLL\*YNTTI\*\*HLDMEWYLD\*RVN\*S\*E\*HNCPPMQNKTNYKQMAGSRKSNVCPSHQRTH\*LLIKDYRTAINKRWGD\*KQHERDSD\*DLQTWGRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTDADGTGQTTIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*NLG\*HDLDGVG\*RN\*QLHKLNISLA\*RIAEPAR\*K\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLFCTFYSK\*S\*AGILTLIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSI

>B.2004.DQ295193.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCLHCQVCFIKKGLGIYYGRKKRRQRRRAPQDNKNHQVSLPKQ\*VIHVMQPLVIVAIVALVVATIIAIVVWTIVLIEYKKILKQRKIDKIIDRIRERAEDSGNESEGDQEELLVEMGHHAPWDVDDL\*CCRRIVGHSLLWGTCVERSNYHSILCIRC\*GI\*HRGT\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*PGRTNA\*GYNQFMG\*KPKAMCKINSTLCYFKL\*\*LQWD\*YQWD\*YQ\*\*\*\*DGGRRNEKLLFQCYHNHKR\*GAEGICSFL\*T\*CSTNR\*\*\*YKLYIDKL\*LLNPYTGLSKSIL\*TNSHTLLYPGWFCDSKV\*\*\*DVQWNRTMFKCQHSTMYTWD\*ASSINSTAVKWQSSRRRDSN\*I\*KYHRQC\*NHNSTAERICTN\*LYKTQQQYKKKYKDRTREHILCNRGHNRRYKTSTL\*H\*\*KRMEQHFTTASYKIKRTLWE\*NNNL\*\*ILRRGPRDCNAQF\*LWRGIFLL\*YNTTV\*\*YLAA\*\*YWE\*E\*TAK\*NYHTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYYRAVVNKRWGEY\*\*DWEWD\*DLQTWGRRYEGQLEK\*II\*I\*SSTN\*AIRDSTH\*GKEKSGAERKKSSGSNRSYVPWVLGSSRKHYGRSVSDVDGTGQTIIVWYSATAK\*FAESY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*NSRIYLG\*HDLDGVGQRN\*QLHRLNIQLT\*KIAEPTRKE\*TGIIGIG\*MVKLVELV\*HNTMAVVYKNIHNDSRRLGRFKNNFFCTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRRRQGWIRSI

>B.2004.DQ295194.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCLHCQVCFIQKGLGISYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIHVMQPLAILAIVGLVVAAIIAIVVWSIVFIEYKKILKQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCSRRIVGHSLLWGTCVERSNHHPILCIRC\*SI\*HRST\*CLGHTRLCTHRPQPTRSSIEKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKTMCKINSTLCYFEL\*\*LEEWN\*\*YH\*\*\*WERDGGRRDKKLLIQYYHKQKN\*GAKRICSFLWT\*CNTNGQYKLYIETL\*LLSHYTGLSKGIL\*TNSHTLLYPGWFCDSTM\*\*\*EVQWNRTMFQCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KFHRQC\*NHNSTAERICRN\*LYKTQQQYKKKYKYRTRENNLCNRKHNRRYKTSIL\*S\*CRKMEQHFKMASYKIKRTI\*G\*\*NNSL\*AILRRGPRDCNAQFYLWRGIFLL\*YNTTV\*\*E\*Y\*TV\*\*YLE\*Y\*RVKYYTPMQNKTNYKQVAGSRKSNICPSH\*WANWMFIKYYRAAINKRWGA\*EQRD\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSNNIRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATASVAAYSLGHQAAPGKSPSCGKIPKGSAAPGNLGMLWKAHLHH\*CALEH\*LE\*\*ISE\*YLG\*HDLDGVGQRN\*QLHKLHIRLT\*KIAEPARKE\*TGITGIG\*MGKFVELV\*HITMAVVYKNIHNDSRRLSRFKNNFFCTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSL

>B.2004.DQ295195.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGIYYGRKKRRQRRGASQHHKDHQVSLSKQ\*VIHVMQPLTILAIVALVVAGIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVDDL\*CCNRRIVGHSLLWGTCVERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIAKCDREF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCHFKL\*Y\*\*\*\*WW\*\*YY\*Y\*YYYY\*\*\*\*RSDGGRRNKELLFHHCHHQQK\*\*GEKRICSFL\*T\*CSENR\*Y\*QFKLYADEL\*LLSRYPGLSKGIL\*TNSHTLLYPGWFCDSTV\*\*\*EVQWIRTMFKCQHSTMHTWN\*ASSINSTAVKWQSSRRRCSS\*I\*KFYKQC\*NHNSTADYTCNN\*LYKTQQQYKKKYKFCTREHYLCNRRYNRRYKTSTL\*R\*\*K\*ME\*HFKGNSYKIKRTIWK\*NNKI\*SILRRGPRD\*NAQF\*LWRGIFLL\*YNTAV\*\*HLA\*\*\*\*EFQ\*YC\*\*WHIYPPLQNKTNYNQLAGSRKSNICPSHQWTN\*MFIKYYRANINKRWGN\*KQLH\*HHRGDLQTWGRKYEGQLEK\*II\*I\*SSKN\*AIRGSTHWGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRRVNDADGTGQTIIVWLYSATAE\*SAESY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CTLEY\*LE\*\*ISG\*YLA\*HDLDGVGQRN\*QLHKLNIHLT\*GIAEPAREE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRIKNNFFCAFYSK\*S\*AGVLTVIVSDPPPKPEGTRQARRNRRRRWKRKQRWIRWI

>B.2004.DQ295196.-

MEPVDPRLEPWKHPGSQPKTPCSKCYCKKCCFHCQVCFTTKGLGIYYGRKKRRQRRRAPQDNKNHQVPLSKQ\*VIHVMQSLAILAIVALVVAGIIAIVVWSIVFIEYKKILKQRRIDRLINRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVGK\*HGRTDA\*GYNQLMGSKPKAMCKINSTLCYLKL\*\*LCEE\*Y\*YH\*\*\*\*\*\*YH\*GSEGGRRTEKLLFQCYHKHKK\*DEARICSFL\*T\*CRTNR\*YKLYVDKL\*LLSHYTGLSKGIL\*TNSHTLLYPGWFCDSTV\*\*\*EVQWNGTMFKCQHSTMHTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KFHEQC\*NHNSTAERICRN\*LYKTQQQYKKRYTYRTRENVLCNRRNSRKYKTSTL\*H\*\*NKMGQHFKTASYKIKRTSWE\*NNSL\*STLRRGPRDRNAQF\*LWRGILLL\*YITTV\*\*SLEWF\*KVQ\*H\*RKYNYHTPMQNKTNYKQVARSRKSNVCPSHQRTN\*MFIKYYRAVINKRWGEWERD\*ERD\*NLQTWGRKYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAE\*FTESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGMLWKAHLHHCCALEY\*LE\*\*ISG\*NLA\*HDLDAVGQRN\*QLHKLNIHLA\*RIAEPTRKE\*TGIIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNNLFCTFYSK\*S\*EGILTTIVSDPPPKPEGTRQARRNRRRRWRRRQRWIQSI

>B.-.DQ322223.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCYHCQVCFMTKGLGISYGRKKRRQRRRPPPNSQNHQVSLSKQ\*VIYVMQPLYISAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNHHSILCIRC\*SL\*\*RST\*CLGHTCLCTHRPPPTRSKIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKVQ\*YCQ\*\*\*\*\*YYCWQ\*\*CRGKDKRGNEKLLFQYHHKHKR\*GTERICTFL\*P\*YSTNR\*\*\*\*\*Y\*L\*VDKL\*YLSHYTGLSKGNL\*TNSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKC\*HSTMYTWN\*ASSVNSTVVKWQPSRRRGSN\*I\*QFHRQC\*NYNSTAEGSCKHYLYKTWQQYEEKYTYGTRESILYNRRXNRRYKTSTL\*P\*\*NKLE\*RLKSDSYQIKRTI\*\*\*NNNL\*SILRRGSRNCNAQF\*LWRRIFLL\*CNRTV\*\*YLEWN\*TE\*YPE\*GYYHTPMQNKTNYKHVAGSRKSNVCPSHQRKYYLFIKYYRAAIDKRWWKQ\*EHE\*NLQTWRRRYEGQLEK\*TI\*I\*SSKT\*TIRSSTHQGKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQFAESY\*GTTAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYE\*DLG\*HDLDGVGKRNQ\*LHRTNIQIN\*NIAEPTRKE\*TRLIRIR\*VGKFVELVQHNKLAVVYKDIYNDSRRLGRFKNSFYCTFYSE\*S\*AGILTTVISDPPPRPEGTRQARRNRRRRWRQRQRQIQKI

>B.-.DQ322224.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCYHCQVCFMTKGLGISYGRKKRRQRRRPPPNSQNHQVSLSKQ\*VIHVMQPLYISAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNHHSILCIRC\*SL\*\*RST\*CLGHTCLCTHRPPPTRSKIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKVQ\*YCQ\*\*\*\*\*YYCWQ\*\*CRGKDKRGNEKLLFQYHHKHKR\*GTERICTFL\*P\*YSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLSKGNL\*TNSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKC\*HSTMYTWN\*ASSVNSTVVKWQPSRRRGSN\*I\*QFHRQC\*NYNSTAEGSCKHYLYKTWQQYEEKYTYGTRESILYNRRHNRRYKTSTL\*P\*\*NKLE\*RLKSDSYQIKRTI\*\*\*NNNL\*SLLRRGSRNCNAQF\*LWRRIFLL\*CNRTV\*\*YLEWN\*TE\*YPG\*GYYHTPMQNKTNYKHVAGSRKSNVCPSHQRKYYLFIKYYRAAIDKRWWKQ\*EHE\*NLQTWRRRYEGQLEK\*TI\*I\*SSKT\*TIRSSTHQGKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQFAESY\*GTTAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYE\*DLG\*HDLDGVGKRNQ\*LHRTNIQIN\*NIAEPTRKE\*TRLIRIR\*VGKFVELVQHNKLAVVYKDIYNDSRRLGRFKNSFYCTFYSE\*S\*AGILTTVISDPPPRPEGTRQARRNRRRRWRQRQRQIQKI

>B.-.DQ322225.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAPEGSQTHQDSLSKQ\*VVDVMQPLEIYAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIERIGERAEDSGNESEGDQEELAALVEMGHDAPWNVDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSEIGKCDGKFQHVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFNLH\*FEYH\*YQYH\*\*C\*YH\*W\*RGRNEKLLFQCHLNNKR\*AAERICPFI\*NGFSANR\*\*\*YQL\*VNKL\*HLSPHTGLSKGDL\*ANSHTLLCPGWFCDSKV\*\*\*EFHWDRAM\*KCQHSTMYTWN\*ASSINSTAVKWKSSRRRGSN\*ICQFLKQC\*NHNSAAEQACKN\*LYKTQQQYKKKYTYRTRESILCNRRHNRRYKTSTL\*VE\*NTMGLHFRTGS\*NIRKTI\*\*NNSI\*SILRRGLRNSNAQF\*LWRGIFLL\*YNKTVQ\*YLE\*Y\*EWEYLE\*NYMVR\*PRK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHPRTD\*LFIKYYRAAINKRWW\*GS\*Q\*RE\*GE\*DLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAKQFAESY\*GATAFVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGMLWKTHLHHCCTLEXXLE\*\*IFGSDLE\*HDLDGVGKRNWQLHKLNIHSN\*TIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFYXK\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRARQRQIRWI

>B.-.DQ322226.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAPEGSQTHQDSLSKQ\*VVXVMQPLEIYAIVALVVAXIIAIVVWTIVLIEYRKILRQRKIDRLIERIGERAEDSGNESEGDQEELAALVEMGHDAPWNVDDL\*CXRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSEIGKCDGKFQHVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFNLH\*FEYH\*YQYH\*\*C\*YH\*W\*QGRNEKLLFQCHLNNKR\*AAERICPFI\*NGFSANR\*\*\*YQL\*VNKL\*HLSPHTGLSKGDL\*ANSHTLLCPGWFCDSKV\*\*\*EFHWDRAM\*KCQHSTMYTWN\*ASSINSTAVKWKSSRRRGSN\*ICQFLKQC\*NHNSAAEQACKN\*LYKTQQQYKKKYXYRTRESILCNRRHNRRYKTSTL\*VE\*NTMGLHFRTGS\*NIRKTI\*\*NNSI\*SILRRGLRNSNAQF\*LWRGIFLL\*YNKTVQ\*YLE\*Y\*EWEYLE\*N\*\*PRK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHPRTD\*LFIKYYRAAINKRWW\*GS\*X\*RE\*GE\*DLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAKQFAESY\*GATAFVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGMLWKTHLHHXCXLEX\*LE\*\*IFGSDLE\*HDLDGVGKRNWQLHKLNIHSN\*TIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCXTFYSK\*S\*AGILTIIXSDPLPSPEGTRQARRNRRRRWRARQRQIRRI

>B.-.DQ322227.-

MEPIDPRLEPWKHPGSQPNTACTPCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRRPPLDSQNHQASLSKQ\*VVHVMPSLYIITIVALVVAVILAIIVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELLALEGVGHILEMGHHAPWDVDDL\*CRPVVGHSLLWGTCVERSKHHFILCIRCQSI\*YRGT\*CLGHTCLCTHRPKPT\*TRIDKCDRKF\*HVEQ\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLQ\*CKECH\*CQ\*\*RGNDGERGNEKLLF\*YHHSHEQGGAGTCTFL\*P\*CSTNR\*QDI\*VDKL\*HLKSYTGLSKDNL\*ANSHTLLCPSWFCTSKV\*G\*KFQWNRTMYKC\*HSTMHTWN\*ASSINSTAVKWQSSRRRGND\*I\*KFHRQC\*NHNSAAE\*NCRN\*VYKT\*QQYKKKYNYGTRESIFYNRRYNRRYKTSTL\*H\*\*RKMECNFRTDS\*KIKRTIWGK\*NNSF\*STLRGGPRNCNAQF\*LCRGIFLL\*YNKTV\*\*YLA\*KQH\*RV\*RK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAVINKRWG\*\*\*DQWD\*DLQTWRRKYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKRPRTRSFVNRVLGSSRKHYGRSVSDADGTGQAINVWYSATAEQSAESY\*GATAHVATHSLGH\*AAPGKSPGCGKIPTRSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*ISKYNLGKHDLDAVGKRN\*\*LHKYNIPIT\*KITESTRKE\*TRIIGIR\*LGKFVELVYHNKLAVVHKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRQIRAI

>B.-.DQ322228.-

MEPIDPRLEPWKHPGSQPNTACTPCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRRPPLDSQNHQASXSKQ\*VVHVMPSLYIITIVALVVAVILAIIVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELLALEXVGHXLEMGHHAPWDVDDL\*CRPVVGHSLLWGTCVERSKHHFILCIRCQSI\*YRGT\*CLGHTCLCTHRPKPT\*TRIDKCDRKF\*HVEQ\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLQ\*CKECH\*CQ\*\*RGNDGERGNEKLLF\*YHHSHEQGGAGTCTFL\*P\*CSTXR\*QDI\*VDKL\*HLKSYTGLSKDNL\*ANSHTLLCPSWFCTSKV\*G\*KFQWNRTMYKC\*HSTMHTWN\*ASSINSTAVKWQSSRRRGND\*I\*KFHRQC\*NHNSAAE\*NCRN\*VYKT\*QQYKKKYNYGTRESIFYNRRYNRRYKTSTL\*H\*\*RKMECNFRTDS\*KIKRTIWGK\*NNSF\*SXLRGGPRNCNAQF\*LCRGIFLL\*YNKTV\*\*YLA\*KQH\*RV\*RK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAVINKRWG\*\*\*DQWD\*DLQTWRRKYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKRPRTRSFVNRVLGSSRKHYGRSVSDADGTGQAINVWYSATAEQSAESY\*GATAHVATHSLGH\*AAPGKSPGCGKIPTRSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*ISKYNLGKHDLDAVGKRN\*\*LHKYNIPIT\*KITESTRKE\*TRIIGIR\*LGKFVELVYHNKLAVVHKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRQIRAI

>B.-.DQ322229.-

MEPIDPRLEPWKHPGSQPNTACTPCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRRPPPDSQNHQASLSKQ\*VVHVMPSLYIITIVALVVAVILAIIVWSIVFIEYRKILRQRKIDRLIDRIRERTEDSGNESEGDQEELLALEGVGHSLEMGHHAPWDXDDL\*CRPVVGHSLLWGTCVERSKHHFILCIRCQSI\*YRGT\*CLGHTCLCTHRPKPT\*TRIDKCDRKF\*HVEQ\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLQ\*CKECH\*CQ\*\*RGNDGERGNEKLLF\*YHHSHERGGAGTCTFL\*P\*CSTNR\*QDI\*VDKL\*HLKSYTGLSKDNL\*ANSHTLLCPSWFCTSKV\*G\*KFQWNRTMYKC\*HSTMHTWN\*ASSINSTAVKWQSSRRRGND\*I\*KFHRQC\*NHNSAAE\*NCRN\*VYKT\*QQYKKKYNYGTRESIFYNRRYNRRYKTSTL\*H\*\*RKMECNFRTDS\*KIKRTIWGK\*NNSF\*SILRGGPRNCNAQF\*LCRGIFLL\*YNKTV\*\*YLA\*KQH\*RV\*RK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAVINKRWG\*\*WDQ\*D\*DLQTWRRKYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKRPRTRSVVNRVLGSSRKHYGRSVSDADGTGQAINVWYSATAEQSAESY\*GATAHVATHSLGH\*AAPGKSPGCGKIPTRSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*ISKYNLGKHDLDAVGKRN\*\*LHKYNIPIT\*KITESTRKE\*TRIIGIR\*LGKFVELVYHNKLAVVHKNIHNDSRXLDRFKNSFCCTFYSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRQIRAI

>B.-.DQ322230.-

MEPIDPRLEPWKHPGSQPNTACTPCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRRPPPDSQNHQASLSKQ\*VVHVMPSLYIITIVALVVAVILAIIVWSIVFIEYRKILRQRKIDRLIDRIRERTEDSGNESEGDQEELLALEGVGHSLEMGHHAPWDXDDL\*CRPVVGHSLLWGTCVERSKHHFILCIRCQSI\*YRGT\*CLGHTCLCTHRPKPT\*TRIDKCDRKF\*HVEQ\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLQ\*CKECH\*CQ\*\*RGNDGERGNEKLLF\*YHHSHERGGAGTCTFL\*P\*CSTNR\*QDI\*VDKL\*HLKSYTGLSKDNL\*ANSHTLLCPSWFCTSKV\*G\*KFQWNRTMYKC\*HSTMHTWN\*ASSINSTAVKWQSSRRRGND\*I\*KFHRQC\*NHNSAAE\*NCRN\*VYKT\*QQYKKKYNYGTRESIFYNRRYNRRYKTSTL\*H\*\*RKMECNFRTDS\*KIKRTIWGK\*NNSF\*SILRGGPRNCNAQF\*LCRGIFLL\*YNKTV\*\*YLA\*KQH\*RV\*RK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAVINKRWG\*\*\*DQ\*D\*DLQTWRRKYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKRPRTRSFVNRVLGSSRKHYGRSVSDADGTGQAINVWYSATAEQSAESY\*GATAHVATHSLGH\*AAPGKSPGCGKIPTRSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*ISKYNLGKHDLDAVGKRN\*\*LHKYNIPIT\*KITESTRKE\*TRIIGIR\*LGKFVELVYHNKLAVVHKNIHNDSRXLDRFKNSFCCTFYSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRQIRAI

>B.-.DQ322233.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKRCCYHCQXCFITKGLGISYGRKKRRQRRRAXQDSQTHQDSLSXQ\*VVYVMQSLYIAAXVALVVAAIIAIXVWTIVFIEYRKILRQRXINKLIDRIRERAEDSGNESEGDQEELSALVEMGNHAPWDVDDL\*CCXKIVGYSLLWGTCVERSKHHSILCIRCQSI\*YRGT\*RLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEX\*HGRTDA\*GYNWVMG\*KPKAMCKINSTLCYAKLHG\*VEE\*H\*E\*H\*YQ\*\*YLGKR\*YLGKRRNKKLLFQYYHKHKR\*GAERIFTFL\*T\*CSTNR\*\*\*YQLQVDKL\*YLSHYTSLSKGVL\*ANSHTLLYPGWFCASEM\*Q\*DVQWNRTM\*KCQHSTMYTWN\*ASGVNSTAVEWQSSRRRDSN\*I\*KFQ\*\*C\*NHNSTAEGTCKN\*LYKTQQQYKKRYTYRTRESILCRRGNRKYKTSVL\*P\*\*NRME\*NFTRGS\*QIKRTIWEE\*NNSL\*SILRRGHRNCNAQFLLWRGIFLL\*YKTAV\*\*YLE\*YLGSKTTS\*\*YWEWY\*RRYHTPM\*NKTNYKHVAESRKSNVCPSHQRTN\*LFIKYYRATINKRWW\*RE\*\*\*YHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAKRKKSSGSDRSYVPWVLGSSRKHYGRSVIDADGTSQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPG\*SPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*YLE\*HDLDGVGKRN\*QLHRLNIQLNFRSAGPTRKK\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIYNDNRRLGRFKNSFCCTFYSE\*S\*AGIFTLIISDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.-.DQ322234.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKRCCYHCQXCFITKGLGISYGRKKRRQRRRAXQDSQTHQDSLSXQ\*VVYVMQSLYIAAXVALVVAAIIAIXVWTIVFIEYRKILRQRXINKLIDRIRERAEDSGNESEGDQEELSALVEMGNHAPWDVDDL\*CCXKIVGYSLLWGTCVERSKHHSILCIRCQSI\*YRGT\*RLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEX\*HGRTDA\*GYNWVMG\*KPKAMCKINSTLCYAKLH\*\*VEE\*H\*E\*H\*YQ\*\*YSGKR\*YLGKRRNKKLLFQYYHKHKR\*GAERIFTFL\*T\*CSTNR\*W\*YQLQVDKL\*YLSHYTSLSKGVL\*ANSHTLLYPGWFCASEM\*Q\*DVQWNRTM\*KCQHSTMYTWN\*ASGVNSTAVEWQSSRRRDSN\*I\*KFQ\*\*C\*NHNSTAEGTCKN\*LYKTQQQYKKRYTYRTRESILCRRSNRKYKTSVL\*P\*\*NRME\*NFTRGS\*QIKRTIWEE\*NNSL\*SILRRGHRNCYAQFLLWRGIFLL\*YNTTV\*\*YLGTS\*\*YWEWY\*RRYHTPM\*NKTNYKHVAESRKSNVCPSHQRTNQLFIKYYRATINKRWW\*RE\*\*\*YHRDLQACRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAKRKKSSGSDRSHVPWVLGSGRKHYGRSVIDADGTSQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPG\*SPGCGEIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDGVGKRN\*QLHRLNIQLNFRSAGPTRKK\*TRVIGIR\*MGKFVELV\*HNKMAVVYKNIYNNSRRLGRFKNSFCCTFYSK\*S\*AGIFTLIISDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.-.DQ322235.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKRCCYHCQXCFITKGLGISYGRKKRRQRRRAXQDSQTHQDSLSXQ\*VVYVMQSLYIAAXVALVVAAIIAIXVWTIVFIEYRKILRQRXINKLIDRIRERAEDSGNESEGDQEELSALVEMGNHAPWDVDDL\*CCXKIVGYSLLWGTCVERSKHHSILCIRCQSI\*YRGT\*RLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEX\*HGRTDA\*GYNWVMG\*KPKAMCKINSTLCYAKLH\*\*VEE\*H\*E\*H\*YQ\*\*YLGKR\*YLGKRRNKKLLFQYYHKHKR\*GAERIFTFL\*T\*CSTNR\*\*\*YQLQVDKL\*YLSHYTSLSKGVL\*ANSHTLLYPGWFCASEM\*Q\*DVQWNRTM\*KCQHSTMYTWN\*ASGVNSTAVEWQSSRRRDSN\*I\*KFQ\*\*C\*NHNSTAEGTCKN\*LYKTQQQYKKRYTYRTRESILCRRSNRKYKTSVL\*P\*\*NRME\*NFTRGS\*QIKRTIWEE\*NNSL\*SILRRGHRNCYAQFLLWRGIFLL\*YNTTV\*\*YLGTS\*\*YWEWY\*RRYHTPM\*NKTNYKHVAESRKSNVCPSHQRTN\*LFIKYYRATINTRWW\*RE\*\*\*YH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAKRKKSSGSDRSHVPWVLGSGRKHYGRSVIDADGTSQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPG\*SPGCGEIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*YLE\*HDLDGVGKRN\*QLHRLNIQLNFRSAGPTRKK\*TRVIGIR\*MGKFVELV\*HNKMAVVYKNIYNNSRRLGRFKNSFCCTFYSK\*S\*AGIFTLIISDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.-.DQ322236.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKRCCYHCQXCFITKGLGISYGRKKRRQRRRAXQDSQTHQDSLSXQ\*VVYVMQSLYIAAXVALVVAAIIAIXVWTIVFIEYRKILRQRXINKLIDRIRERAEDSGNESEGDQEELSALVEMGNHAPWDVDDL\*CCXKIVGYSLLWGTCVERSKHHSILCIRCQSI\*YRGT\*RLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEX\*HGRTDA\*GYNWVMG\*KPKAMCKINSTLCYSKLH\*\*VEE\*HL\*E\*HLY\*\*\*Y\*GY\*RRNKKLLFQYYHKHKR\*DAERIFTFL\*T\*CSTNR\*\*E\*WY\*QLL\*IDKL\*YLSHYTSLSKGVL\*ANSHTLLYPGWFCASEM\*Q\*DIQWNRTM\*KCQHSTMYTWN\*ASGVNSTAVEWQSSRRRDSN\*I\*KFQ\*\*C\*NHNSTAGETCKN\*VYKTQQQYKKRYTYRTRESILCRRNNRKYKKSSL\*P\*\*NRME\*HFTRDS\*QIKSTIWEE\*NNSL\*SILRRGHRNCNAQFLLWRGIFLL\*YKTAV\*\*YLE\*YLGSKTTS\*\*YWEWY\*RRYHTPM\*NKTNYKHVAESRKSNVCPSHQRTN\*LFIKYYRATINKRWW\*RE\*\*\*YHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAKRKKSSGSDRSYVPWVLGSSRKHYGRSVIDADGTSQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPG\*SPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*YLE\*HDLDGVGKRN\*QLHRLNIQLNFRSAGPTRKK\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIYNDNRRLGRFKNSFCCTFYSK\*S\*AGIFTLIISDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.-.DQ322237.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKRCCYHCQXCFITKGLGISYGRKKRRQRRRAXQDSQTHQDSLSXQ\*VVYVMQSLYIAAXVALVVAAIIAIXVWTIVFIEYRKILRQRXINKLIDRIRERAEDSGNESEGDQEELSALVEMGNHAPWDVDDL\*CCXKIVGYSLLWGTCVERSKHHSILCIRCQSI\*YRGT\*RLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEX\*HGRTDA\*GYNWVMG\*KPKAMCKINSTLCYSKLH\*\*VEE\*HL\*E\*HLY\*\*\*Y\*GY\*RRNKKLLFQYYHKHKR\*DAERIFTFL\*T\*CSTNR\*\*\*YQLQVDKL\*YLSHYTSLSKGVL\*ANSHTLLYPGWFCASEM\*Q\*DVQWNRTM\*KCQHSTMYTWN\*ASGVNSTAVEWQSSRRRDSN\*I\*KFQ\*\*C\*NHNSTAEGTCKN\*VYKTQQQYKKRYTYRTRESILCRRSNRKYKTSVL\*P\*\*NRME\*NFTRGS\*QIKRTIWEE\*NNSL\*SILRRGHRNCYAQFLLWRGIFLL\*YNTTV\*\*YLGTS\*\*YWEWY\*RGYHTPM\*NKTNYKHVAESRKSNVCPSHQRTN\*LFIKYYRATINKRWW\*RE\*\*\*YH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKESGAKRKKSSGSDRSHVPWVLGSGRKHYGRSVIDADGTSQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPG\*SPGCGEIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*YLE\*HDLDGVGKRN\*QLHRLNIQLNLRSAGPTRKK\*TRVIGIR\*MGKFVELV\*HNKMAVVYKNIYNNSRRLGRFKNSFCCTFYSK\*S\*AGIFTLIISDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.-.DQ322239.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKRCCYHCQXCFITKGLGISYGRKKRRQRRRAXQXSQTHQDSLSXQ\*VVYVMQSLYIAAXVALVVAAIIAIXVWTIVFIEYRKILRQRRINKLIDRIRERAEDSGNESEGDQEELSALVEMGNHAPWDVDDL\*CCXKIVGYSLLWGTCVERSKHHSILCIRCQSI\*YRGT\*RLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEX\*HGRTDA\*GYNWVMG\*KPKAMCKINSTLCYSKLH\*\*VEE\*HL\*E\*HLY\*\*\*Y\*GY\*RRNKKLLFQYYHKHKR\*DAERIFTFL\*T\*CSTNR\*\*E\*WY\*QLL\*IDKL\*YLSHYTSLSKGVL\*ANSHTLLYPGWFCASEM\*Q\*DIQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVEWQSSRRRDSN\*I\*KFQ\*\*C\*NHNSTAGETCKN\*VYKTQQQYKKRYTYRTRESILCRRNNRKYKKSSL\*P\*\*NRME\*HFTRDS\*QIKSTIWEE\*NNSL\*SILRRGHRNCNAQFLLWRGIFLL\*YKTAV\*\*YLESKTTS\*\*YWEWY\*RRYHTPM\*NKTNYKHVAESRKSNVCPSHQRTN\*LFIKYYRATINKRWW\*RE\*\*\*YHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAKRKKSSGSDRSYVPWVLGSSRKHYGRSVIDADGTSQTIIVWYSATAEQFAESY\*GATASVATHSLGHQATSG\*SPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*IPR\*YLE\*HDLDGVGKRN\*QLHRLNIQLNFRSAKPTRKK\*TRVIGIR\*MGKFVELV\*HNKMAVVYKNIYNNSRRLGRFKNSFCCTFYSK\*S\*AGIFTLIISDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.1996.DQ354112.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVNVMQSLQIAAIVALVVAAIIAIVVWIIAFIEYRKLLKQKRIDRLIERIIERADDSGNESEGDQEELSALVEMGHDAPWNVDDL\*CYRTIVGHSLLWGTSMERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCNRKF\*HVENDMVEQMQEDVISLWDQSLKPCVKLTPLCVILNCSDVPINSSDTNNSSWGMMEQGEIKNCSFNITTSIRDKVKNEYALFNKLDVVSINNSSYRLISCNTSVITQACPKVSFEPIPIHYCTPAGFVILKCNDKKFKGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEDVVIRSSNFTDNAKTIIVQLNESVVINCTRPNNNTRKGIHIGLGRALYTTGAIIGNIRQAHCNISRQSWNNNLRQIVTKLREEFNNRTIIFNPSSGGDPEIVMHSFNCGGEFFYCNTTQLFNSTWNDTIGSNNDTEGNITLPCRIRQIVNMWQEVGKAMYAPPIAGPIRCSSNITGLLLTRDGGNDNEAINETFRPGGGDMRDNWRSELYKYKVVKIEPVGIAPTRAKRRVVQREKRAVGTIGAMFLGFLGAAGSTMGAASMTLTVQARLLLSGIVQQQNNLLRAIEAQQHMLQLTVWGVKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKTYQEIWDNMTWMQWEKEIDNYTNLIYTLIEESQNQQEKNEQELLELV\*HIKMAVVYKTIHNDSRRLGRFKNSLCCTFYNK\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1996.DQ354114.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMKKGLGIFYGRKKRRQRRSAPQDSQTHQASLSKQ\*VVNVMQALTILAIVALVVATIIAIVVWTIVLIEYRRLINQRKIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CWRKLVGHNLLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSLGKCDRKL\*HVEK\*HGRTDA\*RYNQYMGSKSKAMCKINPTLCYFKLH\*FEECY\*YQ\*YDGGRRNKKLLFQYHHTHRN\*GERLCTFL\*P\*CSTNR\*YQL\*VETL\*HLSHYTSLSKGIL\*ANSHTLLYPGWFCASKV\*Q\*KVQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*QFHGQC\*SHNSTAE\*ICRN\*LYKTQQQYKKKYTSRTRASMVYNRTNNRRYKTSTL\*P\*\*HKME\*HFKTDN\*KIKRTIWEQNNNL\*SILRRGPRDYNAQF\*LWRGIFLL\*YITTV\*WYLE\*Y\*YYRK\*HYHAPLQNKTNCKHVAGSRKSNVCPSHRRTN\*MLIKDYRVDINKRWW\*YRE\*DHRDLQT\*RRKYEGQLEK\*TI\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*YDLDGVGKRN\*QLHKRNIHLN\*RIAEPTRKE\*TRIIGIG\*MGKLVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCVFYSK\*S\*AGILTIVITDPFPSPEGTRQARRNRRRRWRARQRQIREI

>B.1996.DQ354116.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIQKGLGIFYGRKKRRQRRRSPQGSQTHQVSLSKQ\*VVNVMQALTILAIVALVVATIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERSEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSTGKCDRKL\*HVEK\*HGGTDA\*RYNQFMGSKPKAMCKINPTLCYFKLH\*LCY\*YQ\*CY\*YQ\*CGGGRKNEKLLFQYHHKHKN\*GKRLCTFL\*K\*CSTNR\*\*\*YQL\*VNKM\*HLSHYTSLSKDIL\*ANSHTLLCPGWFCDCKV\*Q\*KVQWNRTMYKCQYSTMYTWN\*ASSINSTTVKWQFSRRRDSN\*I\*QFLGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKKYNYRTREGMVCNRTNNRKYKTSTL\*P\*\*HKMA\*HFKTDN\*KIKRTIWEQNNNL\*SILRRGPRDSNAQF\*LWRGIFLL\*YNRTV\*\*YLE\*Y\*YWE\*YYRK\*QYHAPLQNKTNCKHVAGSRKSNVCPSHRGTD\*MFIKYYRVAINKRWW\*\*\*ERDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*NS\*SDLE\*YDLDGVGKRN\*QLHKRNIHFN\*RIAKPTREE\*TRIIGIG\*VGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSK\*S\*AGILTIVIADPLPSSEGTRQARRNRRRRWRERQRQIREI

>B.1996.DQ354118.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFMKKGLGIFYGRKKRRQRRRSPQDSQTHQDSLSKQ\*VVNVMQALTILAIVALVVVTIIAIIVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFMEMGHPAPWDVDDL\*CCRKIVGHSLLWGTCMERSSHHSILCIRC\*SI\*NRGTQCLGHTCLCTHRPQPTRSSIGKCDRKL\*HVGKYHGRPDA\*RYSQFMGSKPKAMCKINPTLCYFKLH\*VEECYY\*YQ\*Y\*YQ\*YNGGRRNEKLLFQYYHKHKH\*GERPCTLLYT\*CNTNR\*YR\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSYTLLYPGWFCDSTV\*\*\*KVQWNRTM\*KCQYSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*QFLEQC\*SHNSTVE\*ICRN\*LYKTQQQYKKKYTFRTRTSMVYNRTNNRRYKTSIL\*H\*\*RKME\*HFKTGS\*KTKRTIWEQNNSI\*EFLRRGLRDCNAQF\*LWRGIFLL\*YIKTV\*\*YLAY\*\*YLAY\*\*YWE\*YYHAPLQNKTSCKHVARSRKSNVCPSHQRTN\*MLIKYYRVAINKRWW\*KRERNQRDRNLQTCRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGDDRSYVPWVLGSSRKHYGRSVNNADGTGQTIAVWYSATAEKFAEGY\*GATASVATHSLGH\*AAPGESPGCGKIPKGSTAPRDLGLFWKTYLHHCCALEY\*LE\*\*ILFRHLG\*YDLDGVGKRN\*QLHKRNIHLN\*TIAEPTRKE\*TRLIGIG\*VGKLVELV\*HNKVAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*AGILTIVITDPLPSPEGTRQARRNRRRRWRERQRQIREI

>B.1996.DQ354119.-

MEPVDPRLEPWKHPGSKPKTDCNNCYCKKCSFHCQVCFIKKALGISYGRKKRRQRRRAPQSSQDHQIPVSEQ\*VVHVMQPLQVLAIVALVVAAIIAIVVWTIVLVEYRKILRQRKIDKLIDRIRERTEDSGNDSEGDQEELSALVGMGHQAPWDVDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRX\*SI\*YRGT\*CLGHTCLRTHRP\*PTRNSIGECDRKF\*YVEK\*HGRTDE\*GYNQFMGSKPQAMCKTNPTLCYLKLH\*FE\*E\*H\*FE\*Y\*HQ\*\*Y\*HQ\*\*\*LGRDEKLLFQCHHKHKR\*GAERICTFL\*T\*YSTNR\*\*G\*\*G\*YKLYVDKL\*YLSHYTGLSKGVL\*TNSHTLLYPGWFCDSTV\*\*\*EVQWNRTM\*KC\*HSTMYTWN\*TSSINSTAAKRQSSRRRGSN\*I\*KFHGQY\*NYNSTAKCIYRN\*LYKTQQQYKEKYKYRTGESILGNRRYNRRYKTSTL\*R\*\*IKMEECFRTDS\*KIKRTIWE\*NNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*WDV\*\*YWEWNWRVTEQWKYHTPV\*NKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYYRATINKRWWKREYE\*DLQTWGRKHEGQLEK\*II\*I\*SSKN\*AIRGSTHQGKEKSGAERKKSSDRSYVPWVLGSSRKHYGRSVGDADGTGQTIIVWYSAAAEQSAEGY\*RATASVAAHSLGHQAAPGKSPGCGKISKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLE\*HDLDGVGERN\*QLHKLNIHLN\*RIAKPTRKE\*KRIIGIG\*VGKFVELV\*HNKMAVVYKNIHNDSRRFSRFKNSFYCTFSSE\*S\*AGIFTIVIPDPQPNPEGTRQARRNRRRRWRQRQRWIHSI

>B.2002.DQ358805.-

MEPVDPRLEPWKHPGSQPKTACNKCFCKQCCYHCQKCFLTKGLGISYGRKKRRQRRRAPQDSPTDQGPLSKQ\*VVYVMLSLTIVAIAALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSGLMEMGHLAPWDVDDL\*CYTTIVGHSPLWGTCVERSKYHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSTISKCDRKF\*HVEK\*HGGTDA\*GCNQLVGSKPKAMCKINSTLCDFKLY\*FEE\*Y\*YQ\*\*\*RENDNGERRNKKLLF\*YHRKHKK\*GETGICTF\*\*T\*CSANR\*\*YYKLYIDNL\*HLSHYTGLSKDNL\*TNSHPLLCPGWFCDSKV\*\*\*EVQWNRTLYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNNTAERNCRN\*LYKTQQ\*YKKKDNYGTRKSILCNRRHSRRYKTSTL\*H\*\*NKMEQHFGKDS\*KIKGTL\*\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNEAVYWYFE\*HWDLAYRKPD\*YYHTPMQNKTNYKQVAGSRKSNVCPSH\*RTN\*LFIKYYRDTINTRWWWEWVRHHRLLNTRRRRYEEQLEK\*II\*L\*GGKNSTIRSTTHRGEEKSGAERKKSSGGTRSYVPWVLGNSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*GATAYVATHSLGHQTAPGKSPGCRKIPKGSTAPRALGLLWKTHLQH\*CALEY\*LE\*\*IFRTDLGKHDLDRVGERN\*QLHRHNIHLT\*RIAKPTGKE\*TRLIKIG\*VGRFVELV\*HNKLAVVYKNIHNDSRRLSRLKNSFYCNFYSE\*S\*EGILTTIIPDPPPSSKGTRQARRNRRRRWRKRQNWIHSL

>B.2002.DQ358808.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRPRRRPPSDRQVHQVSLSKQ\*VVHVMPSLQILAIVALVVAAIIAIIVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCRKIVGHSLLWSTCVERGNHHSILCIRC\*II\*HRGT\*CLGNTCLCTHRP\*STRNGIGKYNRRF\*HMEK\*HGRTDA\*GYNQFMGSKPKAMCKIDPTLCYFNLH\*CKGRYYR\*\*YYQ\*\*\*CQ\*\*YYP\*\*G\*H\*QEGRNERLLFQFLHGHSKYNE\*GICTL\*YFSM\*FQ\*ILQAIQG\*YKLYVDKL\*HLSPYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DVQWNRTMYKC\*HSTMYTWN\*ASSVNSTAVKWQSSRRRNNN\*I\*KYHKQC\*NYNSTAE\*ICSN\*LYKT\*QQYKKKYTYGMGESILYKWTNNRKYKTSTL\*S\*\*CRMGKHFRTDSYKIRRTI\*ECNNNKI\*\*ILGGGPRNCNAHF\*LRRGIFLL\*YIKAV\*\*YLVA\*\*Y\*WYLDA\*QYLYYREYHNTPMQNKTIIQVAGSRKSNVCPSHQWTS\*MFIKYYRAAINKRWWQEQVRRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGNDGSFVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSATAKQFAEGNSGTTEPVATHSLGRQAAPGESPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*DLE\*HDLDGVGERN\*QLHKHNILLN\*RIAEPAGKE\*TRIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSK\*S\*EGILTIIIPDPPPSLEGTRQARRNRRRRWRARQRQIGRI

>B.2002.DQ358809.-

MEPVDPRLEPWNHPGSQPKTACTKCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRAPQGRQNNQVPLSKQ\*VVRVMQALPIVAIVALVVVGIIAIVVWTIVLIEYKKLLRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CATIVGHSILWGTCVERSNHHSILCIKC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNA\*RYNQLMGSKPKAMCKINPTLCYLKLH\*CK\*KEWY\*QQY\*GLGKDEGGRNKKLFFQCHHKHKR\*GAERICTFL\*T\*CGTNENR\*YKLYIDKL\*HLSHYAGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSTTVKWQSSRRGGSN\*I\*KLYKQC\*NHHSTAE\*ICTN\*LFKAQQQYKKKYTYRTGESILCNRRHNRRYKTSTL\*S\*YRTMGKNFKADRYKIKRTIQ\*NNNL\*SILRRGSRNCNAQFYLWRGIFLL\*YNKAV\*\*YLE\*\*\*YWRGY\*YLE\*Y\*RARK\*RNYHTPMHNTTHHKQVAGSRKSNVCPSHQGNN\*LLIKYYRVAINKRWW\*Q\*RDQ\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*GATTFVATHSLGHQAASGKSPGCGKIPKGSTAPGALGLLWKTHLHHCCALEC\*LE\*\*KSGTNLG\*HDLDGVGERN\*QLHKLNIYLN\*RITKPTRKE\*KGIIGIG\*VGKPVELVQHNKMAVVYKNIHNDNRRLNRFKNSFCCTFYSKQS\*AGILTIIVPDPPPRPEGTRQARRNRRRRWRERQRQIQKI

>B.2002.DQ358810.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRASQGGQTHQVSLSKQ\*VVYVMQALEISAIVALVVAAIIAIIVWTIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESDGDQEALLEMGHHAPWVVDDGDNL\*CYTIVGYSLLWGACVERSNHHSILCIRC\*SI\*HRGTQCLGHTCLCTHRP\*PTRIKIGKCDRIF\*HVEQ\*HGRTDA\*RYNQSMG\*KPKAMCSINPTLWCCKVH\*CGK\*YYH\*WC\*\*R\*\*NNRG\*DGGTNKKLLFQYHHKHRR\*EAERICTSL\*I\*YNVNRE\*\*YKLYIDKL\*YLSH\*TSLSKGIL\*TNSHTLLCPGWFCDSKM\*GQEIQWNRTMYKCQHSTMYTWN\*ASSVNSTVVKWQSSRRRHSN\*I\*KFHEQC\*NHNSTPE\*ICTN\*LYKTQQQYKKKYTYGTRESMVYNRRNNRGYKTSIL\*H\*RKNLGTNYKKGSYKIKRTI\*YYKNSF\*SILRRGPRNCNAQF\*LWRGIFLLQYITAV\*YYLEYYYLEQY\*AG\*Y\*CY\*R\*\*NYHTPVQDKTNYKHVAGGRKSNVCPSHPRTN\*MFIKYNRAAINKGWW\*\*\*Y\*VEPEHIRLRGLQTPRRKYEGQLEK\*II\*I\*SSTN\*AIRNSTHQGKEKSGAEREKSSGTRSCVHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAKQFAEGY\*GATASVATHSLGH\*AAPGKSPGCRKIPKGSTAPRNLGLLWKTHLRHCCALEY\*LE\*\*IL\*RDLG\*HDLDAVGERN\*PVHKHNIHLN\*RIATPTRKE\*TRIISIGFVGKFVELV\*HIKMAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIVIPDPPPSHEGTRQARRNRRRRWRERQRQIRSI

>B.2002.DQ383746.-

MEPVDPRLEPWKHPGSQPRTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQDSENNQVPLSKQ\*VVHVMQPLQIAAIVALVVVAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDVDDL\*CYRHKQIVGHSLLWGTCVERSNHHFILCIRC\*ST\*YRGA\*CLGHTCLCTHRP\*PTRNGNEKCDRKL\*HVEK\*HGRTDA\*\*YNQFMGSKPKAMCKINPTLCYPKLH\*LE\*YY\*CH\*HNY\*CH\*HGRRRNKKMLFPT\*KRKGGKRICTFS\*T\*FRTNK\*DQQ\*YQL\*VDKL\*HLSHNTGMSEGILGTNSYTLLCPGWFCDSKV\*Q\*DVQWNRTM\*KCQHSTMYTWN\*ANSINSIVVKWQPSRRRGSN\*I\*KFHKQC\*NHNSTAECSCRN\*LYKTRQQYKKKHTYGTRESILYNRRGNRRYKKSTL\*G\*\*SKMGEHFKTDRYKIKRTISK\*NNSL\*SIIRGGPRNYNAHF\*LCRGIFLL\*YNTTVQ\*YLEFNTT\*S\*\*LFEYQ\*YCYYHTPMQNKTNYKHVAESRKSNVCPSH\*RTH\*VFIKYYRTAINKRWW\*RERV\*DLQAWRRRYEG\*LEKRII\*I\*SSKS\*TIRNSTHQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAKQFADGY\*GATAYVATHSLGH\*AASGKSPGYRKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IFG\*NLG\*HDLDGVGEGN\*\*LHKLNIHST\*RIAVPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHHDSRRLSRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSPEGTRQARRNRRRRWRERQRNIRTI

>B.2003.DQ383748.-

MEPVDPKLEPWNHPGSQPKTACNNCYCKKCCLHCPVCFTKKGLGISYGRKKRKQRRRAHPDSQNHQVSLSKQ\*VIYVMQSLHIVAIVALVVAAIIAIIVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNDSEGDQEELSSLVERGHHAPWDIDDL\*CCGTIVGHCLLWGTCMERS\*HHSILCIRC\*NI\*NRGT\*YLGHTCLCTHRPQPTRSRIECDRNF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLQ\*Y\*YPEYH\*GDREIRNKKLLFQYYHKHKR\*SAERICTFL\*T\*CSTNR\*\*\*Y\*V\*VDKL\*HLSHYTSLSEGNL\*ANSYTLLCPGWFCASKM\*G\*EV\*WNRTMYKCQHSTMYTWN\*TSSINATAVKWQSSRRRDSN\*ICQFLRQC\*NHNSTAE\*VCSN\*LYKTPQQHKKKYTYRTRESILYNRRNNRRYKTSTL\*H\*\*SKME\*NFKTDNYKIRRAI\*E\*NSSL\*FLLRRGPRN\*DAQF\*LWRGVFLL\*YNKTV\*\*\*YLE\*H\*GVK\*HYIHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*LFIKYYRAAINKRWWDRGEGDLQTWRRRYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEKSGAKREKSSGNRSPVPWVLRSSRKHYGRSVADADGTGQTIIVWYSATAEQYAEGY\*GATAYVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGLLWKTHLHH\*CTLEY\*LE\*\*NFK\*YLE\*HDLDGVGERN\*QLHKPDIHLN\*GSAKPARKE\*TRIIGIR\*MGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFFCTFHSE\*S\*EGILTIIVSDPLPSPEGTRQARRNGRRRWRERQRHIRSV

>B.2003.DQ383749.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCLHCQVCFTKKALGISYGRKKRGRRRRPPQDCQTNQENLSKQ\*VVYVMQPLHIAAIVGLVVAAIIAIVVWTIVLIEYRKILRQRKIDRLLDRIRERAEDSGNESDGDQEELAALVEMGNDAPWDVDDL\*CWRTIVGYSLLWGTCVERSNHHSILCIRC\*RI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*YVEKQHGRTDA\*GYNQFMGGKPKAMCKINPTLCYFTLH\*CE\*Y\*GQ\*\*YYWE\*LGHAGGRRNDKLLFQYHLKHKR\*VAERICTFL\*T\*CSTNR\*\*\*\*\*\*\*YQL\*VDKL\*YLSRYTSLS\*DIF\*ANSHTLLCPGWFCNSKV\*\*\*KVQWNRTMYKCQHSTVYTWNQASSINPTAVKWQSSRRRDSN\*V\*KFHKQC\*NHNSTAEHICRNKLYKTQQQHKKEYTYRTREIIIYNRNNRKYKKGILYH\*\*HKME\*YFTTDKYKTKRTI\*E\*NNSL\*SILRRGPRNYDAHP\*LWRGIFLL\*YITTV\*\*YLALEWECDYR\*YYRSKYHTPMQNKTNYKHVAGSRKSNVCPSY\*RTN\*MFIKYYRAAINKRWWS\*RDQRH\*DLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRNSTHHGKEKSGAEREKSNNNRSYVTWFLGNSRKHYGRSVNHADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPM\*STAPRDLGLLWKTHLPHYCALEY\*LE\*\*ISG\*DLE\*HDMDGVGEGN\*QLHEHNILLT\*TITNPTRNE\*KRIIRIR\*MGKFVELV\*HNKLAMVYKNIHNDSRRLDRFKNSFYCTFYSE\*G\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRRI

>B.2004.DQ383751.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCYHCQKCFLTKGLGIFYGRKNRRQRRRAPPNSQAHQASLPKQ\*VLLVMQALNILTIVAFVVVTIIVIVVWTLVFIXYRKILRQRRIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDIHDL\*YCRRCRKKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSILEKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKTNPTLCYFKLH\*LRREYY\*CWEYY\*YY\*YCKPYC\*YRNEKLLFQCHHRPKR\*GEEKLCTFL\*P\*CSTNRK\*KYQL\*IDKL\*HLNHYTGLSKGIL\*ANSHTLLCSSWFCTSKV\*Q\*DI\*RNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*ICQFLR\*Y\*NHNSTAEQSCKN\*LYKAQQQYKKKYTHRTRESILYNRRNNRRYKRCTLQH\*\*SRMEYHFKTDSYKIKRTIQEYNNSL\*\*FFRRGPRNCNAQF\*LWGGIFLL\*YNTTV\*\*CLE\*Y\*YKQN\*RVKQHRKWHYHTPMQNKTNYKPVAGSRKSNVCPSHQWTN\*LFIKYYRVAINKRWG\*W\*\*HKQDRDLQTWRRKYEGQLEK\*II\*I\*SSKS\*TIRNSTHHGKEKSGAKRKKSSGNRSVVPWVLGSSRKHYGRSVNNADGTGQTTIVWYSATAK\*FAESY\*SATAYVAAHSLGHQAAPGESPGCGKIPTGSTTPGNLGLLWKTHLHHCCALEQ\*LE\*\*ISGVYLE\*HDLDAVGKGN\*QLHRLNIQFT\*KVPEPTREK\*TRIIGAR\*MGKLVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCCNFYSKES\*GGIFTFIVSDPLPSPEGTRQARRNRRRRWRARQIQIQSI

>B.2004.DQ383752.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFVTKGLGISYGRKKRRQRRRPPQDSQTHQVPLSKQ\*VVHVMIPLQIAATAALVIVGIIAIVVWAIVLIEYRKILRQRKIDRLLDRILERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*C\*PTVGHSLLWGTCVERSDHYSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*XTRSTIXKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCKINTTLCYFELH\*LEK\*CY\*\*YQNQQ\*\*FGNDGGTNKKLLFQYHLKDRK\*SAKRXCTL\*\*P\*CSTNR\*GAKLYVNKL\*HLSHYSGLSKGIL\*TNSNTFLYPSWFCDSKV\*\*\*EV\*WNRTLYKCQYSTMYPWN\*TSGVNSTAVKW\*FSRRRHSN\*I\*KFYKQC\*NYNSAAERNCRN\*LYKTQQQYKKKCTYRARESILCNRRNNRRYKTSTL\*H\*\*RKMEQHFKTAS\*KIKGTI\*YDNSNL\*SLLRRGSRNCNAHF\*LWRGIFLL\*YNTVV\*\*YLA\*G\*\*\*\*RVQCK\*KYHTPMQNKTNYQ\*VAGSGKSNVCPSHQRTN\*MFIKYYRAVINKRWW\*WERVQTK\*NLQTWRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHRGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GXTAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLGEHDLDGVG\*RN\*QLHRLNIQXA\*RIAKPTRKE\*TRLIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSX\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRQIQTL

>B.2003.DQ396398.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKGLGIVYGRKKRRQRRRAPQDSETHQVPLPKQ\*VVNVMQSLVIVAIVALVIVAIIAIVVWSIVLIEYRKILRQRKIDRLIKRIAERAEDSGNESEGDLEQLSALVEMGHDAPWDVDDL\*CCRSIMGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAYRPQPTRSSIGECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLHSIE\*S\*\*HGNQ\*\*\*WGRNKKLLFQCHHRKKR\*DEERICIVS\*T\*YNTNK\*\*Y\*\*Y\*LYDKKL\*HLSHYTGLSKSNL\*ANSHTLLCPGWFCNSKV\*R\*EVQWNRAMFKCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*I\*KHHKQC\*NHNSTAE\*ICSN\*LYKTQLH\*KKKNTTYRTRESILYSTHKRRYKTSPL\*H\*\*NRMGKSFNKGS\*KIKRTIWE\*NNSL\*KFLRRGSRNCNAQF\*L\*RGILLL\*YNTTIQWELGWQMVKQL\*MVKQH\*TKYQTPMQNKTIYKHVAGSRKSNVCPSRRRAN\*MFIKYYRADLNKRWWY\*\*HK\*\*\*DLQTWRRRYEGQLEK\*II\*I\*SCKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTG\*TINVWYSATAKQLAEGY\*GATAYVATHSLGHKTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEF\*LE\*\*ICK\*HLEQHDLDAVGKRN\*QLH\*RNIQLN\*RIAEPARQE\*TGIIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLDRVKNSFYCSVYSE\*S\*AGILTNIVADPPPSQEGTRQARRNRRRRWRERQRQIQSI

>B.1993.DQ487188.asymptomatic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPPDSQTHQVSLPKQ\*VVYVMQSLIILAIVALVVAAILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEQLSALMERGHMEMGHHAPWDINDL\*CYRKIVGHSLLWGTCMERSNHHSILCIRC\*SI\*DRGT\*CMGHTCLCTHRPQPTRSTLERDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCYFKLY\*CYY\*\*\*EYYCWYHY\*\*RGKDGARRDKKLLFPCHLRHKRQVAERVCAFL\*T\*FNTNK\*N\*N\*YY\*H\*YY\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*R\*EIQWNRTMSKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IQKFHGQCKSHNSTAE\*SCKN\*LYKTRQQYKKKYTYRTRQSIFYNRNNRRYKKSTLYP\*\*NTXE\*HFKTDSYKIKRTIWE\*NNSL\*\*ILRRGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*YLE\*YLDWE\*YLVK\*H\*KK\*YNHTPMQNKTNYKHVAGSRKSNVCPSHQRKHYLFIKYYRANINKRWW\*\*Q\*HERD\*DLQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGHRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALE\*\*LG\*\*LE\*\*N\*\*TSGGHLE\*PDLDAVGKRN\*\*LHKLYIHLN\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNKMAVVYKNIHNDSRRLGRIKNSFFCNFYSE\*S\*AGILTIVVPDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.1995.DQ487189.-

MKPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPSDSQTHQVSLPKQ\*VAYVMQPLIILAIVALVVAAILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEQLAALVERGHMEMGHHAPWDINDL\*CYRKLVGHSLLWGTCVERSKHHSILCIRC\*SI\*DRGT\*CMGHTCLCTHRPQPTRSRLERERKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCYFKLY\*CY\*Y\*Q\*HSHYY\*HHY\*\*RGKDGARRDTKLLFPCHLRHKRQVAERVCTFL\*T\*FNTNK\*N\*N\*\*Y\*H\*CY\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EIQWNRTMSKCQHSTMYTWN\*ASSINSTAVKWQSSKRRGSN\*IQEFHGQCKSHNSTAE\*ICNN\*LYKARQQYKKRDTYGTRQSIFYNRNNRRYKKRTLYP\*WNTME\*HLKTDSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQL\*LWRGVFLL\*YNTTV\*\*YLEXXXYXECQ\*RXXHNHTPMQNKTNYKHVAGSRKSNVCPSHQRKYYLFIKYYRANINKRWW\*\*Q\*HKRD\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGHRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGXSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEX\*LEW\*VEE\*ISGGHLE\*PDLDAVGKRN\*QCHRLYIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*YNKMAVVYKNIHNDSRRLGRIKNSFFCXFYSE\*S\*AGILTIVVPDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.1993.DQ487190.asymptomatic

MEPVDPKLEPWEHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVYVMQPIQIAAIVALVVVTIIAIVVWSIVFIEYRKILRQRKIDSLIDRIRERAEDSGNESDGDQEQLSALMEMGHDAPWDINDL\*C\*RKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CMGHTCLCTHRPQPTRSILGGKCDRKF\*HVEE\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*L\*\*YHW\*YY\*YHYY\*YH\*\*\*LGKDGERRDKKLLFQYHHKHKR\*DAERICAFL\*T\*YSTNRK\*\*\*Y\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IQQFHGQYKNHNSTAG\*SCSN\*LFKTQQQYKKRYTYRTRQSILYNRRNNRRYKKSIL\*H\*\*STME\*HFNKDSHKIRRTI\*E\*NNSL\*SLLRRGPRNCNAHF\*LWRGIFLL\*CNTTV\*\*YLE\*Y\*RLE\*Y\*RFN\*R\*WK\*HNHTPMQNKTDCKHVAGSRKSNVCPSHQRTD\*MFIKYYRAAINKRWW\*RHQ\*RQ\*DLQTWGRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSGHRSFVPWVLGSSRKHYGRSVHDADGTGQTIIVWYSATAE\*FAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*IL\*\*DLGEHDLDAVGKRN\*\*LHRLNIQLN\*KIAKPTRKE\*TRIIGIR\*MGKFVDLV\*HNKLAVVYKNIHNDNRRLGRFKNSFCCTFYSE\*S\*AGILTIVVPDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.1996.DQ487191.asymptomatic

MEPVDPKLEPWEHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVYVMQPIQIAAIVALVVVTIIAIVVWSIVFIEYRKILRQRKIDSLIDRIRERAEDSGNESDGDQEQLSALMEMGHDAPWDINDL\*C\*RKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CMGHTCLCTHRPQPTRSILGGKCDRKF\*HVEE\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKVH\*L\*\*YHW\*YY\*DHYY\*YH\*\*\*LGKDG\*RRDKKLLFQYHHKHKR\*DAERICAFL\*T\*YSTNR\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IQQFHGQYKNHNSTVEXICSN\*LCKTQQQYKERYTYRTRQSILCNRRNNRKYKKSTLYP\*\*SKME\*HFKPDSHKIKRTI\*E\*NNSL\*SXRRRGPRNCNAHF\*LWRGIFLL\*FNTTV\*\*YLE\*Y\*RVK\*NGRK\*HNHTPMQNKTNYKHVAGSGKSNVCPSHQRTN\*MFIKYYRAALNKRWW\*GQ\*QHHRDLQTWRRRYEGQLEK\*II\*I\*SSRN\*TIRSSTHQGKEKSGAERKKSSSGPRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*IL\*\*DLGEHDLDAVGKRN\*\*LHRLNIQLN\*KIAKPTRKE\*TRIIGIR\*MGKFVDLV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIVVPDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.2005.DQ672623.-

MEPVDPNLEPWKHPGSQPKTACTTCYCKKCCYHCQYCFTSKGLGISYGRKKRRQRRRAPQDSPTDQVSLSKQ\*VVHVMQPLGIVAIVALVVAIIIAIVVWSIVLIEYRRILRQRRINRLIDRLIERAEDSGNESEGDQEEISALVEMVVGHDAPWVINDL\*C\*RRLVGNSLLWGTCVEGSNHHSILCIRCIRI\*YRGT\*CLGHTCLCTHKPRPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCCFKLH\*FRNEKLLFQCHQQHRKNGERICTSL\*I\*YSTNR\*L\*HQL\*VDKL\*HHSHYTGLSKDIL\*ANSHTLLCPSWFCDSKV\*R\*KVQWIRTMYKCQHSTMYTWN\*ASSVNSITVKWQSSRRRGSN\*VCKFLGQY\*NHNSTAEQNCNN\*LYKTR\*QYKKKHTYGTRESMVYNRRNSRKCKTSTL\*P\*\*NSLE\*HSKTGS\*KIKRTISKENNSL\*SIRRRGPGNCNAQF\*LWRGVFLLQFNTIV\*\*YLDHSPMQNKANCKHVAGSRKSNVCPSHKRMD\*LFIRYYRVAINKRWR\*\*\*\*H\*DLQNRGRRYEGQLEK\*IIQI\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAKQFAESY\*GATAYIATLSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHFCALEY\*LE\*\*NSESDLG\*HDLDAVGKRN\*QLHKLDIHLT\*GIANPARKE\*ARIMRMR\*MGKCVEWV\*HNTVAVVYKNIHNDSRMLDRFKSSFCCAFYSE\*G\*AGVLTIIVPDPFRSPTGTRQARRNRRRRWREKQRWIQSL

>B.2003.DQ676870.acute\_infection

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFTKKALGISYGRKKRRQRRRAPQDSETHQASLSKQ\*VVNVMQSLSILAIVGLVVAGILAIVVWTIVGIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVERGHLAPMDIDDL\*CCRSVVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGTQCLGHTCLCAHRPQPTRSNITKCDRIF\*HVEK\*YGRTDARRCNQSMGSKLKAMCTINSTMCYFKLH\*CQY\*\*\*CYYDQY\*Y\*WGNR\*RRNKKLFFXYHHKHKR\*VSRICTFL\*T\*YSTNR\*R\*\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWXCDFKX\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSNNSTAVKWQSSRRRGGN\*ICQFLEQC\*NHNSTAK\*IYNNDLCETPQQYKEKYTHRTRESMVCNRRNNRKYKTSTL\*SE\*SKLDCHFKKGSYKIKRTIWE\*NNSL\*SLLRRGPRNCNAQSQLWRGILLL\*YNTTV\*\*YLGV\*\*YFK\*Y\*RXKWXYHTXMQNKTDYKHVAEXRKSNVCPSHQRTN\*MXIKYYRAAINKRWW\*RE\*DQ\*HRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWILGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAESY\*GATASVSTHSLGH\*AAPGKSPGCGKISKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*XPXRDLGKHDLDAXGKRN\*QLHRSNIHLT\*XIADPTRKE\*TRLIXIRXVGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCXFYSKQS\*AGVLTIXXADPPPSQEGTRQARRNRRRRWRQRQRQIHSI

>B.2004.DQ676871.asymptomatic

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFTKKALGISYGRKKRRQRRRAPQDSETXQASLSKQ\*VVNVMQSLXILAIVGLVVAGILAIVVWTIVXIEYRKILRQRKIDRLIDRIXERAEDSGNESEGDQEELSALVERGHLAPMDIXDL\*CCRSIVGHSLLWGTCVEXSNHHSILCIRC\*SI\*XRGTQCLGHTCLCAHRPQPTRSXITKCDRIF\*HVEK\*YGRTDARRCNQSMGSKLKAMCTINSTXCYFXLH\*CQY\*X\*CYYDQY\*Y\*WGNR\*RRNKKLFFQYHHKHKR\*VSERICTFL\*T\*YSTNKX\*\*Y\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWICDFKM\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSNNSTAVKWQSSRRRGGN\*ICQFLEQC\*NHNSTAK\*IYNNDLCETPQQYKEKYTHRTRESMVCNRRXNRXYKTSTL\*SE\*SKLDCHFKKGSYKIKRTIWE\*NNSL\*SLLRRGPRNCNAQSQLWRGILLL\*YNTTX\*\*YLGV\*\*YFK\*Y\*RIKWNYHTPMQNKTDYKHVAEGRKSNVCPSHQRTN\*XLIKYYRAAINKRWW\*XE\*DQ\*HRDLXTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWILGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAESY\*GATASVSTHSLGH\*AAPGKSPGCGKISKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*XPXRDLGKHDLDAXGKRN\*QLHRSNIHLT\*XIADPTRKE\*TRLIXIRXVGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCAFYSKQS\*AGVLTIXXADPPPSQEGTRQARRNRRRRWRQRQRQIHSI

>B.2002.DQ676874.acute\_infection

MEPVDPRLEPWEHPGSQPKTACTNCYCKRCCFHCQVCFTRKGLGISYGRKKRRQRRRAPEDRQNHQVSLSKQ\*VVYVMIPLQIAAIAALIVTAIIAIVVWTIVGIEYRKILRQRKIDRLLDRIAERAEDSGNESEGDQDELATLVEMGHHNPGYVDDL\*CSRQIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPEAMCKINPTLCYFRM\*\*\*CKYY\*YYL\*H\*\*\*CERDEERNEELLFQYHHKHKR\*DAESICNFL\*T\*CSTNR\*\*\*Y\*\*\*\*LL\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRKRHSN\*I\*KFHRQY\*DHNSTVE\*ICSN\*LYKTQQQYNKRYTYRTRESILYNRTNNGRYKTSTL\*S\*\*IRME\*NAKRDSYKIKRKIQ\*NNSL\*EFLWRGPRNCNAQF\*LWRGIFLL\*FNTIV\*\*YLE\*YKPV\*\*HLGCYKTAQ\*HSE\*NCK\*KYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTN\*MFNEYYRGVVNKRWGYRNPERERDLQTWRRKYEGQLEK\*II\*I\*SSTN\*TSRSSTHQGKEKSGAEREKSSGNNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGPTAPRDLGLLWKTHLHHCCALEC\*LE\*X\*IFE\*HLG\*HDLDAVGKXN\*QLYRHNIQLT\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCNFSSK\*S\*GGIFTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIHTL

>B.2003.DQ676875.asymptomatic

MEPVDPRLEPWEHPGSQPKTACTNCYCKRCCFHCQVCFTRKGLGISYGRKKRRQRRRAPEDRQNHQVSLSKQ\*VVYVMIPLQIAAIAALIVTAIIAIVVWTIVGIEYRKILRQRKIDRLLDRIAERAEDSGNESEGDQDELATLVEMGHHNPGYVDDL\*CSRQIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPEAMCKINPTLCYFRM\*\*\*CKYY\*YYL\*H\*\*\*CXRDEERNEELLFQYHHKHKR\*DAESICNFL\*T\*CSTNR\*\*\*Y\*\*\*\*LL\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRKRHSN\*I\*KFHRQY\*DHNSTVE\*ICSN\*LYKTQQQYNKRYTYRTRESILYNRTNNGRYKTSTL\*S\*\*IRME\*NAKRDSYKIKRKIQ\*NNSL\*EFLWRGPRNCNAQF\*LWRGIFLL\*FNTIV\*\*YLE\*YKPV\*\*HLGCYKTAQ\*HSE\*NCK\*KYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTN\*MFNEYYRGVVNKRWGXRNPERXRDLQTWRRKYEGQLEK\*II\*I\*SSTN\*TSRSXTHQGKEKSGAEREKSSGNNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGPTAPRDLGLLWKTHLHHCCALEC\*LX\*E\*IFE\*HLG\*HDLDAVGKRN\*QLYRHNIQLT\*RIAKPTRKE\*TRIIGIR\*MGKFVXLV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCNFSSK\*S\*GGIFTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIHTL

>B.2003.DQ676876.asymptomatic

MEPVDPRLEPWEHPGSQPKTACTNCYCKRCCFHCQVCFTRKGLGISYGRKKRRQRRRAPEDRQNHQVSLSKQ\*VVYVMIPLQIAAIAALIVTAIIAIVVWTIVGIEYRKILRQRKIDRLLDRIAERAEDSGNESEGDQDELATLVEMGHHNPGYVDDL\*CSRQIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPEAMCKINPTLCYFXM\*X\*CKYY\*YYL\*H\*\*\*CERDEERNEELLFQYHHKHKR\*DAESICNFL\*T\*CSTNR\*\*\*Y\*\*\*\*LL\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRKRHSN\*I\*KFHRQY\*DHNSTVE\*ICSN\*LYKTQQQYNKRYTYRTRESILYNRTNNGRYKTSTL\*S\*\*IRME\*NAKRDSYKIKRKIQYNNSL\*EFLWRGPRNCNAQF\*LWRGIFLL\*FNTIV\*\*YLE\*YKPV\*\*HLG\*HSE\*NCK\*KYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTN\*MFNEYYRGVVNKRXG\*RERDLQXWRRKYEGQLEK\*II\*I\*SSTN\*TSRSSTHQGKEKSGAEREKSSGNNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGPTAPRDLGLLWKTHLHHCCALEC\*LE\*E\*IFE\*HLG\*HDLDAVGKRN\*QLYRHNIQLT\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCNFSSK\*S\*GGIFTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIHTL

>B.2003.DQ676877.acute\_infection

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFIQKGLGISYGRKKRRQRRRSPQGSKTHQAYLPKQ\*VVNVMQPLEISAIAALVIAAIIAIVVWTIVLIEYRKILRQRKIDRLIKRIAERAEDSGNESEGDQEELSALVVEMGHDAPWDVNDL\*CSRQLVGHSLLWGACMERSNHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*YWGE\*Y\*\*QY\*\*Q\*\*YWGTDGDRRHKKLHFQCHHKHTR\*EAGRICTFL\*A\*CSINRGK\*Y\*L\*INKL\*YFSHYTGLSKGIL\*SNSHTLLCPGWFCDSKV\*Q\*NVQWKRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*QFHKQC\*NHNSTAE\*ICRN\*LYETQQQYKKKYTYRTRESILCNRRYNRKYKKSILYH\*SNKME\*HAKTSSWKIKRTISE\*NNSL\*TILWRGSRNCNAQF\*LWRGVFLLQFNTTV\*QYLE\*Y\*RGK\*QYRK\*HNHTPM\*NKTNCKHVAEGRKSNVCPSHPRSN\*LFIKYYRATINERWW\*\*DQHHH\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAKRKKSGGNARSYVPWVLGSSRKHYGRSVNDADGTGQTITVWYSATAEQYAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPTGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*KSE\*YLGYHDLDAVGQRS\*QLHKSNIHIT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCTFNSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRARQKQIHTI

>B.2003.DQ676878.asymptomatic

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFIQKGLGISYGRKKRRQRRRSPQGSKTHQAYLPKQ\*VVNVMQPLEISAIAALVIAAIIAIVVWTIVLIEYRKILRQRKIDRLIKRIAERAEDSGNESEGDQEELSALVVEMGHDAPWDVNDL\*CSRQLVGHSLLWGACMERSNHHSILCIRC\*SICYRGT\*CLGHTCLCXHRPQPTRSKIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*YWGE\*Y\*\*QY\*\*Q\*\*YWGTDGDRRHKKLHFQCHHKHTR\*EAGRICTFL\*A\*CSINRGK\*Y\*X\*INKL\*YFSHYTGLSKGIL\*SNSHTLLCPGWFCDSKV\*Q\*NVQWKRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*QFHKQC\*NHNSTAE\*ICRN\*LYETQQQYKKKYTYRTRESILCNRRYNRXYKKSILYH\*SNKME\*HAKTSSWKIKRTISE\*NNSLXXILWRGSRNCNAQF\*LWRGVFLLQFNTTV\*QYLE\*Y\*RGK\*QYRK\*HXHTPM\*NKTNCKXVAEGRKSNVXPSHPRSN\*LFIKYYRATINERWW\*XDQHHH\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAKRKKSGGNARSYVPWVLGSSRKHYGRSVNDADGTGQTITVWYSATAEQYAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPTGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*KSE\*YLGYHDLDAVGQRS\*QLHKSNIHIT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCTFNSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRARQKQIXTX

>B.2004.DQ676879.asymptomatic

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFIQKGLGISYGRKKRRQRRRSPQGSKTHQAYLPKQ\*VVNVMQPLEISAIAALVIAAIIAIVVWTIVLIEYXKILRQXKIDRXIXRIAERAEDSGNESEGDQEELSALVVEXGHDAPXDVNDX\*CSRQLVXHSLLXGACXERSNHHSILCIRC\*SIXYRXT\*CLGHTCLCTHRPQPTRSKIXKCDRKF\*HVEK\*HGRTDA\*GYNQLXXSKPKAMCKINPTLCYFKLH\*YWGE\*Y\*\*QY\*\*Q\*\*YXXTDXDRRHKKLHFQCHHKHTR\*EAGRICTFL\*A\*CSINRGK\*Y\*L\*INKL\*YFSHYXGLSKGIL\*SNSHTLLCPGWFCDSKV\*Q\*NVQWKRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*QFHKQC\*NHNSTAE\*ICRN\*LYETQQQYKKKYTYRTRESILCNRXYNRRYKKSILYH\*SNKME\*HAKTSSWKIKRTISE\*NNSL\*PILWRGSRNCXAQF\*LWRGVFLLQFNTTV\*QYLE\*Y\*RGK\*QYRK\*PNHTPM\*NKTNCKXVAEGRKSNVCPSHPRSN\*LFIKYYRATINERWW\*WW\*WDQHHH\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAKRKKSGGNARSYVPWVLGSSRKHYGRSVNDADGTGQTITVWYSATAEQYAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPTGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*KSE\*YLGXHDLDAVGQRS\*QLHKSNIHIT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCTFNSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRARQKQIXTX

>B.2003.DQ676880.acute\_infection

MEPVDPSLEPWKHPGSQPKTACTKCYCKRCCLHCQVCFIQKGLGISHGRKKRRQRRRPPQDSKTHQASLPKQ\*VVHVMQPLVIAAIVALVIVAILAIVVWTIVIIEYRKILRQGKIDKLISRIAERAEDSGNESEGDQEELAALVVEMGHHAPWDVDDL\*YSRQLVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRLEKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFTLH\*\*Y\*\*Y\*\*Q\*YY\*KQ\*D\*Y\*\*GNKRRNKKLLFQYHHKHKR\*DAERICTFV\*A\*CSINRWK\*Y\*L\*INKL\*YFSHYTGLSKGIL\*SNSHTLLCPGWFCDSKV\*Q\*NIQWKRTMYKCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*I\*QFHKQC\*NHNSTAE\*ICTN\*LYKTQQQYKKKYIYRTGESILCNWRYNRKYKKSILYH\*ENKMGKHAKTSS\*KIKRTI\*E\*NNSLR\*ILWRGSRN\*NAQF\*LWRGIFLL\*YSTTV\*\*YLEWY\*RVKQRYRT\*HKYHTPM\*NKTNCKQVARSRKSNVCPSHPRSN\*LCIKYYRVTINERWW\*\*DQHHH\*DFQTCRRRYEGQLEK\*II\*I\*GSKN\*TIGSSTHQGKEKSGAKRKKSGGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQYAEGY\*GATASVATHSLGHQAAPGKSPSCGKIPKGSTAPRNLGLLWKTHLHHCCTLEY\*LE\*\*KSE\*HLG\*HDLDGVGKRN\*QLHRPNIHIT\*RIAEPTRKE\*TRIVGIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCTFNSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRARQRQIRTI

>B.2003.DQ676881.asymptomatic

MEPVDPSLEPWKHPGSQPKTACTKCYCKRCCXHCQVCFXXKGLGISYGRKKRRQRRRPPQDSKTHQASLPEQ\*VVHVMQPLVIAAIVALVIVAILAIVVWTIVIIEYRKILRQRKIDKLISRIAERAEDSGNESEGDQEELAALVVEMGHHAPWDVDDL\*YSRQLVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRLEKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFTLH\*XYX\*Y\*\*Q\*YY\*KQ\*D\*Y\*\*GNKRRNKKLLFQYHHKHKR\*DAERICTFV\*A\*CSINRWK\*Y\*L\*INKL\*YFSXYTGLSKGIL\*SNSHTLLCPGWFCDSKV\*Q\*NIQWKRTMYKCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*I\*QFHKQC\*NHNSTAE\*ICTN\*LYKTQQQYKKKXXYRTGESILCNWRYNRKYKKSILYH\*ENKMGKHAKTSS\*KIKRTI\*E\*NNSLQ\*ILWRGSRN\*NAQF\*LWRGIFLL\*YSTTV\*\*YLEXY\*RVKQRYRT\*Q\*HKYHTPM\*NKTNCKQVARSRKSNVCPSHPRSN\*LCIKYYRVTINERWW\*\*DXHHXDFQTCRRRYEGQLEK\*II\*I\*GSKN\*TIGSSTHQGKEKSGAKRKKSGGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQYAEGY\*GATASVATHSLGHQAAPGKSPSCGKIPKGSTAPRNLGLLWKTHLHHCCTLEY\*LE\*\*KSE\*HLG\*HDLDGVGKRN\*QLHXPNIHIT\*RIAEPTRKE\*TRIVGIG\*VGKFVELV\*HIKLAVVYKNIHXDSRRLDRFKNSFCCTFNSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRARQRQLHKI

>B.2004.DQ676882.asymptomatic

MEPVDPSLEPWKHPGSQPKTACTXCYCKRCCXHCQVCFXXKGLGISYGRKKRRQRRRPPQDSKTHQASLPEQ\*VVHVMQPLVIAAIVALVIVAILAIVVWTIVIIEYRKILRQRKIDKLISRIAERAEDSGNESEGDQEELAALVVEMGHHAPWDVDDL\*YSRQLVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRXEKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFXLH\*D\*\*Y\*\*Q\*YY\*KQ\*D\*X\*\*GNKRNKKLLFQYHHKHKR\*DAERICTFV\*A\*CSINRWK\*Y\*LXINKL\*YFSHYTGLSKGIL\*SNSHTLLCPGWFCDSKV\*Q\*NIQWKRTMYKCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*I\*QFHKQC\*NHNSTAE\*ICTN\*LYKTQQQYKKKHXYRTGESILCNWRYNRXXKKSILYH\*XNKMGKHAKTSS\*KIKRTI\*E\*NNSLQ\*ILWRGSRN\*NAQF\*LWRGIFLL\*YSTTV\*\*YLEXY\*RVKQRYRT\*Q\*HKYHTXM\*NKTNCKQVARSRKSNVCPSHPRXN\*LCIKYYRVTINERWW\*\*DXHXXDFQTCRRRYEGQLEK\*II\*I\*GSKN\*TIGSSTHQGKEKSGAKRKKSGGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQYAEGY\*GATASVATHSLGHQAAPGKSPSCGKIPKGSTAPRNLGLLWKTHLHHCCTLEY\*LE\*\*KSE\*HLG\*HDLDGVGKRN\*QLHXXNIXXT\*RIAEPTRKE\*TRIVGIG\*VGKFVELV\*HIKLAVVYKNIHXDSRRLDRFKNSFCCTFNSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRARQRHLHKI

>B.2002.DQ676883.acute\_infection

MDPVDPRLEPWKHPGSQPKTPCTNCYCKQCCFHCQVCFIRKGLGISYGRKKRRQQRRRAPEGSQTHQASLSKQ\*VVHVMSPLEISAIVALVVAVILAIVVWTIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEDLAMLVEMGHHAPWDVDDL\*CXRTIVGHSLLWGTCVERSNHHSILCIRC\*SLC\*RGT\*CMGHTCLCTHRPRPTRSSNGKCDRXF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*SL\*EWY\*\*Y\*\*Y\*YQL\*\*Y\*\*EGERRNKKLLFQCYHKHKR\*DEERTCTFLCT\*CSANRGR\*Y\*L\*INKL\*YLSHYTGLXKGNL\*TNSHTLLCPGWFCDSKV\*Q\*RIHWKRTMYKCQYSAMYTWN\*ASSVNSXAVKWQSSRR\*CSN\*I\*QFLRQC\*SHNSTAE\*XYIN\*LYKTQQQYKKKYTYRTRESILCNRRHNRRYKTSTL\*P\*\*NRME\*NARTDS\*KIKITIWE\*NNKL\*SILWRGSRNCNAQF\*LWRGIFLL\*YNTTI\*\*XLAT\*XYXE\*Y\*SI\*\*LYRQ\*QYHTPM\*NKTSCKPMAGSRKSNVCPSHQRIH\*M\*LKYYRADINKRWWYGQRNQQYCRDLQTWRRXYEGQLEK\*II\*I\*SSKN\*TIRNSTYQGEEKSGAERKKSSGNDRSYVPWVLXSSRKHYGRSVTNADGTGQTIIVWYSATAEQSAEGY\*GATAFVATHGLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHLCALEW\*LE\*\*ISE\*HLG\*HDLDAVGKRD\*QLHRLNIQLT\*RIAEPTRKE\*TRIIGIRQVGKFVELV\*HNTVAVVYKNIHNDSRRFGRFKNSFCCTFSSKQS\*AGILTIIISDPPPNPEGTRQXRRNRRRRWRARQRQIHSL

>B.2003.DQ676884.asymptomatic

MDPVDPRLEPWKHPGSQPKTPCTNCYCKQCCFHCQVCFIRKGLGISYGRKKRRQRRRAPEGSQTHQASLSKQ\*VXHVMSPLEISAIVALVVAVILAIVVWTIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEDLAMLVEMGHHAPWDVDDL\*CKRTICKRTIVGHSLLWGTCVERSNHHSILCIRC\*SLC\*RGT\*CMGHTCLCTHRPXPTRSSNRKCDRXF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LL\*EWY\*\*Y\*\*X\*YQL\*\*Y\*\*EGERRNKKLLFQCYHKHKR\*DXERTCTFLCT\*CSANRGR\*Y\*L\*INKL\*YLSHYTGLXKGNL\*TNSHTLLCPGWFCDSKV\*R\*RIHWKRTMYKCQYSAMYTWN\*ASSVNSIAVKWQSSRR\*CXN\*I\*QFLRQC\*SHNSTAE\*NYIN\*LYKTQQQYKKKYTYRTRESILCNRRHNRRYKTSTL\*P\*\*NRMEXNARTDS\*KIKITIXE\*NNKL\*SILWRGSRNCNAQF\*LWRGIFLL\*YNTTI\*\*\*LAT\*\*Y\*E\*YRQ\*QYHTPM\*NKTSCKPMAGSRKSNVCPSHQRIH\*M\*LKYYRADINKRWWYGQRNQQYCRDLQTWRRXYEGQLEK\*II\*I\*SSKN\*TIRNSTYQGEEKSGAERKKSSGNDRSYVPWVLGSSRXHYGRSVTNADXTGQTIIVWYSATAEQSAEGY\*GATAFVATHGLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHLCALEW\*LE\*\*ISG\*HLG\*HDLDAVGKRD\*QLHRLNIQLT\*KIAEPTRKE\*TRIIGIRQVGKFVELV\*HNTVAVVYKNIHNDSRRFGRFKNSFCCTFXSKQS\*AGILTIIISDPPPNPEGTRQARRNRRRRWRARQRQIHSL

>B.2003.DQ676885.asymptomatic

MDPVDPRLEPWKHPGSQPKTPCTNCYCKQCCFHCQVCFIRKGLGISYGRKKRRQRRRAPEXSQTHQASLSKQ\*VXHVMSPLEISAIVALVVAXILAIVVWTIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEDLAMLVEMGHHAPWDVDDL\*CTRTI\*XRTIVGHSLLWGTCVERSNHHSILCIRC\*XLC\*RGT\*CMGHTCLCTHRPQPTRSSNRKCDRXF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAXCKINSTLCYFKLH\*LL\*EWY\*\*Y\*\*X\*YXL\*\*X\*\*EGERRNEKLLFQCYHKHKR\*DKERTCTFLCT\*CSANRGR\*Y\*L\*INKL\*YLSHYTGLXKGNL\*TNSHTLLXPGWFCDSKV\*R\*RIHWKRTM\*KCQYSAMYTWN\*ASSVNSIAVKWQSSRR\*CSN\*I\*QFXRQC\*SHNSTAE\*NYIN\*LYKTQQQYKKKYTYRTRESILCNRRXNRRYKTSTL\*P\*\*NRMEXNARTDS\*KIKXTIXE\*NNKL\*SILWRGSRNCNAQF\*LWRGIFLL\*YNTTI\*\*XLAT\*\*YXE\*Y\*S\*XYRQXQYHTPM\*NKTSCKPMAGSRKSNVCPSHQRIH\*M\*LKYYRADINKRWWYGQRNQQYCRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTYQGXEKSGAERKKSSGNXRSYVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSATAEQSAEGY\*GATAFVATHGLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHLCALEW\*LE\*\*ISX\*HLG\*HDLDAVGKRD\*QLHRLNIQLT\*KIAEPTRKE\*TRIIGIRQXGKFVELV\*HNTVAVVYKNIHNDSRRFGRFKNSFCCTFYSKQS\*AGILTIIISDPPPNPEGTRQARRNRRRRWRARQRQIHSL

>B.2003.DQ676886.acute\_infection

XEPIDPSLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFIQKGLGISYGRKKRRQRRRAPHDSEIHQXPLSKQ\*VVNVMQPLQIAAIVALVVVAIIAIVVWTIVGLEYRKILIQRKIDRLIDRIREREEDSGNESEGDQEELSALVERGHLAPWDVDDL\*YRAIVGHSLLWGTCVERSNHHSILCIRC\*SICYREA\*CLGHTCLCTHRPQSTRGRIEKCDRRF\*HVEK\*HGRTDAXRYNQFMGTKHEAMCQINPTLCYFKLY\*C\*REKC\*\*YH\*YY\*SP\*Y\*YP\*\*\*\*SGK\*\*\*HKKLLFQYHHKHKR\*HKERTCTFLCT\*CSTNR\*\*\*\*L\*VGKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*PEGVQWNRTMYKCQYSTMYTWNQASSINSIAVKWQSSRRRCSN\*ICQFHRQY\*NHNSAAE\*IYSN\*LYKTQQQYKKKHTYGTRESIFCNRGYNRRYKTSTL\*P\*QNRME\*SLKQDSYKIRRTI\*K\*YRNNNLYAILRRGPRNCNAQF\*LWRGILLL\*FNTTV\*\*YLGARW\*YLEGV\*\*N\*\*\*YFKC\*YHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRDTINKRWW\*\*QYHQ\*NFQTWRRRYERQLEK\*II\*I\*SSKN\*TIRDSTHQGKEKSGAERKKSSNIRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGH\*AAPGKSPGCGKIPKGPTAPXDLGLLWKTHLHHYCALEH\*LE\*\*NL\*\*DLE\*HDMDAVGKRN\*QLHRPNIHLN\*GIAEPXRKE\*TRLIGIR\*VGKFVELV\*HISMAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIVISDPPPSTEGTRQARRNRRRRWRQRQRQIRSF

>B.2004.DQ676887.asymptomatic

MEPIDPSLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFIQKGLGISYGRKKRRXRRRAPHDXEIHXVPLSKQ\*VVNVMQPLQIAAIVALVVVAIIAIVVWTIVGLEYRKILIQRKIDRXIDRIREREEDSGNESEGDQEELSALVERGHLAPWDVDDL\*YRAIVGHXLLWGTCVERSNHHSILCIRC\*SICYREA\*CLGHTCLCTHRPQSTRGRIEKCDRRF\*HVEK\*HGRTDAGRYNQFMGTKHEAMCQINPTLCYFKLY\*C\*XEKC\*\*YH\*YY\*FP\*\*\*YP\*\*\*\*SGK\*\*\*HKKLLFQYHHKHKR\*HKERTCTFLCT\*CSTNR\*\*\*\*L\*VGKL\*HLRHYTGLSKDIL\*ANSHTXLCPGWFCDSKV\*PEGVQWNRTMYKCQYSTMYTWNQASSINSIAVKWQSSRRRXSN\*ICQFHRQY\*NHNSAAE\*IYSN\*LYKTQQQYKKKHTYGTRESIFCNRGYNRRYKTSTL\*P\*QNRME\*SLKQDSYKIRRTI\*K\*YNNLYAILRRGPRNCNAQF\*LWRGILLL\*FNTTV\*\*YLGARW\*XLEGV\*\*N\*\*\*YFKC\*YHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRDTINKRWW\*\*QYHQ\*NFQTWRRRYERQLEK\*II\*I\*SSKN\*TIRDSTHQGKEKSGAERKKSSNIRSYVPWVLGSSRKHYGRSVTDADGTGQTIIXWYSATAEQSAEGY\*GATTSVATHSLGH\*AAPGKSPGCGKIPKGPTAPGDLGLLWKTHLHHYCALEH\*LE\*\*NL\*\*DLE\*HDMDAVGKRN\*QLHRPNIHLN\*GIAEPARKE\*TRLIGIR\*VGKFVELV\*HISMAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIVISDPPPSTEGTRQARRNRRRRWRQRQRQIRSX

>B.2001.DQ823362.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRPPQDSEAHQVPLPKQ\*VVHVMQSLQTAAIVALIIALIVVAVIAIVVWTLVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSTLVDMGHLAPWNIDDL\*CYRQIMGHSLLWGTCVERSKNHSILCIRC\*GISHRGT\*CLGHTCLCTHRP\*PTRNSNGKCDRKF\*YVEK\*HGRSDA\*GYNQFMG\*KLKAMRKNSPTLCHSKLH\*FEEECH\*YQWYHYQ\*\*YQ\*WY\*LGIHGGRRNEKLLFQCHHKHRK\*NEGRLCTFL\*A\*YKVNKE\*\*YKLYIDKL\*QLSHYTGLPKGNL\*TNSHTLLCPCWFCDFKV\*\*\*EVQWKRTMYKC\*HSTMYTWN\*ASSVNSITVKWQSSRRGHSN\*I\*KFHRQC\*DHNSTAE\*IYNN\*LYKTQQQYKKRYTYRTRRDIFCNRSYNRKHKTSTL\*PQ\*GTME\*NFRTNSYKIRKTI\*QYNNNL\*STTPRRGPRNFNAHF\*LWRGIFLL\*YIKAVQ\*YLE\*WYLDE\*Y\*\*G\*YYRARPHHTPMQNKTNYKQMAGSRKSNICPSHQRTN\*MFIKYYRDTISKRWW\*\*\*\*\*QRDFQTWRREYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKKSNAWSSVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATASVATHSLGH\*AAPGKSPGCGKILRGSAAPRDLGLRWKTHLHHYCALECYLE\*\*NSEADLG\*HDLDGVGERN\*QLHRHNIQFN\*TITKPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKDIHNDSRRFNRFKNNFYCIFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRARQRQIRTI

>B.2001.DQ823363.-

MDPVDSRLEPWQHPGSQPKTACTNCYCKKCCFHCQICFTRKALGISYGRKKRRQRRRPPQDSQTHQVPLPKQ\*VIYVMQPVQILAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSALVEMGHHAVEMGHHAPWDVDDL\*CCRTNMGHSLLWGTGVERSNYHSILCIRC\*NI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRRV\*YMEE\*HGRSDARGYN\*FMGSKLKAMCKINPTLCHSKVH\*\*FDSKLH\*GFEE\*YQEQ\*YQYQLYSGGERRNKKLLFQCHHRHRR\*DAETIFTFL\*A\*CSTNR\*YKLYFNTL\*HLSHYTGLSKGNL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWIRNMYKC\*HSTMYTWH\*ASSINSTAVKWQSSRRRNSD\*I\*KPHGQC\*NHNSAAE\*IYTN\*LYKTQQEYNKKDIYRTGESNSCNRFNRRYKESTL\*P\*\*RTME\*HFKTDSYKIKGTI\*E\*NNSL\*SILRRGPRNCNAHF\*LCRGIFLL\*YNTAVQ\*YLE\*YLEWCYRIRQHHTPVQNKTNYKQVAGSRKSNVCPSHRRTN\*MFIKYYRAIISKRWWYW\*\*\*NRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSNVWSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*FAESY\*SATAYVATHSLGH\*AAPGKSPGSGKIPKGPTAPRDLGLLWKTHLHHYCALEC\*LE\*\*IYGGDLE\*HDLDAVGERN\*QLHRPNIHFT\*RIAEPTRKE\*TRLIGVR\*VGKFVELVYHIKLAVVYKNIHNDSRRLSRFKNSLYCAFYSE\*G\*EGILTIVISDPPPNPEGTRQARRNRRRRWRARQRQIRTI

>B.2001.DQ823364.-

MDPVDPRLEPWQHPGSQPKTACTNCYCKKCCFHCQLCFTKKALGIFYGRKKRRQRRRSPQDSETHQVPLPKQ\*VIYVMQPVVILAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRITERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRSDARGYN\*FMGSKLKAMCKINPTLCHSKLH\*FEE\*YQYQ\*YQYQ\*Q\*LDGGRNEKLLFQCNHRHRK\*DAERICTFL\*A\*CSSNR\*YKLYVSKL\*HLNHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*AVQWIRTM\*KC\*HSTMYTWH\*ASSVNSTAVKWQSSRRRSSD\*I\*KLHGQC\*NHNSAAECTYTN\*LYKTQQ\*YKEKYTFWTGGSNLCNRRYNRRHKTSTL\*P\*\*RTME\*HFKTDSHKIKGTI\*E\*NNSL\*SILRRGPRSCNAQF\*LWRRIFLL\*YNTAVQ\*YLAG\*\*Y\*EC\*YNIRQLRQQHNHTPVQNKTNYKQVARSRKSNVCPSHQRTN\*MFIKYYRATISKRWW\*W\*\*\*\*\*RDRDLQTWRRKYKGQLEK\*II\*I\*SSKN\*AVRSSTHQGKEKSGAERKKSNNIWSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGH\*AAPGKSPGCGKILKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ICK\*DLG\*HDLDAVGERN\*QLYRLNIHFT\*KIAEPTRKE\*TRIIGVR\*VGKFVELV\*HNTLAVVYKNIHNDSRRLSRVKNSFYCAFYSE\*G\*EGILTIVISDPPPNPEGTRQARRNRRRRWRARQRQIRTI

>B.2005.DQ837381.-

MEPVDPRLEPWNHPGSKPETPCNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIHVMQSLEILAIVALVVAAILAIIVWTIVFIEYRKIRREKKIERLIDRIRERAEDSGNESDGDQEELSKLVERGHLAPWDIDDL\*C\*RAVVGHSLLWGTCVERSQHHFILCIRC\*SIQYRGT\*CLGHTCLCTHRSQPTRNSIGKCNRKF\*YVEK\*HGRTDA\*RYNQFMGSKPKAMCKINSTLCYFKVH\*\*CE\*YYH\*WHF\*VEW\*\*\*HYRRNKKMLFQYYHRHDR\*DEGRICIIL\*P\*YSTTR\*\*SC\*E\*\*S\*\*DQLCQL\*VDKL\*HLSH\*TGLSKDIL\*ANSNTLLYPGWFCDSKV\*RYKVQWNRTM\*KCQHSTMHTWN\*ASSVNSITVKWQFSRRRHSN\*I\*KYHEQC\*KHNSTAE\*TCKN\*LYKTQQQYKKKYTYRTRESILCSGRHNRKHKTSTL\*HQ\*EKLD\*HFKKDS\*QIK\*TIWE\*NNSL\*TLLRRGPRNSNAQFYLWRGILLL\*YNTTV\*W\*LE\*WYLE\*SKQL\*FYKYHTSMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKYYRADINKRWW\*GQYYRQQ\*DKRGDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSDTGSDVPWFLGSSRKHYGRSVNDADGTGQTIIIWYSATAKQLAEGY\*GATASVATHSLGHQAAPGKSPSCGEIPKGSTAPRDLGLLWKTHLHHYCTLEFELE\*QKPESDLG\*HDLDAVGKGN\*QCHKCNIQVN\*KIAEPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*AGILTFIVSDPPPSPQGTRQARRNRRRRWRERQRQIQSI

>B.1998.DQ853427.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAAKDSSTNQVSLSKQ\*VVYVMNALQISAIVALVIVAIIAIVVWTIVFLEYRKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*SCRKLVGHSLLWGTCVERSNHYSILCLRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LLEKYY\*YH\*HRQRRNKKLLFQGHHRNKR\*DKERICTFL\*A\*CSTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVEWQSSRRRGNN\*ITEFHGQC\*NHISTAE\*NCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRRYKTSIL\*H\*\*SKME\*HFKPDSYKIKRTIWE\*\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTIV\*\*\*LAC\*WYLE\*CLERYWRVK\*HYQTPM\*NKTNYKHVAGSRKSNVCPSHQRTNSMFIKYYRANINKRWWYKHERERGGLQTCRRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKKKSGAERKKSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISR\*NLG\*HDLDAVGKRN\*QLHRQNI\*PT\*KIAEPARKK\*TRIIGVG\*MGKFVESV\*HNTMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHTI

>B.1998.DQ853428.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAAKDSSTNQVSLSKQ\*VVYVMNALQISAIVALVIVAIIAIVVWTIVFLEYRKILKQRKIDRLIDRIRDGAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*SCRKLVGHSLLWGTCVERSNHYSILCLRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LLEKYY\*YH\*HRQRRNKKLLFQGHHRNKR\*DKERICTFL\*A\*CSTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVEWQSSRRRGNN\*ITEFHGQC\*NHISTAE\*NCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRRYKTSIL\*H\*\*SKME\*HFKPDSYKIKRTIWE\*\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTIV\*\*\*LAC\*WYLE\*CLERYWRVK\*HYQTPM\*NKTNYKHVAGSRKSNVCPSHQRTNSMFIKYYRANINKRWWYKHERERGGLQTCRRRYEGQLEK\*II\*I\*SSKN\*TNRNSAHQGKKKSGAERKKSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQFAEGY\*DATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISR\*NLG\*HDLDAVGKRN\*QLHRQNI\*PT\*KIAEPARKK\*TRIIGVG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHTI

>B.1998.DQ853429.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAAKDSSTNQVSLSKQ\*VVYVMNALQISAIVALVIVAIIAIVVWTIVFLEYRKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*SCRKLVGHSLLWGTCVERSNHYSILCLRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LLEKYY\*YH\*HRQRRNKKLLFQGHHRNKR\*DKERICTFL\*A\*CSTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVEWQSSRRRGNN\*ITEFHGQC\*NHISTAE\*NCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRRYKTSIL\*H\*\*SKME\*HFKPDSYKIKRTIWE\*\*NNSL\*FILRRGPRNCNA\*L\*LWRGIFLL\*FNTIV\*\*\*LAC\*WYLE\*CLERYWRVK\*HYQTPM\*NKTNYKHVAGSRKSNVCPSHQRTNSMFIKYYRANINKRWWYKHERERGGLQTCRRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKKKSGAERKKSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISR\*NLG\*HDLDAVGKRN\*QLRRQNI\*PT\*KIAEPARKK\*TRIIGVG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHTI

>B.1998.DQ853430.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAAKDSSTNQVSLSKQ\*VVYVMNALQISAIVALVIVAIIAIVVWTIVFLEYRKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*SCRKLVGHSLLWGTCVERSNHYSILCLRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LLEKYY\*YH\*HRQRRNKKLLFQGHHRNKR\*DKERICTFL\*A\*CSTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVEWQSSRRRGNN\*ITEFHGQC\*NHISTAE\*NCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRRYKTSIL\*H\*\*SKME\*HFKPDSYKIKRTIWE\*\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTIV\*\*\*LAC\*WYLE\*CLERYWRVK\*HYQTPM\*NKTNYKHVAGSRKSNVCPSHQRTNSMFIKYYRANINKRWWYKHERERGGLQTCRRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKKKSGAERKKSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISR\*NLG\*HDLDAVGKRN\*QLHRQNI\*PT\*KIAEPARKK\*TRIIGVG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHTI

>B.1998.DQ853431.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAAKDSSTNQVSLSKQ\*VVYVMNALQISAIVALVIVAIIAIVVWTIVFLEYRKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*SCRKLVGHSLLWGTCVERSTTTLFCASDAKAYETEVHNVWATHACVPTDPSPQEVVLENVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTNYWRNTTNTTNIDKEEIKNCSFKVTTEIRDKTRKEYALFYRLDVVPIDNEDNAGNNTNNTSYRLINCNSSVITQACPKISFEPIPIHYCAPAGFAILKCNNKTFNGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVIIRSQNFTDNAKTILVQLNETVQINCTRPNNNTRKSIHIAPGRAFYATGEIIGDIRQAYCNISKVKWNDTLSQIVTKLREQFGSNKTIVFNSSSGGDPEIVMHSFNCGGEFFYCNSTQLFSSNWPANGIWNSAWNDTGELNDTIRLPCRIKQIINMWQEVGKAMYAPPIKGQIQCSSNITGLILTRDGGTNTSGNEEVFRPAGGDMRDNWRGELYKYKVVKIEPIGIAPTRAKRRVVQREKRAVTLGAMFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNTSWSNKSLDKIWDNMTWMQWEREIDNYTGKIYDLLEKSQNQQEKNEQELLELDKWASLWNWFDITQWLWYIKIFIMIVGGLIGLRIVFAVFSIVNKVRQGYSPLSLQTLLPTQRGPDRPEGIEEEGGERDRDRSIRL

>B.1998.DQ853432.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAAKDSSTNQVSLSKQ\*VVYVMNALQISAIVALVIVAIIAIVVRTIVFLEYRKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*SCRKLVGHSLLWGTCVERSNHYSILCLRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LLEKYY\*YH\*HRQRRNKKLLFQGHHRNKR\*DKERICTFL\*A\*CSTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVEWQSSRRRGNN\*ITEFHGQC\*NHISTAE\*NCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRRYKTSIL\*H\*\*SKME\*HFKPDSYKIKRTIWE\*\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTIV\*\*\*LAC\*WYLE\*CLERYWRVK\*HYQTPM\*NKTNYKHVAGSRKSNVCPSHQRTNSMFIKYYRANINKRWWYKHERERGGLQTCRRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKKKSGAERKKSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISR\*NLG\*HDLDAVGKRN\*QLHRQNI\*PT\*KIAEPARKK\*TRIIGVG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHTI

>B.1998.DQ853433.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAAKDSSTNQVSLSKQ\*VVYVMNALQISAIVALVIVAIIAIVVWTIVFLEYRKILKQRKMDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*SCRKLVGHSLLWGTCVERSNHYSILCLRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LLEKYY\*YH\*HRQRRNKKLLFQGHHRNKR\*DKERICTFL\*A\*CSTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVEWQSSRRRGNN\*ITEFHGQC\*NHISTAE\*NCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRRYKTSIL\*H\*\*SKME\*HFKPDSYKIKRTIWE\*\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTIV\*\*\*LAC\*WYLE\*CLERYWRVK\*HYQTPM\*NKTNYKHVAGSRKSNVCPSHQRTNSMFIKYYRANINKRWWYKHERERGGLQTCRRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKKKSGAERKKSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISR\*NLG\*HDLDAVGKRN\*QLHRQNI\*PT\*KIAEPARKK\*TRIIGVG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHTI

>B.1998.DQ853434.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAAKDSSTNQVSLSKQ\*VVYVMNALQISAIVALVIVAIIAIVVWTIVFLEYRKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*SCRKLVGHSLLWGTCVERSNHYSILCLRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LLEKYY\*YH\*HRQRRNKKLLFQGHHRNKR\*DKERICTFL\*A\*CSTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVEWQSSRRRGNN\*ITEFHGQC\*NHISTAE\*NCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRRYKTSIL\*H\*\*SKME\*HFKPDSYKIKRTIWE\*\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTIV\*\*\*LAC\*WYLE\*CLKRYWRVK\*HYQTPM\*NKTNYKHVAGSRKSNVCPSHQRTNSMFIKYYRANINKRWWYKHERERGGLQTCRRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKKKSGAERKKSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISR\*NLG\*HDLDAVGKRN\*QLHRQNI\*PT\*KIAEPARKK\*TRIIGVG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHTI

>B.1998.DQ853435.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAAKDSSTNQVSLSKQ\*VVYVMNALQISAIVALVIVAIIAIVVWTIVFLEYRKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*SCRKLVGHSLLWGTCVERSNHYSILCLRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LLEKYY\*YH\*HRQRRNKKLLFQGHHRNKR\*DKERICTFL\*A\*CSTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVEWQSSRRRGNN\*ITEFHGQC\*NHISTAE\*NCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRRYKTSIL\*H\*\*SKME\*HFKPDSYKIKRTIWE\*\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTIV\*\*\*LAC\*WYLE\*CLERYWRVK\*HYQTPM\*NKTNYKHVAGSRKSNVCPSHQRTNSMFIKYYRANINKRWWYKHERERGGLQTCRRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKKKSGAERKKSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISR\*NLG\*HDLDAVGKRN\*QLHRQNI\*PT\*KIAEPARKK\*TRIIGVG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHTI

>B.2000.DQ853436.-

MEPVDPRLDPWKHPGSQPKTACNNCYCKKCCLHRQVCFTRKGLGISYGRKKRRQRRRPAKDSSTNQVSLSKQ\*VVYVMNALQISAIVALVIVAIIAIVVWTIVFLEYRKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDM\*SCR\*LVGHSLLWGTCVERSNHHSILCLRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGECDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*FEKYY\*YH\*NRQRRNKKLLFPGHHRNKR\*DKERICTFYRLDVVPIDNKDNAGNNTNNTSYRLINCNSSVITQACPKISFEPIPIHYCAPAGFAIIKCNDKMFNGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEDVMIRSQNFTDNAKTILVQLNETVRINCTRPNNNTRKSIHIAPGRAFYATGEIIGDIRQAHCNISKEKWNDTLSKIVTKLREQFEGNKTIVFNSSSGGDPEIVMHSFNCGGEFFYCNSTRLFSSKWHANDSWSSSTWNDTGESNDTITLPCRIKQIINMWQEVGKAMYAPPIKGQIQCSSNITGLILTRDGGANTNTSEEVFRPAGGNMGDNWRSELYKYKVVKIEPIGIAPTKAKRRVVQREKRAVTLGAVFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGELICTTAVPWNSSWSNKSLEKIWDNMTWMQWEREIDNYTGKIYDLLEKSQNQQEKNEQELLELDKWASLWNWFDITKWLWYIKIFIMIVGGLIGLRIVFAVFSIVNKVRQGYSPLSLQTRLPTQRGPDRPEGIEEEGGERDRDRSIRL

>B.2000.DQ853437.-

MEPVDPRLDPWKHPGSQPKTACNNCYCKKCCLHCQVCFTREGLGISYGRKKRRQRRRPAKDSSTNQVSLSKQ\*VVYVMNALQISAIVALVIVAIIAIVVWTIVFLEYRKILKQRKIDRLIDRIRDRAEDSGNGSDGDQEELSALMEMGHHAPWDVNDM\*SCR\*LVGHSLLWGTCVERSNHYSILCLRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGECDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*FEKYY\*YH\*NRQRRNKKLLFPGHHRNKR\*DKERICTFL\*A\*CSTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDYKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVERQSSRRRCND\*ITEFHGQC\*NHISTAE\*NCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRRYKTSTL\*H\*\*RKME\*HFKQDSYKIKRTI\*R\*\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTIV\*\*\*VAC\*\*\*LE\*YLERYWRVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHQRTNSMFIKYYRANINKRWWCKHEHGRGGLQTCRRKYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKKKSGAERKKSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPSKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISKYNLG\*HDLDAVGKRD\*QLHRHNI\*PT\*KIAEPARKK\*TRIIGVG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERRRQIHSI

>B.2000.DQ853438.-

MEPVDPRLDPWKHPGSQPKTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPAKDSSTNQVSLSKQ\*VVYVMNALQISAIVALVIVAIIAIVVWTIVFLEYRKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDM\*SCR\*LVGHSLLWGTCVERSNHYSILCLRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGECDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*FEKYY\*YH\*NRQRRNKKLLFPGHHRNKR\*DKERICTFL\*A\*CSTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLYPGWFCDYKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVERQSSRRRCND\*ITEFHGQC\*NHISTAE\*NYTN\*LYKTQQQYKKKHTYSTRESILCNRRHNRRYKTSTL\*H\*\*RKME\*HFKQDSYKIKRTI\*R\*\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTVV\*\*\*VAC\*\*\*LE\*YLERYWRVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHQRTNSMFIKYYRANINKRWWCKHEHERGGLQTCRRKYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKKKSGAERKKSRDTGSYVPWILGSSRKHYGRSVNNADGTGQTIIVWCSAAAEQSAEGY\*GATTSVATHSLGHQAAPSKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISRKNLG\*HDLDAVGKRN\*QLHRHNI\*PT\*KIAEPARKK\*TRIIGVG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.2002.DQ853439.-

MDPVDPRLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPAKDSSTNQVSLPKQ\*VVYVMNALQISAIVALVIVAILAIVVWTIVFLEYRKILKQRKIDRLIDRIRNRAEDSGNESDGDQEELSALMEMGHLAPWDVNDM\*SCRRLVGHSLLWGTCVERSNHYSILCP\*C\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*FEKYY\*YHYHRQRRNKRNKKLLFQCHHRTKR\*DKEGICTFL\*A\*CNTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDYKV\*\*\*NVQWNRTMHKCQHSTMYTWN\*ASSINSTAVERQSSRRRCND\*ITEFHGQC\*NHISTAERNCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRKNKTSTL\*H\*\*RRME\*NFKPDSYKIKRTIWE\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*YNTIV\*\*YVAC\*WYLELYWKVK\*QYHTPM\*NKTNYKHVAGSRESNVCPSHQRTNSMFIKYYRANINKRWWYKHE\*ERGGLQTCRRRYERQLEK\*II\*IQSGKN\*TNRNSTHQGKKKSGAERKKSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISR\*YLG\*HDLDAVGKRN\*QLYRHNILPT\*KIAEPARKK\*TRIIGVG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.2002.DQ853440.-

MEPVDPRLDPWKHPGSQPKTACNNCYCKKCCLHCQVCFMRKGLGISYGRKKRRQRRRAAKDSSTNQVSLPKQ\*VVYVMNALQISAIIALVIVAILAIVVWTIVFLEYKKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDM\*SCRRLVGHSLLWGTCVERSNHYSILCLRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGECDRRV\*HAEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*FEKYY\*YHYHRQRRNKQRRNKKLLFQCHHRTKR\*DKEGICTFL\*A\*CNTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDYKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSINSTAVERQSSRRRCND\*ITEFLGQC\*NHNSTAERNCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRKDKTSTL\*H\*\*RRME\*NFKPDSYKIKRTIWE\*NNNL\*FIPRRGPRNCNA\*F\*LWRGIFLL\*YNTIV\*\*YVAC\*WYFEQYWRVKWQYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTNSMFIKYYRANINKRWWYKHE\*ERGGLQTCRRRYERQLEK\*II\*I\*SSKN\*TNRNSTHQGKKKSGAERKKSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATTFVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISR\*YLG\*HDLDAVGKRN\*QLHRHNILPT\*KIAEPARKK\*TRIIGVG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.2002.DQ853441.-

MEPVDPKLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFMRKGLGISYGRKKRRQRRRAAKDSSTNQVSLPKQ\*VVYVMNALQISAIVALIIVAILAIVVWTIVFLEYKKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDM\*SCRRLVGHSLLWGTCVERSNHYSILCLRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*FEKYY\*YHYHRQRRNKRNKKLLFQCHHRTKR\*DKEGICTFYRLDVIPIDNKDNAGNNTNNTSYRLINCNSSVITQACPKISFEPIPIHYCAPAGFAIIKCNNKTFNGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEDVMIRSQNFSDNAKTIIVQLKETVQINCTRPNNNTRRSIHIAPGRAFYATGEIIGKIRQAHCNISKGEWNKTLSRIVTKLREQFGNKTIVFNSSSGGDPEIVMHSFNCGGEFFYCNTTQLFNSTWPANGTWNYTGKSNDNITLPCRIKQIINMWQEVGKAMYAPPIQGQIQCSSNITGLILTRDGGTNMSENGEVFRPAGGDMRDNWRSELYKYKVVKIEPIGIAPTKAKRRVVQREKRAVTLGAMFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNASWSNKSLDDIWGNMTWMQWEREIDNYTGIIYYLLEKSQNQQEKMNKNYWSWINGQVCGIGLT\*QNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*SLLYFL\*\*IKLGRDTHHCHCRPASQPRGDPTGPKEQKKKVERDRDRSIRL

>B.2002.DQ853442.-

MEPVDPRLDPWKHPGSQPKTACNNCYCKKCCLHCQVCFMRKGLGISYGRKKRRQRRRAAKDSSTNQVSLSKQ\*VVYVMNALQISAIVALVIVAILAIVVWTIVFLEYKKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDM\*SCRRLVGHSLLWGTCVERSNHYSILCLRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGECDRRF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYFKLY\*FEKYY\*YHYHR\*RRNKRNKKLLFQCHHRTKR\*DKEGICTFL\*A\*CNTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDYKV\*\*\*DVQWNRSMHECQHSTMYTWN\*ASSVNSTAVERQSSRRRCND\*ITEFHGQC\*NHNSTAERNCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRKDKTSTL\*H\*\*RRME\*NFKPDS\*KIKRTIWE\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*YNTIV\*\*YVAC\*\*YFEQYWRVKWQYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTNSMFIKYYRANINKRWWYKHE\*ERGGLQTCRRRYERQLEK\*II\*IQSSKN\*TNRNSTHQGKKKSGAERKKSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIIWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISR\*YLG\*HDLDAVGKRN\*QLHRHNILPT\*KIAEPARKK\*TRIIGVG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.2002.DQ853443.-

MEPVDPRLDPWKHPGSQPKTACNNCYCKKCCLHCQVCFMRKGLGISYGRKKRRQRRRAAKDSSTNQVSLPKQ\*VVYVMNALQISAIIALVIVAILAIVVWTIVFLEYKKILKQRKIDRLIDRIRDRAEGSGNESDGDQEELSALMEMGHDAPWDVNDM\*SCRRLVGHSLLWGTCVERSNHYSILCLRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*HVENNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTNLRSTTNTTIIDKEEIREIKNCSFNVTTELRDKTRKEYALFYRLDVIPIDNKDNAGNNTNNTSYRLINCNSSVITQACPKISFEPIPIHYCAPAGFAIIKCNNKTFNGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEDVMIRSQNFTDNAKTTLVQLKETVRINCTRPNNNTRKSIHIAPGRAFYATGEIIGKIRQAHCNISKGEWNKTLSQIVTKLREQFGNKTIVFNSSSGGDPEIVMHSFNCGGEFFYCNTTQLFNSTWPANSTLNNTGELSGNITLPCRIKQIINMWQEVGKAMYAPPIQGQIQCSSNITGLILTRDGGTNMSENGEVFRPAGGDMRDNWRSELYKYKVVKIEPIGIAPTKAKRRVVQREKRAVTLGAMFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNASWSNKSLDDIWGNMTWMQWEREIDNYTGIIYYLLEKSQNQQEKNEQELLELDKWASLWNWFDITKWLWYIKIFIMIVGGLIGLSIVFAVFSIVNKVRQGYSPLSLQTRPPTQRGPDRPEGTEEEGGERDRDRSIRL

>B.2002.DQ853444.-

MEPVDPRLDPWKHPGSQPKTACNNCYCKKCCLHCQVCFMRKGLGISYGRKKRRQRRRAAKDSSTNQVSLSKQ\*VVYVMNALQISAIVALIIVAILAIVVWTIVFLEYKKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDM\*SCRRLVGHSLLWGTCVERSNHYSILCLRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGECDRRF\*HVEK\*HGRTDA\*GYNQFMGSRPKAMCKINPTLCYFKLY\*FEKYY\*YHYHR\*RRNKRNKKLLFQCHHRTKR\*DKEGICTFL\*A\*CNTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDYKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSINSTAVERQSSRRRCND\*ITEFHGQC\*NHNSTAERNCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRKDKTSTL\*H\*\*RRME\*NFKQDSYKIKRTIWE\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*YNTIV\*\*YVAC\*\*YLELYWRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTNSMFIKYYRANINKRWWYKHE\*ERGGLQTCRRRYERQLEK\*II\*IQSSKN\*TNRNSTHQGKKKSGAERKKSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISR\*YLG\*HDLDAVGKRN\*QLHRHNILPT\*KIAEPARKK\*TRVIGVG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.2002.DQ853445.-

MEPVDPRLDPWKHPGSQPKTACNNCYCKKCCLHCQVCFMRKGLGISYGRKKRRQRRRAAKDSSTNQVSLSKQ\*VIYVMNALQISAVVALVIVAILAIAVWTIVFLEYKKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDM\*SCRRLVGHSLLWGTCVERSNHYSILCLRC\*SL\*YRGT\*CLGHACLCTHRPQPTRSSIGECDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*FEKYY\*YHYHR\*RRNKRNKKLLFQCHHRTKR\*DKEGICTFL\*A\*CSTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDYKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVEWQSSRRRCND\*ITEFLGQC\*NHNSTAERNCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRKDKTSTL\*H\*\*RRME\*NFKPDS\*KIKRTIWE\*NNSL\*FILRRGPRNCNA\*F\*LWRGVFLL\*YNTIV\*\*YVAC\*WYFEQYWKVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTNSMFIKYYRANINKRWWYKHE\*ERGGLQTCRRRYERQLEK\*II\*I\*SSKN\*TNRNSTHQGKKKSGAERKKSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLRHCCALEC\*LE\*\*ISR\*YLG\*HDLDAVGKRN\*QLHRHNILPT\*KIAEPARKK\*TRIIGVG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.2002.DQ853446.-

MDPVDPRLDPWKHPGSQPKTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPAKDSSTNQVSLSKQ\*VVYVMNALQISAIIALVIVAIIAIVVWTIVLLEYRKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDM\*SYRRLVGHSILWGTCAERSNHYSILCLRC\*GL\*YRGT\*CLGHTCLCTYRPQPTRSSIGECDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*FEKYY\*YHYHR\*RRNKRNKKLLFQCHHRNKR\*DKEGICTFL\*A\*CGTNR\*\*K\*CWK\*Y\*LY\*L\*VNKL\*LLSPYTGLSKDIL\*ANSHTLLCPGWFCDYKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVERQSSRRRCND\*ITEFLGQC\*NHNSTAERNCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRKYKTSTL\*H\*\*RRME\*NFKQDSYKIKRTIWE\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*YNTII\*\*YVAC\*\*YLE\*YWRGKYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTNSMFIKYYRATINKRWWYKHE\*ERGGLQTCRRRYERQLEK\*II\*IQSSKN\*TNRNSTHQGKKKSGAERKKGSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISKYNLG\*HDLDAVGKRN\*QLHRHNI\*PT\*KIAEPARKK\*TRIIGVG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.2002.DQ853447.-

MDPVDPRLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPAKDSSTNQVSLPKQ\*VVYVMNALQISAIIALVIVAIIAIVVWTIVLLEYRKILKQRKIDGLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDM\*SCRRLVGHSLLWGTCVERSNHYSILCLRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGECDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*FEKYY\*YHYHR\*RRNKRNKKLLFQCHHRNKR\*DKEGICTFL\*A\*CSTNR\*\*K\*CWK\*Y\*LY\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDYKV\*\*\*DVQWNRIMHKCQHSTMYTWN\*ASSVNSTAVEWQSSRRRCND\*ITEFHGQC\*NHISTAE\*NYTNYLYKTQQQYKKKHTYSTRESILCNRRNNRKYKTSAL\*H\*\*RRMEWHFKQDSYKIKRSIWE\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTIV\*\*\*VAC\*\*\*LE\*YFERYWRVR\*HYHTPM\*NKTSYKHVAGSRKSNVCPSHPRTNSMFIKYYRANINKRWWCRREQDRGGLQTCRRKYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKKKSGAERKKSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALE\*\*LE\*\*ISKHNLG\*HDLDAVGKRN\*QLHRHNI\*ST\*KIAEPARKK\*TRIIGVG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.2002.DQ853448.-

MDPVDPRLDPWKHPGSQPKTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPAKDSSTNQVSLPKQ\*VVYVMNALQISAIVALVIVAIIAIVVWTIVFLEYRKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHLAPWDVNDM\*SCRRLVGHSLLWGTCVERSNHYSILCLRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGECDRRF\*HVGK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*FEKYY\*YHYHR\*RRNKRNKKLLFQCHHRNKR\*DQEGICTFL\*A\*CSTNR\*\*K\*CWK\*Y\*LY\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDYKV\*\*\*DVQWNRIMHKCQHSTMYTWN\*ASSVNSTAVERQSSRRRCND\*ITEFHGQC\*NHISTAE\*NYTNYLYKTQQQYKKKHTYSTRESILCNRRNNRRYKASTL\*H\*\*RNME\*HFKQDSYKIKRSIWE\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTIV\*\*\*VAC\*\*\*LE\*YFERYWRVRWHYHTPM\*NKTNYKHVVGSRKSNVCPSHQRTNSMFIKYYRANINKRWWYKHEQDRGGGLQTCRRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKKESGAERKKSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISK\*NLG\*HDLDAVGKRN\*QLHRHNI\*PT\*KIAEPARKE\*TRIIGVG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.2000.DQ853449.-

MEPVDPRLDPWKHPGSQPKTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPAKDSSTNQVSLSKQ\*VVYVMNALQISAIIALVIVAILAIVVWTIVFLEYKKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDM\*SCR\*LVGHSLLWGTCVERSNHYSILCLRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGECDRRI\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*FEKYY\*YH\*NRQRRNKKLLFHGHHRNKR\*DKERICTFL\*A\*CSTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDYKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVEWQSSRRRGNN\*ITEFHGQC\*NHISTAE\*NCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRRCKTSTL\*H\*\*RRME\*HFKQDSYKIRRTIWE\*\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTIV\*\*\*VAC\*W\*LE\*YFERYWRVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHQRTNSMFIKYYRANINKRWWYKHEQDRGGLQTCRRKYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKKKSGAERKKSSDTGSCVPWVLGNSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISRKNLG\*HDLDAVGKRN\*QLHRHNI\*PT\*KIAEPARKK\*TRIIGVG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.2000.DQ853450.-

MEPVDPRLDPWKHPGSQPKTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAAKDSSTNQVSLPKQ\*VVYVMNALQISAIVALIIVAILAIVVWTIVFLEYKKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDM\*SCR\*LVGHSILWGTCVERSNHYSILCLRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLYQFEKYY\*YH\*NRQRRNKKLLFHGHHRNKR\*DKERICTFL\*A\*CSTNR\*\*R\*C\*K\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLYPGWFCDYKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVERQSSRRRCND\*IIEFHGQC\*NHISTAE\*NCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRRYKTSTL\*H\*\*RKME\*HFKQDSYKIKRTI\*R\*\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTIV\*\*\*VAC\*\*\*LE\*YLERYWRVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHQRTNSMFIKYYRANINKRWWCKHEHERGGLQTCRRKYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKKKSGAERKKGSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISKYNLG\*HDLDAVGKRN\*QLHRHNI\*PT\*KIAEPARKK\*TRIIGVG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHTI

>B.2000.DQ853451.-

MEPVDPRLDPWKHPGSQPKTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPAKDSSTNQVSLPKQ\*VVYVMNALQISAVIALVIVAILAIVVWTIVFLEYKKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDM\*SCR\*LASHSLLWGTCVERSNHYSILCLRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGECDRRI\*HVEK\*HDRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*FEKYY\*YH\*NRQRRNKKLLFMVTTEIRDKTRKEYALFYRLDVAPIDSEDNAGNNTNNTSYRLINCNSSVITQACPKISFEPIPIHYCTPAGFAIIKCNDKTFNGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVIIRSQNFTDNAKTILVQLNKTVQINCTRPNNNTRKSIHIAPGRAFYATGEIIGDIRQAHCNISKEEWNDTLSKIATKLREQFGNNKTIVFNSSSGGDPEIVMHSFNCGGEFFYCNTTQLFSSKWPANGTRNDTGKLNGTITLPCRIKQIINMWQEVGKAMYAPPIKGQIQCSSNITGLILTRDGGKNTSESEEVFRPAGGNMRDNWRSELYKYKVVKIEPIGIAPTKAKRRVVQREKRAVTLGAMFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNTSWSNKSLNTIWDNMTWMQWEREIDNYTGIIYDLLEKSQNQQEKNEQELLELDKWASLWNWFDITKWLWYIKIFIMIVGGLIGLRIVFAVFSIVNKVRQGYSPLSLQTRLPTQRGPDRPEGIEEEGGERDRDRSIRL

>B.2000.DQ853452.-

MEPVDPRLDPWKHPGSQPKTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAAKDSSTNQVSLPKQ\*VVYVMNALQISAIIALVIVAILAMVVWTIVFLEYKKILKQREIDGLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDM\*SCR\*LVGHSLLWGTCVERSNHYSILCLRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGECDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLYQFEKYY\*YH\*DR\*RRNKKLLFHGHHRNKR\*DKERICTFL\*A\*CSTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDYKV\*\*SDVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVKWQPSRRRGNN\*ITEFHGQC\*NHISTAE\*NYTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRRYKTSTL\*H\*\*RNME\*HFKQDSCKIKRSIWE\*\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTIV\*\*\*VAC\*\*\*LE\*YLERYWRVK\*HYHTPM\*NKTNYKHVVGSRKSNVCPSHQRTNSMFIKYYRANINKRWWYKHEQDRGGGLQTCRRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKKKSGAERKKSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATISVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISKYNLG\*HDLDTVGKRN\*QLHRHNI\*PT\*KIAEPARKK\*TRIIGVG\*MGKFVELV\*HNKMAVVYKNIHNDSGRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.2000.DQ853453.-

MEPVDPKLDPWKHPGSQPRTACNNCYCKKCCLHCQVCFMRKGLGISYGRKKRRQRRRAAKDSSTNQVPLPKQ\*VVYVMNALQIAAIVALVIVAILAIVVWTIVFLEYKKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDM\*SCR\*LVGHSLLWGTCVERSNHYSILCLRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*FEKYY\*YH\*NRQRRNKKLLFQCHHRNKR\*DKKRICTFL\*A\*CSTNR\*\*R\*C\*K\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDYKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVEWQSSRKRSNN\*ITEFHRQC\*NHISTAECNCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRRYKTSTL\*H\*\*RRLE\*HFKQDSYKIKRTIWE\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTIV\*\*\*VAC\*W\*LE\*YLERYWRVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHQRTNSMFIKYYRANTNKRWWCKHEQERGGLQTCRRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKKKSGAERKRSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*IFRKNLG\*YDLDAVGERN\*QLHRHNI\*PT\*KIAEPARKK\*KRIIGVG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRGWRERQRQIHTI

>B.2000.DQ853454.-

MEPVDPRLDPWKHPGSQPKTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPAKDSSTNQVSLSKQ\*VVYVMNALQISAIVALVIVAIIAIVVWAIVFLEYRKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDM\*SYRRLVGHSILWGTCVERSNHYSILCLRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGECDRRI\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*FEKYY\*YH\*HR\*RRNKKLLFPGHHRTKR\*DKEGICTFL\*A\*CSTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDYKV\*\*\*DVQWNRTMHKCQHSTMYTWS\*ASSVNSTAVEWQSSRKRGNN\*ITEFHGQC\*NHISTAECNCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRRYKTSTL\*H\*\*KRME\*HFKPDSYKIKRTIWE\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTIV\*\*\*LAC\*W\*LE\*YLEQYWKVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHQRTNSMFIKYYRANINKRWWCKHEHERGGLQTCRRKYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKKKSGAERKKSSDTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALE\*\*LEQ\*ISRKNLG\*HDLDAVGKRN\*QLHRQNI\*PT\*KIAEPARKK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSLCCIFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHTI

>B.1998.DQ853455.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAAKDSPANQVSLSKQ\*VVNVMNALQISAIVALVIVAIIAIVVWTIVFLEYRKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*SCRKLVGHSLLWGTCVERSNHYSILCLRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LLEKYY\*YH\*HRQRRNKKLLFQGHHRNKR\*DKERICTFL\*A\*CSTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMHKCQYSTMYTWN\*ASSVNSTAVEWQSSRRRGNN\*ITEFHRQC\*NHISTAE\*NYKN\*LYKTQQQYKKKYTYSTRESILCNRRNNRRYKTSIL\*H\*\*SKME\*HFKPDSYKIKRTIWK\*\*NNSL\*SILRRRPRNRNA\*L\*LWRGIFLL\*FNTII\*\*YLAY\*WYLE\*\*RY\*RVK\*HYQTPL\*TCGRK\*EKQCMPLPSKDKFNVHQILQG\*Y\*QEMVVQTQAGPRRSSDLQEEI\*GTIGEVNYINIK\*\*KLNQ\*E\*HPPGQREEWCMEKKEQ\*H\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CSSRTIC\*GLLRRNNICCNSQSGASSSSRQESWLWKDT\*GINSSWEFGVALENSSAPLLCLGILVGVINL\*IKFGIT\*PGCSGKEKLTITQAKYMTYLKNRRTSKKRMNKNYWN\*INGQVCGIGLT\*HNGCGI\*KYS\*\*\*\*EA\*\*A\*E\*FLLYFL\*\*IELGRDTHHCHCRPSSQPRGDPTGPKE\*KKKVERETETDPYD\*

>B.1998.DQ853456.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIRKGLGISYGRKKLRQRRRAAKDSPTNQVSLSKQ\*VVNVMNALQISAIVALVIVAIIAIVVWTIVFLEYRKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*SCRKLVGHSLLWGTCVERSNHYSILCLRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LLEKYY\*YH\*HRQRRNKKLLFQGHHRDKR\*DKERICTFL\*A\*CSTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMHKCQYSTMYTWN\*ASSVNSTAVEWQSSRRRGNN\*ITEFHRQC\*NHISTAE\*NYKN\*LYKTQQQYKKKYTYSTREGILCNRRNNRRYKTGIL\*H\*\*SKME\*HFKPDSYKIKRTIWK\*\*NNSL\*SILRRRPRNRNA\*L\*LWRGIFPL\*FNTII\*\*YLAY\*WYLE\*\*RY\*RVK\*HYQTPL\*TCGRK\*EKQCMPLPSKDKFNVHQILQG\*Y\*QEMVVQTQAGPRRSSDLQEEI\*GTIGEVNYINIK\*\*KLNQ\*E\*HPPGQREEWCIEKKEQ\*H\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CSSRTIC\*GLLRRNNICCNSQSGASSSSRQESWLWKDT\*GINSSWEFGVALENSSAPLLCLGILVGVINL\*IKFGIT\*PGCSGKEKLTITQAKYMTYLKNRRTSKKRMNKNYWN\*INGQVCGIGLT\*HNGCGI\*KYS\*\*\*\*EA\*\*A\*E\*FLLYFL\*\*IELGRDTHHCHCRPSSQPRGDPTGPKE\*KKRVERETETDPYD\*

>B.1998.DQ853457.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAAKDSPTNQVSLSKQ\*VVNVMNALQISAIVALVIVAIIAIVVWTIVFLEYRKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*SCRKLVGHSLLWGTCVERSNHYSILCLRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LLEKYY\*YH\*HRQRRNKKLLFQGHHRNKR\*DKERICTFL\*A\*CSTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMHKCQYSTMYTWN\*ASSVNSTAVEWQSSRRRGNN\*ITEFHRQC\*NHISTAE\*NYKN\*LYKTQQQYKKKYTHSTRESILCNRRNNRRYKTSIL\*H\*\*SKME\*HFKPDSYKIKRTIWK\*\*NNSL\*SILRRRPRNRNA\*L\*LWRGIFLL\*FNTII\*\*YLAY\*WYLE\*\*RY\*RVK\*HYQTPL\*TCGRK\*EKQCMPLPSKDKFNVHQILQG\*Y\*QEMVVQTQAGPRRSSDLQEEI\*GTIGEVNYINIK\*\*KLNQ\*E\*HPPGQREEWCIEKKEQ\*H\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CSSRTIC\*GLLRRNNICCNSQSGASSSSRQESWLWKDT\*GINSSWEFGVALENSSAPLLCLGILVGVINL\*IKFGIT\*PGCSGKEKLTITQAKYMTYLKNRRTSKKRMNKNYWN\*INGQVCGIGLT\*HNGCGI\*KYS\*\*\*\*EA\*\*A\*E\*FLLYFL\*\*IELGRDTHHCHCRPSSQPRGDPTGPKE\*KKKVERETETDPYD\*

>B.1998.DQ853458.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAAKDSPTNQVSLSKQ\*VVNVMNALQISAIVALVIVAIIAIVVWTIVFLEYRKILKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALMEMGHHAPWDVNGL\*SCRKLVGHSLLWGTCVERSNHYSILCLRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LLEKYY\*YH\*HRQRRNKKLLFQGHHRNKR\*DKERICTFL\*A\*CSTNR\*\*R\*CWK\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLSCPGWFCGSKV\*\*\*DVQWNRTMHKCQYSTMYTWN\*ASSVNSTAVEWQSSRRRGNN\*ITEFHRQC\*NHISTAE\*NYKN\*LYKTQQQYKKKYTYSTRESILCNRRNNRRYKTSIL\*H\*\*SKME\*HFKPDSYKIKRTIWK\*\*NNSL\*SILRRRPRNRNA\*L\*LWRGIFLL\*FNTII\*\*YLAY\*WYLE\*\*RY\*RVK\*HYQTPL\*TCGRK\*EKQCMPLPSKDKFNVHQILQG\*Y\*QEMVVQTQAGPRRSSDLQEEI\*GTIGEVNYINIK\*\*KLNQ\*E\*HPPGQREEWCIEKKEQ\*H\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CSSRTIC\*GLLRRNNICCNSQSGASSSSRQESWLWKDT\*GINSSWEFGVALENSSAPLLCLGILVGVINL\*IKFGIT\*PGCSGKEKLTITQAKYMTYLKNRRTSKKRMNKNYWN\*INGQVCGIGLT\*HNGCGI\*KYS\*\*\*\*EA\*\*A\*E\*FLLYFL\*\*IELGRDTHHCHCRPSSQPRGDPTGPKE\*KKKVERETETDPYD\*

>B.1998.DQ853459.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRTDQDSSTHQVSLSKQ\*VVHVMYPLQILAIVALVVAAIIAIVVWTIVFLEYRKILKQRKIDRLIDRITDRAEDSGNESDGDQEELSALMEMGYHAPWDVNDL\*SCRKLVGHSLLWGTCVERSNHYFILCIRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LF\*ECY\*CH\*HRQRRNKKLLF\*CHHRIKR\*DKRRICTFL\*A\*CSTNR\*\*\*\*CWE\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWNRTMHKCQHSTMYTWD\*ASSVNSTAVEWKPSRRRGNN\*ITKFHRQC\*NHISTAE\*NCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRRYKTSIL\*Y\*\*SKME\*HFKPDSYKIKRTIWE\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTIV\*\*\*LACQWYL\*\*YLEHYWRVK\*HYQTPM\*NKTNYKHVAGSRKSNVCPSHQRTNSMFIKYYRADVNKRWWYQHERQQGGLQTCRRRYEG\*LEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSDTRSYAPWVLGSSRKHYGRSVSNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGRSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*NSR\*NLE\*HDLDAVGKRN\*QLHRQNI\*PT\*KIAEPARKE\*TRIIGIR\*MGKFMELV\*HNTMAAVYKNIHNDSRRLDRFKNNFCCNFYSE\*S\*AGILTIVIADPPPNPGGTRQARRNRRRRWRERQRQIHKI

>B.1998.DQ853460.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRTDQDSSTHQVSLSKQ\*VVHVMYPLQILAIVALVVAAIIAIVVWTIVFLEYRKILKQRKIDRLIDRITDRAEDSGNESDGDQEELSALMEMGYHAPWDVNDL\*SCRKLVGHSLLWGTCVERSNHYFILCIRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRSGIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMYKINPTLCYFKLY\*LF\*ECY\*CH\*HRQRRNKKLLF\*CHHRIKR\*DKRRICTFL\*A\*CSTNR\*\*\*\*CWE\*Y\*\*Y\*L\*VNKL\*PLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWNRTMHKCQHSTMYTWD\*ASSVNSTAVEWKPSRRRGNN\*ITKFHRQC\*NHISTAE\*NCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRRYKTSIL\*Y\*\*SKME\*HFKPDSYKIKRTIWE\*NNSL\*FILRRGPRNCNA\*S\*LWRGIFLL\*FNTIV\*\*\*LACQWYLE\*YLEHYWRVK\*HYQTPM\*NKTNYKHVAGSRKSNVCPSHQRTNSMFIKYYRADINKRWWYQHERQQGGLQTCRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSDTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*NSR\*NLE\*HGLDAVGKRN\*QLHRQNI\*PT\*KIAEPARKE\*TRIIGIR\*MGKFMELV\*HNTMAVVYKNIHNDSRRLDRFKNNFCCNFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHKI

>B.1998.DQ853461.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQACFIRKGLGISYGRKKRRQRRRTDQDSSTHQVSLSKQ\*VVHVMYPLQILAIVALVVAAIIAIVVWTIVFLEYRKILKQRKIDRLIDRITDRAEDSGNESDGDQEELSALMEMGYHAPWDVNDL\*SCRKLVGHSLLWGTCVERSNHYFILCIRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVER\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LF\*ECY\*CH\*HRQRRNKKLLF\*CHHRIKR\*DKRRICTFL\*A\*CSTNR\*\*\*\*CWE\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWNRTMHKCQHSTMYTWD\*ASSVNSTAVEWKPSRRRGNN\*ITKFHRQC\*NHISTAE\*NCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRRYKTSIL\*Y\*\*SKME\*HFKPDSYKIKRTIWE\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTIV\*\*\*LACQWYLE\*YLEHYWRVK\*HYQTPM\*NKTNYKHVAGSRKSNVCPSHQRTNSMFIKYYRADINKRWWYQHERQQGGLQTCRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSDTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPDCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*NSR\*NLE\*HDLDAVGKRN\*QLHRQNI\*PT\*KIAEPARKE\*TRIIGIR\*MGKFMELV\*HNTMAVVYKNIHNNSRRLDRFKNNFCCNFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHKI

>B.1998.DQ853462.-

MEPVDPRLEPWKHPGSQPKTARNNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRTDQDSSTHQVSLSKQ\*VVHVMYPLQILAIVALVVAAIIAIVVWTIVFLEYRKILKQRKIDRLIDRITDRAEDSGNESDGDQEELSALMEMGYHAPWDVNDL\*SCRKLVGHSLLWGTCVERSNHYFILCIRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LF\*ECY\*CH\*HRQRRNKKLLF\*CHHRIKR\*DKRRICTFL\*A\*CSTNR\*\*\*\*CWE\*Y\*\*Y\*L\*VNKL\*LLSHYTGLSKDIL\*ANSHTLLCPGWFRDSKV\*\*\*DIQWNRTMHKCQHSTMYTWD\*ASSVNSTAVEWKPSRRRGNN\*ITKFHRQC\*NHISTAE\*NCTN\*LYKTQQQYKKKHTYSTRESILCNRRNNRRYKTSIL\*Y\*\*SKME\*HFKPDSYKIKRTIWE\*NNSL\*FILRRGPRNCNA\*F\*LWRGIFLL\*FNTIV\*\*\*LACQWYLE\*YLEHYWRVK\*HYQTPM\*NKTNYKHVAGSRKSNVCPSHQRTNSMFIKYYRADINKRWWYQHERQQGGLQTCRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKRSSDTRSYVPWVLGSSRKHYGRSVNNADGTGRTIIVWYSAAAEQSAEGY\*GATTSAATHSLGHQAAPGKSPGCGEIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*NSR\*NLE\*HDLDAVGKRN\*QLHRQNI\*PT\*KIAEPARKE\*TRIIGIR\*MGKFMELV\*HNTMAVVYKNIHNDSRRLDRFKNNFCCNFYSEWS\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHKI

>B.1998.DQ853463.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAAQDCPTNQVSLSKQ\*VVHVMNALQISAIVALVIVAIIAIVVWTIVFLEYRKILKQRKIDRLIDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWDVNDL\*SCRKLVGNSLLWGTCVERSNHYSILCIRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRDSIGECDRKF\*HVEK\*HGRTNA\*RYNQFMGSKPKTMCKINPTLCYFKLY\*LFGEYY\*NQYY\*CPYY\*YHYY\*YH\*\*\*GGIKKLLFPGHHRHRR\*NKERICTFL\*A\*CSTNR\*\*\*\*\*D\*\*\*\*LYINTL\*\*LSHYTGLSKGVL\*ANPHTLLCPGWFRDSKV\*R\*EVQWNRTMQKCQHSTMYTWN\*ASSVNSTAVEWQSSRRRDSN\*ITKFYGQC\*IHNSTAE\*NCKN\*LYKTQQQYKKSYTYRTRESNLCNR\*NNRRYKTSIL\*H\*\*NKME\*HFRPDSYKIKRTIWEQNNSL\*FILRRGPRNCYAQF\*LWRGIFLL\*YNTIV\*WYVAC\*WYLE\*YLE\*YWRVK\*HYQTPM\*NKTNCKHVAGSRKSNVCPSHQRTNSMFIKYYRADINKRWW\*QHERDRGGLQTWRRKYEGQLEK\*II\*I\*SSRN\*TIRSSTHQGKEKSGAEGKKSSGINRSCVPWVLGSSRKHYGRSVNSADGTDQTLIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLPHCCALEC\*LE\*\*ISRRNLGEHDLEGVGKRN\*QLHRQNI\*PTCKIAEPARNE\*TRIIKIR\*MGRFVELV\*HNTMAVVYKNIYNDSRRLDRFKNNFCCNFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHKI

>B.1998.DQ853464.-

MEPVDPRLEPWKHPGGQPKTACNNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAAQDCPTNQVSLSKQ\*VVHVMNALQISAIVALVIVAIIAIVVWTIVFLEYRKILKQRKIDRLIDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWDVNDL\*SCRKLVGNSLLWGTCVERSNHYSILCIRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRDSIGECDRKF\*HVEK\*HGRTNA\*RYNQFMGSKPKTMCKINPTLCYFKLY\*LFGEYY\*NQYY\*CPYY\*YHYY\*YH\*\*\*GGIKKLLFPGHHRHRR\*NKERICTFL\*A\*CSTNR\*\*\*\*\*D\*\*\*\*LYINTL\*\*LSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTMQKCQHSTVYTWN\*ASSVNSTAVEWQSSRRRDSN\*ITKFYGQC\*IHNSTAE\*NCKN\*LYKTQQQYKKSYTYRTRESNLCNR\*NNRRYKTSIL\*H\*\*NKME\*HFRPDSYKIKRTIWEQNNSL\*FILRRGPRNCYAQF\*LWRGIFLL\*YNTIV\*WYVAC\*WYLE\*YLE\*YWRVK\*HYQTPM\*NKTNCKHVAGSRKSNVCPSHQRTNSMFIKYYRADINKRWW\*QHERDRGGLQTWRRKYEGQLEK\*II\*I\*SSRN\*TIRSSTHQGKEKSGAERKKSSGINRSCVPWVLGGSRKHYGRSVNSADGTDQTLIAWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLPHCCALEC\*LE\*\*ISRRNLGEHDLEGVGKRN\*QLHRQNI\*PTCKIAEPARNE\*TRIIKIR\*MGRFVELV\*HNTMAVVYKNIYNDSRRLDRFKNNFCCNFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIHKI

>B.1989.DQ854714.symptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRKAPQDSQTHQVSLSKQ\*VVHVMQSLQIVAVVALVVAAIIAIVVWSIVFIECRKIRKQNKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNNL\*SCRKFVGHSLLWGTCVERSTHHSILCRRC\*SV\*YRGT\*CVGHTCLCTHRPQPTRSKIGECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLF\*YHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFFGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*QYLEWYCMVK\*H\*RK\*K\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRNFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVTTHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKPNIHLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCGTFYRK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.DQ854715.symptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSL\*IVAVVALVVAAIIAIVVWSIVFIECRKIRKQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*HH\*\*\*RGNGGERRNKKLLFQYYHKHKR\*GAERICTFL\*S\*CNTNKR\*KY\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRKRGGN\*IRQFLGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*QYLEWYCMVK\*H\*RK\*K\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDLQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKPNIHLN\*RIAKPTRKE\*TRIMGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.DQ854716.symptomatic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQIVAVVALVVAAIIAIVVWSIVFIECRKIRKQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHSPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*QRGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTGVKWQSSRRRGSN\*IRQFLGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKDKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*QYLEWYCMVK\*H\*RK\*K\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRNLQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIHLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.-.DQ886031.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPHDNQSNQVPLPKQ\*VVHVMQSLEILAIVALVVAAVLAIIVWTIVYIEYRKILKQRKIDRLISRIAERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCRKIVGHSLLWGTSVERSKHHSILCIRC\*SN\*GRGT\*CLGYTCLCTHGPQPTRTSIGKCDRKV\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYLNLY\*LFGE\*\*Y\*YHWEG\*YHY\*\*YRNEKLLFQYYHRHKR\*GEERICTVL\*S\*CSTNREEYQL\*VDTL\*HLNHHTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTMYKCQHSTVYTWN\*ASSVNSTAVKW\*SSRRRGSN\*ISEFHRQCQNHNSTAE\*ICSD\*LYKTQQ\*YKKKYTYRTRGSILYNRTSNRKYKTGILQH\*\*RTME\*NFKIHS\*KIKRTIWK\*NNNL\*SILRRGSRNCNAQF\*LWRRILLL\*YITAV\*\*YLEYY\*RVK\*HCRL\*QEYHTPMQDKTNYKHVAGSRKSNVCPSHQRTN\*MYIKYYRAVTNKRWWS\*\*\*NK\*HRDLQTWRRKHEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAKRQKSSGNRSYVPWDLRSSRKHYGRSVNNADGTGQTTIVWYSATAEQFAEGH\*GATASVATHSLGHKATPGKSPGCGKIPKGSTAPRDLGMLWKTHLHH\*CALEY\*LE\*\*ISGLYLGEHDLDTVGKGN\*QLHRLNIHLN\*RIARPTRKE\*TRINETR\*VGQSVELV\*HNKLAVVYKIIHNYSRRLSRFKNSFYCTFYSE\*S\*AGILTIVISDPPPSPQGTRQARRNRRRRWRQRQRQIRAL

>B.-.DQ886032.chronic

MEPVDPSLEPWKHPGSQPKTACNNCYCKRCCFHCQKCFTTKGLGISYGRKKRRQRRRASQNSPDHQVSLSKQ\*VVHGMNSLYILTIVALVAATILAIVVWTIVFLEYRKILKQRKIDRLIDRIVERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRKYVGHSLLWGTCVEGNNHHFILCIRC\*ST\*YRST\*CLGHTCLCTHRSQPTRNSIECDRKF\*HVEK\*HG\*TDA\*GCNQFMGSKPKAMCKINPTLCYSKLH\*CEECY\*YQDKGY\*YQY\*\*LGRHEKLLFQCHLKHKR\*STERICTFL\*A\*CSTNR\*G\*Y\*L\*DDKL\*YHSHYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*GEVQWIRTMWKCQHSTMYAWD\*ASSVNSATVKWQSSRKRGSN\*I\*ELDKQC\*NHNSTAE\*ICRD\*LYKTQQQYSKRYTYRTRESILCNRISNRRYKTGTL\*H\*CSKME\*HFKTNS\*\*VKRTI\*E\*NNSL\*SILRRGPRNCNA\*F\*LWRGIFLL\*HNKTF\*\*\*Y\*RVKKH\*RQYHTHTPMQNKTDYKHVAGSRKSNVCPSYQRNN\*MYIKYYRADINKRWWS\*HE\*HE\*DHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTFQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAESY\*GATASVAAHSLGHQAAPGKSPSCRKIPKGSTASRDLGLLWKTHMHHCCALEC\*LE\*\*IL\*SNLGQHDLDAVGKRN\*QLHRLDIHPN\*RIAEPTGKE\*TRTIGIG\*VGKSVELV\*HIKLAVVYKNIHNDSRGLNRFKNSFYCNFYSE\*S\*AGIFTIVVSDPLPSPKGTRQARRNRRRRWRERQKRIQSL

>B.-.DQ886033.chronic

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCLHCQVCFLTKGLGISYGRKKRRQRRRPPQDSQTHQSDLSKQ\*VIHVMQSLQILAIVALVVAAILAIVVWSIVFIEYRKILRQRKIDRIIERIIERTEDSGNESDGDQEELSALVEMGHHAPWDVNDM\*CYRTIVGHSILWGTCVERSKHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKI\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPALCYFTLH\*\*LEYH\*\*RECY\*YHLGTDGKRRNKKLFFQHYHKHKR\*GAEGICTFV\*R\*YSTNRE\*D\*\*L\*VDKL\*HFSHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWKRRMYKCQHSTMYT\*NKTSSVNSTAVKWQSSRRRGGN\*V\*QFHGQC\*NHNSTAE\*ICSN\*LYKTQQQHKKRY\*YRTRESMVCNNKYNRRYKTSTL\*H\*\*NKLGKSFKTDSRKIKKTISEYN\*HNLYSILRRGSRNCDAQF\*LWRRIFLL\*YNKTF\*\*YLDVEYYY\*\*LDSK\*HYRGR\*Q\*HNHTPMQNKTNYKHVAGSRKSNVCPSHPRTN\*LFIKYHRVAVNKRWWY\*Q\*HEWD\*DLQTWRGRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAEREKSSGTRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KFECYLG\*HDLDAVGTRN\*QLHKLNIRLT\*RIAKPTRKK\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNGSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.-.DQ886034.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRASQDSQTHQASLSKQ\*VVYVMQPLQIVAIVALVVVTIIAIVVWSIVFIEYRRILRQRKIDRIIDRIIERAEDSGNESEGDQEELSALVEMGHDAPWVVNDL\*CCRTVVGHSLLWGTCVERSYHHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKI\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYSKLY\*FECY\*VQ\*\*\*RGNRRNEKLLFQYHHKYQR\*GAEHICTFFYT\*YSTNR\*\*\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWKRTMYKCQHSTMYTWN\*ASSINSIAVKWQFSRRRGSN\*I\*QFHRQC\*NHNSTSE\*ICSN\*LYKTQ\*QYKKKYTYGTREMVIPWNRYNRRYKTSTL\*H\*\*NTME\*NFKPDS\*\*TKRTIWE\*\*NNSL\*SIFRRGPRNCNAQF\*L\*RGIFLL\*HNKTVQ\*YLDLE\*Y\*RVRRK\*NNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRTAINKRWW\*PKYHHRGLQTWRRRYEGQLEK\*II\*I\*SSEN\*AIRHSTHQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVHNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISG\*YLE\*HDLDGVGKRN\*QLHKFYIHLT\*RLAKPTRKE\*TRIIGIRYMGKFVELV\*HIKMAVVYKNIHNDSRRLDRFKNSFFCTFYSK\*S\*AGIFTIVVSDPPPNPEGTRQARRNRRRRWRQRQRQIQTT

>B.-.DQ886035.chronic

MEPVDPRLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMPSLYILAIVALVVAAIIAIVVWSIVFIEYKKILRQRKIDRIIDKIKEKAEDSGNESDRDQEELAALVEMGHDAPWDVNDL\*GYRKFVGHRLLWGTCVERRKHHSILCIRC\*RI\*\*RGT\*CLGHTCLCTHRPQPTRNSIKKCDRKF\*HVEK\*HSRTDA\*RYN\*FKRSKPKAMCTINLTLCYF\*LH\*SEE\*S\*Q\*W\*YPRE\*KDGGGRSKK\*VFQD\*HYHKRKGEERVCTFL\*T\*YNTNRK\*IH\*\*\*QY\*\*Y\*LYIEKL\*HTVTHRPVQRDL\*ANSHTLLYPGWLCDSKV\*Q\*DVQWKWIMYKCQHSTMHTWN\*TSSINSTAVKWQSSRRRDSN\*IRQFLGQC\*KHNSTAE\*SCRNELYKTQQQYKKKYTYSTRQSISCNRRNNRRYKKSTL\*H\*WSQVE\*HFNKDSYKIKRTI\*\*\*NNSL\*FILRRGPRNCNAQF\*LWRGIFLL\*FNTTVQ\*YLGWY\*YVKCKK\*HKHYTPMQNKTIYKHVAESRKSNVCPSHQRKH\*LFIKYYRADINKRWWSQRDQRDFQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSYVPWDLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTALGDLGLLWKTHLHHYCALEY\*LE\*\*ISGSDLAEHDLDAMGKRN\*\*LHK\*NIHLT\*RIAIPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVPDPPPRPEGTRQARRNRRRRWRERQRQIRSI

>B.-.DQ886036.chronic

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCFHCQVCFTRKALGISYGRKKRRQRRRAPQDSKTHQASLSEQ\*VVNVMQPLQIVAIVALVVVTIIAIIVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESDGDEEELSALVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGTQCLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CH\*Y\*YQ\*\*YQ\*\*YRGERRNKKLLFQYHHKPKR\*DTERICTF\*FT\*CNTNG\*\*\*Y\*YYLYID\*LEHLDHYSRLSQSIL\*ANSHTLLCPGWFCDSKV\*\*\*DVRWKRTMY\*CQHSTMYTWN\*TSSINSTAIKWQSSRRRGSN\*I\*QFHKQC\*NHNSTSERICRN\*LYKTQQQHKKKDTYGTG\*SILCNRTNNRRY\*TSTL\*H\*\*SKME\*HFRTDS\*KIKRTV\*E\*NNSL\*SILRRRPRNCNTQF\*LWRGIFLL\*YNTTV\*\*YLV\*E\*DY\*MVK\*HCRK\*HYHTPMQNKTNCKHVARGRKSNVCPSHQRTN\*MLIKYYRVTINKRWW\*\*HK\*DRDFQTCRRKHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISV\*HLGEHDLDAVGKRN\*ELHRLNIHFN\*RIAKPTR\*E\*TRIIKIR\*MGKFVELV\*HNKLAVVYKDIHHDSRRLSRLKNNFYCTFYSE\*S\*EGILTIIIPDPLPSPEGTRQARRNRRRRWRERQRHIKTI

>B.2005.DQ886037.chronic

MEPVDPRLEPWKHPGSQPKTACTPCFCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRASQDSQTHQDYLSKQ\*VVHVMYPLHIVAIVALVVAAILAIVVWSIVFILYRQIAKQKKIDRIIDRIIERAEDSGNESEGDQEELSELMERGHLAPWDVNDL\*CYRKFVGHSLLWGTCVERSNHHSILCLRC\*RV\*DRGA\*CLGNTCLCTHRPQPTRSKIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*L\*EEE\*Y\*YHCGYYY\*YP\*\*YLGNDGERRNKKLLFQCHHKHER\*VTESICTLL\*T\*YNTNR\*W\*\*K\*Y\*YYI\*VNKL\*HLSHYTSLSKGILSANSHTLLCPGWFCDSKM\*\*\*DVHWKRTM\*QCQHSTMYTWN\*ASSINSPTVKWQSSRRRGSN\*I\*KFHKQC\*NHNSAAEQFCNN\*LYKTQQ\*YKKRYTYRTRESLLCNRRDNRKYKTSTL\*H\*SKRLEHHFNPGSWKIKRTISK\*NNNL\*STLRRGPRNCNAQF\*LWRGIFLL\*FITTV\*\*HLAYE\*N\*GVK\*HWN\*WHNHTPMQNKTNCYLAVGSR\*SNVCPPPN\*TTKM\*VIYYRAAVNKRWW\*\*Q\*YRKRDIQTCRRKYEGQLEK\*II\*IQSSTN\*TIRNSTHQGKEKSGAERKKSSGTRSTVPWVLGSSRKHYGRSVGDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPK\*STAPGDLGLLWKTHLHHCCALE\*NLE\*E\*NSESDLG\*HDLDAVGKRH\*KLHSRNIQIN\*KIAKPTGKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLSRFKNNF\*CTFYSE\*S\*AGIFTIIVPDPPPSSEGTRQARRNRRRRWRQRQRQIQSI

>B.2005.DQ990880.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCSFHCQVCFTKKGLGISYGRKKRRQRRRTPQDSQTHQVSLPKQ\*VIYVMQSLQALTIFAIVALIVVAIIAIVVWTIVLLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALEMGHLIPRNADDL\*CCRKIVGHSLLWGTCMERNNYHSILCIRG\*SICYRGT\*YLGHTCLCTHRPQPTRSSLGKCDRKF\*HVGK\*HGRTDA\*RYNQFMGSRPKAMCKINPTLCYFKLH\*FQE\*\*YQ\*\*\*Q\*YNRERRNKKLLFQYHHKHRN\*GKRLCTF\*\*A\*CITNR\*\*\*YQL\*\*\*YQQ\*VSQL\*VDTL\*HLKNYTSLSKGIL\*ANSHTLLYPGWFCAPKV\*Q\*NVQWNRTMYKCQYSTMYTWN\*TSSNNSTAVEW\*FSRRRGSN\*I\*KFHRQC\*NHNSTAETIRRN\*LYKTQQQYKKKDNYGTRESIVYNRTNSRRYKKSTL\*P\*\*TTMG\*HSKTGSWKIKRTIWEQNNNL\*SICRRGSRGCNAHF\*LWRGIFLL\*YLTTV\*\*YLV\*\*WYLE\*C\*YWE\*\*HYYTPLQNKTNCKQVAGSRESNICPSHCRTN\*LFIKNYRVTINKRWWD\*\*D\*HRDLQTWRRRYERQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAKRKKSSGSNRSDVPWVLGSSRKHYGRSVNNADGTGQTIVDWYSATAKKFAESY\*GATASVATHSLGHQTAPGKSLGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISR\*DLE\*HDLDGVGKTN\*QLYSRNIHLN\*TIAEPTRKE\*VRTIGIG\*VGKLVELV\*HDTMAVVY\*NIHNDSRRLDRFKNNFCCTFYSK\*S\*AGILTIVIADPLPNPEGTRKARRNRRRRWRARQRQIREI

>B.2001.EF057102.AIDS

MEPVDPRLEPWKHPGSRPKTACTNCFCKKCCYHCQDCFLKKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVNVMQTLTILAIVALVVAAIIAIVVWTIVFIEYKKLLRQKRIDRLIDRIRERAEDSGNESDGDQEELSEIMEMGHLAPWDVDDL\*CCRKIVGHSLLWGTCMERCNYHSILCIRC\*SI\*VRGT\*YLGHTCLCTHRPQPTRSSLGKCDRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCYFRLQYYYYQ\*\*YQ\*\*NRDRVRNEKLLFQYHHKHKYEGKRLCTFL\*T\*HSTS\*KY\*\*YQI\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*NVQWNRTMYKYQYSTMYTWNQASSINSTAVKWQFSRRRGND\*I\*QFLEQC\*NHNSTVE\*ICRN\*LYKTQQQYKKKSNSRTRASMVYNRTNNRRYKTSTL\*P\*\*NTMG\*NFTTDN\*KIKRTIWEQNNSL\*SLLRRGPRDCNAQF\*LWRGIFLL\*YITTV\*\*YLE\*Y\*E\*YRKWHYHAPLQNKTNYKHVAGSRESNVCPSHCRKY\*LFIKYYRVVINKRWW\*D\*EQHHRDLQTCRRRYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSDRSYVPWVLGSSRKHYGRSVNNADGTDQTIVVWYSATAEKSAEGY\*GATASVATHSLGHQAAPGKSLGCGKIPKGSTAPRDLGLLWKTHLPHCCALEC\*LE\*\*ISRGDLE\*HDLDGVGKRN\*QLHKRNIQLN\*RIAEPTRKE\*TRTIGIG\*VGKFVELV\*NNKMAVVYQNIHNDSRRLDRFKNSFCCTVYSK\*S\*AGILTIVIADPLPSPEGTRKARRNRRRRWRARQRQIREI

>B.1998.EF175209.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQSSPNHQVSLSKQ\*VIHVMQPLEIYAIVALVVVGIIAIVVWTLVLIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDDL\*C\*RTIVGHSLLWGTCVERGKHHSVLCIRC\*SI\*DRGT\*CLGHTCLCTHRP\*PTRSSIEKCVRTF\*HVEQ\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*YERH\*CD\*CDCYPYHEARGNKKLLFQ\*HHNHER\*GNQRICTFL\*T\*CSTNKE\*\*Y\*L\*Y\*L\*VDKL\*HLNPYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*KLQWGRKL\*QRQHSTMYTWNYASSVNSTAVKWQSSRRRGSN\*IQKFHE\*C\*HNNSTAEGLCRN\*LYKTQ\*QYKKKYTDGTRESILCNRRHNRKYKTSIL\*P\*\*NKMGTSVKPDS\*QIKKTI\*QHNSNSLSAILRRGPRN\*NAQF\*LWRGIFLL\*YNKTV\*\*\*LDFGG\*CDIYHK\*HKWHKYHTPMQNKTNYKHVAGSRKSNVCQSHQWTN\*LYIKDYRAAINKRWGYRG\*WQQRDRDRDREQDRDLQTWGRKYEGQLEK\*II\*I\*SSKN\*TNRDSTHQGKEKSGAERKKSSGGAGSYVPWVLGNSRKHYGRSISNADGTGQTIIVWYSATAEQSAAGY\*GATASVAAHSLGHQAAPGKSPGCRKIPKGSTAPRTLGLLWKTHLHHCCALEY\*LE\*\*IS\*\*DLD\*HDLDTVGKRD\*QLHKFNIQLN\*KITEPTRKE\*TRIIGIRPVGKFVELVYYNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRGRQRQIQSI

>B.1998.EF175210.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQSSPNHQVSLSKQ\*VIHVMQPLEIYAIVALVVVGIIAIVVWTLVLIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDDL\*C\*RTIVGHSLLWGTCVERGKHHSVLCIRC\*SI\*DRGT\*CLGHTCLCTHRP\*PTRSSIEKCVRTF\*HVEQ\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*YERH\*CD\*CDCYPYHEARGNKKLLFQ\*HHNHER\*GNQRICTFL\*T\*CSTNKE\*\*Y\*L\*Y\*L\*VDKL\*HLNPYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*KLQWGRKL\*QRQHSTMYTWNYASSVNSTAVKWQSSRRRGSN\*IQKFHE\*C\*HNNSTAEGLCRN\*LYKTQ\*QYKKKYTDGTRESILCNRRHNRKYKTSIL\*P\*\*NKMGTSVKPDS\*QIKKTI\*QHNSNSLSAILRRGPRN\*NAQF\*LWRGIFLL\*YNKTV\*\*\*LDFGG\*CDIYHK\*HKWHKYHTPMQNKTNYKHVAGSRKSNVCQSHQWTN\*LYIKDYRAAINKRWGYRG\*WQQRDRDRDREQDRDLQTWGRKYEGQLEK\*II\*I\*SSKN\*TNRDSTHQGKEKSGAERKKSSGGAGSYVPWVLGNSRKHYGRSISNADGTGQTIIVWYSATAEQSAAGY\*GATASVAAHSLGHQAAPGKSPGCRKIPKGSTAPRTLGLLWKTHLHHCCALEY\*LE\*\*IS\*\*DLD\*HDLDTVGKRD\*QLHKFNIQLN\*KITEPTRKE\*TRIIGIRPVGKFVELVYYNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRGRQRQIQSI

>B.1998.EF175211.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQSSPNHQVSLSKQ\*VIHVMQPLEIYAIVALVVVGIIAIVVWTLVLIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDDL\*C\*RTIVGHSLLWGTCVERGKHHSVLCIRC\*SI\*DRGT\*CLGHTCLCTHRP\*PTRSSIEKCVRTF\*HVEQ\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*YERH\*CD\*CDCYPYHEARGNKKLLFQ\*HHNHER\*GNQRICTFL\*T\*CSTNKE\*\*Y\*L\*Y\*L\*VDKL\*HLNPYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*KLQWGRKL\*QRQHSTMYTWNYASSVNSTAVKWQSSRRRGSN\*IQKFHE\*C\*HNNSTAEGLCRN\*LYKTQ\*QYKKKYTDGTRESILCNRRHNRKYKTSIL\*P\*\*NKMGTSVKPDS\*QIKKTI\*QHNSNSLSAILRRGPRN\*NAQF\*LWRGIFLL\*YNKTV\*\*\*LDFGG\*CDIYHK\*HKWHKYHTPMQNKTNYKHVAGSRKSNVCQSHQWTN\*LYIKDYRAAINKRWGYRG\*WQQRDRDRDREQDRDLQTWGRKYEGQLEK\*II\*I\*SSKN\*TNRDSTHQGKEKSGAERKKSSGGAGSYVPWVLGNSRKHYGRSISNADGTGQTIIVWYSATAEQSAAGY\*GATASVAAHSLGHQAAPGKSPGCRKIPKGSTAPRTLGLLWKTHLHHCCALEY\*LE\*\*IS\*\*DLD\*HDLDTVGKRD\*QLHKFNIQLN\*KITEPTRKE\*TRIIGIRPVGKFVELVYYNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRGRQRQIQSI

>B.1998.EF175212.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQSSPNHQVSLSKQ\*VIHVMQPLEIYAIVALVVVGIIAIVVWTLVLIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDDL\*C\*RTIVGHSLLWGTCVERGKHHSVLCIRC\*SI\*DRGT\*CLGHTCLCTHRP\*PTRSSIEKCVRTF\*HVEQ\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*YERH\*CD\*CDCYPYHEARGNKKLLFQ\*HHNHER\*GNQRICTFL\*T\*CSTNKE\*\*Y\*L\*Y\*L\*VDKL\*HLNPYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*KLQWGRKL\*QRQHSTMYTWNYASSVNSTAVKWQSSRRRGSN\*IQKFHE\*C\*HNNSTAEGLCRN\*LYKTQ\*QYKKKYTDGTRESILCNRRHNRKYKTSIL\*P\*\*NKMGTSVKPDS\*QIKKTI\*QHNSNSLSAILRRGPRN\*NAQF\*LWRGIFLL\*YNKTV\*\*\*LDFGG\*CDIYHK\*HKWHKYHTPMQNKTNYKHVAGSRKSNVCQSHQWTN\*LYIKDYRAAINKRWGYRG\*WQQRDRDRDREQDRDLQTWGRKYEGQLEK\*II\*I\*SSKN\*TNRDSTHQGKEKSGAERKKSSGGAGSYVPWVLGNSRKHYGRSISNADGTGQTIIVWYSATAEQSAAGY\*GATASVAAHSLGHQAAPGKSPGCRKIPKGSTAPRTLGLLWKTHLHHCCALEY\*LE\*\*IS\*\*DLD\*HDLDTVGKRD\*QLHKFNIQLN\*KITEPTRKE\*TRIIGIRPVGKFVELVYYNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRGRQRQIQSI

>B.2004.EF178310.-

MEPVDPRLEPWKHPGSQPNTACNKCYCKKCCLHCQVCFISKGLGISYGRKKRRQRRRAPQDSQTXQXXLPKQ\*VVHVMFPLXIVAIVSLVVVGIIAIVVWTIVGIEYXRILKQRKIDRLIDRIAERAEDSGNESDGDQEELLALVEMGHHAPXXIDDL\*CCRAIVGHSLLWGTCVEGCNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSTISKCVRRF\*HVEK\*HGRTNA\*RHNQFMG\*KPKAMCKINSNLCYSKLH\*C\*FRE\*HXSXQ\*\*L\*K\*Y\*YX\*W\*FEDKSRRNKKLFFQYHHRF\*R\*APERICTFL\*T\*CSTNRQ\*K\*\*L\*VNKL\*XLSHYTDLSKGIL\*ANSNTLLYPSWFRASKM\*\*\*EVQWDRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAE\*SCSN\*LHKTQQQYKKKYXFRTRESXLYNRRNNRRYKTSTL\*S\*\*SRLE\*HFKTDS\*KIKRTIWE\*NNSL\*SILRRXPRNCNAQFXXWRRILLL\*HNTTV\*\*YLEF\*\*YXE\*YWRIK\*KNHTPMQNKTNCKHVAGSRKSNVCPSHQRKY\*LFIKYYRAAINKRWW\*\*RK\*XQRDLPTWGRKYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSDIRSCVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGH\*AAPSKSPGCGKIPKGSXAPRDLGLLWKTHLHHCCALEX\*LE\*\*NSK\*DLG\*HDLDTMGKRN\*QLHKHNIHLN\*RSAEPTRKE\*KRLIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCAFYSE\*S\*EGILTIVISDPPPSTEGTRQARRNRRRRWRQKQRQIQIF

>B.2004.EF178314.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKRCYHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQKSLSKQ\*VVYVMQALQIAAIVALVVVTIIAIVVWSIVFIEYRKILRQKKIDRLIDRIIEXAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRTIVGHSLLWGTCMERS\*HHPILCIRC\*SI\*YRGTQCLGHTCLCTHRP\*PTRSSIGKCDRTI\*HVEK\*HGRTDA\*GYNQFMGXKPKAMCKINSTLCYFKLH\*LH\*FECHLRFEYHLH\*FEYHQ\*HNERNEKLLFQYHHKNRREGAKRICTFL\*Y\*CSTNR\*\*\*C\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLYPGWFCDSKV\*\*\*XVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*KFHGQY\*NHNSTAERSCRNQLYETRQQYKKKYIIWTRESNLCNRTNNRRYKTSTL\*H\*WNKME\*NFNTDSWKIKSTIWGE\*NNSL\*ATLRWGPRNCNAQF\*LRRGXXRRGIFLL\*HXRVV\*\*HLECD\*\*\*HWKCDCKKYHTPMQNKTNYKQVAGSRKSNVRPSYQRTN\*MLIKYYRVAINKRWW\*EH\*\*DRDHRDLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSPYQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNNADGTSQTVIVWYSATAEQFAESY\*GATAYVATHSLGHQTAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISX\*DLG\*HDLDGMGKRN\*\*LXKLNIHFN\*RSQNQQEKNELELLELDKWANLWNWFDITRWLWYIKIFIMIVGGLIGLRIIFTVLSIVNRVRQGYSPLSFQTRLPSPRGPDRPEGIEEEGGERDKDRSTRL

>B.2004.EF178322.-

MDPVDPRLEP\*KHPGSQPRTACTTCYCKKCCFHCQVCFMKKALGISYGRKKRRQRRRAPQNSQTHQVSLSKQ\*VIYVMQPSYIVTIVALVVAIIIAIVVWSIVFIEYRKILRQRXIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGHSLLWGTCVERSKHHSILRIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSNIGKCDRKF\*YVEK\*HGRTNA\*GYNQFIGSKPKAMCKINPTLCYFKLLQ\*FECYLCQ\*\*YRGTDRERRNKKLLFQYXHKHXR\*GEERTCNFL\*S\*CSTNREGEW\*L\*VKKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCASKV\*X\*EVQWNRIM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRGSN\*I\*KYHEQC\*NHNSTAERTCRN\*LYKTQQQYKKKYTYRTREGILCNRRNNRRYKTSTL\*H\*\*SKMEQHFRTDS\*QIKRTL\*EKHNNSL\*SIHRRGPRNCNAQF\*LWRGXXGGEFFYCNSXQLFNST\*IWNKNNTGENDTIITLPCRIKQVINMWQEVGKAMYAPPIRGQIKCTSNITGLLLTRDSGNNNDTNGTEIFRPAGGDMRDN\*RSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGIGAMFLRFLGAAGSTIGAASITLTVQARLLLSGIVQQQSNLLRAIEAQQHLLQLTV\*GIKQLQARVLAVERYLKDQQLLGI\*GCSGKLICTTTVP\*NASWSNRSLDNI\*NNMTWMEWDREINNYTSLIYTLIEESQNQQEKNEKELLELDKWASL\*NWFDITN\*LWYIKIFIMIVGGLVGLRIVFTVLSIVNRVRQGYSPLSFQTRLPTPRGPDRPDGIEEEGGERETDRSRRS

>B.2004.EF178338.-

MEPVDPXLEPWKHPGSQPRTACTNCYCKKCCWHCQACFLKKGLGISXGRKKRRQRRGPPSSSPNHQVPLPKQ\*VVHVMLPVQILAIVALVXXAXIAIVVXTIVIIXXXKIKRQXKIDRXIXXXIERAEDSGNESDGDQXXXFTXXXMGXXXXLGINNQ\*X\*XXXNWVTVYXGVPVWKEATTTLFCASDAKXYEXEVHNVWATHACVPTDPNPQEMVLKNXTEXFNMXKNNMXEQMHEXKISLWNKSLKPXXKITPLCINLNXTNNINSTRSNTKARLLLVRLLLLVVVTGXXKTVLSTTPQA\*KIRNXQNGHSFXTXI\*YQ\*I\*LLHIIF\*KXXTPQSLHMPVQRYPLNQFPYIIVPRLVLHF\*NVMIRSSREQDHVQMLAQYYVHMELSQ\*CQLNCC\*MAA\*QKKR\*\*LDLKISQTMLRIL\*YN\*MHL\*\*LIVQDPTTIQEXVYIWDQGEHFMQQEK\*\*EI\*DKHIVXLXAQNGRTL\*NR\*LEN\*ENNMGMEQ\*XLINPQEGTQKL\*CTXLIVEGNFFTVIQQSCLIILGRXAIGVKLGITL\*GQMXLLHSHAG\*NNS\*TDGRKQEKQCMPLPSVD\*LGVHQILQD\*Y\*QGMVVLTTAPTGMRPSDLEEGI\*GTIGEVNCIDIK\*YKLNH\*D\*HXPRQEEEWCXERKEQ\*EWELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRAIC\*ELLRRNNICCNSQSGASSSSRPESWLWKDT\*RINSS\*EFGVALESSFAPLMCPGILLGVRRI\*VTFGKT\*PGWSGKEKLTITQA\*YTTYLK\*HKSSRKXMNKTYWH\*IHGQICGIGLTYQNGCGI\*KYS\*\*\*\*XA\*\*V\*E\*FLLYFL\*\*IELGRGTHHYRFRPXSQPRGDPTGPKESEKKVERETETHPID\*

>B.2004.EF178354.-

MEPVDPSLEPXEHPGSQPRTACNNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQSHLSKQ\*VVHVMQPLVIAAIVALVVVTIIAIVVWTIVVIEYRKILRQRKINRIIDRIIEXAEDSGNESEGDQEELSALVERGHLDXXHHAPXDVDDL\*CKRIVGHSLLXGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIEKCDRIF\*YVEK\*HGRTNAGXYNQSXXSKPKAMCKINSTLCHFKLH\*CFECFXXQX\*\*C\*YHYR\*RRHKKLLFQYYHKYER\*DAENLCTFL\*T\*CSSNR\*\*\*\*Y\*L\*VDKL\*HLSHYTGLSKDKL\*ANSHTLLCPGWFCDSKV\*R\*GVQWNWTM\*KRQHSTXXTWN\*ASRINXTSFKXQFXRKKSXK\*X\*KXXKXXXXHXXTXEXNXXXXLXXXXQXXKEKXXXXXRXVXLYXRXYXXXXXXXXLXX\*XXXLEXXFXKXX\*KXXXTIXXXNXXLXAILRXGPRNCNAYL\*LWRGIFLL\*YNETI\*\*YLE\*D\*XEX\*E\*X\*\*YWERNYHTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MLIKYYRAAITKRWWW\*REQQQRDL\*TGRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHRGKEKSGAERKKSSNVGSFVPWVLGSSRKHNGRSVNDADGTGQTTIVWYSAAAEQLAEGY\*GATASVATHSLGHQAAXXXXXXCRKIPKGSTAPRDLGXXWKXHLHHCCALER\*LE\*\*NSRPNLG\*HDLDGMGKRNWQLHRLNIQLN\*RIAKPXRKE\*TRTTEIK\*VGKFVELV\*YIKMAVVYKNIHNDSRRFGRFKNSLCCAFYXE\*S\*AGILTVIVADPPPNPEXTRQARRNRRRRWRERQRQIRAI

>B.2004.EF178358.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCSFHCQVCFITKGLGISYGRKKRRQRRRAHQDSQTHQDSLSKQ\*VVYVMQSLYILAIVALVVAAILAIIVWSIVFIEIRNXLRQKRIDXLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*CCRTIVGHSLLWGTCVERSKRYSILCIRC\*SISYRET\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYLKVQXQ\*LY\*YHYQ\*CHCRT\*YARRNKKLLFQYHHKHKR\*GAERTCTFL\*P\*YSTNR\*\*\*Y\*I\*DDKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWNRALYKCQHSTMYTWN\*TSSVNSTAVKWQSSRKDSS\*I\*KFHRQCWNHNSTAE\*ICSN\*LYKTQQQYKKECTYGTRGSILYNRRNNRKYKTSTL\*P\*\*CRME\*HFKMDS\*KIKGTIWE\*NNSL\*SILRRGPRNYNAQF\*XWRGIFLL\*FITTVQ\*YLVC\*WYCKVI\*HHWKYHTPMQNKTNYKHVAGSRKSNVCPSHQRNN\*LLIKYYGAAINKRWW\*S\*\*E\*QQH\*DLQTYRGRDEGQLEK\*II\*I\*SSTN\*TNRNSTHQGKEKSGAEXKKSNRNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTXPRDLGLLWKTHLQH\*CALE\*ELE\*\*ISK\*DLGQHDLDTVGKRNKQIHKRHIHLN\*RITEPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNGSRRLDRFKNSFYCTFCSE\*S\*AGILTTVVADPPPSLEGTRQARRNRRRRWRQRQRQIHAI

>B.2004.EF178374.-

MEPVDPKLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTKKGLGXSYGRKKRRRXXXXXQDSQTHQVSLSKQ\*VVYVMQPLVIVSIVALVVVAIIAIVVWPIVFIQFRKILRQRKIDKIIDRIVERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCRKLVGHSLLWGTCVERSKHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSRFGKCDRKF\*RVEKQHGRTDA\*GYNQFMGSKPXAMCKINPTLCHFKLH\*SX\*IKYH\*F\*\*H\*Y\*\*RERRNKKLLFLCHLKHKRQDTERICTFL\*T\*YSTNRQ\*D\*\*SY\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPCWFCDSKM\*R\*EVQWNRTM\*KC\*HSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IC\*SLRKY\*HHNSTIE\*ICSN\*LYKTQQQYKKKYTYGTRESILCNRYNRRYKTSTLQH\*WNRMEGNLNKDK\*QIKREKRI\*E\*NNNL\*ATLRRGPRNCNAYF\*L\*RGIFLX\*RGIFLL\*YXTTVYLE\*Y\*RIK\*YYKWYYHHPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCW\*\*HGQ\*HRDLQTRRRKYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVTDADGTSQTIIVWYSATAEQPAEGY\*GATAYIATHGLGH\*AAPGKSPGCGKIPTGSTXPGNLGLLWKTHLHHCCALEC\*LE\*QISGQNLG\*HDLDGVGQRN\*XLHKTNIHXN\*RLAKPTRKK\*TRIIGVR\*MGKFVELV\*HIKLAVVYKDIHNDSRRLGRFKNSFCSTFYSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRXRQRQIRTI

>B.2004.EF178393.-

MEPVDPSLEPWKHPGSXPRTACNNCYCKQCCFHCQVYFIKKGLGISYGRKKRRQRRRTPQGSETHQVPLSKQ\*VVYVMTPLTIAAIVALVVAAIIAIVAWTIVLIEYRRILRQRKIDRIIDRIIXRAEDSGNESEGDQEELSALVELGHHAPWDIDDQ\*CCXKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKI\*YVEK\*HGRTNAGGYNQSMGSKPXAMCKINPTLCHFXLH\*LGEYYLYQ\*\*\*\*RKDR\*RRNKKLLFQYYHKHKR\*DDENLCTFL\*T\*CSSNRW\*\*Y\*L\*VDKL\*HLSHYTGLSKDIL\*SNSHTLLCPGWFCDSKV\*RSEVWWKRTM\*QCQHSTMYTWN\*TSSINSIAFKXQSSRRRGSN\*I\*QFHKQC\*NHNSTAEESCNNSLYKTQQQYKKKYTHRTRESILYNRRHNRRYKTSTL\*H\*\*KRLE\*HFKRDS\*KIRRTI\*EQNNSL\*SVLRRGPRNCNA\*FXXWRGIFLL\*FXKTI\*\*YLE\*NYLE\*Y\*YWE\*HNKYHTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MLLKYYRAAINKRWW\*NNTNNTEIFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGTLGAMFLGFLGAAGSTMGAASMTLTVQARLLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNKTLDQIWNNMTWMEWEREIDNYTSLIYNLIEESQNQQEKNEQELLKLDEWASLWNWFTISKWLWYIKIFIMIVGGLVGLRIVFAILSIISRVRQGYSPLSFQTRLPTPRGPDRPEGIEEEGGERDRDRSGQL

>B.2004.EF178420.-

MEPVDPNLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSQTHQASLSEQ\*VIYVMQSLEILAIVALVVAIIIAIVVWTIVFIEYRKILRQRKIDRLIDRIXERAEDSGNESEGDQEELXALMEMGHHAPWVVNDL\*CYXXIVGHSLLWGTCVERNNHHSILCIRC\*SI\*\*RGA\*CLGHTCLCTHRPQPTRSSTGKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKIDPTLC\*LGGKR\*\*YH\*\*\*FEYG\*\*FEYEEWRNKKLLFQCHHKHKREDAERICTFL\*T\*CSTNR\*\*\*YYL\*VDKL\*HLSHYTSLSKSIL\*ANPHTLLCPGWFCDSKV\*Q\*DIQWKRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDNN\*I\*KFHE\*CENHNSTAECICRN\*LYKTLQQYKKKYKYRSRESMVCNRRDNRRYKTSTL\*H\*\*NKMGEHFKKDSYKARKTIE\*NKSSL\*LLLRRGPRDCNAQF\*LWRGIFLL\*YNTTV\*\*YLECXXLECYRVK\*HWRX\*YNHTPM\*DKTNYKHVAGSRKSNVCPSHPRTN\*MFIKYYRVALNKRWWKW\*\*DQ\*\*DRDLQTWRRRYXXQLEK\*TI\*I\*SSEN\*TIRSSTHQGKEKSGAKRKKSSGNTRSYVPWVLGNSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATAYVATHSLGHQAAPGKSPXCGKIPTGSAAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLHKLNIHPT\*RIAKPTRKK\*TRIIRIR\*VGKFVELV\*HNTLAVVYKDIYNDNRRFGRFKNSFCCTFYSK\*S\*AGILTIIVSDPLPSTEGTRQARRNRRRRWRERQRQIRQT

>B.2004.EF178427.-

MDPVDPRLEPWKHPGSKPKTDCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRSPEDSQTHQASLSKQ\*VAHVMYSMQILAIVALVVAALLAIVVWSIVLIEYRKILRQRKIDRLIDXIIERAEDSGNESEGDQEELSALVEMGHHAPWDVNDM\*CYRKIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKTMCKINPTLCYFXXL\*LWELY\*YH\*Y\*\*GKDGERGNEKLLFQYHHRIKR\*GEKRICILL\*T\*CSTNR\*\*\*\*\*Y\*CQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLYPGWFCDSKM\*X\*EVQWNRTMYKCQHSTMYTWN\*ASGINSTAVEWQSSRRRGSN\*I\*KFHKQC\*XHNSTAENPCTN\*LHKTQQQXKKRYTYGTRANIICNRRSSRRYKTSTL\*P\*\*GRLE\*HFKTDSYTIKKTIWGE\*NNSL\*SLLRRGPRNCNSQF\*LWRGXVEGNFSTVIQHNCLIVLGMVLNGQMTLEEMTQSHSHVE\*NKL\*TCGRK\*EEQCMPLQSKEKLDVHQILQGCY\*QEMVVITIMGLRFSDLEEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HPLRQREEWCREKKEQWG\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CNSRAIC\*RLLRRNSIYCNSQSGASNSSRQESWLWKDT\*RIXSSWEFGVALENSFAPLLCLGILVGVIEL\*TTFGIT\*PGCSGKKKLTITQA\*YTP\*LNNHRTNKKRMN\*NYWN\*INGQICGVGLTYQTGCGI\*KYS\*\*\*\*EA\*\*A\*E\*FLLCFL\*\*IELGRDTHHYRFRPTTQLRGDPTGPKESKEEVARETETHQFD\*

>B.2000.EF363122.-

MEPVDPRLEPWKHPGSQPKTPCTTCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAPQGRQTRQVSLSKQ\*VIHGMPSLDRLSIAAIVALVVAGIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSGLVVEMGYHAPWDVDDL\*C\*RRHVGHSLLWGTCLERSNHHPILCIRC\*SI\*\*RGT\*CLGHTRLCTHRPQPTRSTIGKCDRKV\*HVGK\*HGRTDA\*GHNQFMGSKLKAMCKINPTLCYFKLH\*SKECY\*YQ\*\*\*RGKDRGRRNDQLLFQCHHSLTR\*GEERICTFL\*T\*CSTNK\*Y\*\*YQL\*IDKL\*HLSHYTGLSKNNL\*ANSHTLLCPGWFCDSKMQ\*\*DVQWKRTMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRDSN\*I\*EFHRQC\*KHNSTAECICRN\*LYKTQQQYKKKYTYSTRESILCNRRNNRRYKTSTL\*H\*CNKME\*HFKTDS\*KIRRTIWE\*\*NNSL\*VILRRGPRNCNAQF\*LWRGIFLL\*YNKTI\*\*YLEQWYLDLEQWYLEWY\*MVK\*HYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*Y\*EQDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TTRSSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQFAEGY\*GATKTVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*IPE\*HLGKHDLDGVGQRN\*QLHRINIQLN\*RIAKPARKE\*ARIIGIR\*MGKSVELV\*HIELAVVYKNIHNDSRRLGRIKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPAGTRQARRNRRRRWRQRQRQIRSL

>B.2000.EF363123.-

MEPVDPRLEPWKHPGSQPKTPCTTCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAPQGRQTHQVSLSKQ\*VIHVMPSLDRLSIAAIVALVVAGIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSGLVVGMGYHAPWDVDDL\*C\*RRHVGHSLLWGTCLERSNHHPILCIRC\*SI\*\*RGT\*CLGHTRLCTHRPQPTRSTIGKCDRKV\*HVGK\*HGRTDA\*GHNQFMGSKLKAMCKINPTLCYFKLH\*SKECY\*YQ\*\*\*RGKDRGRRNDQLLFQCHHSLTR\*GEERICTFL\*T\*CSTNK\*Y\*\*YQL\*IDKL\*HLSHYTGLSKNNL\*ANSHTLLCPGWFCDSKMQ\*\*DVQWKRTMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRDSN\*I\*EFHRQC\*KHNSTAECICRN\*LYKTQQQYKKKYTYSTRESILCNRRNNRRYKTSTL\*H\*CNKME\*HFKTDS\*KIRRTIWE\*\*NNSL\*VILRRGPRNCNAQF\*LWRGIFLL\*YNKTI\*\*YLEQWYLDLEQWYLEWY\*MVK\*HYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*Y\*EQDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TTRSSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQFAEGY\*GATKTVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*IPE\*HLGKHDLDGVGQRN\*QLHRINIQLN\*RIAKPARKE\*ARIIGIR\*MGKSVELV\*HIELAVVYKNIHNDSRRLGRIKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPAGTRQARRNRGRRWRQRQRQIRSL

>B.2004.EF363124.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILALVALVVAIIIAIVVWSIVFIEYRKILGQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDINDL\*CCRKIVGHSLLWGTCVERSNHHAILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSSIGKCDREF\*HVEK\*HGRTDA\*GYNQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YH\*\*\*WGKDGGRRNKKLLFQYYHKHKR\*GAERICTFL\*T\*YSTNR\*R\*Y\*YQL\*VDKL\*HLSHYTGLSKGILCANSHTLLRPGWFCDSKV\*R\*EVHWKRTMYKCQHSTMYSWN\*ASSINSTAVKWQSSRRRGSN\*I\*QFHGQC\*NHNSTAERLCRN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKASTL\*P\*\*SKMG\*RFKTGSSKIKRKI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLLRFNTTV\*\*YLECY\*YLECY\*YWE\*Y\*VK\*HHTPMQNKANYKHVAGSRKSNICPSHQRTN\*MFIKYYRAAINKRWW\*\*QERDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDAGGTGQTIIVRYSATAEQFAEGY\*GATASVATHRLGHQAAPGKSPGCGKISKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNNFCYTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2004.EF363125.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKRCCYHCQTCFITKGLGISYGRKKRRQRRGAHQDSETHQASLSEQ\*VVHVMQPLQILAIVGLVVAAIIAIIVWSIVLIEYRKILRQKKIDRIIDRIRERAEDSGNESDGDQEELAALVVERGHHAPWDVNDL\*C\*RTVVGHSLLWDIRC\*RI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKTMCKINPTLCHFKLY\*CGEE\*YY\*YHNY\*YHNYYYPTNDGEGRNKKLLFQNHHKHER\*GAERICTFS\*I\*CSTNGRR\*Y\*\*Y\*L\*VGKL\*HLNHYTGLSKGIL\*ANSHTLLCPGWFCDSEV\*\*\*GVQWNRTVYKC\*HSTMYTWN\*ASSINSIAVKWQSSRRRYSN\*LCQSHKQC\*NHNSETE\*ICSTELYKTQQQYKKKYTYRTRQSILCNRKYNRRYKTSTL\*P\*\*YTME\*HFKKGSYKIRRTI\*\*\*NNSL\*TILRRGPRNCNAQF\*LWRGIFLL\*HITTV\*\*HLEWY\*VK\*\*\*RKW\*YHTPMQNKTNYKHVAGSRESNVCPSHQRTN\*MCVKYYRAAINKRWWYKQHHRDLQACRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSFFPWVLGTSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATAHVATHSLGHQAAPGKSPGCGKIPKGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*NYGPDLESHNLDAMGKRN\*\*LYRLNILLN\*RLAKPTR\*E\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCAFYSE\*S\*AGILTLIVPDPPPSSEGTRQARRNRRRRWRARQRQIRIL

>B.2004.EF363126.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKRCCYHCQTCFITKGLGISYGRKKRRQRRGAHQDSETHQASLSEQ\*VVHVMQPLQILAIVGLVVAAIIAIIVWSIVLIEYRKILRQKKIDRIIDRIRERAEDSGNESDGDQEELAALVVERGHHAPWDVNDL\*C\*RTVVGHSLLWDTCVERSNHHSILCIRC\*RI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKTMCKINPTLCHFKLY\*CGEE\*YY\*YHNY\*YHNYYYPTNDGEGRNKKLLFQNHHKHER\*GAERICTFS\*I\*CSTNGRR\*Y\*\*Y\*L\*VGKL\*HLNHYTGLSKGIL\*ANSHTLLCPGWFCDSEV\*\*\*GVQWNRTVYKC\*HSTMYTWN\*ASSINSIAVKWQSSRRRYSN\*LCQSHKQC\*NHNSETE\*ICSTELYKTQQQYKKKYTYRTRQSILCNRKYNRRYKTSTL\*P\*\*YTME\*HFKKGSYKIRRTI\*\*\*NNSL\*TILRRGPRNCNAQF\*LWRGIFLL\*HITTV\*\*HLEWY\*VK\*\*\*RKW\*YHTPMQNKTNYKHVAGSRESNVCPSHQRTN\*MCVKYYRAAINKRWWYKQHHRDLQACRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSFFPWVLGTSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATAHVATHSLGHQAAPGKSPGCGKIPKGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*NYGPDLESHNLDAMGKRN\*\*LYRLNILLN\*RLAKPTR\*E\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCAFYSE\*S\*AGILTLIVPDPPPSSEGTRQARRNRRRRWRARQRQIRIL

>B.2004.EF363127.-

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCYHCPVCFITKGLGISYGRKKRRQRRRATNDSQNHQIPLSKQ\*VVYVMLSLVILAIVALVVVAIIAIVVWSIVIIEIRKILRQKKIDRVIDRIRERAEDSGNESDGDLEELSALVERGQLEMGHHAPWDVDDL\*CCKQFVGHRLLWGTCVERSKHHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIEKCDRKF\*HVEK\*HGRTNAGRYNQFMGSKPKAMCKINSTLCYFKLH\*LG\*CYSCKYDGRNKKLHFQYHHNHER\*GAKSICTLL\*H\*CSKNK\*\*\*\*\*\*\*L\*VDKL\*HLSHYTSLSKSIL\*ANSHTLLCPGWFCDSEV\*R\*KVQWNRTMYKC\*HCTMYSWN\*ASSINSTAVKW\*SSRRRGNN\*ICQYHRQY\*NHNSTSEQLCRNYMYKTRQQYKTKYTYSTRKSILCNRCNNRKYKKSTL\*H\*YSKLE\*HLKTGS\*KITRTLPK\*NNSL\*KFLRRRPRNCNAQV\*LRRGIFLL\*YNRLVYLEWYLEWYCRGR\*QYNHTPMQNKTNYKHVAGSRKSNVCPSHPRIP\*LFIKYYRTAINKGWWS\*HEYY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSATAKQLAESY\*GATASVATHSLGHQTAPGKSPGCGEIPKGSTAPGNLGLLWKTHLHH\*CALEY\*LE\*\*KSISDLG\*HDLDGVGKRN\*ELHTNNIQLN\*RIAEPARKE\*KRIIRIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVPDPPPSQEGTRQARRNRRRRWRERQRQIRTL

>B.2004.EF514697.-

MEPVDPSLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRKQRRRTPQDSQTHQSSLSKQ\*VVHVMPSLEILAIVALVVAAILAIVVWSIVFIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELAALVEMGHHAPWDIDDL\*CYRLVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIEKCDRRF\*HVEK\*HGRTNA\*GYNQFMGSKPKTMCKINPTMCYFKLH\*LEWYCH\*S\*\*\*\*H\*\*\*YRGNKMEKGEMKNCSFNITTGIRDKIQKEYALFYKLDMVPIDDDKTNSSPTTTTSSTLTSSSVTNSNSNSSNTTSNSSQYRNYRMISCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDKNFTGKGPCSNVSTVQCTHGIRPVVSTQLLLNGSLAEEGIVIRSDNFSNNAKNILVQLKEAVVINCTRPNNNTRRGIHIGPGRAFYTTGDVIGDIRQAHCNISGTKWNNTLYQIAKKLKEQYNETNKIIFNHSSGGDPEIVMHSFNCGGEFFYCNTAKLFNSTLNNTEWSNITAENNEDKIILQCRIKQIINMWQEVGKAMYAPPISGPINCSSSITGLILTRDGGNINNNSMRDNDTFRPGGGDMRDNWRSELYKYKVVRIEPLGVAPTKAKRRVVQREKRAVGIGAVLLGFLGAAGSTMGAASVMLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAIERYLQDQQLLGIWGCSGRLICTTAVPWNASWSNRSLDQIWNNMTWMEWEREIDNYTNIIYSLIQESQNQQDKNEQELLELDKWASLWNWFSITQWLWYIKIFIMIVGGLIGLRIVFAVLSIVNRVRQGYSPLSLQTLLPAPRGPDRPEGTEEEGGERDRDRSGQL

>B.2004.EF514698.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCYHCQKCFITKGLGISYGRKKRRQRRTAPPGSQTHQDSLSKQ\*VIYVMQSLEILAIAALVVAGILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSGLMEMGHHAPWDIDDL\*CCRRIMGHSLLWSACVERSNYHSILCIRC\*SI\*KRDA\*CLGHTCLCTHRPQPTRSTIGKCDRKF\*HVEK\*HGRSDA\*RYNQFMGSKPKAMCKINPTLCYFKLHRLEQWY\*YQ\*\*\*HGNNGGRRSKKLLFQYHHRQRR\*DEERNCTFL\*T\*CSTNR\*\*\*\*\*L\*VDKL\*HLSHYTSLPKGIL\*ANSHTLLYPCRVCASKM\*R\*GVQWNRTV\*KCQYSTVYTWN\*ASSINSTVVKWQSSRR\*GNN\*I\*KFHEQC\*NHNSTAEKSCKN\*LYKTRQQYQEKYKYRTRESMVYHRTNNRRYKTSTL\*P\*\*NRLE\*NVKTDSYKIKGTIWE\*NNKLYSILRRGPRNCNTQF\*LWRGIFLL\*HNTTV\*\*YLGLE\*YWE\*Y\*RIK\*RNYHTPMQNKTNCKQVAGSRKSNVCPSHQRTN\*MLIKYYRVAINKRWWY\*RYQHY\*DLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHHGKEKSGAKRKKNSGNRSFVPWVLRSSRKHYGRSVNDTDGTGQTIIVWYSAXAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGNXGLLWKTHLHHYCALEY\*LE\*\*ISRYYLE\*HDLDGLG\*RD\*QLHRLDIHLNWRSADPTRKE\*KRIIRIR\*MGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNNFYCNFYSE\*S\*AGILTIIIPDPPPGPEGTRQARRNRRRRWRERQRQIRSI

>B.2004.EF514699.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQACFTKKGLGIIYGRKKRRQRRRSPQDSPPNQASLPKQ\*VVHVMQPLVILAIVALVAAAIIAIVVWTIVLIEYRKIVKQRKIDRLINRIIERAEDSGNESEGDQEELSAIAGMEQHALLDFADL\*CCRKLVGHSLLWGTCVERCKHHPVLCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HVEK\*HGRPNA\*GYNQFMGSKPEAMCKINPNLCCFKLHLCEHYAAP\*LYW\*RGFSGERNEKLLF\*YHHKHAR\*EAESICSFLYV\*YHTNR\*\*\*\*\*YWDQLYQL\*VNTL\*HLSNYTGLSKDIL\*ANSYTLLCPCWFCDHEM\*\*\*DIQWNRTMYKC\*HSTMYTWN\*ASSINSTVVKWQSSRKRDSN\*I\*KFHEQCKSHYSTSECICTN\*LYKSQQQYKKKYKYGTRESILYNRRHNRRHKTSTL\*P\*\*SKME\*HFKTGS\*KIKSTTWE\*NNSNSL\*SVLRRGSRNCNAQF\*LWRRIFLL\*YIKIV\*QYLG\*QYLECY\*WK\*HWKYHTPM\*NKTNYKHVAGSRKSNVCPSHQWTN\*MFIKYYRANNNKGWWY\*\*NK\*DRNLQTYRRKYEG\*LEK\*II\*I\*SSKN\*XIRNSTHPGKEKSGAERKKRTRSCVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*CATAYVATHSLGH\*AAPGKSPGCGKIPKGPTAPRDLGLLWKAHLHHCCALEY\*LE\*\*ISGTNLG\*HDLDAMGKRS\*QLHRYNL\*VT\*AIAKPTGKE\*TRIIGIG\*MVKFVELVGHNKLAVVHKNIHNDSRRLDRFKNSFYCTFYSE\*S\*EGILTIVVSDPPPSSEGTRQARRNRRRRWRERQRHIRTI

>B.2004.EF514700.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKECCFHCQVCFTKKGLGISYGRKKRRQRRRAPEGGQTHQGSLSKQ\*VVHXMQPLEILAIVALVVAIILAIVVWTIVFIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHDAPWVVVDQ\*CSRRIVGHSLLWGTCVERSKHHFILCIRC\*SI\*NRST\*CLGHTCLCTHRSQPTRSSIGKCDRIF\*HMEK\*HGRTNA\*GYNQSMGSKSKAMCKINPTLCYFKLQ\*LHPTLC\*\*H\*EY\*LH\*\*\*\*Y\*\*\*YY\*GDEWY\*YPRGDRNEKLLFQCHHKHKR\*DTERICTFL\*T\*CSTNR\*\*\*\*Y\*\*L\*VNKL\*YLSHYTSLSKGIL\*ANSHTLLYPGWFCTSKV\*Q\*DI\*GKRRMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSD\*I\*QFYKQC\*NHNSTV\*\*ICRN\*LYKTQQQYKKKYTYRTRKSILCNRKYNRKYKTSTLQY\*\*SRME\*SVKTGSCKIKRTIWE\*NNKLYSTLWRGSRNCNAQF\*LWRGIFLL\*YVKTV\*\*YLE\*N\*YLELYHY\*\*YHKK\*HTHTPM\*NKTNYKHVAGSRKSNVCPSHQRTNQMLIKYYRAVINKRWWSG\*RDR\*HHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTGSFVPWVLGNSRKHYGRSITNADGTGQTIVVWYSATAEQSAESY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*NSEGDLG\*HDLDAVG\*RN\*QLHKLNIQLT\*NITEPTRKE\*TRLIEIR\*VGKFMELV\*HNKVAVVYKNIHNDSRRLGRFKNSFCSTFYNK\*S\*AGILTIVISDPPPSTEGTRQARRNRRRRWRTRQRQINSI

>B.2004.EF514701.-

MEPIDPSLEPWKHPGSQPKTACTKCYCKQCCYHCQVCFITKGLGISYGRKKRKQRRRTPNDSQTHQASLSKQ\*VVYVMIPLYVGAIVALILAAILAIIVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*RCRPIVGHSLLWGTCVERSKHHSILCIRC\*II\*YRGS\*CLGHTCLCTHRPQPTRSSTEKCNRKF\*HVEK\*HGRPNA\*RYNQFMGSKPKAMCKINPTLCYVKLH\*CARC\*\*YY\*HHHCWYFHH\*YPHC\*FRRDKKLLF\*YHHKHKR\*DKERICTLL\*TRCSTNR\*Y\*Q\*\*L\*IDKL\*YLSHYTSLSKDIL\*ANSHTLLCPGWFCDFKM\*\*YKVQWNRTM\*KCQYSTMYTWN\*ASSVNSIAIKWQSSRRRNSN\*I\*KFHGQCEKYNSTAE\*ICEHYLHKTQQ\*YKKKYIDGTRESNVCNRTNNRRYKKSTL\*P\*\*NRME\*HFKTDS\*KIKGTIWK\*NNSL\*SFCRRGPRNCNA\*L\*LWRGIFLL\*FITTV\*\*YLEQ\*QYLNFNWS\*RVKQH\*\*\*YHTPMQNKAVYKPVAGSRKSNVCPSHPRTN\*MYIKYYRADINKRWWE\*QQHHHRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGARSSVPWVLGSSGKHYGRSVSDADGTGQTIVVWYSATAKQLADGY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IYG\*DLEQHDMDAVGKRN\*QLHRLNIQLT\*AIAKPTRNK\*TRTIGIR\*VGKFVELV\*YNKLAVVYKIIHNDSRRIDRSKNSFYYTFFSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRERQRHIRTL

>B.2004.EF514702.-

MEPVDPNLEPWKHPGSQPKTACTNCYCKXCCFHCQVCFIKKGLGISYGRKKRRQRRGPPQDSQTHQANLSKQ\*VVNVMQSLPIAAIVALVVAGIIAIVVWSIVLIEYRKILKQRKIDKLIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVERRKYHSILCIRCQXI\*YXGT\*CLGHTCLCTHRXQPTRNRLDKCDRRF\*YVEK\*HGRTDA\*RCNQFMGSKPKTMCKINTTLCYFKLH\*Y\*HDYY\*\*\*DKGWRNKKLHFQYYHKYEHTERKCSFL\*P\*CSKIRKQ\*\*E\*YYL\*VAKL\*YLSRYTGLSKDNL\*ANSDTLLYPCWFCDSKM\*R\*EFQWNRKMCKC\*LSTVYTWN\*TSSINSTTAKWQSSRRRGGN\*I\*KSHG\*C\*NHNSTPE\*ICRN\*LYKT\*\*QYKHKYTYGTRASISCNRKNNRRYKTSTL\*C\*QNKMEKHFRKGS\*KI\*KTIWRKYNHNLCSILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLV\*K\*Y\*HV\*K\*Y\*HDKYHWRSYLTSMQDKTNYKSVARSRKSNVCPSHQRTN\*MYIKYYRVIINKRWGWEQDXEQ\*DLQTSRRKYEG\*LEK\*II\*IQSSKS\*TIRNSTHQGKEKSGAERKKSNRPRSCVRWVLGSSRKHYGRSVNDADGTGQTITVWYSAAAEQSAEGY\*GATTSVATHSLGHQXAPGKSPGCGKLPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISELYLGKHDLEAMGKGN\*QLHK\*NIHLACRLAESAGKE\*TGTVRIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSXYCIIFSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIKTI

>B.2004.EF514703.-

MEPVDPRLEPWQHPGSQPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQIHQVSLSKQ\*VVHVMQPLEILAIVALXXXAIIAIVVWSIVFIEYXXILRQRKIDRLIEKIRERAEDSGNESDGDQEELSALVEMGHHALWDINDL\*CCRKFVGHSLLWGTCVERSNNXFILCIKC\*SI\*YRGT\*CLGHACLCTHRPXPTRTNIGECDRKF\*HVEK\*YGRTDAGGHN\*FMGSKPKAMCKINPTLCYFKLH\*CREXY\*YQQ\*\*\*XXDGERRNEKLLFQXHHKSKR\*GAKRICXFL\*T\*CNTNXKG\*\*\*Y\*L\*IDKL\*HLSHYTSLSKGIL\*ANSHTLLHPGWFCDSTV\*R\*EVQWNRTMXKCQHSTMYTWN\*ASXINSTAVKWQSSRRRGSN\*IRXLHRQY\*SHNSTAE\*ICSN\*LYKTQQQYKKEYTYRSRQSILCNRRYNRRYKTSTL\*S\*\*SKME\*HFKTDSYKIKRKV\*E\*NNSL\*PILRRGPRNCNAQFYLWRGILLL\*FSRIV\*\*YLEWY\*RANI\*RK\*HNHTPMQNKANCKHVAGSRKSNVCPSHQRTN\*MFIEYYRADINKRWW\*\*WGQQD\*XLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSSHQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTCQTIAVWYSATAEQSAEGY\*GATAXVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALE\*\*LE\*K\*IXGADLAEYDLDGVGKRN\*\*LHKFNIHIN\*RIAKPTGKE\*TRIIGIG\*MGQFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCYTFCGE\*S\*AGILTITVPDPPPNPEGTRQARRNRRRRWRQRQRQIQAI

>B.2001.EF514704.-

MEPVDPRLEPWKHPGSKPKTPCNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRTPPDSQSHQASLSKQ\*VVYVMQPIVIVSIVALVVVAIIAIVVWSIVFIEYRKILRQRKINRLIDRIRERAEDSGNESEGDQEELSILVEMGHDAPWDVNDL\*CCRQIVGHSLLWGTGVERRKHHSILCIRC\*SIQNRGT\*CLGHTCLCTHRPQPTRTGIGKCDRRI\*HVEK\*HGRTDA\*GYNQFVGSKPKAMCKINPTLCYFNLL\*CQYHIY\*\*DHF\*G\*HHYYERGRNKKLLFQCHLRHKR\*GTERICTFL\*R\*CSTNRY\*\*D\*L\*IDKL\*HLSHYTGLSKDIL\*ANSYTFLYPGWFCASKV\*K\*DIQWKREL\*QCQHSTMYTWN\*ASSVNSTAAKWQSSRRRGSN\*I\*KYHRQC\*NHNSTAEGTCAN\*LHKTRQ\*YKEKYTYRTRKGILYNRRHNRRYKKSIL\*HQ\*RRLE\*CFKSDSQKIKRTI\*TICK\*NNSF\*SILRRGPRNCNAQF\*LWRRIFLL\*YNTIV\*\*YLE\*YWRVK\*HQWHRNKWQYHTPMQNKTNCKLVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*W\*\*HGQCHRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TTRSSTHQGKEKSGAERKKSSGSNGSYVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAKQFAEGY\*GAAESVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISR\*HLE\*HDLESVGKRN\*QLHKRNIHLN\*EIAKPTRKK\*AGIVGIGPMDKSMELV\*YNKLAVVYKNIHNDSRRLGRLKNSFYCTFYSE\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.2001.EF514705.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKRCCFHCPVCFTTKALGISYGRKKRRQRRRASQDSQTHQASLPKQ\*VVYVMQSLEILAIVALVVAAILAIVVWTIVFIEYRKILRQRKIDKIINRIAERAEDSGNESEGDQEELSKLVERGHLGLVEMGHPAPWDVDDL\*CYRKFVGHSLLWGTCVERSHHHSILCIKC\*SI\*YRGA\*CLGHTCLCTHRPQSTGSTIDKCDRKF\*HGEK\*HGRTDARGYNQSMGSKSKTMCKVNPTMCYFKMH\*LC\*EYY\*WGEYY\*\*WY\*SEGEYY\*\*\*YY\*YH\*\*\*HGNRNEKLLFQYYHKHER\*DAERIRAFL\*T\*CSTNRWG\*Y\*L\*VDKL\*HLSHYTGLSKGIF\*ANSHTLLYPGWFCASKM\*\*\*EVQGNRTM\*KC\*HSTMYTWN\*ASSINSITVKWKSSRRRGSN\*ICQFLGQC\*NHNSTTE\*ICRN\*LYKTQQQYKKRYTYRTRESILCNRRDNRRYKTSTL\*H\*\*NKME\*NLKSDSWEIARTI\*E\*NNKF\*PTLRRGPRNCNAQL\*L\*RGIFLL\*HFTTV\*\*YLV\*HLE\*YLV\*Q\*E\*YWRVN\*RERHNLNPMQDKTNYKHVAGSRKSNVCPSH\*RTN\*LFLKHYRATINKRWWSKCYQYQ\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTYPGKEKSGAERKKSSGNRSCIPWVLGSSRKHYGRSVSGADGTSQTIIVWYSATAK\*FAEGY\*GATAPVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKAHLHHCCALEC\*LE\*\*ISDSDLG\*HDLDGMGKRN\*KLHKLNIYLN\*RIAEPARKE\*TRIIRIR\*MGKFVELV\*HNKLAVVYKTIHNDSRRLDRFKNSFYCTFYSK\*S\*AGIFTIVVSDPPPRPEGSRQARRNRRRRWRTRQRQIQAI

>B.2001.EF514706.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKRCCLHCQVCFMKKGLGISYGRKKRRQRRRTPQDSKTHQTSLSKQ\*VVHVMQPLYIAAIVGLIVALILAIVVWSIVLIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*C\*RFVGHGILWGTCVERSNHHSILCIRC\*STCYRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HMEK\*HGRTDA\*GCNQFMGSKSKAMCKINPTLCYFTLQ\*\*CYCKCYWWGESY\*NGERRNKKLLF\*YHHRNKR\*GAERICIVL\*T\*YNTNR\*\*E\*CY\*EY\*L\*VEKL\*HLSHYTGLSKGIL\*ANSHTLLYPGWFCDSEV\*RQKFQWKWTM\*KCQHSTMYTWN\*ASSINPTAVKWQSSRRRGSN\*ICQFHRQC\*NHNSTTGKSCTN\*LYKTQQQYKKKYTYGTRGSILCNRSHHRRYKTSTL\*HQ\*SRMEQHFESDSWEITRTV\*\*NNNSLSAILRRGPRSCNAQF\*LWRGVFLL\*YNTTV\*\*YLE\*YYRKVKYH\*RHHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*LFIKYYRNTINKRWW\*\*\*\*YQRDLQTCRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHRGKEKSGAKRKKSSGTRSSVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGPTAPGDLGLLWKTHLHHCCALE\*\*LE\*\*ISGSHLE\*HDLESVGKRD\*QLHRLNIQLT\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKVAVVYKNIHNDSRRLGRFKDSFCCAFYSE\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRERHRQIRKI

>B.2001.EF514707.-

MEPVDPRLEPWKHPGSXPXTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRALKDSQTHQTSLSKQ\*VLHVMPPLVILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLINRIAERAEDSGNESEGDQEELSXLVERGYLAPWNVDDL\*HY\*VGHSLLWGTCVERSNHHFILCIRC\*IL\*YRGA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSEFKAMCKINPTLRYFKLH\*L\*\*FY\*DCSR\*\*\*LDLQ\*\*\*LKGRSKKLLFQCHHKHKR\*DKDRLCTFV\*T\*YSTNR\*\*\*Y\*\*\*YQL\*ADKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKM\*\*\*DIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRERDSN\*I\*EFHE\*C\*SHNSTAK\*NYKN\*LYKTQQ\*YKKEYTYSTRESILYNRSHNRRHKTSTL\*H\*\*NRLE\*HFKKGS\*ETQSTI\*Q\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YVEY\*YYRAK\*H\*\*QQWHIHTLMQNKTNYKHVAGSRKSNVCPSNQRTN\*LFIKYYRAATNKRWW\*PKQYQYQRDLQTCRRRYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKRNRSYAPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKNHLHHCCALE\*\*LE\*\*IFRCYLEKHDLDGVGKRN\*QLHRLNILLT\*KIAKPTRTK\*TRIIGIR\*MGKFVELV\*YNKMAVVYKDIHNDNRRLDRFKNSFCCAFYSK\*S\*AGILTNIVADPLPSPEGTRQARRNRRRRWRERQRHIREI

>B.2001.EF514708.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIQKALGISYGRKKRRQRRRPPPGSQTHQVSLSKQ\*VVHVMQPLEIYTIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLLDRIIERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CYKYVGHGLLWGTCVERSIHHSILCIRC\*SI\*RRGT\*YLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSRPKAMCKINSILCCFKLHYCEGKGE\*H\*XQ\*YRKKLLFQCHHKHKE\*EAERICTF\*YA\*YNANKYY\*R\*\*KLCRLYVDTL\*HLSH\*TDLSKGIL\*TNSHTLLYPGWFCDSKM\*\*EEFHWNRTM\*KCQHSTMYTWN\*ASSVNSTTVKWQXSRRRDSN\*I\*KFHKQC\*NHNSTAEXXCSN\*LYKTQQQYKKKYTYRAGGSIFCNRRHNRRYKTSTL\*H\*\*\*TMG\*HFNKXSCKIKRTI\*YNNRL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*WHLATE\*DYRG\*\*HHHTPMQNKTNYKQVAGSRKSNVCPSH\*RTN\*LFIKYYRAAINKRWW\*SERDQRH\*DLQTWRRRYEGQLEK\*II\*I\*SNKN\*ASRNSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISGPDLAKHDLDAVGEGN\*QLHRLHIHLT\*RIAEPARKE\*TGTIGIG\*VGQFVELV\*HNTLAVVYKNIHNDSRRFSRFKNSFCCTFYSE\*S\*AGILTIVIADPPPSPEGTRQARRNRRRRWRQRQRHIKAV

>B.2001.EF514709.-

MEPVDPSLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFMSKGLGISYGRKKRRQRRRAPQDSQTHQGYLXKQ\*VIYVMQPLVILAIVGLVVAIILAIIVWSIVFIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEVGHHAPWNVDDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIEKCDRTF\*YVEK\*HGRTNA\*GYN\*FMGSKPKAMCKINPTMCYFKLX\*CYFKXS\*IE\*E\*X\*\*\*E\*Y\*YQ\*\*\*HEINDGGRRNEKLLFXYXHKHKR\*DTKRICSFLYS\*XSTNR\*X\*YQXYIDKL\*HLSHYTXLSKDIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTMYKCQHSAMYTWN\*ASSVNSTAVKWQSSRRRGXT\*I\*KFYGQY\*NHNSTAERSCKN\*LYKTQQQYKEKCTYRTRESILCNRRYNRKYKTSTL\*H\*\*NKME\*HSRTDSQKIKRTI\*E\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLE\*YYRVK\*H\*KK\*HNHTPLQNKTNCKQVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*RKRA\*DLQTWRRRYEG\*LEK\*VI\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSGRTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*KSKSDLG\*HDLDAVGKRN\*QLHKXNIHLN\*RIAEPARKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVADPPPSTEGTRQARRNRRRRWRERQRHIRTI

>B.2001.EF514710.-

MEPVDPRLEPWKHPGSKPKTPCTNCYCKQCCFHCQVCFTTKGLGISYGRKKRRQQRRRAPPDSQSHQASLSKQ\*VVDVMLPLVIVSIVALVVVAIIAIIVWSLVFIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSILMEMGHDAPWDANDL\*CCRSIVGHSLLWGTCVERCNRHFILCIRC\*RIPYRGT\*CLGHTCLCTHRPQPTRNSIGKCDRRI\*HVEK\*HGRTDA\*GYNQFVGSKPKAMCKINPTLCHFKMH\*CH\*K\*\*\*\*YYHFCP\*HHCSRGTDGRWNKKLLFQCYRRHKR\*DAERICTFL\*S\*YSTNR\*\*W\*LYIDKL\*HLSHYTGLSKNIL\*ANSHTFLCPGWFCDSKM\*Q\*DVQWKRAM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSNQI\*QFHRQW\*SHNSTAERTCEN\*LHKTQQQYKKKYTHRTRKGILYNRRHNRRYKTCLL\*PQ\*RRME\*GFKSDSQKIRRTICK\*NDSF\*PILRRGPRNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*Y\*QLKYHKWHYHTPM\*NKTNCKFVAGSRKSNVCPSHQGTN\*MLIKYYRADINKRWW\*\*HKQYHRDLQTWRRGYEGQLEK\*II\*V\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSGRKHYGRSVTDADGTGQTIIVWYSATAKQFAEGY\*GAAASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALE\*\*LE\*K\*ISGGHLGKHDLESVGKRN\*QLHRLNILLN\*GIAKPTRKE\*KGLIGIGSMGKFVELV\*YNKMAVVYKNIHNDNRRLDRFKNSFYCTFYSE\*S\*AGILTIIVPDPPPSQEGTRQARRNRRRRWRERQXQIRSL

>B.2001.EF514711.-

MEPVDPRLEPWKHPGSQPKTACNTCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRAPQSSESHQVSLSKQ\*VAHVMQSLQIVAIVALVLVAILAIAVWSIVFIEYRKILRQRRIDRLIDRIGERAEDSGNESDGDQEELSALMGMGHHAPWDINDL\*CCRKFVGHSLLWGTCVERSNHHSILCIRCQSI\*YRSTQCLGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCFFTLR\*FE\*Y\*\*FECY\*YH\*\*\*RGDDGKRRNKKLLFQYHHKHKR\*GAEGICIFL\*T\*CNTNR\*Y\*L\*VDKL\*HLNHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMHTWN\*ASSINSTTVKWQSSRRRGSN\*ICQFHR\*C\*SHNSTAE\*ICSN\*LYKT\*QQYKKKYTYGTRQSILHNRTNNRGYKTSTL\*H\*\*RKME\*HFKTDS\*KIKRTIWGK\*NSSL\*SILRRGPRNCNAQF\*LWRGILLL\*HNTIV\*\*YLE\*Y\*RVK\*\*CRK\*HNHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*MLIKYYRADINKRWW\*RRERDDRDLQTRRRRYEGQLEK\*II\*I\*SSKN\*TSRSSTHQGKEKSGAERKKSSGTRSFVPWVPGSGRKHYGRSVSDADGTGQTITVWYSATAKQFADGY\*GATASVETHSLGHQAAPGKSPGRGKVPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISGLYLGQHDLDAVGKRD\*\*LHKLNIQLT\*RLAKPARKE\*TRIIGTR\*MGKFVELVQHNKLAVVYKNIYNDSRRLGRFKNSFYYIFCSE\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRRIRAI

>B.2001.EF514712.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVYVMQPLQIAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRIIDRLIERAEDSGNESEGDQEELSALVEMGHHAPWIIDDL\*CYRKTVGHSLLWGTCVERSRHHSLLCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTGITIGKCDRKFYHVEK\*HGRTNA\*GYNQFMGSKPKTMCKNNPTLCYFRLH\*CKE\*Y\*YH\*\*WRERI\*CH\*\*\*RGRRHEKLLFQYHHNHG\*GAGRTCNFL\*P\*YSTNG\*\*\*\*D\*NC\*\*\*D\*\*E\*YQI\*ADKL\*HLNHYTSLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINPTAVKWQSSRRRGSS\*ICQFHRQY\*NHNSTAERSCRN\*VYKTLQQEKRKDTYRNRENISDNKNSRWRYKKSILYS\*WNKMERHFSTDS\*KIKRTI\*Y\*\*NNL\*\*LLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLE\*EYLE\*EYME\*YREYYP\*KK\*NYHTLMQNKTNYKHVAGSRKSNVCPAHRRTH\*LFIKYYRAAISKRWG\*QEQERE\*RERDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKRSNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWHSATAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGALGLLWKNHLHHYCALGCCLE\*\*ISR\*NLG\*HDLDAVGKRN\*KLHKQNIHLN\*RIADPTRKE\*KRIIGIR\*MGKSVELV\*NIKLAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRNIRTI

>B.2003.EF637046.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRAPQDSENHQVSLSKQ\*VVHVMQPLQPLVIVSIAALVVVTIIAIVVWTLVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHDAPWNVNDDL\*CYKRTIVGHSLLWGTCVERSNYHFILCIRCESI\*NRDA\*CLGHTCLCTHRP\*STRSSIGKCDRKF\*HVEK\*HGGPDA\*GYNQFMGSKPKAMCEINPNLCYFTLH\*LY\*Y\*C\*YL\*\*SSYQ\*\*QVGRYEGRNKKLLFQYHHRHKR\*GEKRTCTF\*\*T\*CSTNR\*CREW\*\*DKLYVKKL\*HLNDYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*NIQWIRAM\*KCQHSTMYTWN\*ASSVHSTAVKWQPSRRGDSN\*I\*KFHGQC\*NYNSTTEYICRN\*VYKTQQQYKKKYTYGMGESILCNRRNNRKYKTSTL\*Y\*WNKLD\*HFKAGSSKIRRI\*\*\*NNSL\*SIFRRGPRNSNAQF\*LWRGIFLL\*YNTAV\*\*\*\*VGEWWVE\*YYEEWNYHPPMQNKTNCKQVAGSRKSNVCPSHQRTN\*LYITNYRAALNKRWWY\*PDQQ\*NLQTSRRRYEGQLEK\*II\*I\*SSEN\*AIRSSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSGNDADGTGQTIIVWYSATAEQLAESY\*GATAYVAAHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IFE\*DLG\*HDLDGVGKRN\*QLHRLNILLT\*RLAKPTRKE\*TRLIGIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRFDRFKNSFYCAFCSK\*S\*AGILTIIVPDPPPNPEGTRQARRNRRRRWRARQRQIRKI

>B.2003.EF637047.-

MEPVDPRLEPWKHPGSQPQTPCTKCYCKKCCFHCIVCFTRKGLGISYGRKKRRQRRRAHQGSPPHQVSLPKQ\*VINVMQALEIVAIVALVVAAIIAIVVWTIVLLEYRKILRQRKIDRLIDRIRERAEDSGNESEGDREELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERGNYHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*SK\*NSIGKCDRKF\*HVEKQHGRTDA\*GYNQSMG\*EPKAMCEINPPLCHFKLH\*CV\*Q\*YSN\*LFYY\*FRNEKLLFRY\*HKNRKYTKRTCNF\*\*T\*YSTNRARRTA\*KIYVEKL\*HLSHYAGLPKDIL\*TNSYTFLCPGWFCDSKV\*\*\*NVQWKRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGNN\*V\*KFHGQC\*KHNSTAK\*VCRN\*LYKTQQQYKKEHTYGMGKSILCNRKDHRKYKTSILQH\*\*NKME\*HFKKNSYKIKRTI\*E\*NNSF\*FILGRGPRNCNT\*FYLWRGIFLL\*YIKAV\*\*YLDLEWYWA\*NGK\*QHRKHNRNYTPMQNKTNYKQVAGSRKSNVCPSHQWNN\*MYIKYYRATVNKRWW\*CK\*YH\*YLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRSSTHQGKEKSGAERKKRSGNIRSYVPWVLRSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKNPGCEKIPKGSTAPRDMGLLWKTHLHHCCALEY\*LE\*\*ISG\*HLE\*HDLDGVGERNRQLHKYNIQVT\*RIAEPTRQE\*TRVIRIG\*VGKFVELV\*HNKLAVVYKNIHNDSRGLSRFKNSFYCDFNSE\*S\*EGILTIIIPDPPPSPEGTRQARRNRRRRWRERHRQVQKI

>B.2003.EF637048.-

MEPVDHRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRGAPQGSPTHQVPLSKQ\*VVYVMQALEIGAIVALVVAAILAIVVWTIVGIEYRKILRQRKIDQLIDRIRERAEDSGNESEGDQEELAGLVEMGHHAPWDVNDL\*C\*\*SIVGHSLLWGTCVERRKNHSILCIRC\*SI\*HRGT\*CVGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFRL\*P\*C\*\*YQW\*P\*CYYYQWDQ\*CYYYPCAGGEGNKKLHFQYHNRLKR\*GETRLCTF\*\*P\*CSTNRQEQYKLYVGKL\*HLSHYTGLSKGNL\*TNPHTLLCPGWFCDSKV\*\*\*DI\*WNRAMHKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*N\*KLHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYTNGTGESHVCNRRHSRKYKTSTL\*H\*WRKVE\*HFKTDSYKIT\*TI\*\*NNSL\*SILRRRLRNYNAHF\*LCRGIFLL\*YNTVV\*\*YLG\*WCLD\*WYLVQ\*Y\*YHTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*LFIKYYRAAINERWW\*GQQYFRNL\*TCRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKGGAERKKSSDTRSCVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATAKQLAEGY\*GATEYVATHRLGHQAAPGKSPGCGKISKGSTAPRNLGLLWKTHLHH\*CALEH\*LE\*QIRERHLE\*HDLDGVGERN\*QLHRLNIQLT\*KIANPARKE\*TRLIVIG\*VDKFVVLV\*HNKLAVVYKNIHNDSRGFNRFKNSFYCIFYSE\*S\*AGILTIIIPDPPPSHEGTRQARRNRRRRWRERQRHIRTI

>B.2003.EF637049.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKQCCFHCQACFITKGLGISYGRKKRRQRRRAPQDNQSPQVSLSKQ\*VIHVMQSLQIVAIVALVVTAIIAIVVWSIVLIEYRKLLRQRKIDRLIDRIRERAEDSGNESEGDQEELAGLVERGHLAPWDVDDL\*C\*RRKIVGHSPLWSACVERSDHHSVLCIRG\*SL\*HRGT\*CLGHTCLCTHKP\*PTRSRIEKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPNLCYVKLH\*LYWCQWYLCQWYQWCWYQL\*\*YQ\*Y\*\*YQ\*\*\*SGRHEGRNKKMFFQYHHTTRQ\*SEERICTL\*YA\*YSTNR\*\*NR\*YNR\*YKLYVKKL\*HHSHYAGLSKGIL\*TNSHTLLYPGWFCDSTM\*\*KKVQWNRTM\*KCQHSAMYTWHQASSVNSIAAKWQSSRRRSNN\*I\*KFHGQC\*NHNSAAEPICRN\*LYKTQQQYKKKYTSRARERILCNR\*HNRKYKASTLHH\*\*NKMDKHFKTDREKIRRTI\*\*DNTL\*AFLRRGPRNCNAHV\*LWRRIFLL\*HNTAV\*\*YYVK\*Y\*KAR\*HKSKYHTPMQNKTNYKQVAGSRKSNVCPSHQWNN\*MYIKYYRATTNKRWW\*W\*WY\*VR\*QYRVLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVTDADGTSQTIIVWYSATAEQFAEGY\*GATAYVATHSLGH\*AAPGKSPSCRKLPKGSTAPRDLGLLWKNHLHHCCALEY\*LE\*\*ISRLHLGKHDLDAVGERN\*QLHRINIHFT\*RIAEPTGTE\*TRIIGTR\*MDKFVELV\*HNKMAVVYKNVHNDSRRLNRFKSNFYCNFSSE\*S\*AGILTIVIPDPLPSSEGTRQARRNRRRRWRERQRHIHKI

>B.2003.EF637050.-

MEPVDPRLEPWQHPGSQPKTPCTRCYCKKCCLHCQVCFTTKGLGISYGRKKRRQRRRPTPDSQTHQVSLPKQ\*VINVMQSLQILAIVSLVIVAIIAIVVWTIVFLEYRKILRQRKIDRLLERIRERAEDSGNESEGDQDELAELIEVGHHVPGDANDM\*CSK\*LVGHSLLWSACVERSNYHPILCIRC\*SI\*HRGT\*CLGNTCLCTHRP\*PAGSRIGRCNR\*F\*HVEKEHGRPDE\*RDSQCMGSKRKAMCKISPTLCYSKLH\*FE\*\*C\*\*DQY\*\*\*\*\*ERDKGRNKKLLF\*YHHKQKK\*IAERICTFL\*A\*YSTNR\*\*\*NKQ\*YR\*YKLCKLYIDKL\*HLNHYPSLSKGIL\*TNSHTLLYPGWFCDSKM\*\*EELHWNRTM\*KCQYSTMYTWN\*ASSVNSIAVKWQSSRRRDSN\*I\*KFHGQC\*NHNSTAE\*ICSN\*LYKTQQQYKKKYTYGTRESMVHNRRNNRKYKRSTL\*P\*\*NKME\*HFKTDSYKIRKLL\*QQNNNLY\*LLRRGP\*NCNSQFYLWRGVFLL\*YNTAV\*\*YLVF\*WYFE\*YWYLEWY\*GVK\*HYHTPMQNKTIYKQVARSRKSNVCPSHQRTN\*MLIKYYRAAINKRWRESERV\*RD\*DLQTWRRKYEGQLEKGII\*I\*SSKN\*TIRSRTHQSKKKSGAEREKSSGNRSSVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSATAKQLADGY\*SATASVEAHSLGHQAAPGKSPSCRKIPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*ISRLYLE\*HDLDAVGKRD\*QLHRGNIQLN\*KIAKPARKE\*TRLIGIG\*VGQFVELV\*HNKLAVVYKNIHNDSRRLNRIKNSFYCTFYSK\*S\*EGILTIIVPDPLPDPEGTRQARRNRRRRWRERQRQIQSI

>B.2003.EF637051.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCYHCPVCFIKKGLGISYGRKKRRQRRRSPQDSQTHQVSLSKQ\*VVHVMQALIIAAIVALVIVAIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCREVVGHSLLWGTCVERSNHHSILCIRC\*SI\*RRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEK\*YGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*LDK\*NYPYQ\*\*S\*ERDGGRKKKLLFQYHHRHKK\*GAERICYFL\*T\*CSTNR\*\*\*YKLYVDKL\*YLSHYTGLSKGNL\*TNPNTLLCPGWFCDSKV\*\*\*GVQWNRAM\*KCQHSTMYTWN\*ASSINSIAIKWQPIGRRGSN\*V\*KSHKQC\*NHNSTAERICRNSLYKTW\*\*YKQKYTHGTGASILCNRRNNRRYKTSTL\*Y\*\*NKMGQHFKPDSYKIKRTI\*\*NNIL\*SLLRRGPRNCTTQF\*L\*RGIFLL\*YNTAV\*\*YLGVK\*\*WHK\*\*WHK\*\*WHKYHTPMQNKTNYKQVAGSRKSNVCSSHQGKY\*LYIKYHRDTINKGWWYQPDQ\*NRNLQTWRGRYEG\*LEK\*II\*I\*SSKN\*AIRSSTHHGKEKSGAERKKSSGDRSFVPWVLGSSGKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEY\*LE\*\*ISGYHLG\*HDLDAVGERN\*QLHRLNIQLT\*GIAKPTRKE\*TRIIGIG\*LGKFVELV\*HIKLAMVYKNIHNDSRRLSRLKNSFHCAFYSK\*S\*AGIFTIVIPDPPPSHEGTRQARRNRRRRWRERQRQIRSV

>B.2003.EF637053.-

MEPVDPNLEPWKHPGSQPRTACTPCYCKKCCYHCQSCFLTKGLGISYGRKKRRQRRGTPQDSQSHQVSLSKQ\*VVHVMQSLQIVAIVALVVASLIAIVVWSIVLIEYRRILRQRKIDRLIDKIRKREEDSGNESDGDQEELSALLGHHAPGDINNL\*CCRTIVGHSLLWGTCMERCNHHSILCIRC\*SSGHRGT\*CLGHTCLCTHRPQPTRSSIRECDRKF\*HVEKQHGRTNA\*GYN\*FMGSKPKTMCKINPTLCYFKMH\*FDIE\*CY\*GNK\*Q\*\*YC\*\*GNEELLFQRHHKHKK\*DDERICAFL\*T\*YSTNR\*KG\*YKLYTDKL\*HLSHHTSLSKGIL\*TNSHTLLCPGWFCAFKM\*\*\*EIQWNRTMYKCQHSTMYTWN\*ASSVNSTTVKWQPSRRRDSN\*I\*KSHEQC\*NHNSTAE\*NCRD\*LYKIQQQYK\*RYTYGTGESILCNRRNNRRYKESTL\*P\*SNKME\*HFKTDSYKIRRTI\*K\*NKNKL\*SLLRRGPRNCNAQF\*LWRRIFLL\*YNAAV\*\*YLAQEYNSEQYLAQE\*NYLANEWKYWRED\*\*YYHTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYHRAAINKRWWWGQRV\*V\*DLQTWRRKYEG\*LEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKSPSCRKVPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*NSK\*NLG\*HDLDAVGQRN\*QLHTINLYLN\*RSAKPARKE\*TRIIGIR\*MGKFMELV\*HNTMAVVCKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIVIPDPPPSPEGTRQARRNRRRRWRERQRQIHSI

>B.2003.EF637054.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRDHQNSPANQVPLSKQ\*VVYVMQSIQIVAIVALVVVAIIAIVVWTIVGIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVDMGHLAPWNVDDL\*Y\*RRQIVGHSLLWGTCVERSNHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGECDRKL\*HVEK\*HGRTDAGGYNQFVGSKLKAMCKINSTLYYFKLL\*YREKCYRYQGREKYYR\*\*YKGRNKKLLFQCHKHRE\*GAERTCNF\*\*T\*CSTNK\*\*DK\*\*YKLYKLYVDKL\*HLSRHTGLSKGNL\*TNSHTLLCPGWFCDSKV\*\*\*EIQGIRTM\*KCQCSTMYTWN\*ASSVNSTAVKWQFSRRRGNN\*I\*KFHEQC\*NHNSTAEWNYTN\*LYKTQQQYKKKYKYGTRESILCNRRYNRRYKTSTL\*H\*\*KRLEQNFRTDS\*KIKGTIW\*\*NNKL\*AIRRRGPRNCNAQF\*LWRGIFLL\*YSEAVQ\*HVDLE\*YSE\*F\*H\*\*NQHNHTPMQNKTNYKQVAGSRKSNVCPSYQRTN\*MFLQYYRVAINQRWW\*Q\*\*QRDLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRISTHQGKEKSGAERKKSSGNNGSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAESY\*GATAYVAAHSLGHQAAPGKSPGCRKIPTGSTAPRDLGLLWKTHLHHYCALEY\*LE\*QVFG\*HLAEHDLDGVGERNWQLHKIHIHLT\*RIAEPTGK\*\*KRIIRIG\*VGKFVELVYHNKLAVVYKNFHNDSRRLNRFKNSFCCTLYSE\*S\*AGILTLVIPDPPPSHLEGTRQARRNRRRRWRARQRQINSL

>B.2003.EF637056.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKGCCLHCQVCFMTKGLGISYGRKKRRQRRRPPQDSPTNQRSLSAQ\*VVYVMQPLQSLQIAAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRITERAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*CRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRPDA\*GCNQFMG\*KLKAMCTINPTLCHFRLY\*L\*YY\*\*N\*\*N\*\*K\*Y\*FGNGRGRTKKLLFQCHHRYKK\*GKKGVCNF\*\*T\*CSTNR\*Q\*\*Q\*\*LYDNKL\*HLSHYPGLSKGIL\*TNSYTLLYPGWLCDSKV\*\*\*NVQWNRTM\*KCQYSTMYTWNQTSSVNSTVVKWQLSRRRHNN\*I\*KSHK\*C\*KHNNTAE\*NYKN\*LYKTQQQYKKKYTFRTWAGILCNRRYNRRYKTSTL\*H\*WTRLEQNLNTDS\*KIKRTI\*\*INTIYKTLRRRPRN\*NA\*F\*LWRGIFLL\*YNKAV\*WHLGWY\*ME\*YCMGK\*HAYTSMQNKTNYK\*VAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKRWW\*Q\*Q\*V\*NFQTRRRIYEGQLEK\*II\*I\*SSKNRAIRNSTQQGKEKSGAKRKKGSGDR\*DVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAKQFAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGMLWKTHLHHFRALEY\*LEQ\*NLE\*DLE\*HDMDAMGKRN\*QLHRHNIHLT\*RIAKPTRKE\*TRIITIRLMGKFVELVGHIKLAEVYKNIHNNNRRLNRFKNSFYCNFYSK\*S\*AGILTPIVPDPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2003.EF637057.-

MDPVDPNLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRPPQDSEAYQASLPKQ\*VVHVMQPLAIVSIVALVVAAILAIVVWTIVYIEYKKIVRQRKIDRLIDRITERAEDSGNESEGDQDELSAIMERGYLAPWDVNDL\*CCRPIMGHSLLWGTCVERSKHHSVLCIRC\*SI\*YRGSQCLGHTCLCTHRPRPKRSSIGKFDRRF\*HVEK\*YG\*TDASGYNQSMGSKSKAMCKINPSLCYFKLQ\*F\*WNCY\*\*\*\*WECY\*\*Q\*WEWFGERDDGRNKELLFQYHHRHER\*GAGKICTFL\*T\*YSINR\*E\*EWQQL\*VDKLQHLSPYTGLPKGIL\*ANPHTFLCPGWFCDSKV\*\*\*EVQWSRTMYKCQHSTMYTWN\*ASSINSTTVKWQFSRRKGNN\*IKKFLGQY\*NHNSTAE\*ISSNKLYKTQQQYKKKYTYRTRESILWNRNHRRYKKSTLYP\*\*NTMEQHFTTGSYRIKRTI\*K\*NNRLYEFLRRGPRNYNA\*F\*LWRRIFLL\*YNKTVWGYLGW\*YLELE\*\*\*K\*YHHYHTPMQKKTNHQHAARRRKSNVCQYN\*RTN\*ISIKYNRAVKNKRWW\*GGQCE\*DLQTWRRRHEGQLEK\*II\*I\*E\*\*KWYH\*E\*HPPGQKEEWCREKKRPGTRSFVPWVLGSSRKHYGRSVTDADGTGQAITVWYSATAEQSAESY\*GATSTVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHFCALEC\*LE\*\*ISG\*YLE\*HDLDAMGKRN\*KLYSRDI\*INWRSAKPARKE\*KRPVGIG\*LGKFVELV\*HNKLAVVYKNIYNDHRRLDRFKNSFCCTLYSEES\*AGILTIVIADPPPNPEGTRQARRNRRRRWRARQRQLHKI

>B.-.EF694037.-

MEPVDPKLEPWKHPGSQPRTACTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPHDCQDHQVFIPKQ\*VVHVMQPLVLAAIVALVVAVIIVIVVWSIVIIEYRKLLRQKKIDRLIDRIRERAEDSGNESDGDQEELSGLVEMGHQALWDTDDL\*CCRPIVGHSLLWGTCVEGSNHHAILCVRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLH\*LEE\*Y\*YQ\*\*\*RGNGGARRNKKLLFQYHHKHKR\*GAERICIIL\*A\*CSTNRKG\*YQLCQL\*VDKL\*HLKPYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWNGTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHEQC\*NHNSTAERSCRN\*LH\*TQQQYKKKYTSRTRGSILCNRKHNRRHKTSTL\*H\*\*SKME\*HFKPDS\*KIKRNSWEESNSSL\*FILRRGSRNCNAQF\*LWRGIFLLYYNTTV\*\*YLVE\*Y\*KDK\*H\*RKHRKYHTPMQNKADCKPVADSRKSNVCPSHQRTN\*MFIKYYGAAINKRWW\*SQYHGRELQTWRRRYEGLLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSRNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*PAEGY\*GATASVATHSLGHQATPGKSPGCGKVPKGSTAPGNLGLHGKTHLHHCCALEH\*LE\*\*ISRCDLG\*HDLDGMGKRN\*QLHKQNIHLN\*RIAEPTRKE\*TRIIGIR\*MG\*FVELV\*RIKLAVVYKNIHNGSRRLGRFKSNFYCTFYSE\*S\*AGILTIVVSDPLPRPKGTRQARRNRRRRWRERQRQIQSI

>B.2004.EU547186.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFMQKGLGISYGRKKRRQRRGTPQDNKNNQVSLSEQ\*VVNVMQLLIISAIVALVVVAIIAIVVWTLVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDLEELSALVEMGHNAPWDVNDL\*CKSIVGHSLLWGTCVERGNHHSILCIRC\*SICHRGA\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*FD\*YH\*FD\*YH\*QWD\*YH\*QWGHRNDKLLFQYYHRYKR\*GATRICTFLQT\*CSTNK\*\*WE\*Y\*L\*VGKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*EIQWNRTMHKCQHSTMYSWN\*TSSINSTAAKWQSSRRRGSNQICQFHK\*C\*NHNSTSE\*NCRN\*LYKTPQQYKKKYTYGMGESILCNRTNNRRYKTSTL\*C\*QQEMEQNVRTSSCKTKRTI\*QNNSL\*KFLRRGPRNCNAQL\*LWRGIFLL\*YKSTF\*\*YLEWYRRVR\*HNGQRYLTSMQNKTNCKHVAGSRKSNVCPSYPRTN\*MFIKYYRATISKRWW\*\*YNQ\*\*DLQTWRRRHEGQLEK\*II\*I\*SSKN\*TSRNSTHQGKEKSGAERKKSSGNTRSYVPWVLGNSRKHYGRSVSDADGTGQTIIVWYSATAKQYAEGY\*GATASVATHSLGHQAAPSKSPGCRKIPTGSTAPRNLGLLWKTHLHHFCALEY\*LE\*\*ISGRHLGQHDLDGVGERN\*QLHKLNIHLT\*RIAEPARKE\*TRFISIG\*VGKFVELV\*HNKLAVVYKDIHNDSRRLGRFKNNFYCTFFSK\*S\*AGILTFVISDPLPSPEGTTRQTRRNRRRRWRERQRHIQAI

>B.-.EU616639.-

MEPVDPSLEPWKHPGSQPKTACTTCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQSSQTHQDSLSKQ\*VIHVMQSLQILAIAALIVAAIIAIVVWSIVVIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDQEELSKLVEMGHLAPWDIDDR\*CSRTIVGHSLLWGTGVERSKHHSILCIRC\*SI\*YGGT\*CLGHTCLCTHRPQPTRSKIGKCDRKL\*YVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*CKHHQ\*HQWNRDQH\*QPHREDGNNRRSKKLLF\*YHHSDRK\*AAERICTFL\*T\*YSTNG\*GYI\*VDKV\*HLSHYTSLSKGIL\*TNSYTLLCPGWVCDSKV\*\*\*EVQWKRTM\*KCQHSTVYTWN\*ASSINSTTVKWQSSRRRNSN\*I\*KFLEQC\*NHNSTAK\*SCKHYLYKTPQQYKKKYTFGTRESILCNRRHNRKDKTSTM\*H\*\*NRLEEHFKQDS\*EVTRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*SVKQH\*GKWHNNTPMQNKTNYKHVAGSRKSNVCPSH\*RTN\*MYIKYYRAAINKGWW\*W\*ERDRERDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGTLGLRWKTHLHHCCTLEY\*LE\*\*ISR\*YLE\*HDLDGVGKRD\*QLHKLNIHLN\*TIAKPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYTNIHNDSRRLGRFENSFCCTFYSE\*S\*AGILTIIVSDPPPSPKGTRQARRNRRRRWRERQRQIRAI

>B.-.EU616640.-

MEPVDPSLEPWKHPGSQPKTACTTCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQSSQTHQDSLSKQ\*VIHVMQSLQILAIAALIVAAIIAIVVWSIVVIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDQEELSKLVEMGHLAPWDIDDR\*CSRTIVGHSLLWGTGVERSKHHSILCIRC\*SI\*YGGT\*CLGHTCLCTHRPQPTRSKIGKCDRKL\*YVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*CKHHQ\*HQWNRDQH\*QPHREDGNNRRSKKLLF\*CHHSDRK\*AAERICTFL\*T\*YSTNG\*GYI\*VDKV\*HLSHYTSLSKGIL\*TNSYTLLCPGWVCDSKV\*\*\*EVQWKRTM\*KCQHSTVYTWN\*ASSINSTTVKWQSSRRRNSN\*I\*KFLEQC\*NHNSTAK\*SCKHYLHKTPQQYKKKYTFGTRESILCNRRHNRKDKTSTM\*H\*\*NRLEEHFKQDS\*EVTRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*SVKQH\*GKWHNNTPMQNKTNYKHVAGSRKSNVCPSH\*RTN\*MYIKYYRAAINKGWW\*W\*ERDRERDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGTLGLRWKTHLHHCCTLEY\*LE\*\*ISR\*YLE\*HDLDGVGKRD\*QLHKLNIHLN\*TIAKPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYTNIHNDSRRLGRFENSFCCTFYSE\*S\*AGILTIIVSDPPPSPKGTRQARRNRRRRWRERQRQIRAI

>B.-.EU616641.-

MEPVDPSLEPWKHPGSQPKTACTTCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQSSQTHQDSLSKQ\*VIHVMQSLQIVAIAALIVAAIIAIVVWSIVGIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDQEELSKLVEMGHLAPWDIDDR\*CSRTIVGHSLLWGTGVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKL\*YVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*CKHHQ\*HQWNRDRQ\*DGNKRRSKKLLF\*CHHSDRK\*AAERICTFL\*T\*YSTNE\*\*YI\*VDKV\*HLSHYTSLSKGIL\*TNSYTLLYPGWVCDSKV\*\*\*EVQWNRTM\*KCQHSTVYTWN\*ASSINSTTVKWQSSRRRNSN\*I\*KFLEQC\*NHNSTAK\*SCKHYLYKTPQQYKKKYTFGTRESILCNRRHNRRYKTSTL\*H\*\*NRMEEHFKQDS\*EVTRTIWE\*NNSL\*SILRRGPRNCNAQFQLWRGIFLL\*YNRTV\*\*YLE\*Y\*SVKQH\*GK\*HNNTPMQNKTNYKHVAGSRKSNVCPSH\*RTN\*MYIKYYRAAINKGWW\*W\*ERDRGLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGTLGLRWKTHLHHCCTLEY\*LE\*\*ISR\*YLE\*HDLDGVGKRD\*QLHKLNIHLN\*TIAKPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYTNIHNDSRRLGRFENSFCCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRAI

>B.-.EU616642.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKGCCLHCQVCFMKKALGISYGRKKRRQRRRAPDSSQNHQASLSKQ\*VVHVMKSIQIAAIVALVVGVIIAIIVWTIVFIEYRKIKRQRKINRLIDRITERAEDSGNESDGDQEELLALGGHLAPWXVNDL\*CYRKVVGHSLLWGTCMERSNHHSILCIRC\*SICYRDAQCLGHTCLCTHRP\*PTRSSIDKCDRKF\*HVEK\*HGGTDAGGYNQFMGPKPKAMCQIDPTMCYFKLH\*IEE\*Y\*WECYTGSGRRNKKLLFQYHHQPKR\*GTDSICKFL\*A\*CSTNR\*K\*YQLWK\*YQL\*VDKL\*YLSHYTGLSKDKL\*TNSHTLLCPSWFCDPKV\*Q\*DVQWDRTMYKCQHSTMYTWN\*ASSNNSTAIKWQSSRRRGSN\*IRQFHRQC\*NHNSTSE\*ISRN\*LYKTQQQYKEKYTYRTRESILCSRRHNRKYKKSTLYH\*WNKMEYHFTTGS\*KTKRTIW\*\*NNSL\*PILRRGPRNCNAQF\*L\*RGIFLL\*YIRTV\*\*FLVY\*WFLVW\*\*RVRK\*HNYTPMQTKTIYKHVAGSRKSNVCPSYPRTN\*LFIKYYRAAINKRWWQ\*Q\*\*\*\*DRDL\*TWRRRYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFIPWVLVSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGQSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*QKLYRHLGQHDLDAVGKRN\*\*LHRNNIHITSRITKPARKE\*TRIIGIR\*MGKFVELVYHNKLAVVYKNIHNDSRRLDRVKNSFYCTFYSE\*S\*EGILTIIVPDPPPSREGTRQARRNRRRRWRERQRQIRDI

>B.-.EU616643.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKGCCLHCQVCFMKKALGISYGRKKRRQRRRAPDSSQNHQASLSKQ\*VVHVMKSIQIAAIVALVVGVIIAIIVWTIVFIEYRKIKRQRKINRLIDRITERAEDSGNESDGDQEELLALGGHLAPWDVDDL\*CYRKVVGHSLLWGTCMERSNHHSILCIRC\*SICYRDAQCLGHTCLCTHRP\*PTRSSIDKCDRKF\*HVEK\*HGGTDAGGYNQFMGPKPKAMCQIDPTMCYFKLH\*IEE\*Y\*WECYTGSGRRNKKLLFQYHHQPKR\*GTDSICKFL\*A\*CSTNR\*K\*YQLWK\*YQL\*VDKL\*YLSHYTSLSKDIL\*TNSYTLLYPGWVCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSNNSTAIKWQSSRRRGSN\*IRQFHRQC\*NHNSTSE\*ISRN\*LYKTQQQYKEKYTYRTRESILCSRRHNRKYKKSTLYH\*WNKMEYHFTTGS\*KTKRTIW\*\*NNSL\*PILRRGPRNCNAQF\*L\*RGIFLL\*YIRTV\*\*FLVY\*WFLVW\*\*RVRK\*HNYTPMQTKTIYKHVAGSRKSNVCPSYPRTN\*LFIKYYRAAINKRWWQ\*Q\*\*\*\*DRDL\*TWRRRYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFIPWVLVSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGQSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*QKLYRHLGQHDLDAVGKRN\*\*LHRNNIHITSRITKPARKE\*TRIIGIR\*MGKFVELVYHNKLAVVYKNIHNDSRRLDRVKNSFYCTFYSE\*S\*EGILTIIVPDPPPSREGTRQARRNRRRRWRERQRQIRDI

>B.-.EU616644.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKGCCLHCQVCFMKKALGISYGRKKRRQRRRAPDGSQNHQASLSKQ\*VVHVMKSIQIAAIVALVVGVIIAIIVWTIVFIEYRKIKRQRKINRLIDRITERAEDSGNESDGDQEELLALGGHLAPWDVDDL\*CYRKVVGHSLLWGTCMERSNHHSILCIRC\*SICYRDAQCLGHTCLCTHRP\*PTRSSIDKCDRKF\*HVEK\*HGGTDAGGYNQFMGPKPKAMCQIDPTMCYFKLH\*LEE\*Y\*WECYTGSGRRNKKLLFQYHHQPKR\*GTDSICKFL\*A\*CSTNR\*K\*YQLWKLYQL\*VDKL\*HLSHYTSLSKGIL\*TNSYTLLYPGWVCDYKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSNNSTAIKWQSSRRRGSN\*IRQFHRQC\*NHNSTSE\*ISRN\*LYKTQQQYKEKYTYRTRESILCSRRHNRKYKKSTLYH\*WNKMEYHFTTGS\*KTKRTIW\*\*NNSL\*PILRRGPRNCNAQF\*L\*RGIFLL\*YIRTV\*\*FLVY\*WFLVW\*\*RVRK\*HNYTPMQTKTIYKHVAGSRKSNVCPSYPRTN\*LFIKYYRAAINKRWWQ\*Q\*\*\*\*DRDL\*TWRRRYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFIPWVLVSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGQSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*QKLYRHLGQHDLDAVGKRN\*\*LHRNNIHITSRITKPARKE\*TRIIGIR\*MGKFVELVYHNKLAVVYKNIHNDSRRLDRVKNSFYCTFYSE\*S\*EGILTIIVPDPPPSREGTRQARRNRRRRWRERQRQIRDI

>B.-.EU616645.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKGCCLHCQVCFMKKALGISYGRKKRRQRRRAPDSSENHQASLSKQ\*VVHVMKSIQIAAIVALVVGVIIAIIVWTIVFIEYRKIKRQRKINRLIDRITERAEDSGNESDGDQEELLALGGHLAPWDIDDL\*CYRKVVGHSLLWGTCMERSNHHSILCIRC\*SICYRDAQCLGHTCLCTHRP\*PTRSSIDKCDRKF\*HVEK\*HGGTDAGGYNQFMGPKPKAMCQIDPTMCYFKLH\*IEE\*Y\*WEYYTGSERRNKKLLFQYHHQPKR\*GTDSICKFL\*A\*CSTNR\*\*\*YQL\*IDKL\*HLSHYTSLSKGIL\*TNSYTLLYPGWVYDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSNNSTAIKWQSSRRRGSN\*IRQFHRQC\*NHNSTSE\*ISRN\*LYKTQQQYKEKYTYRTRESILCSRRHNRKYKKSTLYH\*WNKMEYHFTTGS\*KTKRTIW\*\*NNSL\*PILRRGPRNCNAQF\*L\*RGIFLL\*YIRTV\*\*FLVY\*WFLVW\*\*RVRK\*HNYTPMQTKTIYKHVAGSRKSNVCPSYPRTN\*LFIKYYRAAINKRWWQ\*Q\*\*\*\*DRDL\*TWRRRYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFIPWVLVSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGQSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*QKLYRHLGQHDLDAVGKRN\*\*LHRNNIHITSRITKPARKE\*TRIIGIR\*MGKFVELVYHNKLAVVYKNIHNDSRRLDRVKNSFYCTFYSE\*S\*EGILTIIVPDPPPSREGTRQARRNRRRRWRERQRQIRDI

>B.-.EU616649.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKGCCLHCQVCFMKKALGISYGRKKRRQRRRAPDSSQNHQASLSKQ\*VVHVMQSIQIAAIVALVVGVIIAIIVWTIVFIEYRKIKRQRKINRLIDRITERAEDSGNESDGDQEELLALEGHLAPWNVDDL\*CYRKVVGHSLLWGTCMERSNHHSILCIRC\*SICYRDAQCLGHTCLCTHRP\*PTRSSIDKCDRKF\*HVEK\*HGGTDAGGYNQFMGPKPKAMCQIDPTMCYFKLH\*LEEWY\*WECYTGSGSGRRNKKLLFQYHHQPKR\*GTDSICKFL\*A\*CSTNR\*\*\*YQP\*KLYQL\*VDKL\*HLSHYTSLSKGFL\*TNSYTLLYPSWFCDHKV\*\*\*EVQWNRTM\*KCQHSTVYTWN\*ASSNNSTAIKWQSSRRRGSN\*IRQFHRQC\*NHNSTSE\*ISRN\*LYKTQQQYKERYTYRTRESILCSRRNNRKYKKSILYH\*\*NKMEYHFTTGS\*KTKRTIW\*\*NNSL\*PILRRGPRNCNAQF\*L\*RGIFLLQYIRTV\*\*FLGY\*WFLVW\*\*RVK\*HNYTPMQNKTIYKHVAGSRKSNVCPSYPRTN\*LFIKYYRAAINKRWWQ\*QS\*\*WDRDL\*TWRRRYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFIPWVLVSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGQSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*QKLYRHLGQHDLDAVGKRN\*\*LHRNNIHITSRITKPARKE\*TRIIRIR\*MGKFVELVYHNKVAVVYKNIHNDSRRLNRVKNSFYCTFYSE\*G\*EGILTIIVPDPPPSREGTRQARRNRRRRWRERQRQIRDI

>B.2005.EU786672.asymptomatic

MEPVDPRLEPWKHPGSRPKTACTDCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRPPQDRKTHQVSLPKQ\*VVYVMQPLSILAVVALVVAIIIAIVVWTIVVIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWVVNDL\*CCRTIVGHSLLWGTCVERSKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRNSINKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCYFNCTDDEYH\*CXGEYYY\*\*ERRNKKLLFQYHHKHKR\*GAERICIFL\*T\*CSTNX\*\*\*\*EL\*VDKL\*HLSHYTGLSKXKL\*PNSHTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASGINSTAVKWQSSRRRGSN\*I\*ESLRQC\*NHNSTSERIYRN\*LYKTQQQYKEKXHSRTRESILYNRTNNRRYKTSTLYH\*WXKME\*HSKTGS\*KIKRKIRE\*NNKLY\*TLRRGPRNCNAQL\*L\*RGIFLL\*YNKTV\*\*YLEWY\*MVRWH\*RKWHNHTPMQNKTNYKHVAGGRKSNVCPSHQRTTQLLIKYHRAAINKRWW\*Q\*HHXH\*DFQTWRRRYEGQLEK\*II\*I\*SNKT\*XIRSSTPQGKEKSGAERKKSSGNRSFVPWVSGSSRKHYGRSVNDVDGTGQTVIVWYSATAEQFAEGY\*GATAYVETHSLGHQAAPGKSPGCGKIPTGSTAPRDLGVFWKNHLLHCCALEY\*LE\*\*ISE\*DLE\*YDLDGVGKRN\*QLHRLNIQLN\*RIAEPARQE\*TTIVGIG\*MGKFVELVFHNKLAVVYKNIHNNSGRLDRFKNSFYCTFYSK\*S\*EGILTIIVSDPLPNPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.EU786674.asymptomatic

MDPVDPSLEPWQHPGSQPRTACNSCYCKRXCFHCQICFIKKGLGISYGRKKRRQRRRAPQDSQTHQAHLPKQ\*VVYVMQSLTIVAIVALVVAIIIAIVXXXIVAIEYRRISRQKKIDRLIDRIRERAEDXGNEXEGXQEALLEMGHLAPWDIDDL\*C\*RTIMGHSLLWGTCVERSNHPSILCIRCENI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRRI\*CMEK\*HGRTDA\*GYNQFMG\*KPKAMCRINPTLCYFKLY\*YS\*\*YD\*F\*YS\*\*XD\*F\*\*\*YRGRDKRRNEKLLFQYHHNHKR\*GAERICTFL\*S\*YSTNR\*\*\*E\*\*\*L\*VDKL\*HLSH\*TGLSKGIL\*TNSYTLLCPGWFCNSKV\*\*\*AVQWNRTM\*KCQHSTMYTWN\*ASNINSAVVEWQSSRRRDSNKI\*EFHKQC\*NHNSTAEPNYTN\*LYKTRQQYKKEYIYGTRESNLCNRRNNRRYKTSIL\*P\*WSSME\*HFKTNSCKIKSTIWE\*NNSL\*QILRRGPRNCNAQF\*LWRGIFLL\*YYTTV\*QCLASK\*Y\*\*NIK\*H\*XSYHPPMQNKTNYKQMAGSRKSNVCPSHQWTH\*MLIKYYRAAINKRWWWW\*\*QNWD\*DLQTWRRRYEGQLEK\*II\*I\*SSEN\*TTRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTSQTIIVWYSATAKQLVEGY\*GATASVATHSLGHQAAPGESPGCGKIPKGSTAPGDXGLLWKTHLHHYCALE\*ELE\*\*ISGPHLE\*HDLDAVG\*RN\*\*LHRINIHPN\*KGAKPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKTIHNDSRGLDRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIQTI

>B.2006.EU786675.asymptomatic

MEPVDPSLEPWKHPGSQPRTACTKCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRKXPPNSQTHQVPLPKQ\*VIYVMQSLYILGIVALVVAAILAIXVWTIVLIEYRKILRQRKIDRLIERISERAEDSGNESXGDQEELSALVERGHLAPWNIDDM\*CYRXIVGHSLLWGTSMERSNYHSILCIRC\*SI\*YRGT\*XLGHTCLCTHRPQPTRSKVGKCDRKX\*HVEK\*HGRPDA\*GYNQFMGSEPKAMCKINPTLCYFKLH\*S\*\*KXY\*N\*Y\*\*\*GNNGNEKLFFQCHLKYKRQDAERICTYV\*T\*YSTNR\*\*K\*\*\*L\*VDKL\*YLSPYTGLSKDIL\*ANSHTLLCPXWFCDSKV\*R\*QVQWNRTM\*KCQHSTMHTWN\*ASSVNSTAVKWQSSRRRGGN\*I\*KFHEQCXNYNSATEGPCRN\*LYKTQQQYKKKYTYRTRESILCNRRHNRRYKTSTL\*H\*\*SKME\*HFTTGS\*KIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YITTV\*\*YMECY\*\*YLE\*\*H\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LFIKDYRAAINKRWW\*Q\*DRDRDFQTWRRRYEGQLEK\*IIXI\*SSKN\*TXRNSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*XATASVATHCLGHQAAPGKSPGSGKIPTGSTAPGDLGLLWKTHLHHCCALEX\*LE\*\*ISESDLG\*HDLDGMGKRN\*\*LYRLNIQLN\*RIAKPTRKE\*TRIIGIR\*VGKFVELV\*XNKLAVVYKNIYNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRSL

>B.2006.EU786676.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFTSKGLGISYGRKKRRRRRRAYPDSQTDQAPLSKQ\*VVHVMQSLIILXIVAYIVAIILAIIVWTIVYIEYRKILRQRRIDRLIARIREREEDSGNESEGDQEELSTLVEMGDHVPLVINNQ\*CCRRLVGHSLLWGTCVERSNHHSILCIRC\*II\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRI\*HVEK\*HGRTDA\*GYNQFMGSKPEAMCKINPTLCYFKLH\*SVEC\*LY\*\*\*\*LENGRNKKLLFQYHHKHK\*\*SAKKLCIVL\*T\*FSTNRQ\*Y\*WEL\*GDKLQHLSHYTSLSKNIL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWNRKM\*\*CQHSTMYTWN\*ASSINSTAVKWQSSRRRGSD\*I\*KYHKQC\*NNNSTSE\*ICRN\*LYKTQQ\*YKKKYNYRTREGILCNRRCNRRYKTSTL\*H\*\*SKME\*HFKKDSCKIKRTIYE\*NNSL\*QLLRRGPRNCNAQC\*LWRRILLL\*YITTV\*\*YLEWYWRDRY\*RK\*NNHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*MLIKHYRVAINKRWWERE\*\*HYRNLQTWRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVDDVDGTSQTIIVWYSATAEQLAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHRCALEY\*LE\*\*ISEYDLG\*HDLDGVGKRN\*\*LHKRNIQLN\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HIKLAMVYKNIHNDNRRLGRVKNSFYCTFYNK\*S\*AGILTIVVPDPPPSPEGTRQARRNRRRRWRERQRWIQSI

>B.2006.EU786677.asymptomatic

MEPVDPRLEPWKHPGSQPKTPCNNCYCKRCCLHCQVCFTKKGLGISYGRKKRRQRRRANQDSQIHQASLSKQ\*VXYVMQPLEIASIIALVIAAIIVIVVWSIVLIEYRKILRQRKIDKLIDRIRERAEDSGNDSEGDQEELSALVERGHDAPWDVNDL\*CWGTIVGHNLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCNRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFXVH\*ITD\*WY\*YHLFQ\*\*GNERRNKKLLF\*\*\*HKPKR\*GGETICTFL\*P\*YSTNR\*\*\*\*\*L\*GNKL\*HLSHYTGLSKDIL\*ANSYTLLRPGWFCDSKM\*\*\*DVQWNGTMYKCQHSTMYTWN\*ASSINTIAVKWQSSRRRHSN\*I\*KFLEQC\*NHNSTAEGTCRN\*LYKTQ\*QYKKKHTYRTRASILYNRRNNRRYKASTL\*H\*\*SKME\*HFTTGKQKIKRTIWE\*NNSL\*SFLRRGPRDCNA\*F\*LWRGIFLL\*FNTTI\*\*YLVCKWD\*\*H\*RK\*HNAHTQMQNKTIYKHVAGSRKSNVCPSHQRTNQVFIKYYRAAINKRWW\*QNK\*\*\*\*DRDLQTWRRRYEGQLEK\*II\*IQSSTN\*TNRNSTHQGKEKSGAERKKSNNTRSYVPWXLGSSRKHYGRSVDDADGTSQTIIVWYSATAKQFAEGY\*GTTAYVATHSLGH\*AAPGKGPGCGKIPKGSTAPRNLGLLWKTHLHH\*CALEC\*LE\*\*ISR\*YLEQHDLDTVGKRN\*QLHRHNIQLN\*RIAKPARKE\*TRLIGI\*\*MGKFMELVWHNKMAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRSL

>B.2007.EU786678.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRTPQSSQTHQVPLSKQ\*VVHVMQPLIIGTIGALIVAGIIAIVVWTIVFLEYKKILRQRKIDRLLERIRDRAEDSGNESDGDQEELSALVGVGDHVNLVINEL\*CCRKFVGHSLLWGTCVERSDHHSILCIRC\*RI\*HRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGRTDA\*GCNQLMGSKPKTMCKINPTLCYFKLH\*LEE\*YQYQ\*HYH\*\*SRESTGERRNKKLLFQCHLRHKR\*GAERICTFL\*T\*YSTNR\*\*K\*\*F\*VDKL\*HLSHYTSLSKNNL\*TNSHTLLXPSWFCDSKX\*\*\*DIQWNRTMYKCQHSTMYAWN\*ASSINSIAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSE\*NCKHYLYKTQQQYKKKHKYRTRESILYNRSYNRRYKTSTL\*P\*YITME\*HFKTDSCKIKRTIWE\*NNSI\*SLLRRGSRNCNAQF\*LWRRIFLL\*YNSTV\*\*YLEY\*WYLEGYNRRK\*HHHTPMQNKTNHKHVAGSRKSNVCSSHQRTN\*MHIKYYRNSINKRWW\*KQ\*Q\*QWERDLQTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTLQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNGVDGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHH\*CALEC\*LE\*\*NL\*PNLG\*HDLDAVGKGNRQLHRHNIQPN\*NIAKPTRKE\*TRLIGIG\*MGQFVELV\*HNKLAVVYKNIYNDSRRLDRFKNNFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRQRQRQIRSL

>B.2007.EU786679.acute\_infection

MDPVDPRLEPWRHPGSQPETPCTSCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRTPQDRQTHQVSLSKQ\*VIHVMQPLHIAAIVALVVAAIIAIVTWSIVIIEYRKILRQRKIDRLIDRIQERAEDSGNESEGDQEELSALMEMGHRAPWDVDDL\*CGRTTVGHSLLWGTCVERSNHHSILCIRG\*SI\*DRGS\*YLGHTYLCTHRPQSTRSSIRECDRRF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*\*QH\*\*\*\*YDKLLFQYHHKHER\*DAERICNLL\*N\*CSSNR\*\*YQL\*VDKL\*YLSHYTGLSKSIL\*ANSHTLLCPGWFCDFKM\*\*\*KVQWNRNM\*KCQHSTMYTRN\*ASSINSTAVKWQSSRRRGGN\*ICQFLGQC\*NHNSTAE\*ICSN\*LYKTQ\*QYKKKYNYRTRESILCNRRNNRRYKKSILQH\*WNKME\*HFKTDS\*KTKRTI\*E\*NNSLSAALRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLGYEYD\*RDKYH\*RRYHTPMQNKTNYKHVAGSRKSNVCPSHQRANYMYIKYYRAATNKRWGSEQERK\*RDRDLQTRRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAKRKKSSGTRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAEGY\*CATAYVAAHSLGHQAAPGKSPSCGKIPTGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ICR\*YLE\*HDLDAVGKRN\*QLHKCNIHLT\*AIAKPTRKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNGSRRRDRVKNSLYYTCYSE\*S\*AGILTFVISDPPPSPEGTRQARRNRRRRWKQRQRQIQSL

>B.2007.EU786680.asymptomatic

MEPVDPRLEPWKHPGSKPGTPCTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRAPQSSETHQVSLSKQ\*VVHVMQPLEILAIVALVVAAILAIVVWTIVYLEYRKIVKQRKIDRLLDRISERAEDSGNESEGDQEELSALMEMGHYAPWVVNDL\*CCRKFVGHSLLWSTSVERSNHHAILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGRADA\*GYNRFMGSKPKTMCKINPTLCYLKLH\*YY\*Y\*CH\*\*WYDRRNKKLLFQYHHSSKR\*GAETICTFLYT\*YSTNKH\*E\*ELYKL\*VGKL\*YLSHYTGLSKNIL\*ANSHTLLRPGWFCDSKV\*\*SDIQWKRTM\*KCQHSTMYTWN\*ASSINSTTVKWQFSRRGSS\*I\*KFHK\*CQNHNSAAK\*IYRNQLYKTQQQYKKKYTYRTRESIICTRHNRRYKTSTL\*H\*\*HKME\*HSRTGS\*KIKRTIREQNNNF\*SDHRRGPRNCNAQF\*LWRGIFLL\*FNKTV\*\*YLVF\*WYLE\*YK\*\*\*\*YP\*SHHTPMQNKTNCKHVAGSRKSNVCPSHQGTN\*MLIKYYRADINKRWWC\*\*QQHQ\*DLQTWRRRYEGQLEK\*II\*I\*SSRT\*TIRNSTHQGKEKSGAKREKSSGNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IL\*ADME\*HDMDGVGKGN\*QLHRLNIQPN\*KFAKPARKE\*TRVVGIG\*MGKFVELV\*HHKVAVVYKNIHNDSRRIDRFKNSFYCTFYSK\*S\*AGIFTIIVSDPFPSPKGTRQARRNRRRRWRARQRQIQDI

>B.2005.EU839596.-

MEPVDPRLEPWEHPGSQPRTACTNCYCKRCCFHCQVCFATKALGISYGRKKRRQRRRASQDSQTHQNSLSKQ\*VVNVMQPLVILAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVVEMGHHAPWDVDDL\*CSRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRGT\*CLGHTCLCTYRPQPTRNSIGKCDRIF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*CK\*\*CQ\*FDKIR\*RRNKKRNKKLFFHDTIRRSDAERKCIVLYI\*YNTTKSF\*\*Y\*W\*\*\*WYL\*IDKL\*YLSHYTGLPKGKL\*ANSHTLLCPGWFCDSKVQRGRVQGNRTMHKCQHSTMHTWN\*ASSVNSTAAKWQSSRKRGSN\*I\*KFHGQLENHNSAAEGPCRD\*LYKTQQQYKKKYTYSTRENILCNRKNNRKYKASTL\*Y\*\*SKME\*HFKTGS\*KIKKTI\*E\*DNNF\*SLLRRRPRSCNAQF\*LWRGIFLL\*FNTTV\*\*YLAC\*\*YLE\*\*\*Y\*Y\*\*\*YYHTPL\*NKTNYKHVAGSRQSNVCPSHQWTN\*LFIKYHRATINKRWW\*\*K\*VRDLQTWRRKYEGQLEK\*IV\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVHNADGTSQTIIVWYSAAAKQFAEGY\*GATTFVATHSLGHQTAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHFCALER\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*QLHR\*NIQIN\*TSTKPARKE\*TRVIRIG\*VGKFVELV\*YNKLAVVYKIIHNDSRGLNRFKNSFCYTFYSE\*S\*AGILTVIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2005.EU839597.-

MDPVDPRLEPWKHPGSQPRTXCXNCYCKKCCXHCQVCFXKKALGISYGRKKRRQRRRADQDSQXHQVSLSKQ\*VIHVMHSXQVIAIVALVVAAIIAIIVWSIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESDGDEEPLAALVENGHLAPWDVDDL\*CRTVVGHSLLWSTSVERSNHYSILCIRC\*SI\*HREA\*CLGHTCLCTHRPQPTRNNIEKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLRYFKLH\*CH\*WYCGIGGRRNKKLFFQYHHRWRQ\*ETERICTVL\*P\*CNTNE\*C\*\*\*\*\*Y\*L\*IDTL\*YLSHYTSLSKGVL\*ANSYTLLCPGWLCNSKV\*\*\*GVQWNRTM\*KCQHSTMYTWN\*TSGVNTTAVKW\*PSRRRGSN\*I\*KFHEQC\*NHNSTVEQLCRN\*LYKTRQQYKKRYTYRTREHMVYNRRNSRRYKTGTL\*H\*\*RKME\*YFKTGS\*KIKGAI\*\*NNSLQTILRRGPRNCTAQF\*LWRGILLL\*CNRAV\*\*YLE\*YYWECY\*R\*\*HNHTSMQNKTNYKHVARSRKSNVCPSHQGIY\*LFIKHYRAAINKRWGY\*\*YRQ\*DL\*TWRGKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQFAESY\*GATASVATHSLGHQTAPGKSPGCREIPKGSTAPRDLGLLWKTHLHHCCALEH\*LE\*\*I\*GLHLGKHDLDGMGKRN\*\*LHRNNIPIN\*NIAEPARKE\*TRIVGIGSMGKFMELV\*YNTVAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*G\*AGILTNIIADPPPSPAGTRQARRNRRRRWRQRQRQIQSI

>B.2005.EU839598.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCWHCQVCFLTKGLGISYGRKKRRQRRRTPQXSQDHQVPLPKQ\*VVHVMQSLXIAAIVGLIVAALIAIIVWTIVLLEYRKILRQRRIDRLIDRIRERAEDSGNESEGDEEALAALVDMGHDAPWDANDL\*C\*GRFVGHSILWGTCVERSIHHSILCIRC\*SS\*KRGT\*CLGHTCLCTHRPQPTRSKIGQCDRIF\*CVEK\*HGRSDAWGYNQFMGPKSKAMCKINPTLCYLKLHQLGKG\*CH\*KE\*CH\*\*\*QYSDTDGGRGSKKLLFQHHHRYER\*VSERICTFL\*P\*CSTNR\*\*CYKYHIYHI\*VATV\*YFSHYTGLSKDIL\*TNSYLLLCPGWFYDCEV\*Q\*NVQWERRM\*QCQHSTMYTWN\*ASSVNSAAVKWQSSRRRGST\*I\*KFHKQY\*NHNSTAE\*NCSN\*LYKTQQ\*YKKKYKYRARKSILCNRSNNRRYKTSTL\*P\*\*KRLE\*HFKTGSCKIKRTIQYIKNNLSATIPRRGPRNCNAQF\*LWRGVLLL\*YNKTV\*QYWTIR\*RRR\*RRRRQYHTSMQNKAIRKQVARSRKSNVCPSHQWTN\*MFIKYYRATINKRWWW\*W\*\*\*E\*DLQTWGRRYERQLEK\*VI\*I\*SSKNSAIRNSTQQGKEKSGAKRKKSSDTRSYVPWVLRSSRKHYGRSVSNADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHGLGHQTAPGKSPGSGKIPTGSTAPRDLGLHWKTHLHHYCALEH\*LEYKKL\*SNLE\*HDLDAVGKRN\*QLHRVNILLN\*KIADPARTK\*TRTIGIG\*VGKSVELV\*YNILVVVYKNIYNDNRRLGRFKNNFCCIFCSE\*S\*AGILTLVISDPLPSPEGTRQARRNRRRRWRERQRQIRAF

>B.2005.EU839600.-

MEPVDPRLEPWKHPGSQPRTPCTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQTHQXSLXKQ\*VVYVMQSLLVYSIIALXVAAILAIVVWTIAFIEYRKLKRQKKIDRLIDRIAERAEDSGNESEGDQEELLMEMGHHAPWDVNDL\*CSRKIVGHSILWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIECDRKF\*YVEK\*HGRSDA\*GCNQFMGSKPKAMCKVNPTLCYFTLH\*CEFDCKLFYY\*\*QY\*FRDNKLLFQYYHKHKG\*VAKRICTLL\*T\*CSTNR\*KY\*\*\*YYC\*\*GY\*I\*IDKLQYFSHYTGLSKDNL\*ANSHTLLCPGWFCNSELYR\*DVQWNRAM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRWGSNQI\*KFHRQC\*DHNSTVGKLCKN\*VYKTQ\*QYKKKPTYGTREGILYNRHNRRYKTSIL\*H\*WRRVA\*SFTKCK\*KIKRTI\*\*LRNKF\*ATPVRRGPRNCNT\*F\*LWRGIFLL\*YIKAI\*QYLEYY\*Y\*ELDWFYHTPMQNKTNYKYVAKSRQSNVCPSHQGTNQMYISYYRDAINKRWWEQQRE\*DCRE\*DRDLQTYRRKYER\*LEK\*IIQL\*SSKN\*TIRISTHQGEKKSGAERKKSSGSTGSYVPWVLGSSRKHYGRSVIDADGTGQTITVWYSATAK\*FAKGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGDLGLLWKIHLHHYCALEC\*LEQ\*ICR\*HLE\*PDLDAVGKRN\*QLHKHNIWLT\*GIADPARYK\*TRIIRIR\*VGKFVELV\*YKQLAVVYKNIHNDSRRLDRFKNSFCCTFYSK\*S\*AGVFTIVISDPPPRPEGTRQARRNRRRRWRERQRQIHSI

>B.2005.EU839601.-

MDPVDPRLEPWEHPGSQPKTACTNCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRAPQNSQTHQETLSKQ\*VVYVMQPLQIXAIVALVIAXIIAIVVWTIVFIEYKKILRQRKINRLLDRIRERAEDSGNESEGDQEALAALVEMGHDAPWDVDDL\*GCRSIVGHSLLWGTCVERSNHLSILCIRCQSI\*HRDA\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRPNA\*GYNQFMGSKSKAMCKINPTLCHFKLH\*C\*G\*DI\*\*\*K\*DKRNKKLHIQCHRK\*RR\*GTERKCKFL\*P\*YSING\*D\*Y\*\*Y\*I\*IVTL\*YLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NIQWFRTMYKC\*HSTMYAWN\*ASSVNSTVEWQPSRRRGSN\*I\*KFHGQ\*\*KYNSTTECICNN\*LYKTQQQYKNKYTSRTRENIFCRRSNRRYKTGTL\*PQXNRME\*HFKTGSYKIKRTI\*\*NNSL\*SNHRRGPRS\*NAPLCLWRRIFLL\*YNKAV\*\*YLE\*CYTRQCWE\*Y\*RAR\*KYHTPMQNKTNYKHVAGSRQSNVCPSYQRTNCMFIKNYRDDINKRWWA\*E\*N\*DLQTWRRKYDGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*SAEGC\*GATASVATHSLGHQTAPGKNPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEH\*LE\*\*ISE\*YLEQHDMDGVGQRS\*QLHTINIHLN\*RVTEPARKE\*TRIIRIG\*MGKFVELV\*HNKLAVVYKTIHNDSRRLDRFKNSLCYTFYSK\*S\*AGIFTIVISDPPPGPEGTRQARRNRRRRWRERQRQIRGI

>B.2005.EU839602.-

MELVDPRLEPWKHPGSQPRTACXNCYCKXCCYHCQVCFLTKGLGISYGRKKRRQRRRXSQXSQTHQAALSKQ\*VVXVMQSLXXLAIVALVVAXIXAIIVWXIVFIEYRXIKRQKRIDRLIDRIRDRAEDSGNESEGDQEELSALVDMGHLAPWDVNDL\*CCKDVGHSLLWGTCVERSNHHSILCIRC\*SI\*NRGT\*CLGHSCLCTHRPQPTRNRIEKCDRKF\*HVEK\*HGGTDA\*GYNQPMG\*KPKAMCKINSTLCYFKLY\*AC\*LH\*GGEWYLS\*VFED\*A\*YDKRTK\*NYRRNKKLLFRYRPNN\*R\*GAEKLCTFLYT\*FSTNKEGE\*\*L\*IDKL\*YLSHYTSLSKSILRANSHTLLCPGWFCDSKV\*\*\*VVQWNRTMYKC\*LSTMYTWN\*ASSINSTAVKW\*SSRRRHNT\*I\*KYLEQCQNHNSTSK\*IYIH\*LYKT\*QQYNERYTYRTRESILCNRSYNRRYKKSTL\*H\*WIRMGKDVGKGSYKIKRAI\*\*DNNL\*SILRRGPRNCNSQF\*LWRGIFLL\*YNKTV\*\*YLEWYRLYLPLE\*D\*KYHTPMQNKTNYQYVAGSRKSNVCPSHQRTNKM\*IKYYRAAINKRWW\*PERDGRYQ\*DL\*TWRRRYEGQLEK\*TI\*I\*SSKN\*TIRSSTHRGKEKSGAERKKSSGTRSYVPWVLRSSRKHYGRSVNSADGTGQAIVVWYSAAAEQSAEGY\*GATASVATHGLGHQTAPGKSPGCGKIPTGSTAPRALGLLWKTHLHHYCALEH\*LE\*\*ISRLYLAEHDLDAVGKRN\*QLHRLNIQLN\*RIANPARQE\*TRIIAIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGIFTTIVSDPLPSPEGTRKARRNRRRRWRERQRQIHKI

>B.2005.EU839603.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSKTHQASLPKQ\*VVDVMXSLYILXIVALVVAAILAIIVWTIXYIEYRKILXEKKIDKLXARIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRTIVGYSLLWGTCMERSKHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMG\*KPKAMCKINPTLCYFKLH\*VEQHE\*\*\*HEE\*\*\*YSNSKGTNRRLGKGKKLLFQYHHKHKR\*GD\*RICTVL\*S\*CSTNS\*\*W\*\*\*\*L\*IDKL\*YFSHYTGLSKSIL\*ANSHTLLCPSWFCDSKM\*Q\*GIQWNRTV\*KCQHSTMYTWH\*ASNINSTAVKWQSSRRSNN\*V\*KFHRQC\*NHNSTAEELCKD\*LHKIQQ\*YKKKYTYRARESIFCNNKHNRRYKTSTL\*H\*\*RRME\*HSESGISKIKRTIGE\*\*NNSL\*SIFRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLEQYYEWNYRRR\*HGSYHTPMQNKTNYKHVAESRQSNVCPSHCRRN\*MFIKYYRAAINKRWW\*\*CHHRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATAFVATHSLGHQTAPGKSPGCGKIPSGSTAPRDLGLLWETHLPHCCALEC\*LX\*\*ISG\*YLG\*HDMDAVGKRD\*QLHSRDIQIN\*RITEPARKE\*TRITRIG\*VGKFVELV\*HNKMAVVYKNIHNDSRRFNRFKNSFCYTFYSE\*S\*AGILTIIFPDPPPSSEGTRQARRNRRRRWRERQRQIQSI

>B.2005.EU839604.-

MEPVDPRLEPWKHPGSQPQTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKXRPRRRTSRDSENHQNSLPKQ\*VVNVMISLQIAAIVALVVAAILAIVVWTLVLIQYRQIRRQRKIDRLIERISERAEDSGNESEGDQEDLEALVGMGHLAPWDVNDM\*CCRTIVGHNLLWGTSVERSYHHSVLCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRSDA\*GHNQPMGAKSKTMCKINSTLCYFKLH\*CQFKQH\*QHYSKYQHCSI\*K\*\*WNRECGNDTKRRSKKLLFQCHCRHTRYEEKRICTFL\*P\*CSINRQ\*\*E\*\*E\*L\*\*L\*IDKLQYHSHYTGLPKGVL\*TNSHTLLCPSWFCDSKV\*\*\*DIQWNRTM\*KCQYSTMYTWN\*ASSVNSIVIKWQSSRRGHSN\*I\*KFHGQC\*NHNSTAE\*LCKN\*LYETRQQYKKKYTFWAREYIVCNRSYNRRYKTSTL\*H\*WHKVE\*HFNKHS\*KIKRTI\*\*\*YKNNF\*AILRRGPRNYNAQF\*LWRRIFLL\*YNKIV\*WYCLDKWVKCH\*L\*\*HYHTPMSDKTNYKHVAESRKSNVCPSHKWNN\*MYIKYYRATINKRWW\*\*YRRE\*DLQTYRRKYEGQLEK\*II\*I\*SSTN\*PNRSSTHQGKKESGAERKKSSGSSRSYVPWFLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*SAESY\*GATASVATHSLGHQTAPGESPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*NLE\*\*IL\*\*YLGQYDLDAVGKGN\*\*LHRHNIQLN\*RITKPARKE\*TRFIGTR\*MDKFVDLV\*HIKLAVVHKNIHNDSRRLSRFKNSFCCTFHSE\*S\*AGVLTIIISDPPPSPEGTRQARRNRRRRWRRRQKQIQNI

>B.2005.EU839605.-

MDPVDPRLEPWKHPGSQPRTPCTKCYCKSCCFHCQVCFITKGLGISYGRKKRRPRRRAPEGSSTHQISISEQ\*VVHVMQSLEIIAIVALVVAIIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERTEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRQLVGHSLLWGTCVERSNHHSILCIRC\*GI\*NRGT\*CLGHTCLCTHRPQPK\*SRIGKCDRKF\*HVEK\*HGRTNA\*GYN\*FMGSKPKAMCKINPTLCDFKLH\*C\*YH\*C\*AE\*YQ\*HCWH\*\*WFKNKTGRNKELHFQHHHKHK\*EGERKCNF\*YT\*CSTSR\*E\*\*\*L\*IDKL\*YLSHYPGLSKGLL\*ANSHTLLCPGWFCDFKV\*RQEVQWNRTM\*KC\*HSTMYTWNQASSVNSIVVKWQSSRRRGNN\*I\*KYHGQC\*NHNSTAEGSCGN\*VCETQQQYENNKCTYRTRASNLCNRRHNR\*YKTSIL\*P\*\*SKLD\*RFKPDS\*EIKRTI\*\*NNNL\*FILRRGPRNCDV\*L\*LWRGIFLL\*YSTTV\*\*YF\*WYS\*SRGEYYHYHTPMQNKTNYKQVAGSRQSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*\*\*C\*\*DLQTTRRKYERQLEK\*IV\*I\*SSKN\*TIRNSTHQSKEKSGAERKKSSGSNRSYVPWVLGSSRKHYGRSVADADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHGLGHQTAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHLRALEC\*LE\*\*ICG\*NLGEHDLDGVGKRN\*QLHRPNI\*LTYGIAEPARKE\*KRIIRIG\*VGKSVELV\*HNKLAVVYKNFHNDSRRLGRFKNSFYCTIYSE\*S\*AGILTTIISDPLPSPAGTRQARRNRRRRWRERQRQISSI

>B.2000.EU839606.-

MEPVDPRLEPWKHPGSQPKTACNTCXCKXCCFHCQVCFIKKGLGISYGRKKRRPRRRAPEDSQDHQVSLSKQ\*VVHVMQSLEILAIVALVVAAIIAIIVWTIVFIEIRKIQKQKKIDKIINRIIERAEDSGNESEGDQEELAALVEMGHDAPWDVNDL\*CFNKVVGHSILWGTCMERSDHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMG\*KPKAMCKINPTLCYFKLH\*\*VE\*\*D\*CH\*\*C\*ERRNKKLLFQCHHSSKR\*GAKNICIIL\*A\*CSTNR\*\*TG\*\*\*Q\*\*\*\*L\*IDKL\*YLKHYTGLSKGIL\*TNSHTLLYSSWFCASKM\*\*\*EVQWNRTMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*I\*KFHKQC\*P\*\*YS\*MTL\*\*LIVQDPTTIQEEV\*L\*DQGVYFIQEK\*\*EI\*DKHIVTLIGQNG\*TL\*NR\*L\*N\*GNNLGIKQ\*PLINPQEGTQKL\*CTVLIVEGNFSTVIQQNCLIVLGIVMVFGIIL\*SQMTQSQMILSHSHAE\*NKS\*TCGRE\*VKQRMPLPLEDKLDVHQILQDYY\*QETVVITQVAPRPSDLEEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HPPRQKEEWCREKKEQWEQ\*ELCSLGSWEQQEALWAQHH\*R\*RYRPDNYCLV\*CNSRTIC\*GLLRRNNICCNSRSGASNSSKQESWL\*KDT\*GINSSWGFGVALENSFAPLLFLGTLLGIIDLWIIFGRT\*PGCSGIEKLTITQTSYTAYLRMRRTSKNLMNKNY\*NWTSGQICGVGFP\*QIGCGI\*DYS\*\*\*\*VA\*\*A\*E\*FLLCFL\*\*IELGRDTHQYHFRPTSQPGGNPTGPKEPKEKVESKTKTDQFA\*

>B.2000.EU839607.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQHNQTHQVPLPKQ\*VVHVMLXLQILAIVALVIXAIIAIVVWTIVGIEYRKILRQKKIDRLIDRIALRAEDSGNESEGDQEDLAALMEMGHHAPWDVDDL\*CDRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTMCYFKLQ\*LGE\*FX\*Q\*F\*\*H\*Q\*LGPSRERRNKKLLFQCHLRHKR\*DTERICIF\*\*T\*CNTNR\*\*\*E\*\*\*\*\*Y\*EL\*IDKL\*YLSHYTGLSKGIL\*TNSHPLLCPGWFCDSKM\*G\*KVQWNRTM\*TCQHSTMHTWN\*TSSVNSTAVKWQSGRGRGNN\*I\*KLHEQS\*NYNSTAE\*NCKN\*LYKTQQQY\*EKCTYRTRESILCRRNNRKYKTSTL\*H\*\*KRMDWRFKTGSYKIKRTI\*E\*NNKFYSTLRRGPRNCTAQSQLWRGIFLL\*HITPV\*QYLEWY\*D\*YLEYYRGR\*\*YHTSM\*NKTNCKHVAGSR\*SNVCPSHQRTN\*LFIKYYRDAINKRWW\*W\*\*HEQRD\*DLQTCRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKREKSSGSNRSYVPWVPGSSRKHYGRSVDNADGTGQTTTVWYSATAEQSAEGY\*GATASVATHGLGHQTAPGKSPGCGKLPKGSTAPRDLGLLWKTHLHHRCALEHQLE\*\*ISG\*DLGQHDLDAVG\*RN\*QLHKLNIHLA\*RIAEPARKE\*TRIIRIG\*VGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*G\*AGILTIIVSDPPPSPRGTRQARRNRRRRWRERQRQIYSI

>B.2001.EU839608.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKQCCFHCQVCFITKGLGICYGRKKRRQRRRAPRDSQIHQVSLPKQ\*VVHVMQSLXIAAITALVIXXIIAXVVWTIVAIEYRKILRQRKIDXIIDRIRERAEDSGNESEGDQEELAGLLEMGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRCSSI\*RRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*RVEK\*HGRTDA\*GYNQFMGSKPKAMCKTNPTLCYFKLH\*YFEE\*YC\*YH\*RDRERRNKKLLFQCHHRHKRQDTKRIFTFL\*T\*CSTNR\*\*\*\*\*Y\*\*\*LL\*IDKL\*YLSHYTGLSKGIL\*TNSHTLLCSSWFCDSKM\*\*EEIQWNRTM\*KCQHSTVYTWN\*TSSVNSTAVKWQSSRKRGSN\*I\*KFHEQC\*NHNSTVKGTCNN\*LYKTQQQYKKKCTYRTRECILYRGNNRRYKESILYP\*CNRME\*HFKTGS\*EIRRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YIPTI\*\*YLEEWHLV\*\*\*Y\*YYRVKQKYYTHYTPMQNKTNYKHVAGSRQSNVCPSH\*RTNYMCIKHHRAAINKRWW\*KRE\*Q\*H\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQFAEGY\*GATASVATHGLGHQTAPGKSPGCGKIPKGSTAPRNLGLLWKTHLPHCCALEW\*LE\*\*ISE\*YLGEHDLDGVG\*RN\*QLHKLNIHLT\*GIAEPARKE\*TRIIRIG\*MVKFVELV\*HNEMAVVYKIIHNDNRWLNRYKNSFCCTFYSEKS\*AGILTIIVTDPPPSSEGTRQARRNRRRRWRERQRQICAI

>B.2000.EU839609.-

MEPVDPRLEPWKHPGSQPRTACNSCYCKKCCFHCQVCFTTKGLGISYGRKKRRXRRRTPQDSQTNPVPLSEQ\*VVYVMQXLQIXAVVALVVXAIIAIVVWTIVYIEYRKILRQRKIDRXIDRIIERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CCRTIVGHSLLWGTSVERSKHHFILCIRC\*SI\*SRSP\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRPDA\*\*YNQFMGSKPKTMCRINPTLYYIKLH\*C\*EKGY\*\*QY\*\*H\*Q\*QLERGRERRNKKLLFLYRHRYKR\*GARIFSFS\*P\*CSTNRW\*\*CF\*\*W\*W\*VYIDTL\*YLSH\*TGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DVQWNRTMYKCQHSTLYTWN\*TSSVNSTAVKWQSSRRRYSN\*I\*KSHRQC\*DHNSTFERTCSN\*LYKTQQQYKKKYTPRSRKSIIY\*WRNNRKYKTCTL\*H\*\*STME\*HFRKDSYKIKRKI\*E\*NNSL\*SILRRGRRNCNAQF\*LSRGIFLL\*YSRAV\*\*YLEY\*QHWE\*\*WG\*YWREYHTPMQNKTNYKHVAESRQSNVCPSHQRTN\*MYIKYHGAAINKRWW\*\*QHRGPRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGKEKSGAKRKKSSGSNRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAEQLAEGY\*GATAYVATHGLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEH\*LE\*\*ISRLYLG\*HDLDAVG\*RS\*KLHTINIHFT\*RLAEPARKE\*TRLIRIG\*MGKFVELV\*HIKLAVVYKNIHNDSRWLDRFKNSFCCILHNK\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRRINSI

>B.2001.EU839610.-

MEPVDPRLEPWKHPGSQPRTACNSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRXPQDSQTNPVPLSEQ\*VVYVMQSLQILAVVALVVAAIIAIVVWTIVYIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CCRTIVGHSLLWGTSVERSKHHFILCIRC\*SI\*SRSP\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRPDA\*\*YNQFMGSKPKTMCRINPTLCYIKLH\*C\*EK\*C\*\*H\*Q\*QLG\*RRERRNKKLLFLCQHRYKR\*GARIFSFS\*T\*CSTNRW\*\*CF\*\*\*\*W\*IYINTL\*YLSH\*TGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWNRTMYKCQHSTLYAWN\*TSSVNSTAVKWQSSRRRYSN\*I\*KSHRQC\*DHNSTFERTCSN\*LYKTQQQYKKKYTSRSRKSIIY\*WRNNRKYKTRTL\*H\*\*NTME\*NFRRDS\*KIKRKIWE\*NNIL\*SILRRGRRNCNAQF\*LSRGIFLL\*YNKAV\*\*YLAY\*PY\*RHLE\*\*WG\*YWREYHTPMQNKTNYKHVAESRQSNVCPSHQRTN\*MYIKYHGAAINKRWW\*QQQHLRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGKEKSGAKRKKSSGSNRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAEQFAEGY\*GATAYVATHGLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEH\*LE\*\*ISRLYLGKHDLDAVGQRS\*\*LHTNNIHFT\*RLTEPARKE\*KRIIRIG\*MGKFVELV\*HIKMAVVYKNIHNDSRWLDRFKNSFCCNLYSE\*S\*AGILTIIISDPPPSQEGTRQARRNRRRRWRERQRRINSI

>B.2004.FJ195086.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRTPEDNQTHQVSLSDQ\*VVHVMQPLVIVGIVALVVATIIAIIVWTIVLIEYRRILKQRKIDRLIDRIRTRAEDSGNESEGDQEELSKLMEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRPESTRNSIGKCDRKF\*HVEK\*HGRTDA\*GCN\*FMG\*KPKAMCKINSTLCYFKML\*FDW\*L\*Q\*\*WDTQREGRNTKLLFQYHHRHTR\*E\*ERICAFL\*T\*FSTNR\*\*\*CKL\*\*\*DKLYVDKL\*HLSHYTGLPKGIL\*TNSHTLLCPSWFCDSKV\*\*\*EIQWNRTMYKCQHSTMHTWN\*TSSINSTVVKW\*SSRRRGSN\*I\*KFHRQC\*NHNSTAERNCKN\*LYKAQQQYKKRYTSSREDIICNRGYNRRYKTSTL\*P\*QLTMEQNFGTGSDKIKRTIWGE\*NNNL\*PIPRRGPRNCNAQF\*LWRGIFLL\*YNKPV\*\*YLAE\*WSVGWYYWAR\*EWQYHTPMQNKTNYKQVAGSRKSNICPSHQRTN\*LFLKYYRAATHKRWW\*\*\*HEQ\*\*DLQTGRRKYEGQLEK\*II\*I\*SSTN\*AIRNSTHQGKKKSGAEREKSSNRSYVPWVLGSSRKHYGRSITDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*NFRLHLGEHDLDAVGERD\*QLYRLNIHLD\*KIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIYNNSRRRNRFKNSFYCTFYSK\*S\*AGILTFVIPDPPPSNEGTRQARRKRRRRWRARQRQINTL

>B.2005.FJ195088.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRRAHQGSPTHQVSLSKQ\*VVHVMQPLQILAIAALVIAAIIVIVVWTIVFIEYRKLRRQRKIDRLIDRVRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIKC\*SI\*HRGT\*CLGHVCLCTRRP\*STRSSTGKCDRIL\*HVEKYNGRTNA\*GYNQFMGSKPKAMCKINSALCYFKLY\*C\*\*DC\*Q\*\*\*\*WGKSEGRNKKLLFQYHHKQKN\*GTKRVCIF\*\*T\*CSTNR\*\*\*YKLYVDTL\*HLSHYTGLSKDIL\*TNSHTLLYPSWFCDSQV\*\*\*KVQGNRTMYKRQYSTMYTWD\*ASSVNSTAVEWQSSRRRDSNQI\*KFHEQC\*NHNSTAEQVCRN\*LYKTQQQYKKKYTSRMGESILCNRRNNRKYKTSIL\*P\*WNRLGEHFKTDSRKVKRTI\*K\*NNIL\*SILRRGPRNSNAQL\*LWRGIFLL\*YNTVI\*\*YLGV\*\*YYAVEYYR\*NYHTSMQNKTNYKQVAGSRKSNVCPSHRRTN\*LFIKNYRAAINKRWWK\*W\*QYWERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHHGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKAHLHHYCALEC\*LE\*\*ISEYDLG\*HDLDGVGERN\*QLHRLNIQLT\*RIAKPTRKE\*TRIIGMG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFDSE\*S\*EGILTTVIPDPAPSQEGTRQARRNRRRRWRERQRRIQSI

>B.2005.FJ195089.-

MEPVDPRLEPWKHPGSQPKTACTKCFCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSPTDQTPLSKQ\*VVHVMPPLHIIAIVALVVAAIIAIVVWTIVLLEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELAKLVEMGHHAPWDVDDL\*C\*RRRRFVGYSLLWGTCVERSIHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*TTRNSNGKCDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KPKAMCKINPNLCNFKMH\*CDVE\*\*QYRE\*\*QYYRLGRGKKLLFQYNKRHGRKGAEGLCHF\*\*T\*YSTNRW\*\*\*YKLYVNKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDCKV\*\*\*KFQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRGRCNN\*I\*KFH\*\*C\*NHNSTAE\*NCRNYLYKTPQQYKKEYTYGMGENVLCNRRNNRRYKTSTL\*H\*FYKME\*HFKTDS\*KIKGTI\*\*NNNL\*FILRRRPRNCNAHF\*LRRGIFLL\*HNKAV\*\*YLEA\*\*YY\*Y\*RKFH\*\*\*HYYTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*M\*IKYYRAAINKRWW\*HQQ\*\*SQQQ\*NLQTWRRRYKGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGNIRSCVPWVLGNSRKHDGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*VL\*SDLE\*HDLDAVGERN\*QLHTTNIHLT\*RIAVPTRTQ\*TRIIAIG\*MGKFVELV\*YNTMAVVYKNIHNDSRRLSRFKNSFYCNFFSE\*S\*AGILTIVIPDPLPSREGTRQARRNRRRRWRERQRKIQQI

>B.2004.FJ195090.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQNSQDHQVSLSKQ\*VVHVMPALLILAIVALVVAAILAIIVWTIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVERGHDAPWNVNDL\*GCRRKIVGHSLLWGACVERSKHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCD\*KF\*HVEK\*HGRTDASGYNQFMG\*KPKAMCKINPTLCYFKLH\*IEYYYLYQ\*\*YQ\*\*Q\*CW\*\*\*YLYR\*TDEGGNKKLLFQYHHKHKE\*NAEGICTFL\*T\*YSTNR\*\*\*YKLYIDKL\*HLSHYTGLSKDIL\*TNSHTLLYPGWFCDSKV\*\*\*EIQWNRTM\*KCQHSTMYTWN\*ASSVNSTTVKWQSNRRRHSN\*I\*KFHRQC\*NYNSTPERVCRD\*LYKTQQQYKKKYTYGMGESILCNRRNNRRYKTSTL\*PQ\*SKVGNHFKKGSYKIKRTI\*QNNSL\*\*ILRRGPRNCNAHF\*LWRGVFLL\*YNTTI\*FHLEWY\*DWK\*\*Y\*RKKYHTPM\*NKTNCKQMAGSRKSNVCPSHQWIH\*MCIKYYRAAISKRWW\*Y\*\*K\*QHRDL\*TFRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHLGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSITNADGTSQATTVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISK\*YLG\*HDLDGVGKRNWQLHRINIQFN\*RIAEPTGKE\*TRIIGIGQVGRFVELV\*HIKMAVVYKTIHNDSRRLNRFKNSFYYNFFSE\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRTINTL

>B.2005.FJ195091.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDYQAHQDSLSKQ\*VVHVMKPLQIAAIVALVVVGILAIGVWTIVLIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLVEMGHDAPWDVNDL\*CCRQIMGHSLLWGACVERSNHHSILCIRC\*RI\*YRST\*CVGHTCLCTHRP\*PTGNGIGKCDREF\*HVEK\*HGGPDA\*GYNQFMGSILKAMCKINPTLCYFKLFYFEYKVQ\*YWY\*\*\*PLRRNEKLHF\*YHHRHRR\*DEKRICTFLYR\*YSINRGR\*\*D\*LYVDKL\*YLSH\*TGLSKGNL\*TNSYTLLCPGWFCDFKV\*\*\*EV\*WIRTMYKCQHSTMYTWN\*ASSVNSTVVKWQSSRRRYSN\*I\*KFHGQC\*KHNSTAE\*NCSN\*LYKA\*QQYKKKYTYGMGKNILCNRRHNRRHKTSTLQSQ\*SRLEQHFTTNNCKIKRTI\*ESNNSF\*SILRRGPRNCKAQF\*LWRGILLL\*YN\*AV\*\*\*NTE\*HYHTPMQNKTNYKQMAGSRKINVCPSHQRRN\*MFIKYYRADINKRWW\*QYQHH\*DLQTWRRKYEGQLEE\*II\*I\*SSKN\*ATRNSTHQGKEKSGAKRKKGSGNVWSYVPWILGSSRKHYGRSVTDADGTGQTIIVWYSATAKQFAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALE\*\*LE\*\*KLE\*DLG\*HDLDAMGKRN\*QLHRHNIPIA\*KIAKPARKERTRIIGIG\*MGKFMELV\*HNKLAMVYKNIHNDSRRLNRFKNSFCCIFYSE\*S\*AGILTIVVPDPPPSSEGTRQARRNRRRRWRQRQRQINSI

>B.2005.FJ388890.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKECCYHCQVCFIKKALGISYGRKKRRQRRRTHQDSQTHQDSLPKQ\*VVYVMNSLTILAIVALIVAAIIAIVVWSIVFIEYRKIRKQKQIDRLIDRIIERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCAHGPQPKGSKIGKCNRRF\*HVEK\*HGRPDA\*RCN\*FMGSKLKAMCKINPTLCHLKLH\*\*SEES\*\*HQ\*\*\*Y\*LG\*RRSKKLLFQHHHKHKR\*GAKRICTFL\*T\*CSTNR\*Y\*\*Y\*WY\*KWFHL\*Y\*WY\*KWFHL\*\*L\*VDKL\*YLSHHTGLSKSNL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWNRTM\*KCQHSTMYTWN\*ASSINSAAVKWQSSRRRYSN\*I\*KFLRQCKNHNSTTE\*LCSN\*LYKTQQQYKKEYTYRTRESILCNRRNNRRYKSSTL\*P\*\*SRLE\*DLREDSYKIKRTIW\*K\*NNNL\*ATTIRRGPRNYNAYF\*LWRGIFLL\*YNSTV\*\*YLE\*YWMVS\*HKWH\*WH\*RKYHTQMQNKTIYKPVAASRKSNVRPSHRRTN\*MLIKHYRDTINKRWGQ\*\*WDQHDRGIQTWRRKYER\*LEE\*II\*I\*SSTN\*TLRNSTQQGTEKSGAERKKSSRNRSCVPWVLGSSRKHYGRSISDADGTSQTIIVWYSATAKQFAER\*GGATTSVATPCLGHQTAPGKGPGCGKIPKGSTAPGDLGLRWKAHLPHCGALEC\*LE\*\*IF\*\*HLG\*HDLDAVGKRN\*\*LHRLNILLN\*RIAEPARKE\*TGIIGTR\*MGQFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIVVPDPPPSTEGTRQARRNRRRRWRERQRQIHKI

>B.2005.FJ388891.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKACCFHCQVCFIKKALGISYGRKKRRQRRRTHQDSPDHQVPLSKQ\*VVHVMQSLTILAIVALVVAAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDHEELSALVEMGHHAPWVVNDL\*CCRKIVGHSLLWGTCVERSNHHSLLCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTLGKCDRKF\*HVEK\*HGRPDA\*GCNQFMGSKPKAMCKINPTLCHFKLH\*LFGE\*\*\*YQ\*CGK\*Y\*\*Q\*\*\*\*NEKLLFRCLPNHKR\*VSERICTFL\*I\*CSTNR\*\*K\*\*\*\*\*\*L\*\*L\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSEV\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*KFHEQC\*NHNSTAK\*ICSN\*LYKTQQ\*YKKKYTYRTRESILCNRSYNR\*YKTSTL\*P\*\*\*RMD\*SFKTDS\*KIKRTIWE\*NNKLYSILRRGPRNCNAQF\*L\*RGIFLL\*YNTTV\*\*YLE\*\*\*YLE\*Y\*\*D\*KAI\*HRPK\*HN\*LQHKPNYKHDAPRRKSRKSTSSPWPQKMIMMFYQDALVNRRG\*GGERHRGRQQHDRGLQTCRGKYEGQLEE\*II\*I\*SGTN\*TIRGSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALE\*\*LE\*\*IL\*\*DLE\*HDLDAVGKRN\*\*LHKLNIHLNCRIAEPTRQK\*TRIIGAR\*VGQFVDLV\*YNKMAVVYKDIHNDSRRLDRSKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.2005.FJ388895.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRPRRRPPPDSQTHQASLSKQ\*VIYVMKPLIIASIVALVVTGIIAIVVWTIVFIEYRRLRKQKKINRIIDRIRERAEDSGNESMRVKEIRKTWQRWWRWGTMLLGMLMICSAAEKLWVTVYYGVPVWKETTTTLFCASDARAYDTEVHNVWATHACVPTDPSPQEVVLGNVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTNYEGNATNTTKGEKGEIKNCSFQITTSVRDKRKEEYALFYRHDVIPIDDDNASRNRSNNGSSYILIHCNTSTITQACPKVSFEPIPIHYCAPAGFAILKCNNKTFNGTGPCTNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRSENFTNNAKTIIVQLNQSVAINCVRPNNNTRKGIHVGPGRAIYTTGKIIGDIRQAHCNLSIENWNKTLQHIVIKLREQFGNKTIVFKQSSGGDPEIVMHSFNCKGEFFYCNTTPLFNSTWNPNGIWEGTTGSNDTGSNDTVTLQCRIKQIVNLWQEVGKAMYAPPIEGPIKCSSNITGMLLTRDGGNSTNNETFRPGGGDMRDNWRSELYKYKVVKIEPLGIAPTKAKRRVVQRDKRAVGIMGAMFLGFLGTAGSTMGAAALTLTVQARQLLSGIVQQQNNLLRAIEAQQHMLRLTFFGIKQLQARILAVERYLKDQQLLGIWGCSGKLICTTSVPWNASWSNKSQEEIWENMTWMQWEREIDNYTDSIYTLLEKSQNQQEKNEQDLLELDKWASLWNWFDITSWLWYIKIFIMIVGGLIGLRIVFAVLSIVNRVRQGYSPLSFQTHLPASRGPDRPEGIEEEGGERDRDRSVRL

>B.2005.FJ388898.-

MEPVDPSLEPWKHPGSQPRTPCTNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRPPQGNQTHQVSLSKQ\*VVYVMQSVAILAIVALVVVAIIAIIVWTIVLIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSALMEMGHDAPWVVDDL\*\*CRKFVGHSLLWGTCVERSNHHSILCVRC\*SI\*QRGT\*CLGHTCMCTHRPQPTRSNIGKCDRGF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKIDPTLCHFKLQ\*YS\*DQ\*\*\*Q\*\*\*\*GIDNWRSKKLLFQYHHKLKR\*GAERICTFS\*T\*CNTNRQYQLYVSKL\*HLSHYTGLSKGILRTNSHTFLCPSWFCDSKM\*\*\*EFRGKRTM\*KC\*HSTMYTWN\*ASSVNPTAVKWQSSRRRGSN\*ICQFLGQC\*NHNSTAE\*ICSN\*LYKTQQQYKKKYTSWTRECILYNRTNNRRYKKSTL\*R\*\*DRME\*YFKTDSYKIKRTV\*K\*NNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*FNTTV\*\*YLEWYRIDK\*\*\*\*\*RKYHK\*\*RKYHTPMQNKTNYKQVAGSRKSNVCPSHCRTN\*MLIKHYRAAIDKRWW\*\*\*\*HNRNLQTWRRRYEGQLEK\*II\*I\*SSKA\*TIRNSTHQGKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALEH\*LE\*\*ISGGDLE\*HDLDAVGKRN\*QLHRLNIHLN\*GIAEPARKE\*KRVIRIG\*VGKFVDLVRHIKLAVVYKNIHNDSRRFNRVKNSFCCTFCSK\*S\*EGILTNIISDPPPKPEGTRQARRNRRRRWRERQRQVQTH

>B.2005.FJ388899.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCWHCQVCFLKKGLGISYGRKKRRQQRRSAPQDSSAYQDSLSKQ\*VVHVMHPLQVAAIAGLVVAVIIAIIVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGDHAPWDVNDL\*CYIRLVGHSLLWGTCVERNKYHSILCIKC\*SL\*YRGT\*CLGHTCLCTHRPQPKKNKIGKCNRRL\*HVGKGHGKTDA\*RHNQFMGSKPKAMCKINPTLCYFKLH\*L\*VE\*Y\*IWYE\*Y\*I\*FELS\*YY\*YH\*YEKRRN\*RMLFQRHHRHKRQGAEKLCTFL\*H\*CNTNR\*HQLYTEKL\*HLNHYTGLPKGNF\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTV\*KCQYSTMYTWN\*ASSINSTAVEWQSSRRRGNN\*I\*KYLEQC\*KHNSTAERTYRN\*LYKTQQQYKQKHTSRTRGSILCNRKNNRRYKTRIL\*H\*\*RKMGGNFKADSCKIRRTIWEQDNKL\*SILRRGSRNCTAQF\*LWRGVFLLQYNRTV\*\*YLE\*YYLE\*\*\*YYKCKCNKYS\*PSTPMQNKTDCKHVAESRKSNVCPSHQRNN\*MFIKYYRDNINKRWW\*\*\*SDQHHRDFQTCRRKYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKKKSGAERKKSSDIRSYVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GATAPVATHSLGHQAAPGKSPGCGEIPKGSTAPGNLGLLWKTHLHHYCALEC\*LEQ\*ISK\*HLG\*HDLDAVGQRN\*QLHKLNILLNRRIAKPTRKE\*TRIIRTR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRTV

>B.2005.FJ388904.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCMHCQVCFLTKGLGISYGRKKRRQRRRTPQGNQTHQADLSKQ\*VVDVMQSLSTWTIVAIVALIVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDKIRERAEDSGNESEGDQEELSALVVEMGHHAPWDVDDL\*C\*KRKYVGHSLLWGTCVERSNYHSILCIRCSSI\*HRGT\*CLGHTCLCTHRS\*PTRSSIEKCNRIF\*HVEE\*HGRTDAGGYN\*FMESKPKAMCKINPTLCYFKLH\*CEE\*DYNQ\*\*\*\*YL\*\*YY\*NRDGRRNKKLLFQCHQKHRK\*AA\*RICTFL\*I\*CSTNRR\*\*EYKSNIYVDKL\*HLSHYTGLSKGNL\*TNSHTLLYPGWFCDSKM\*\*\*KIQWNRTM\*KCQHSTMYTWN\*ASSVNSITVKWQSSRRRGSDQI\*KFHGQC\*NHNSTAE\*NCKN\*LYKTQQQYKKKYIYRTRESILCNRRHNRRYKASTL\*H\*\*\*TMECHFNTCKGKIKRTI\*\*NNNFYHLLLRRPPNCCAEF\*LWRGVFLLLYYRAVELEFYWE\*Y\*SYYHTTMQNKTNCK\*VAGSRKSNVCPSHQWTD\*LLIKHYRATINKRWW\*\*ERDQRDL\*TWRRRYEGQLEK\*II\*I\*SSKNSTIRNSTHQGKKKSGAKRKKSSGNARSYVPWVLGSSRKHYGRSVTDADGTGQTIIDWYSATAEQSAESY\*GATAYVATHSLGHQAAPGKSPGYRKIPTGSTAPRDLGLLWKTHLHHYCALEY\*LE\*QILS\*HLG\*HDLEAMGERN\*QLHRLNIHPT\*RIAKPTRKE\*TRTIGIG\*VGKFVELV\*HNKMAVVYKNIHNDSRRFNRSKNSFCYTFYSE\*S\*AGILTVIVSDPLPSPGGTRQARRNRRRRWRERQRQIHKI

>B.2005.FJ388905.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTTKGLGISYGRKKRRQRRRAPQDSKTHQASLSKQ\*VIHVMNSLTILAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWVVDDL\*\*CRQR\*VVGHSLLWGTCVERSNYHSILCIRC\*SI\*DRGS\*CLGHTCLCTHRPQPTRSTSGKCDRKF\*HVEK\*HGRTNA\*GCNQLMGSKLKAMCQINPTLCYFKLY\*AYQRYY\*\*YQRYYQ\*C\*\*\*YQQY\*D\*GCGTGSNEKLFFQYHHKRER\*DKERICAFL\*P\*CSTTRR\*\*\*\*L\*VDKL\*HLSCYTGLSKGNLRSNSHTLLCPSWVCNSKM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNPTAVKW\*SSRRRGSN\*V\*KFFGKC\*NHNSTAK\*ICSN\*LY\*TQQQYKKKYTYSTRESILCNR\*CNWRYKTSTL\*C\*\*NTME\*SFTKGS\*KIKRTIWGK\*NNSL\*PILRRGPRNYNA\*FQLWRGIFLL\*YNITV\*\*YFETKK\*HYPKI\*R\*\*R\*\*HYCTPMQNKTIYKHVAGSRKGNVCPSHQRTA\*LLIKYYRAAINKRW\*C\*YHRERD\*DLQTYRRRYEGQLEK\*II\*I\*SNKT\*TIRSSTHQGTEKSGAERKKSSDRSYDPWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPTGSAAPGNLGLLWKTHLRHCCALEY\*LE\*\*ISE\*DLG\*HDLDAVGKRN\*KLHR\*NIQTTCRIAGPTRKE\*TRIIGIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCYTFCSE\*S\*AGILTLIISDPPPNSEEGTRQARRNRRRRWRERQRQIRAI

>B.2005.FJ388910.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKSCCLHCMVCFTTKGLGISYGRKKRRRRRRAPKSHQTHQVSLPKQ\*VVYVMQPLEAYSIVALVVVAIIVIVVWSLVLIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDHEELSALVERGHLALGDIDDL\*CYRPIVGHSLLWGTCVERCKRHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRITIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCEINPTLCYFKLH\*CFS\*QQ\*\*\*\*\*\*LERNKKLFFQYHHKHER\*GTERVFTFL\*A\*YSANSW\*\*YKQQ\*\*L\*VDKL\*HLSPYTGLSKSIF\*TNSHTLLCPSWICDSKM\*\*\*DIQWSRTMYKCQYSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*V\*EFHKQCQNYNSTFE\*ICSN\*LYQTQQQYKKRCTYGTRESILYNRYNRRHKTSTL\*P\*\*RSLE\*NIRTNS\*QIKRTI\*R\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLEC\*WYSERY\*RVR\*QQQYRNNHTPMQNKASHKPVAGSRKSNVCPSHQRTN\*LFLKHYRATINKRRW\*QLH\*QP\*DLQTWRRRYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAERKKSSDTRSCVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSATAKQFAEGY\*GATAPVATHSLGHQAAPSKSPSCGKIPSGSTAPGDLGLLWKTHLHH\*CALE\*\*LE\*QYRSGYHLE\*HDLDGVG\*KNSQLHRLNLHLNSRIANPTRKE\*TRFIETR\*MGKFVELV\*HIKVAVVYKNIHNDSRRPDRFKNSFCCTFYSK\*S\*EGILTIIVSDPLPSSEGTRQARRNRRRRWRARQRQIRSL

>B.2005.FJ388911.-

MEPVDPRLEPWQHPGSQPRTACNKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDSQNHQVSLSKQ\*VVYVMLLPMQILAIVALVVAAIIAIVVWAIVFIEYRKILRQRKVDRIIDRIRERAEDSGNESEGDQEELSAALLEMGHDAPWVVDDL\*G\*RKRKFVGHSLLWGTCMERSNHHSILCIRC\*GI\*HRGT\*CLGHTCLCTHKP\*PTRSKIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKISFRLQ\*\*DKLH\*VEEK\*YYQ\*\*\*LGNGGERGSKKLLFQCHQHKK\*DTERLCTFL\*T\*FSTNR\*\*\*\*\*KLYIDNL\*HLSHYTGLPKDIL\*TNSHTLLCPSWFCDSKV\*\*GKIQWNRTM\*KCQHSTMYTWN\*ASSVNSTTAKWQSSRKRSSNQI\*KFLGQC\*NHNSTAEGPCEN\*LYKSQQQYKKKCTYGTRESIFYNRYNRRYKKSSL\*PY\*GGLA\*SFKPDSYKIKRTIWE\*NNNI\*\*ILRRGLIS\*NAQL\*LWRGIFLL\*YNTAV\*\*YLVG\*\*YWAW\*WKWKYHNHI\*KHHNSMQNKTTYNQKTARSKNNICPSYSSRKYLLFKNYKSAINNRRW\*\*YKRE\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQFAESY\*GATASVATHSLGHQAAPGETPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICGGYLE\*HDLDGVGERN\*QLHRINIQLN\*TIAKPARKE\*TRIIGIG\*VGKFMELV\*HNKLAVVYKNIHNDNRRFSRFKNNFYCTFYSE\*S\*AGILTIIISDPLPSLGGTRQARRNRRRRWRERQRQIQAI

>B.2005.FJ388912.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPKDHQNHQVSLSKQ\*VVHVMQSLQIAAIVALVVAAIIAIVVWSIVLIEYRRILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*C\*RKLVGHSLLWGTCLERSNHPSVLCIRC\*SI\*YRGT\*CLGHTCLCTHRS\*PTRNILGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLYYFKLH\*C\*HH\*Y\*HH\*Y\*HH\*QWRDGRRNKKLLFQYHLKHKR\*GAKRICKFL\*T\*FSTNR\*\*\*Y\*\*YQI\*VDKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSGRKRDSN\*ICQFHGQY\*NHTSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILCNRRYNRRYKTSTL\*P\*\*SRLE\*NFKTDS\*KIERTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*YRKVKYHRRKFQYHIPIQNNSNYKQGTGNSKISPSPHRHK\*NFMFFNEYGVDKSKR\*R\*\*\*QRDRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAKRKKRSGTRSFVPWVLGSSRKHYGRSVDNADGTGQAIIVWYSATTKQFVESY\*GATASVAAHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*DLGKHDLDGVGKRN\*QVHK\*NIHLN\*KFAKPTRKE\*TRIIGIR\*MGKFVELV\*PNKLAVVYKIIHNDSRRLGRFKNSFFCTFYSE\*S\*AGILTLIVPDPPPSSEGTRQARRNRRRRWRERQRQIRAV

>B.2005.FJ388914.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKACCLHCQACFIKKGLGISYGRKKRRQRRRPPQDSPTDQASLSKQ\*VVHVMQSLEILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELAALVEMGHHAPWDVDDL\*CYREIVGHSLLWGTCVERGNHHSILCIGC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSNIGKCDRKF\*HVGK\*HGRPDA\*GCNQFMGSKSKAMCKINPTLCYFKLH\*FEE\*\*LDQ\*\*FETGRNEKLLFQCHPKHKR\*VAKRICTFL\*I\*CSTNR\*YK\*\*Y\*WNW\*LY\*L\*IDKL\*HFSHYTGLSKGNL\*ANSHTLLYPGWLCASKV\*Q\*DIQWKWTMYKCQHSTTYTWN\*TSGINSTAVKWQSSRRRHSN\*I\*KFLGQC\*KHNSTAE\*ICSN\*LYKTPQQYKKKYKYRTRESILCNRTNSRRYKTSTL\*P\*SKSME\*HFKNDSYKIKETIWGE\*NNNL\*SILRRGPRNCNAQFYVWWGIFLL\*YNTTV\*\*YLE\*Y\*LAK\*HK\*HK\*H\*HK\*HYHTQMQNKTNYKPVAGSRKSNVCPSHQRTN\*LYIKYYRVAINKRWE\*CEQHDRGLQTYRRKYEGQLEK\*II\*I\*SGKN\*TIRNSTHHGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSINGADGTGQTIIVWYSATAKQFAEGY\*GAT\*SVATHSLGHQAAPGKNPGCGKIPTGSTAPGNLGLLWKTHLHH\*CALEC\*LE\*\*IL\*\*HLE\*HDLDAVGKRS\*\*LHKLNIHFT\*RIADATRKE\*TRSIGTR\*VGQFVELV\*YNKMAVVYKDIHNDSRRLGRIKNSFCCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRN\*RRRWRERQRWIRST

>B.2005.FJ388915.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSETHQGSLPKQ\*VLHVMQPLVILTIVAFVVVTIIAIVVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDHEELAGMLDMGHDAPWNVDDL\*CCRPIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSNGECDRKF\*HVEK\*YGRTDA\*GYNQFMGSKPKAMRKINPTLCYFKLQ\*LERECYCREYY\*\*\*\*\*LGKVGYRRNKKLLFQYHNKHKR\*DAERICAFL\*T\*CSTNRGR\*Y\*L\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRTM\*KCQYSTMYTWNQASSVNSTAVKWQSSRRRGNN\*I\*KFHRQC\*NHNSTAEKPCKHYLYETQQQYKKKYTYRTRESILCNRRHNRRYKTSTL\*P\*\*NRME\*CFRTDSWKIRQTIWD\*\*HNI\*AILRRGPRNCNAQF\*L\*RGIFLL\*HNKTV\*QYLDLE\*WYLEFNK\*\*Y\*WN\*HYHYHMPNKAKCKRVAGSRNSNVYLCPQRPNQEFINVYRYRINKNKWWRQRG\*EQE\*DLQTWGRKYEGQLEK\*II\*I\*SSRN\*TFRNSTHQGKEKSGAERKKSSIRSFVPWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAK\*LAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCTLEY\*LE\*QISRLHLG\*HDLDRVGKRN\*QLHRINIQIN\*TIAKPARKE\*TRIVGIG\*LGKSMELV\*HNKLAVVYKNIHNDSRRVSRFKNSFYCTFYSKKS\*AGILTNIISDPPPNPEGTRQARRNRRRRWRERQRQIRTL

>B.2005.FJ388916.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCLHCQVCFLTKGLGISYGRKKRRQRRRTHQGSQTHQADLSKQ\*VVDVMHPLSTWTILAIVALIVAAIIAIVVWTIVLIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQDELSALVVEMGHQAPWDVDDL\*C\*RRKSVGHSLLWGTCVERSNYHSILCIRCSST\*HRGT\*CLGHTCLCTHRS\*PTRSSNGKCNRKF\*HVEK\*HGRTDAGGYN\*FMGSKPKAMCKINPTLCYFKLHR\*VEY\*WDYW\*WEWDYSQ\*\*\*Y\*RRDERRNKKLLFQCHQKHRK\*AAERICTFL\*T\*CSTNRR\*\*YKR\*\*YN\*NIYIDKL\*HLSHYTGLSKGNL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRTM\*KCQHNTMYTWN\*ASSVNSITVKWQSSRRRGSDQI\*KFHRQC\*KHNSTAEGTCRN\*LYKTPQQYKKKYTYRTRESILCNRRHNRRYKASTL\*H\*\*\*KME\*NFRTCSYKIRRTIWEQNNNF\*TLLRRRPRNCNAQF\*LWRGVFLL\*YNRAV\*\*YLAV\*\*YLEYYLESY\*P\*SY\*PYHTTMQNKTNCKQVAGSRKSNVCPSHQRTN\*LFIKHYRATINKRWW\*\*\*EQNQRDL\*TWRRRYEGQLEK\*II\*I\*SSKNSTIRNSTHQGKKKSGAKRKKSSGNAGSYVPWVLGSSRKHYGRSVTDADGTGQTIIDWYSATAEQSAESY\*GATAYVATHSLGHQAAPGKSPGCRKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*\*IL\*\*HLG\*HDLDGVGERN\*QLHRLNIQLT\*KITEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDNRRFNRFKNSFCYTFCSE\*S\*AGILTIIVSDPLPSPRGTRQARRN\*RRRWRERQRQIHKI

>B.2005.FJ388918.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRTPQGSETHQGSLPKQ\*VVHVMSPLEIVAIVALVVAAIIAIVVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSAMLEMGHHAPWDVDDL\*CCRPIVGYSLLWGTCVERSNHHSILCIRCQSI\*YRGT\*CMGHTCLCTHRPQPTRSSIGECNRKF\*HVEK\*HGRTDARGYN\*FRGSKPKAMCKINPTLCYFKLQ\*LGKYYCKEYYYCREYY\*\*Q\*\*LGKIG\*RRSKKLLFQYHNKHKR\*DAERKCAFL\*I\*CSTNRGK\*Y\*YY\*Y\*L\*VNKL\*HLSHYTGLSKGNI\*ANSHTLLCPGWFCDSKM\*\*\*KVQWKRTM\*KRQYSTMYTWN\*ASSVNSTAVKWQSSRRRSSN\*I\*KFHRQC\*DHNSTAE\*HCNH\*LYKTQQ\*YEKEYTYRTRESILCNRPNNRRYKTSTL\*P\*\*NTVE\*RFTKDSRKIRQTIHE\*DNKF\*AILRRGPRNCNAQF\*LWRGIFLL\*HNTTVQ\*YLEFNTIV\*\*\*Y\*RVKWHWVKWHYHTPMQNKTNCTLVAGSRKSNVCPSHQRTNQVFIKYYRAAVNKRWW\*\*W\*\*LQY\*GLQTWGRKYEGQLEK\*II\*I\*SSRN\*TIRSSTHQGKEKSGAERKKSSARSFAPWVLGSSRKHYGRSVNSADGTSQTIDVWYSATAKQLAESY\*GATAYVATHSLGHQAAPGKSPGCGTIPKGSTAPGDLGLLWKTHLHHCCTLEY\*LE\*\*ISSTDLG\*HDLDRVGKRN\*QLHRLNIQLT\*TIAKPARKE\*TRIVGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRVNRFKNSFYCTVYNKKS\*AGIFTNIISDPPPNPEGTRQARRNRRRRWRERQRQVRTL

>B.2005.FJ388919.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKECCYHCQYCFTKKALGISYGRKKRRQRRRAPQDSPTHQDSLSKQ\*VVHVMSPLEISAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLILRITERAEDSGNESEGDQEELAGLVEMGHDAPWDVDDL\*CYRKIVGHSLLWGTCVERCNYHSILCIRC\*SI\*YRST\*CLGHTRLCTHRPQPTRTTLEKCDRKF\*HVEK\*HGRTDAGGCNQFMGSKPKAMCKINPTLCRFKLH\*PFKEY\*\*YLYQKE\*\*Y\*DEKLFFQCHPNHKR\*DAERICTFLYI\*YSTNR\*WKK\*Q\*\*\*LY\*L\*VDKL\*HLSHYTGLSRGNL\*ANSHTLLCPGWFCDSKM\*\*\*DIQWKWTMYKC\*HSTMYTWN\*TSGINSTAVKWQSSRKRGSN\*I\*KFHEQC\*NHNSAAE\*ICSN\*LYKTQQQYKKEYTYRTRESIFWNRHNRRYKKSTLYP\*WAKME\*HSKTDSYKIKRTIWEE\*NNKIQSILRRGPRNCNAQF\*L\*RRIFLL\*YNTTV\*\*YLG\*\*\*Y\*MVK\*HKK\*Q\*YHTPMQNKTNYKPVAGSRKSNVCPSHQRTN\*LFIKYYWATINKRWGWKREQSYRNLQTSRGRYEGQLEK\*II\*I\*SGTN\*TIRSSTHQGKEKSGAERKKSSGTRSCALWVLGSSRKHYGRSISDADGTGQTIIVWYSAAAKQFAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKRSTAPGDLGLLWKTHLHHCCALE\*NLE\*\*KL\*\*YLG\*HDLDAVGKRN\*\*LHRFNIHLT\*RIANPTRKE\*TRIIGTR\*MGKFVELVLYIKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIVPDPPPSTEGTRQARRNRRRRWRERQRQIRSI

>B.2005.FJ388920.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKKCCYHCQYCFTKKALGISYGRKKRRQRRRPPQDSPTNQDSLSKQ\*VVHVMTPLQISAIAALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIKRITERAEDSGNESEGDQDELATLVEMGHDAPWDVDDL\*CYRKIVGHSLLWGTCVERRNCHSILCIRC\*SI\*YRST\*CLGHTRLCTHRPQPTRTTLEKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLRHFKLH\*PFKE\*YFKD\*\*YYYH\*\*N\*C\*DEKLLFQCHPNHNR\*EAERICTFL\*R\*YSTNR\*\*K\*Y\*LCYL\*VNKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKM\*\*\*DIQWKWTMYKC\*HSTMYTWN\*TSGINSAAVKWQSSRKRGSN\*I\*KFHEQC\*NHNSAAESICSN\*LYKTQQQYKKEYTYSTRESILWNRHNRRYKTSTLYP\*WAKME\*HSKTDSYKIKRTIWGE\*NNKIQSFLRRGPRNCNAQF\*L\*RGIFLL\*YNTTV\*\*YLG\*\*Y\*MVK\*HK\*K\*K\*Q\*YHTPMQNKTNYKPVAGSRKSNVCPSHQRTN\*LFIKYYWTTINKRWGWKREQYRDLQTRRGRYEG\*LEK\*II\*IQSGTN\*TIRSSTHQGKEKSGAERKKSSGTRSCALWVLGSSRKHYGRSISDADGTGQTIIVWYSAAAKQFAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHCCALE\*\*LE\*EKL\*\*YLG\*HDLDAVGKRN\*\*LHRFNIHLT\*GIANPTRKE\*TRIIGTR\*MGKFVELVLYNKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIVVPDPPPSTEGTRQARRNRRRRWRERQRQIRSI

>B.2005.FJ388923.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKACCFHCQVCFIKKALGISYGRKKRRHMSSTPQNSPSHQGPLSKQ\*VIHVMQSLQILAIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHHAPWDVDDL\*CYRKIVGHSLLWGTCMERSNHQSTLFCASDAKAYDAEVHNVWATHACVPTDPNPQEVPLQNVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTNITISTNTTKNSSGEEMTMTNCSFNVTPIIQDKVQKEYALFYKLDVVPIDNSNNNTSYRLINCNTSVITQACPKVTFEPIPIHYCAPAGFAILKCNDKKFNGSGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSENFTNNAKTIIVQLKEPVVINCTRPNNNTRKSISIGPGRAFYATGEIIGNIRQAHCNLSRKEWNNTLGQIVIKLKEQFGKNKTIRFNQSSGGDPEIIMHSFNCGGEFFYCNTTPLFNSTWNDTSRPNITGEEDNGEEDNMILTCRIKQIINLWQEVGKAMYAPPIRGQIRCSSNITGLLLTRDGGNDSSRTEVFRPMGGNMRDNWRSELYKYKVVQVEPLGVAPTTAKRRVVQREKRAVGIGAVFLGFLGAAGSTMGAASVMLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNRTQEEIWNNMTWMQWEKEIDNYTGLIYTLIEDSQIQQEKNEQELLALDKWASLWNWFDITKWLWYIKIFIMIVGGLVGLRIVFAVLSIVNRVRQGYSPLSFQTHLPAQRGPDRPEGIEEEGGERDRDRSGRL

>B.2005.FJ388924.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKVCCYHCQYCFTKKALGISYGRKKRRQRRRTPQDSPTHQDSLSKQ\*VVHVMIPLQILAIVALVIVAIIAIVVWSIVLIEYRRILRQRKIDRLINRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYREIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRTTLEKCDRKF\*HVEK\*HGRTDAGGCNQFMGSKPKAMCEINPTLCHFKLH\*LFKE\*Y\*YQ\*Y\*DEKLLFQCHPNHKR\*DAERICTFL\*I\*CSTNR\*\*KY\*\*Y\*LY\*L\*ADKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWKWTMYKCQHSTMYTWN\*TSGINSTAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSAAE\*ICSN\*LYKTQQQYKKEYKYRTRESILCNRRNNRRYKTSTL\*P\*\*\*SME\*HFKTDSYKIKRTIWEE\*NNKL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLG\*WY\*MVK\*HK\*P\*\*P\*QRYHTHMQNKTNYKPVAGSRKSNVCPSHQRTN\*MFIKYYWVTINKRWG\*KRERGHRGLQTCRGRYEGQLEK\*II\*I\*SGTN\*TIRSSTHQGKEKSGAKRKKSSGTRSYALWVLGSSRKHYGRSISDADGTGQTIIVWYSATAKQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*IL\*\*DLGKHDLDAVGKRN\*\*LHRLNIHLN\*RIANPTRKE\*TRIIGTR\*MGKFVELVLYNKVAVVYKNIHNDSRRLGRIKNSFCCTFYSE\*S\*AGILTIIVPDPPPSTEGTRQARRNRRRRWRERQRQIRSI

>B.2005.FJ388927.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFGKKALGISYGRKKRRQRRRSPQGSKTHQVSSSNQ\*VVHVMQSLEILVIVAFVVAIIIAIVVWSIVLIEYRKILRQRRIDRLIDRIRERAEDSGNESDGDEEQLATLLEMGHVAPRNIDDL\*CY\*EIVGHSLLWGTCMERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNEIGKCDRKFQHVEK\*HGRTDA\*GYHQFMGSEPKAMCKINPTLCYFKLH\*FDHQFDY\*\*YYYW\*G\*Y\*W\*YGNEKLLFQYHHRPKR\*GEGRICNFLYT\*YSTNR\*YQL\*VDKL\*YLSHYPSLFKDIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRTM\*KCQYSTMYTWN\*ASSINSTAIKWQSSRRRCSN\*I\*KSHEQC\*NHNSTAE\*NCRNQLYKTQQQYKKKYTYRTRESILCNRTNNRGYKTSTLQH\*\*NKME\*YFRKDS\*KIRRTI\*K\*DNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNRTV\*\*YLVCKWY\*E\*Y\*RGT\*RIT\*RNYHAPMQNKTNYKYVARSRKSNVCPSHQRTD\*VFIKYYRATINKRWW\*REQHQHRDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TVRSSTYQGKEKSGAKRKKSNRNGSYVPWVLGSGRKHYGRSVTDADGTGQTIIVWYSATAEQSADGY\*GATTSVATHSLGHQTAPGESPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECKLE\*\*IL\*SNLG\*HDLDGMGERG\*QLHKFNIFLN\*RIAESTRKE\*TRIIGIG\*MGKFMELV\*HITLAVVYKNIHNDSRRLGRFKNNFYCTFYSEQS\*AGILTIVVADPPPSSEGTRQARRNRRRRWRERQRHIRRI

>B.2005.FJ388930.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQDHQVSLPKQ\*VVHVMHSLQILAIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPVEMGHHAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTCMCTHRPQPTRNNIGKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCKINPTLCLFKLHYLE\*HQY\*YHC\*\*DQYH\*\*\*LGKYGQW\*RNKKLLFQCYHNEK\*DEARICTFS\*P\*CNTNG\*DQLYVKNL\*HLSHYTGLSKDIL\*TNSRTLLCPGWFCDSKV\*\*YEVQWIRTM\*KCQHSTMYAWN\*ASNINSTAVKWQSSRRRGSN\*I\*EFHKQC\*NHNSTAERSCKHYLYKTQQQYNKRYSCGTRENISCNNKNNRKHKASTL\*H\*\*PKME\*HFKTGSYKIKETIWE\*NNNL\*AILRRGPRNCNAQLQLWRGIFLL\*FNATV\*\*YVG\*WY\*SDK\*H\*RR\*KEIHQSHSNAE\*NNL\*TCGRK\*EKQCMPLPSKDKLDVHQILQGCC\*QEMVVIVLIILRSSDLEEEI\*RTIGEVSYISIK\*\*KLNH\*E\*HPPRQGEEWCREKKEQ\*\*D\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRTIC\*ELLRRNSICCNSQSGASSSSRQESWLWKDT\*RINSSWGFGVALENSFAPLMCLGILVGVINLCRQFGVT\*PGCSGREKLTITQA\*YTP\*LKNRKTNKKRMNKTYWH\*INGQVCGIGLTYQTGCGI\*KYS\*\*\*\*EAW\*V\*E\*FLLYFL\*\*IELGRDTHHYRFRPASQLRGDPTGPKESKKKVERETETHPGD\*

>B.2005.FJ388931.-

MEPVDPRLAPWQHPGSQPKTGCNTCFCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAPQGSQNHQASLSKQ\*VVNVMQPLVIAAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNDSDGDQEELSSLVDRGHDAPWNVADL\*WCRKLVGHSLLWGTCVERSNYHSILCIKC\*SI\*NRGI\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GHNQFMGSKLKAMCKINPTLCYFKLH\*YKYKY\*\*DH\*\*\*\*\*YY\*SYRGKHSKRRNEKLLFQYYHRFTG\*KEERICTFL\*T\*YSTNR\*\*\*YK\*E\*\*W\*CPL\*VDKL\*HLKHYTSLSKSIL\*ANSYTLLCPGWFCDSKM\*R\*KVQWNRTMYKCQYSTVYTWN\*ASSIYTTAVEWQSSRRRGSN\*ICQSLGQC\*NHNSAAE\*VCKN\*LYKTQQQYKKKYTYSTRKGILCNRRNNRRYKTSIL\*H\*\*SKME\*NFKPGGWKIKRAI\*K\*NNSL\*PLLRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*\*YLE\*\*\*YLE\*Y\*\*DK\*HNRRRNDQTPMQNKTNYKHVADSRKSNVCPSHQRTD\*MFIKYYRATISKGWW\*\*Q\*QQCCRDLQTGRWRYEGQLEK\*II\*IQSSKN\*TNRNSTHQGKEESGAEREKSSTRSCVPWVLGCSRKHYGRSVTDTDGTGQTIAVWYSATAEQLAEGY\*GATAYVATHSLGHQAAPSKSPGCRKIPKGSTAPRNLGLLWKTHLHHCCALECYLE\*EKSNKYLG\*PDLDAVGKRN\*QLHRHYI\*LT\*RIAKPARKE\*TRVIGIR\*MGKFVELV\*HNTLAVVHKNIHNGSRRLDRFKNSFYCTFHSK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWERETETHQRPF

>B.2005.FJ388933.-

MEPVDPSLEPWKHPGSQPSTACNTCYCKKCCYHCQVCFTTKALGISYGRKKRRQRRRTPQDNQNHQVSLSKQ\*VVHVMQPLTIVAIIALVAAPIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDHEELSTLVEMGHDAPWDVNDL\*CYRKIVGHSILWSTCVERSNYHPILCIR\*\*SI\*YRKT\*CLGHTCLCTHRPQPTRNKLGKCDRKF\*HVEK\*HGRTDA\*GYSQFMGAKSKAMCKINPTLCYFKLH\*GYQYQCYQYQ\*\*\*QYQ\*\*\*RGNERGRRLV\*LHFHYHHRNKKRICILCFF\*\*SRNRKYKYYL\*VDKL\*HLKSYTGLSKGIL\*AYSHTLLCPGWFCDSKV\*\*\*EFQWNRTMYKCHRSTMNTWN\*ASSINSTTVKWQSSRRRRSN\*I\*KFHKQC\*NHNSTAERICRN\*VYKTKQQYNKKYTYGTRESLLYNRTNNRKYKTSTL\*R\*FSKMEKHLATGSWKIKRTI\*E\*NNSL\*AILRRGPRNCISQF\*LWRGIFLL\*YNKIV\*\*YLEWY\*RVK\*RY\*Q\*K\*HQ\*\*QH\*NRTPMQNKTNYKHVAGSRKSNVCPSHPRTN\*LYIKYYRAATNKRWW\*\*\*RD\*\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSDRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGH\*AAPGKSPSCGKIPKGSTAHGNLGLLWKTHLHHCSTLEC\*LE\*\*ISK\*NMG\*HDLDAVGQRN\*QLHRINILLN\*RIAEPTRKE\*KRIIRIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSSKGTRQARRNRRRRWRERQRQIRSI

>B.2005.FJ388934.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKRCCLHCPVCFTKKGLGISYGRKKRRQRRRSPKGNQTNQVPLPKQRVIHVMIPLTTILLIVALVVVAIIAIVVWSIVLIEYRKILRQRRIDKLIDRIRERAEDSGNESEGDQEELSGLMEMGHLAPWDIDDQ\*CYTKVMGHSLLWGTCVERGRHHSILCIRC\*SI\*YREA\*CLGHTCLCTHRPQPTRITIGKCNRRF\*YVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYSKLH\*FEY\*YY\*\*QHWWEEPYC\*CHRDRWKKRDDKLLFQCYRKQER\*DAESICTFL\*T\*CSTNR\*\*R\*E\*Y\*F\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSNTLLCPGWFCDFKV\*Q\*DIQWKRTLQ\*CQHSTVYTWN\*ASSINSTTVKWQSSRRRGNN\*I\*KFHRQC\*NHNSTVE\*NYRN\*LYKTQQQYKEKYIHRTRESILCTWRHNRRYKESILYP\*WNTME\*RFKTDS\*QITSTI\*ECIKNSL\*SILRRGPRNCITQF\*L\*RGIFLL\*YNTTV\*\*YLVSEWYLECY\*VK\*Q\*VK\*HYYSPMQNKTNYKYVAGSRKSNVCPSHRRTH\*LFIKYYRATINKRWWC\*\*QYH\*DLQTIRRKYKG\*LEK\*II\*I\*SSKN\*TIRGSTHQGKEKSGAERKKSSTRSAATRVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQLAESY\*GATTSVAAHSLGH\*TAPGKSPGCGKIPKRSAAPGDLGLFWKTHLHHYCALEC\*LE\*\*ISGGHLG\*HDLDAVGKRN\*QLHKCNI\*FNCKIAEPTGTE\*KRLIGVG\*MGKFVELV\*HNKLAVVYKNIHNDSRRIDRFKNSFYCTFFSE\*S\*AGIFTIIVADPPPRPKGTRQARRNRRRRWRRRQRQIQDL

>B.2005.FJ388935.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRPPQDSKTHQTPLPKQ\*VVYVMQALEISAIIALVVAGIIAIVVWTIVLIEYRKILRQRKIDKILNRIRERAEDSGNESEGDQEELSALVEMGGHDAPWDIDDL\*CCRSIVGHSLLWGTCMERSKCHTILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*YVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*\*VK\*VKCE\*DSYQ\*DLERSR\*RNKKLLFQYHHKHER\*DAKRICTFL\*T\*YSTNR\*\*\*\*\*\*CQLYQL\*INKL\*HLSH\*TSLSKGVL\*ANSHTLLCPGWFCDSQV\*\*\*EVQWIRTVYKCQHSTMYTWN\*TSNINSTAVKWQSSRRRGSN\*I\*KFLGK\*\*HHNSTVEGSCKHYLHKTQQQYKKKYTYRARGSILCNRHNRRHKTSTLQTFWNSMEQDFMADS\*KIKRTI\*E\*DNKIYSTLRRGPRNCNAQCKLWRGIFLL\*YITTV\*\*\*LG\*EC\*CWE\*YSWE\*YSWE\*YYHASMQNKTNYKHVAGSRKSNVCPSHQRTN\*MCIKYYRAVIDKRWW\*EQQ\*\*\*QY\*DLQT\*RRKYEG\*LEK\*II\*I\*SSED\*TIRNSTHQGKEKSGAKRKKSSGNNRSYVPRVLGSSRKHYGRSVNDADGTG\*TIIVWYSATAKQLAEGY\*CATAYVAAHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*I\*GPDLGKHDLDAVGKRN\*QLHRINIQST\*KIAKPTRKK\*TRIIRIG\*VGKFVELV\*HNKMAMVYKNIHNDSRRLDRFKNSFCCTFCSE\*S\*AGILTIVISDPLPSTEGTRQARRYGRRRWRKKQQQIHQI

>B.2005.FJ388936.-

MEPVDPSLEPWKHPGSQPKTACTSCYCKQCCYHCQVCFIKKALGISYGRKKRRQRRRTPQDSQTHQDSLSKQ\*VVHVMQSLQILAIVALVVAAIIAIVVWSIVLIEYRRILKQKKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYKRIVGHSLLWGTCVERRNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIGKCDRRF\*HVEK\*HGRPDA\*GCNQFMGSKPKAMCKINPTLCHFKLH\*\*FEE\*Y\*HHY\*VGERRNKKLLFQHHHQHKR\*GTERTCTFL\*T\*CSTNRRW\*\*\*\*Y\*L\*VDKL\*HLSRYTGLSKDNL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTM\*KCQYSPMYTWN\*ASSINSAAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTTE\*ICSN\*LYKAQQQYKKKYTYGTRESILCNRRNNRRYKRSTL\*P\*\*SSME\*YFKKGTYKIKRTIWE\*NNNL\*SILRRGPRNYYAQF\*LWRGVFLL\*YNATV\*\*YLELE\*YWRARNHK\*H\*H\*\*EYHTQMQNKTNYKLVAGSRKSNVCPSHQRTN\*MFIKHYWVTINKRWG\*YQERDPERD\*GLQT\*RRKYEGQLEK\*II\*I\*SGTN\*TIRNSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSGSDADGTGQTIVVWYSATAKQFAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHCCALEC\*LE\*\*IYG\*HLAEHDLDGVGKRN\*\*LHRLNIQLN\*RIAKPTRKE\*TRIIGTRSVGKFVELV\*YIKMAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIVPDPPPSSEGTRQARRN\*RRRWRERQRQIRKI

>B.2005.FJ388937.-

MEPVDPRLAPWQHPGSQPKTGCNNCFCKKCCFHCQVCFAKKALGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VVNVMQPLIIAAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIIERAEDSGNGDQEELSSLVDKGHDAPWNVADL\*WCRKLVGYSLLWGTCVERSNHHSILCIKC\*SI\*NRGI\*CLGHTCLCTHRPQPTRSTIGKCDRKF\*HVEK\*HGRTDA\*GHNQFMGSKPKAMCKINPTLCYFKLH\*CKYY\*DH\*\*\*YCEY\*\*GGKRRNEKLLFQYYHKLTR\*KAERICTFL\*T\*YSTNR\*\*\*\*K\*C\*\*C\*YPL\*VDKL\*HLNHYTSLSKGIL\*ANSYTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQYGTMYTWN\*ASSIYTTAVKWQSSRRRGSN\*ICQSLGQC\*SHNSTAE\*ICRN\*LYKTQQQYKKKYTYSTREGILCNRRNNRRYKTSILYH\*\*SKME\*NFKPGSWKIKRAI\*Q\*NNSL\*SLLRRGPRNCNAQF\*LWRRIFLL\*FITTV\*\*YLE\*Y\*MVK\*H\*RRKHHN\*RRKHHTPMQNKTNYKHVADSRKSNVCPSHQWTN\*MFIKYYRATISKGWW\*YH\*\*QFHRDLQTGRWRYEGQLEK\*IV\*IQSSKN\*TNRNSTHQGKEKNGAERKKSSNRSRSCVPWVLECSRKHYGRSVTDADGTGQAVIVWYSATAEQLAEGY\*GATASVATHSLGHQAAPSKSPGCRKIPKGPTAPRNLGLLWKTHLYHYCALEYYLE\*ELDYEKSNRYLG\*PNLDGVGKRN\*QLHRLYIHLA\*RLAKPARKE\*TRVIRIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFHSE\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRERQRHIKAI

>B.2005.FJ388939.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRSPKGNQTNQVPLSKQ\*VVHVMIPLSILSIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSGLMEMGHLAPWDIDDQ\*CYTKVMGHSLLWGTCVERGRHHSILCIRC\*SI\*YREA\*CLGHTCLCTHRPQPTRITFGKCNRRF\*YVEK\*HGRTDA\*GYNQSMGSKPKAMCKINPTLCYSNLH\*FE\*QHWWEPYY\*CPRDRWKKRNDKLLFQCYHRKDR\*DAESICTFYKLDVVPVDNEDKDNTSYSNTSYRLISCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNNKTFSGKGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRSENFTDNTKTIIVQLNETIKINCTRPNNNTRKSISIGPGRAFYAHGEIIGDIRKASCTLNGTQWNNTLRLIADKLLAQYNASKIAFNQSSGGDPEIVLHSFNCGGEFFYCNTTQLFNSIWNRDDIWNTTGGNGTESNNNITLPCRIRQIVNRWQEVGKAMYAPPIAGHISCLSNITGLLLTRDGGVNKSAIETFRPLGGNIKDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAALGALLLGFLGAAGSTMGAASLTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTSVPWNASWSNKSLEDIWDNMTWMQWEKEIDNYTSVIYELIEKSQNQQEQNEKDLLELDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSLVNRVRQGYSPLSLQTRHPGPRGPDRPEGIGEEGGEEDRDRSRIL

>B.2005.FJ388940.-

MEPIDPRLEPWKHPGSQPKTPCTNCYCKQCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQGSQTNQASLPKQ\*VVHVMQALQIVAIVALVVVAIIAIIVWSIVLIEYRKILRQRKIDRLIERITERAEDSGNESDGDREELAELVGRGHLAPWDINDL\*CYRKIVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRSQPTRGSIGKCDRIF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKTNPTLCHFKLL\*LYQNQYYGDCYQHQYYQSPQFRNKKLHFQYHHNPER\*GAEGICTFL\*N\*CRTNK\*\*\*Y\*L\*VNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQR\*EVQWNRTMYKCQHSTMYTWN\*TNSINSTTVKWQSSRRRDSN\*ISKSLKQCQNHNSTAEQIGRN\*LHKTQQ\*YKKKYTYGTRKGMVYNRRNNRKYKTSTL\*H\*YRKVD\*NFNAGS\*QIKRPIWE\*NNSLSSTRRRGPRNCSAQF\*LWRGIFLL\*YNTAVSI\*\*YLE\*YWRDEWHYHAPMQNKTNHKPVAGSRKSNVCPSHQRTNQMFIKYYRTAITKRWW\*\*\*QWE\*\*HRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTYQGKEKSGAERKKSSGIRSRVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAK\*LAEGY\*GAAASVTTHSLGH\*AAPGKSPGCGKIPTGSTAPGDLGMLWKAHLHHCCALEY\*LE\*QISGYYLE\*HDLDGLGQRN\*QLHKLNILLN\*RIAKPTRKE\*KRIIGIR\*MGQFVELV\*HNKLAVVHKNIHNDSRRLDRFKNNFCCNFFSE\*S\*AGILTIIVSDPPPSPEGTRQARTNRRRRWRARQRQIHLL

>B.2005.FJ388941.-

MEPVDPKLEPWKHPGSQPKTACTTCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTHQVSLPNQ\*VVYVMQALEIGAIVALVSATIIAIIVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVDDQ\*CCRGLVGYSLLWGTCVERRNHHSFLCIRCESI\*YRGT\*CLGHTCLCTHRPRPTRNGIGKCDRRL\*HVEK\*HGRADA\*RYN\*FMGSKPKAMCKINPTMCYFKLH\*LGEY\*\*CH\*\*YYSHY\*NYSHY\*\*QGNEGGSRNEKLLFQYHHKHKR\*GKERTCTFL\*T\*YSTNKR\*W\*\*\*YQL\*VDKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKM\*E\*DVQWKRTM\*\*CQHSAMYTWN\*ASSINSTTVKWQSSRRRDSN\*I\*QFLRQC\*NHNSTAEPICRN\*LYKTQQQYKKRYTYRTRESILCNRRNNRR\*KTSTL\*P\*QRSME\*NNRTGSKKVRKKI\*KYNHSL\*RILRRGSRNYNVQF\*LWRGIFLL\*YNTTV\*\*YLE\*\*\*YLEW\*\*HLEWYCNK\*HYHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*M\*IKHYRVAVNKRWWY\*RDH\*DL\*TWRRKYEGQLAK\*II\*I\*SSKN\*TIRISTHQGKEKSGAERKKSSGFRSHVPWVLGSSRKHYGRSINDADGTGQTTIVWYSATAEQPAEGY\*GATTSVATHSLDRVAVNKRWWY\*RDH\*DL\*TWRRKYEGQLAK\*II\*I\*SSKWSNKSVDYIWKNMTWMKWEKEIDNYTSLIYTLLEESQTQQEKNEQELLELDKWASLWNWFSITNWLWYIKIFIMIVGGLIGLRIIFAVLSIVRRVRQGYSPLSFQTHLPATRGPDRPEGIEEEGGERDRDRSGQL

>B.2006.FJ388947.-

IDPVDPTWKPSKHPRSQPNTPCTPKYCKRCCQHCQASFTKKTLDIS\*DRKKRRQRRRTPQDSQVHQVPLPEQKVINVMHPLQILAIVSLVVVAIIAIVVWSVVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQDELSALVEMGHDAPWDVNDL\*CYRKDVGHSILWGTCVERSHHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSTLGKCDRKF\*HVEK\*HGGPDA\*GYNQFMGSKPKAMCKINPTLCHFKLH\*RCGE\*YSQ\*Y\*YH\*\*HQPHYRRNEKLLFQCLLNHN\*\*EAERICTFL\*R\*YSTIR\*\*Y\*YYL\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWKWTMYKCQHSTMYTWN\*ASRIYSTAVKW\*SSRRRGNN\*IWKFHKQC\*NHNSTAK\*ICSN\*LYKTQQQYKKKHTYRTRESILCNRHNRRYKTGTL\*P\*\*ERLE\*HFKKSICKIERTIWGK\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YSTTV\*\*YLE\*Y\*Y\*LAK\*HRHK\*TYHAHMQNKTNCKPVAGSRKSNVCPSHQRSN\*LFIKYYRVAINKRWGG\*\*QWDR\*\*QWDRDLQTYRRKYERQLEK\*II\*I\*SGAS\*TIRSSTLPGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSISDADGTSQTIIVWYSATAKQFAESY\*GATTYVATHSYGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VL\*CHLGKHDLDAVGKRN\*\*LHKLNIHLT\*RSAKPAGKE\*TRPIGTR\*MGQSVELV\*YIKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVPDPPPSSEGTRQARRNRKKSSGNRSYSL\*TNKYPL

>B.2006.FJ388949.-

MDPVDPRLEPWQHPGSQPRTPCTNCYCKKCCFHCQTCFTQKALGISYGRKKRRQRRRPPQDSETHQVPLPKQ\*VIYVMQSLQILAIVALVVVAIIAIVIWTLVLVEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVDDL\*SYRTIMGHSLLWSTCVERSNHHSILCIRC\*SI\*HRGA\*CLGHTCLCTHRP\*PTRNSIGKCDRKF\*YVEKWHGRSDA\*GYN\*FMGSKLKTMCKINPPLCHSKLHIA\*IEYNPDQ\*\*YNPDQ\*Y\*\*WGNEKLLFQYNHKHKK\*GEERICTFL\*P\*CSTNR\*\*KLYTDKL\*HLSHYTGLSKGIL\*TNSNTLLYPGWFCDYKV\*\*\*KVQWIRTM\*KC\*HSTMYTWN\*ASSVNSTAVKWQSSRRRNSN\*I\*KPHRQC\*NHNSAAE\*IYTN\*LYKTQQQYKEKYIYRTRESILCNRRHNRKYKTSTL\*P\*\*NTME\*HFKKDSYKIKRTI\*E\*NNSL\*SILRGGPRNSNAHL\*LWKGIFLL\*YNKAVQ\*YLAG\*WY\*E\*YYRPGNGTITLPCRIKQIINRWQEVGKAMYAPPIQGQIRCSSNITGLLLVRDGGNSNSSTEIFRPGGGNIKDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGTIGALFLGFLGAAGSTMGPASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTV\*GIKQLQARVLPVERFLKDQQLLGIWGGSGKLICTFLIPWNTSWSNKSIAQIYDNITWIQWEREISNYTNTIYTLIEKSQNQQKKNKQELLELNKWTSLWNWFDITNWMWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTRLPNPRGPDRPEGIGEEGGEHDRDRSRPL

>B.2006.FJ388955.-

MEPVDPSLDPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSETHQDSLPKQ\*VVYVMQPLKIVAIVALVVAIIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERADDSGNESEGDQEELSALVEMGRHAPWDVNDL\*CYKQLVGYSLLWGACVERSNHYSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKV\*HVEK\*HGRTDARRYNQFMGSKPKAMRKINSTLCYFKLH\*FKLH\*LH\*FEK\*\*\*RYKR\*SRNEKLLFQYHHK\*KR\*SEERICTFLQP\*YSTNK\*\*\*\*W\*Y\*\*Y\*L\*VGKLQHLSHYTGLSKGNL\*TNSHTLLCPGWFCDSKV\*\*DGIQWNRTM\*KCQHSTMYTWN\*ASSINSIAAKWQSSRRRCST\*ICQFLGQC\*NHNSTAK\*NCEN\*LYKTQQQY\*KKYKYRTRESILYNRGNNRRYKTSTL\*H\*WRRMEENFTTDS\*KIKRTI\*Q\*DNNL\*AILRRGPRNCNAQF\*LWRRIFLL\*YITTVQ\*YLEHH\*A\*VKYHR\*KYHR\*KYHTPMQNKTNHKYVAGSRKSNVRPSH\*RTN\*MFIKYYRAAINKRWW\*\*YHKWNRDFQTWRRRYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAERKKSSNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQFAESY\*GTTASVATHSLGH\*TAPGKSPGYRKIPEGSTAPRDLGLLWKTHLHHRCALEC\*LE\*\*IFGSDLGEHDLDAMGERNRQLHK\*NILFA\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRVKNNFYCTFYSK\*S\*AGILTIVVSDPLPSTEGTRQARRNRRRRWRERERAIQQI

>B.2005.FJ388956.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRANQDSQTHQASLPKQ\*VVHVMQPLQVAAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLAPWDIDDL\*CCRTIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YGST\*CLGHTCLCTHRP\*PTRIRIEKCDKKF\*HVEK\*HGRPDA\*GCNQFVGSKPKAMCKINPTLCHFKLH\*CEYH\*CEYY\*YQ\*\*FENGDGRNEKLLFQYFHNRSSRS\*DEETICSF\*\*T\*CRTNKK\*EYY\*QYQLQVKKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*K\*EVQ\*NRTMYKCQHSTVYT\*N\*ASSINSITVKWQPSRRRGGN\*IKKFHRQY\*NHNSTVEDRGNN\*LHKTLQEDRTIDTYKTKESIVCSR\*HNRR\*TSTV\*P\*\*QQIE\*YFKTDS\*KIKRTI\*E\*NNNFSATLRRGPRNCNAQF\*L\*RGIFLL\*FIKTV\*\*YLEY\*\*YFR\*Y\*KVK\*Q\*\*Q\*\*KYHTPMQNKTNYKHVAGSRKSNVCPSHQGRNSMFIKYYRAVINKRWWS\*RDQRDFQTWRRRDEGQLEK\*II\*I\*SSKT\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWALGSSRKHYGRSVGDADGTSQTIVVWYSATAEQPAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISE\*YLG\*HDLDAVGQRD\*QLHKSNIQFN\*GIAIPTRKE\*TRIIGIR\*VGKFVELV\*HIKLAVVYKNIHNDSRRLDRLKNSFCCTFYSK\*S\*AGILTIVISDPLPSSEGTRQARRNRRRR\*RQRQNQIHKF

>B.2005.FJ388957.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKVCCWHCQACFTKKALGISYGRKKRRQRRRTPQDSPTHQDSLSKQ\*VVHVMQSLQILAIVALVVAAIIAIVVWSIVFIQYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWVVDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIKC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSTIGKCDRTF\*HVEK\*HGRTDA\*GYNQFMGSKPKTMCEINPTLCHFKLH\*RFGE\*Y\*YQ\*\*Y\*YQ\*\*\*\*NEKLLFQCHPKHKR\*GAERICTFL\*T\*CSTNR\*\*K\*\*\*Y\*I\*VDKL\*HLSHYTGLSKGNL\*TNSHTLLCPGWFCDSKV\*Q\*DVQWKRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*KFHEQC\*NHNSTAE\*ICSN\*LYKTQQQYKKKYKYRTRESILCNRRNNRRYKTSTL\*P\*\*\*SME\*HSKTDSYKIKRTIWGE\*NNKL\*SILRRGPRNWNAQF\*LWRGIFLL\*YNTTV\*\*YLE\*C\*LAR\*HK\*H\*H\*WKYHTHMQNKTNYKPVAGSRKSNVCPSHQRTN\*MFIKYYRVAVNKRWGY\*REQGDRGLQTYRRKYEGQLEK\*IVQI\*SGTN\*TIRSSTHPGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAKQFAEGY\*GAATSVATHSLGHQAASGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IL\*GDLG\*HDLDAVGKRN\*\*LHRLNIHLN\*RIAEPTRKE\*TRIIGTR\*VGKFVELVYYTKLAVVYKDIHNDSRRLGRFKNSFCCPSTANSPTQRSSPSSFQTHLPAPRGPDRPEGFEEEGGERDRDRSGRS

>B.2005.FJ388958.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKRCCLHCQVCFIKKGLGISYGRKKRRQRRRTPPDSQGHQVPLSEQ\*VVYVMYSLYIWAIVALVVAAILAIIVWTIVGIEYRKILRQRKIDRLIDRITERAEDSGNESDGDQEELSALMERGHLAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSVLCIRC\*ST\*DRGT\*CLGHTCLCTHRPQSTRSKIGKCDRKF\*HVEK\*YGRPNAGGYNQFMGSKPKTMCKVNPTLCYFTLH\*CKQNYHSQ\*\*\*FSKNHSQ\*Y\*FRRRRRHEKLLFQYHHRQNR\*EEERICTFL\*A\*FSTNR\*C\*\*E\*\*S\*\*Y\*L\*VDKL\*HLSSHTSLSKDRL\*ANSHTLLRPSWFCDSKV\*\*\*EIQWNRSMYKCQHSTMYTWNYASSVNSTVVKWQSSRRRGSN\*I\*KFH\*QC\*NHNSTAE\*VCKNYLYKAQQQYKKKDNDGTRESTVYNRRNNRRHKTSTL\*HQWRELD\*HFKTHSYEIKRTI\*QNNNLSATLRGGPRN\*KAHF\*LWRGIFLL\*YNTIV\*\*YLECY\*YWEWK\*NK\*H\*YHWPYHYPMQNQTNYNHVAGTRKSNICPSPQRPNSMLIIYNRAVINKRWWLKFK\*\*Q\*\*DLQTWRRKYEGQLEK\*II\*I\*SSKT\*TIRSSTFQGKEKSGAERKKSNRDRSYVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQPAEGY\*GAAAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKAHLHHYCALEC\*LEQ\*ISG\*NLGKHDLDAVGKRN\*QFHKLNI\*LT\*RIAEPAGKE\*TRLIGIR\*VGQFMELV\*YNKLAVVYKNIHNDSRRLNRFKNSFYCPFYSE\*S\*AGILTTSFQTRFPIPSGPARPQGIEEEGGERDRDRSTRL

>B.2005.FJ388959.-

MEPVDPSLEPWKHPGSQPKTPCTSCYCKVCSYHCQACFLNKALGISYGRKKRRQRRRPPQDSPTHQAPLSKQ\*VVHVMQPLAILSIVALVVAAIIAIVVWSIVIIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDHEELSALVEMGHHAPWVVDDL\*CCRKIVGYSLLWGTCVERSNHHSILCIRC\*RI\*YRGT\*CLGHTCLCTHRPQPTRSALGKCDRKF\*HVEK\*HGRPDA\*GYN\*FMGSKFKAMCKINPTLCHFKLH\*LLE\*\*Y\*YQ\*Y\*YQ\*\*Y\*YQ\*\*\*\*NEKMLFQCLPNHKG\*GEERICTFL\*I\*CSKNR\*WK\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGDL\*TNSHTLLCPGWFCDSKV\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSPAVKWQSSRRRGSN\*I\*KFHEQC\*NHNSTAK\*ICSN\*LYKTQQ\*YKKKYTYRTRESILCNRRYNR\*YKTSTL\*P\*\*\*SME\*HFKTDSYKIKRTIWEE\*NNKL\*PILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLE\*Y\*MVK\*RK\*HKHRQKYHTHMQNKTNYKPVAGSRKSNVCPSHQRTN\*MFIKYYRVALNKRWG\*\*RDQHHRGLQTCRGKYEGQLEE\*II\*I\*SGTN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSISDADGTGQTIVVWYSATAKQFAEGY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*IL\*\*DLGEHDLDAVGKRN\*\*LHKLNIHLNWRIAEPTRKK\*TRIIGTR\*VGQFVELV\*YNTVAVVYKNIHNDSRRLGRFKNSFSCAFHSE\*SHAGILPIIISDPPPPPEGTPQARRNRRRRWRERQRQIRWI

>B.2005.FJ388960.-

MEPVDPSLEPWKHPGSQPKTACTSCYCKKCCYHCQVCFIKKALGISYGRKKRRQRRRPPQGSQTHQASLSKQ\*VVHVMQPLQILAIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGHSILWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLH\*LGE\*Y\*YQ\*\*\*WEYRRNEKLLFQGLHKRKR\*DAERICTFL\*T\*CGTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWKRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KFYRQC\*NHNSTAEGSCSN\*LYKTKQQYKKKYKYRTRESILCNRRNNRRYKTSTL\*P\*\*SSLE\*HFRTDSYKIRRTIWE\*NNNL\*SILRRGSRNYNAQF\*LWRGIFLL\*YNTTVY\*\*VEEWY\*IVREQN\*HRRKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFFKYYWVAINKRWG\*YRGERDRGLQTWRRKYEGQLER\*II\*I\*SGTN\*TLRSSTHQGKEKSGAERKKSSNRSYVPWVLGSSRKHYGRSISGADGTGQTIIVWYSATAKQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPTGSTAPGDLGMLWKTHLHHCCALEY\*LE\*\*ISIRDLE\*HDLDGVGKRNSQLHRLNIHFN\*RIAVPTRKE\*TRIIGTR\*VGKFVELV\*YNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWREKQRQIRSI

>B.2005.FJ388962.-

MEPVDPSLEPWQHPGSQPKTPCTPCYCKACCYHCQFCFERKALGISYGRKKRRQRRRTPQDSPTHQGSLSKQ\*VVHVMQSLQVLAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWVVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSTLRKCDRKF\*HVEK\*HGRPNA\*GCN\*FMGSKPKAMCKINPTLCYFKLH\*RFEEQY\*YQ\*\*YRTKKLLFQCLPNHER\*GAERICTFL\*I\*CSTNR\*\*K\*\*\*Y\*L\*VDKL\*HLSHYTGLS\*GNL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWKRTMYKCQHSTMYTWNQASGINSTAVKWQSSRRRGSN\*I\*KFHGQC\*HHNSTTE\*ICSN\*LHKTQQQYKEKYTYRTRESILCNRRYNRRYKTSTL\*P\*\*\*SME\*HFKTNS\*KIKRTIWGK\*HNKL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLG\*\*Y\*MIK\*HKSH\*H\*QKYHTHMQNKTNYKPVAGSRKSNVCPSHQRTD\*MFIKYYWVAINERWG\*WEQQHDRGLQTCRRKYEGQLEE\*II\*I\*SGTN\*TIRGSTHQGKEKSGAERKKSSGIRSCVPWVLGSSRKHYGRSISDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*DLG\*HDLDAMGKRN\*\*LHKLNIHLN\*RIAEPTRKE\*TRIIGTR\*VGKFVELVRYNKLAVVYKDIHNDSRRLGRFKNSFCCTFYSKQS\*AGILTIIVSDPPPSNEGTRQARRNRRRRWRARQRQIRSL

>B.2005.FJ388963.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKRCCLHCQVCFIKKGLGISYGRKKRRQRRRTPQDNQGHQVPLSEQ\*VVYVMNSLQIGAIVALVLVAILAIVVWTIVGIEYRRILRQRKIDRLIDRIAERAEDSGNESDGDQEELSALVERGHLAP\*DANDDL\*CYRKIVGHSLL\*GTCVERSNYHSVLCIRC\*ST\*YRGT\*CLGHTCLCTHRPQSTRSKIECDRKF\*HVGK\*YGRPDA\*GYNQFIGSKPKAMCKVNPTLCHFKLH\*CKQKYH\*QWCHNQ\*\*\*FRRRHEKLLFQCHHRQNR\*DEKRICTFL\*A\*YRTNK\*R\*\*E\*\*\*\*L\*VDKL\*YLSSHTSLSKDIL\*ANSHTLLRSS\*FCDSKV\*\*\*EIQWNRSM\*RCQHSTVHTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHRQC\*NHNSTAE\*VCRN\*LYKAQQQYKKKYTDRTRESIVYNRRNNRRHKTSTL\*HQWRKME\*NLIPDSYEIKRTI\*EQNNIL\*ATLRRGPRN\*NTQF\*LWRGIFLL\*YNKTV\*\*YLEC\*YWEWK\*NWRGHK\*\*WHK\*EYHTSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MLIKYYRAVITKRWWFK\*\*H\*\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTFQGKEKSGAERKKSSRARSCVHWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQPAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPKDLRLL\*KAHLHHCCALEC\*LE\*\*IL\*\*HLEEHDLDAVGKRN\*KLHKLNI\*LT\*NIAEPARKE\*TRLIGIR\*VGQFVKLV\*YNKLAVVYKNIHNDSKRLNKFKNSFYCTFYSE\*S\*AGIFTTIISDPLPNPERTRQARKNRRRR\*RKRQRQIHSL

>B.2005.FJ388964.-

MEPVDPRLEPWKHPGSQPRTACTSCFCKKCCYHCQKCFITKGLGISYGRKKRRQRRTASPGSETHQVSLSKQ\*VIHVMQSLVVLSIVALVVVGIIAIVVWTIVFIEYRKILRQRKIDRIINRIIERAEDSGNESEGDHEELSALVERGHDAPWNVDDL\*CYRTIVGHSLLWGACVERSNHHFILCVRC\*SI\*QRST\*CLGHTCLCTHRPQPTRSSIGKCDRRI\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFKLYCQCYYYTRKYN\*RNEKLFF\*YYHKHKR\*EAE\*ICTVL\*R\*CNTNR\*\*\*YFQL\*VDKLQYLNHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EI\*WKRRM\*KCQHSTMYTWN\*ASSVNSTAAKWQSSRRRDSN\*I\*\*FHGQY\*NHNSTFE\*ICRN\*LYKAQQQYKKRYTYGARSILCNRKDNRRYKKSTL\*H\*\*SKME\*NFRTNSYKIKKTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*HKTTV\*\*YLE\*\*\*YLECYK\*H\*HCRKYHTPMQDKTNYKLVAESRKSNVCPSHQRTN\*MFIKYYRAATNKRWW\*GK\*HELY\*DLQTWRRRHEGQLEK\*II\*I\*SSKT\*TIRSSTFQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNDADGTGQAITVWYSAAAE\*FAAGY\*GATASAATHSLGHQAAPGKSPGCGKIPTGSTALGDLGLLWKAHLHH\*RALEC\*LE\*\*ISESDLE\*HDLDAVGKRD\*QLHKLNI\*LN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNNSRRFDRVKNSFYCDFYSK\*S\*AGILTIVVSDPPPRPEGTRQARRNRRRRWRERQRQVRAH

>B.2005.FJ388965.-

MEPVDPRLEPWKHPGSQPRTACTSCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQVSLSKQ\*VVHVMNSLTIISIVALVVVAIIAIVVWTIVLLEYRKILRQRKIDRLFDRIRERAEDSGNDSEGDQEELAGLVDMGHHAPWDVDDL\*CCRQLVGHSLLWGTGVERSNYHSILCIRCESI\*YRGT\*CLGHTCLCTHRPQSTRNRLGKCDRKI\*HVEK\*HGRTDA\*GYNQFMGSKPKTMCKINPTLCYFKLH\*LGK\*Y\*DQ\*\*\*REIEDGKRRNKKLLFQCHHKHKR\*NAKSICSFL\*T\*CSTNR\*\*\*IKRG\*LYHL\*VDKL\*HLSHYTGLSKGIL\*ANSNTLLCPGWFCDSKV\*REKVQGNRTM\*KCQHSTMYTWH\*ASSINSTATKWQSSRRRCSNQI\*KFHKQC\*NHNSTSK\*ICSN\*LYKTPQQYSQQYTYRTRESILCNRKNNRRYKTSTL\*Y\*\*KRMEQNFTQGSYKIKRTISK\*NNKIYSALRRGPRNYNTQF\*LWRGIFLL\*YNTTV\*\*YLD\*E\*YLD\*EWY\*QKNGSDKNITLQCRLKQIINMWQEVGKAMYAPPISGQIRCSSNITGLLLTRDGGKNENGTNNNTEIFRPGGGDMRDNWRSELYKYKVVKIEPIGLAPTKAKRRVVQREKRAALGALFLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLALERYLGDQQLLGIWGCSGKLICSTAVPWNASWSNKSLDTIWNNMTWMQWEKEIDNYTDLIYILLEKSQNQQEKNEQELLELDKWANLWNWFDITKWLWYIKIFIMIVAGLVGLRIVFSVLSIVNRVRKGYSPLSFQTHLPAQRGPDRPEGIEEEGGERDRDRSGRL

>B.2005.FJ403482.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKRCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VIYVMPPLYIASIVALVVAAILAIVVWTIVVIEYRKILRQSKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWNVDDL\*CYRTMVGHSLLWGTCVERSNNHFILCIRC\*VI\*YRDAQCLGHTCLCTHRPQPTRNSIRKCDRRF\*HMEK\*HGRTDA\*RYNQFMGSKPKAMC\*INSTLCYFKLH\*SFDFKWH\*FFKECYYERRRNKKLLFQYLHKRKREGAERICTFL\*S\*CNTNR\*YYQL\*VDKL\*YLSHYTGMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KIQWNRTMCKCQHSTIYT\*N\*ASSVNSTAVKWQSSRGGSN\*I\*KFHE\*\*\*NYNNTAE\*SCKN\*LYKTQQQYKKRYTFKTKESILCNRHNKRYQKSILYH\*\*RQIE\*HFKTNSW\*IKRAI\*E\*NNSF\*SLLRRGSRSCNAQF\*L\*RRIFLL\*FITAI\*\*YLGVW\*\*KFS\*HHY\*K\*NYHPPM\*NKTNYNHVAGSRKSNVCPSHQRTN\*MYIKYHRAATNKRWWQHRHEK\*\*\*DLQPWRGKYEGQ\*EK\*IIQI\*SSTN\*TIRSSTHQGKKESGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHTTAPDNSPC\*GKIHKGSTATRDLGLL\*KPHLHHCCALEW\*VE\*KLISG\*HLGEHDLDAVGKRN\*QLHRINI\*LT\*RIAKPTRKE\*TRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNNFCCAFYSE\*S\*AGILTIIIADPPPSSEGTRQARRNRRRR\*KERQRQIRSI

>B.2006.FJ460499.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCLHCQVCFMQKGLGISYGRKKRRQRRRAPPESQNNQVSLPKQ\*VIHVMQSLXILAIVALVVAAILAIIVWSIVFIEYRRIRRQRKIDRLIDRIRERAEDSGNESEGDQEDLSALLDMGHLAPWDIXDL\*CYYREIVGHSLLWGTSVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSTIGKCDRRF\*HMEK\*HGRTDA\*GYNQFMGSKPKAMCKINTTLCYFKLL\*\*YYYYPYY\*WHC\*YQSHL\*Q\*\*C\*EGSRNEKLLFQCHHKHKR\*GEERICTFL\*P\*YNTHR\*YHL\*VDKL\*YLSHYXXLSKGIL\*ANSHTLLCPSWFCDSKV\*\*\*NVHGKRTMYKC\*HSTMYTWN\*TSGINSTIVKWQSSRRRDSN\*V\*QFLGQC\*DHNSAAERICRNKLYKTQ\*\*YKKKYTYRTRESILCNRRHNRRYKTSTL\*H\*WNKME\*HSKTSSYEIKRKIWKQDNSL\*SLLRRRPRNCNAQF\*L\*RRIFLL\*YIKTV\*\*\*LGW\*\*LEWY\*LG\*QY\*WGK\*YYHTPMQNKTNYKHVARSRKSNVCPAHQRTN\*MFIKYYRAAINKRWGQYHYHKRHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAEREKSSGNRSSVPWILGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*SAESY\*GAAAYTATHSLGH\*AAPGKSPGCGKIPKRSAAPGNLGLLWKTHLHH\*CALEC\*LE\*\*KSN\*DLG\*PNLDGLGKRN\*QLHRPNILFT\*RIAEPTRKK\*TRLIGIG\*MGKFMELV\*HNKLAVVYKNIHNDSSRLGRFKNSFYCAFYSK\*S\*AGILTTVISDPPPSSEGTRQARRNRRRRWRQRQRQIQSI

>B.2006.FJ460500.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMQKGLGISYGRKKRRQRRRAPPESQNHQVSLPKQ\*VIHVMQSLEILAVVALVVAAILAIIVWSIVFIEYRRIRRQRKIDRLIDRIRERAEDSGNESEGDQEDLSALLEMGNHAPWDIDDL\*CY\*REIVGHSLLWGTSVERSKHHSILCIRCQSI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRI\*HMEK\*HGRADA\*GYNQFMGSKPKAMCKINTTLCYFKLL\*\*YYYHY\*YQSHYL\*Q\*\*G\*EGSRNEKLLFQCHHKHKR\*GKKRTCTFL\*P\*YSTNE\*YHL\*VDKL\*YLSHYTGLSKDIL\*ANSNTLLYPSWFCASKV\*\*\*NVHGKRIMYKC\*HSTMYTWN\*TSGINSTIVKWQSSRRRDSN\*V\*HFLRQC\*DHNSAAKRICRN\*LYKTQ\*\*YKKKYKYRTRESILCNRRHNRRYKTSTL\*H\*\*RKME\*HSKTSSYEIKRKIWKQDNSL\*SLLRRRPRNCNAQF\*L\*RGIFLL\*YNKIV\*\*\*LEWY\*LG\*\*Y\*CRK\*YYHTPMQNKTNYKHVARSRKSNVCPAHQRTN\*MFIKYYRAVINKRWGH\*YHKRNRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKRSGAEREKSSGNRSSVPWILGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*SAESY\*GAAAYAATHSLGH\*AAPGKSPGCGKIPKRSAAPGNLGLLWKTHLHH\*CALEC\*LE\*\*NSN\*DLG\*PNLDGMGKRN\*QLHRPNILFN\*RIAXPTRKK\*TRLIGIG\*MGKFMELV\*HNKLAVVYKNIHNDSSRLGRFKNSFYCDFYSK\*S\*AGILTTVISDPPPSAEGTRQARRNRRRRWKQRQRQIQSL

>B.2006.FJ460501.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCLHCQVCFMQKGLGISYGRKKRRQRRRAPPESQNHQVSLSKQ\*VIHVMQSLEILAIVALVVAAILVIIVWSIVFIEYRKIRRQRTIDRLIDRIRERAEDSENESEGDQEDLSALLGMGHLAHWDINDL\*CYYRKMVGHSLLWGTSVERSKHHFILCIRC\*RI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*HMEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKVHW\*YYX\*CQ\*HYS\*QL\*CWGGSSNEKLLFQCHHEHKREGEERICTFL\*P\*YNTNGR\*YHL\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPSWFCDYKV\*\*\*NVRGKRTM\*KC\*HSTMYTWN\*TSGINSTIVKWQSSRRRDSN\*V\*QFL\*QC\*DHNSAANRICRN\*LYKTPQQYKKKYKYGTRESILCNRRHNRRYKTSTL\*H\*WRKME\*HSKTSSYEIKRKICKQDNSL\*STLRRRPRNRNAQF\*L\*RGIFLL\*YIKTV\*\*\*LYFEWY\*LE\*QY\*WGK\*YNHTPMQNKTNYKHVARSRKSNVCPAHHGTN\*LFIKYYRAAINKRWW\*\*HRHKPNRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAEREKSSGNRSSVPWILGSSRKHYGRSVTDTDGTSQTIIVWYSATAE\*SAESY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHH\*CALEC\*LE\*QN\*SNSDLG\*PNLDAVGKRN\*QLHRPNIHFT\*KIAKPTRKK\*TRLIGIG\*MGQFMELVWHNKXAVVYKNIHNNSSRLGRFKNSFYCAFYSE\*S\*AGILTTIVSDPPPRSEGTRQARRNRRRRWRQRQRQIQSL

>B.2005.FJ469682.chronic

MEPVDPRLEPWKHPGSQPQTACTNCYCKQCCFHCQVCFTKKALGISYGRKKRRQRRRAPQDSQTDQASLSKQ\*VVHVMIPLQIAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRIINRIIERAEDSGNESEGDQEELSALVERGHLVPGDMGHHAPWDVNDL\*CCK\*FVGHSLLWGTCVERSNHHSILCIRC\*SI\*\*RGT\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMG\*KPKTMCKINPTLCYFKLY\*CHY\*K\*NYW\*SYQY\*\*SY\*\*RERDEGRRNKKLLFLCPHKHKR\*DAKGICNFL\*T\*SRTNR\*\*\*Y\*\*Y\*\*\*\*\*DQ\*\*\*\*\*\*\*LYIDKL\*HLSHYTGLSKDIL\*ANSHTLLYPGWFCASKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*V\*KFHEKY\*NHNSTAERTCKN\*LHKTRQKDKKKYIYGTKESMVCNRRHNRRYKTSTL\*H\*\*SKLE\*HFGTSS\*QIRRTIWE\*NNNL\*STNPRRGPRNCNAQL\*LWRGIFLL\*YNTTI\*\*HLELEC\*YWKV\*C\*\*N\*RKWHNHTPMQNKTIYKPVAESRKSNICPSHPRKY\*LFIKYYRAAINKRWWY\*\*QVQRDLQTCRRRYERQLEK\*II\*I\*SSKN\*TIRNSTHYSKEKSGAERKKSSRNRNSAPWVLVSSRKHYGRSVNDADGTGQTIIVWYSATAKQFAESY\*GATASVATHSLGH\*AAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*I\*A\*DLG\*HDLDGVGKRN\*QLHRGNIQLNCKIADPTRKE\*TRIIGIR\*MGKLVELV\*HNKLAVVYKNIHNDSRRLDRFKNIFCCAFYSKES\*AGIFTIIVSDPPPSPEGTRQARRNRRRRWRERQRRIRTI

>B.2005.FJ469683.chronic

MEPVDPRLEPWKHPGSQPKTPCTKCYCKRCCYHCQVCFITKGLGISYGRKKWRQRRRNPQDSETHQAHLSKQ\*VVHVMQPLAILAIVALVVAIILAIVVWSIVFIEYRKIRRQRKIDRLIDRIIDRAEDSGNESDGDQEELSALVERGHLAPWNIDDL\*CCRQLVGYSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGYTCLCTHRP\*PTRSEIGKCDRKF\*HVEKWHGRTDA\*GYNQFVGSKPKAMCKVNSTLCHFNLH\*CCSY\*\*\*\*Y\*\*\*\*\*Y\*\*\*\*\*YY\*\*RNDGRNKKLLFQCHNKPKR\*VTERICTFL\*T\*CSTNR\*W\*\*\*\*YQL\*VNKL\*YFSPYTGLSKGIL\*ANSHTLLYPSWFCDSKV\*\*\*EV\*WNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRNSN\*I\*EYHGQC\*NHNNTTE\*TCRN\*LYKTQQQYKKKYTYSTRESILCNRSHNRKYKTSILHH\*\*NRME\*HFTKDS\*KIRRTI\*EQNNSL\*ATLRRGPRNCNAQFYLWRGIFLL\*YNTTV\*\*YLV\*WYLEWYYRVK\*HY\*YHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAIDKRWW\*EQQHQ\*DLQT\*RRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNDRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAKQFAEGY\*GATTSVATHSLGH\*TAPGESPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*KSDSDLG\*HDLDGVGKRN\*QLHKLNIHFD\*RIAEPTRKE\*TRIIGIG\*VGKPVELV\*HN\*LAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*EGILTIIVADPPPSTEGTRQARRNRRRRWRERQRQISTI

>B.2004.FJ469684.chronic

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPLDSETHQVSLPKQ\*VVYVMQSLEIVAIVALVLAGIIAIVVWSIVLIEYRKILRQRKIDRLIERISERAEDSGNESDGDQEELSALVEMGRLAPWDINDQ\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRPDA\*GCNQFMGSKSKTMCKINPTLCYFKLH\*FEE\*CYYY\*\*W\*\*GNDKRGNEKLLFQC\*HKCSR\*EAKGICTFL\*A\*YSTNGK\*QF\*L\*IDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*EIQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQPSRRRSSN\*I\*KFHRQC\*NHNSTSG\*TCRN\*LYKTQQQYKKKDNYGTRESILYNRRSNRKYKTSTL\*H\*WSKME\*HFRKNS\*ETKRTIWK\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YSKIV\*\*YLE\*Y\*IK\*HGSKDHTTMQNKTNYKQMAGSRKSNVCPSHQRTD\*MFIKYYRAAINKRWW\*YHKQVRDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKSSGIRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVCYSATAEQFADGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGRDLG\*HDLDGVGKRN\*QLHKRNIQLN\*TITKPARKE\*KRIIRIGQMGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCIFYSE\*G\*EGIFTNIISDPPPSPTGTRQARRNRRRRWRERQRHIKTI

>B.-.FJ469685.chronic

MEPVDPRLEPWKHPGSQPKTACNACYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQGHPAHQVSLSKQ\*VVHVMQSLEISAIVGLVVAGIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*CFRKVVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRNT\*CLGHTCLCTYRPQPTGNNNGKCDRRF\*HVEK\*HGRSDA\*GCNQFMGSKFKAMCKINTTLCYFKLH\*YEC\*YECY\*NQ\*\*\*RANDGERRNERNEKLLFQYHHKRER\*AAETICTFL\*T\*YSANRG\*\*Y\*L\*VDKL\*HLSHYTGLSKSIL\*ANSYTLLHTGWFCDSKM\*Q\*DIQWERTM\*KRQHSTMYTWN\*TSSINSTAVKWQPSRRRGSN\*ICQFHRQC\*NHNSTAE\*IYSN\*LYKTQQQYKKKYTYRTRESILYNRRYNRGYKTSTLQP\*\*STME\*HIKTDS\*KIKRTI\*K\*NNSL\*SILRRGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*YLEHYRK\*HHRTRK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*QK\*Y\*GLQTCRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKLPKGPTAPGDLGLLWKTHLHHYCALEC\*LE\*\*KSKSDLE\*HDLESVGKRN\*QLHRLNILLN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCALYSK\*S\*AGIFTIIVSDPPPSPEGTRQARRNRRRRWRQRQRQIRSL

>B.2003.FJ469686.chronic

MEPVDPSLEPWKHPGSQPKTACNNCYCKRCCYHCQACFTTKGLGISYGRKKRRQRRRPPQDSQTNQASLSKQ\*VIYVMQPVQILAIVGLVVAAILAIVVWTIVYIEYRKIVRQRKIDKILDRIRERAEDSGNESEGDQEELSKLVVEMGHDAPWVIDDL\*C\*RQVVGHSLLWGTCVERSNYHSILCIRC\*SIFYRGT\*CLGHSCLCTHKPQPTRSNIRKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPEAMCKTNPTLCYFTLH\*CKEWYEYHQYYY\*YH\*YYW\*VYKERRNEKLLFQCHHKHKR\*DKDRICPL\*\*T\*CGTNR\*\*\*GN\*EYQQL\*VDTL\*HLSHYTSLSKDIL\*ANSYTLLYPSWFCTPKM\*G\*EV\*WNRIM\*KCQHSAMYTWN\*ASSVNSTAVKWQPSRRRGNT\*I\*KFYRQY\*NHNSTFE\*ICSN\*LYKTQQQYKKKDTYRTRESILCNRHNRKYKASILYH\*WNKMGKHFRKDSCKIRRTI\*E\*NNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*FNSTV\*\*QLE\*DWRGLD\*GDKSHKQNYHTPMQNKTNYKHVAASRKSNVCPSHQRTN\*LYIKYYRAAINKRWWE\*\*QRYRDLQTWRRKYERQLEK\*IIQI\*SSKN\*AIRSSTHQGKEESGAERKKSNRGNRSYVPWVLGSSRKHYGRSISDADGTSQAIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGPTAPGNLGLLWKAHLHHYCALEY\*LE\*\*KSNSDLG\*HDLDAVGKRN\*KLHRLNIHFN\*RITEPTRKE\*TRIVSIRFMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSKKS\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRERQRQINKI

>B.2002.FJ469687.chronic

MEPVDPKLEPWNHPGSQPKTACTPCYCKQGCYHCQVCFITKGLGISYGRKKRRQRRRAPPSSPPNQVSLSKQ\*VVHVMQPLTILAIVALVVAIILAIVVWTIVGIEYRKILRQKRIDRLIDKIRERAEDSGNESDGDQEELSTLMEMGHHAPWNVNDL\*CCRTIVGYSLLWGTCVEGNSHHSILCIKC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSSNGKCNRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFRVL\*LCEKCY\*WHYYS\*Q\*Y\*LEQDGARRNKKLLFQYHHRNKR\*GAERICSFL\*A\*CSTNR\*\*K\*\*L\*VDEL\*HLKDYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EV\*WNRTM\*KCQHSTMYTWN\*ASSINSAAIKWQSSRRRGSNKI\*EFHKQC\*NHNSTAE\*NCRN\*LYKTQQQYKKKYTYRTRERILCNRRHNRKYKTSTL\*P\*\*YKME\*HFKTGSCQIKRTI\*E\*NNSL\*SLLRRGSRSCNAQF\*LWRGIFLL\*YNTTV\*\*YLGA\*\*Y\*KVQ\*H\*RNYHTHMQNKTSCKHVAESRKSNVCPSHQRTN\*MFIKYYRANINKRWW\*\*REHDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQPAEGY\*GATAYVATHCLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ISKSDLG\*HDLDGVGKRN\*QLHRLNIQLN\*RIAEPTRKE\*TRTIGIG\*LGKFVELVRHIKLAVVYKNIHNGSSRLGRFKNSFCCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIQAI

>B.2002.FJ469688.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAPQDSKIHQASLPKQ\*VVHVMQSLTILTIVAFVVAGIIAIVVWSIVLIEYRKIVRQRKIDRIINRIIERAEDSGNESEGDQEELSKLVEMGRVEMGHHAPWDVNDL\*CCRTIMGHSLLWGTCVERSNHHSILCIRC\*SL\*YRGT\*CLGHTCLCTHRPQPTGSTLEKCD\*RI\*HVEK\*HGRTNA\*GHNQSMGSKPKAMCKINPTLCYFKLH\*FWEYYQYHYRGRDGKRRNKKLLFQYHLKHKR\*GAKRICTFL\*N\*CSTNRE\*ENR\*\*DSR\*\*Y\*YQLYQL\*VDKL\*HLSHYTGLSKSNL\*TNSHTLLCPGWFCDSKVQ\*YQVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSKRGCSNKI\*KLYKQC\*NHNSTTE\*ICNN\*LYKTQQQYKKKYTYSTRESILCNRRCNRRYKTSIL\*H\*\*SSME\*HFKKDSYKIKRTIWE\*NNSL\*SLLRRGSRNYNAQL\*LWRGVFLL\*YIKAV\*\*YLEY\*QYWECY\*\*DK\*HNHTPMQNKTDCKPVAGSRKSNVCPSHQRTN\*MFIKHYRATTNKRWR\*WE\*\*HNRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLPHYCALEY\*LE\*\*ISQLHLG\*HDLDAVG\*RN\*QLHTDNIQLN\*GIAEPTRKE\*TGLIGIGSMGKSVELV\*HNKLAVVYKDIHNDSRRLSRFKNSFYCTFHSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRHIRSI

>B.2007.FJ469689.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPPDNQNHQVSLSKQ\*VVYVMPSLYIYSIIALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*GYRRFVGHSLLWGACVERSNYHSILCIRC\*GI\*KRGT\*CLGHTCLCTHRSQPTRNRIRKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKTMCKINPTLCYFTLH\*LECNWCQRY\*E\*RGECY\*HHWLDGRRRNKKLLFQYYHKP\*R\*GGEKICAFLYT\*CNTNR\*YTNG\*Y\*\*Y\*L\*YI\*VDKL\*HLNHYTGLSKNIL\*TNSHTLLCPGWFCDSKV\*R\*EFQWNRNM\*KCQHSTMYTWNQASSINSTAVKWQSSRRRGSN\*I\*KLLKQC\*GHNSTAECICRN\*LYKTQQQYKNKYKHRTRQSMVYNRTNNRRYKTSIL\*H\*WKKLEQHFKTDS\*EIRRTI\*E\*NNNKV\*SLLRRGPRNCTAQF\*LWRGIFLL\*YNEIV\*\*YLE\*D\*\*C\*\*YLEFY\*RVK\*HWRK\*YNHTPMQNKTNYKHVAGSRKSNVCPSHQRNN\*L\*IKYYRADINKRWW\*\*\*HKRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSSVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*IYE\*DLG\*HDLDAVGKRN\*\*LHRLNIPLT\*KIAKPTRKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKIIHNDSRRPDRFKNSFYCAFYSE\*S\*AGILTIAVPDPPPSSEGTRQARRNRRRRWRERQRRIGSI

>B.-.FJ469690.chronic

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRRRRRPPQSSQTNQDHLPKQ\*VIDVMPALVIISIVALVVATIIAIVVWSVVYIEYRKILRQRKIERLIDRIRERAEDSGNESEGDQEELSALEMGHLAPWDVDDDL\*C\*KGRKVGHSLLWSACVERSCYHSILCIRC\*GI\*YRGAQCLGHTCLCTHRPQPTRSSTGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMC\*INPTLCYFKLH\*W\*YH\*C\*CYC\*CH\*WKVGKNGKRRNTKLLFQCYHTQKR\*DAERICIVL\*S\*CSTNI\*G\*\*H\*\*YL\*VDKL\*HLSHYTILSKGNL\*TNSHTLLCPGWFCDSKV\*R\*EIQWDRTMYKCQHSTMYTWN\*ASSINSTAVEWQSSRRGSSN\*ICQFLRQC\*KHTGTTE\*ICRN\*LYKTQQQYTQKYNYRTRESILCNRRYNRRHKKSTL\*A\*CNKMGEHFKKGSWKIKRTI\*E\*NNNL\*APLRRGSRNCNAHV\*L\*RGIFLL\*FNTTV\*\*YLE\*NRVK\*H\*GKWHLHTPMQNKTNYKYVAGSRKSNVCPSHRRAN\*LFIKYYRADINKRWW\*\*\*\*HHRDLQTWRRGYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEENGAKRKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGHQAAPGKTPGCGKIPTGSTAPGNLGLLW\*THLHHCCALE\*\*LE\*\*IFGRHLEKHDLDAMGQRN\*QLHTNNIHLN\*TSAGPTRKE\*T\*IIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRFDRFKNSFCCTVYSK\*S\*AGILTIIVADPPPSTEGTRQARRNRRRRWRERQRQVRAI

>B.2006.FJ469691.chronic

MEPVDPRLEPWKHPGSQPKTACNQCYCKRCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQGSQTHQASLSKQ\*VVNVMYSLQILAIVALVVAAIIAIVVWSIVFIEYRKILRQRKINKLIDRIIERAEDSGNESDGDQEELSALVERGQLVEMGHHAPWDVNDL\*CCRKFVGHSLLWSTCVERSKHHSILCIRC\*SI\*\*RGAQCLGHTCLCTHRPQPTRSSIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CH\*Y\*YH\*\*\*\*\*RDRNGRRNKKLLFQYHHKPKR\*GAERTGTFL\*I\*CNTNR\*\*WY\*NQL\*VAKL\*HLSHYTGLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMYKCQHSTMYTWD\*ASSINSIAVKWQSSRRRDST\*I\*KFLEQC\*HHNSTVEGSCKN\*LYKTQQQYKKKYKYGTRKSILCNRRNNRRHKTSTL\*H\*WRRME\*HFSTDS\*KIKTTISE\*NNSF\*SLLRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*YLDWE\*YYK\*HFRIYHTPMQNKTNYKHVARSRKSNVCPSHQWTNQVFIKYYRATINKRWW\*\*\*\*HQRDDRGFQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHHGKEKSGAKRKKSSGNRSFVPWVLGSSRKHYGRSVIDADGTGQAIIVWYSATAEQSAESY\*GATTSVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ICGLHLE\*HDLDAVGKRN\*ELHRLNIQLN\*RLAKPTRKE\*TRIITIR\*MGKFVELV\*HNTVAVVYKNIHNDSRRLSRFKNSFCCTFYSE\*S\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRERQRHIQTL

>B.-.FJ469692.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRTPQGSKTHQVSLSKQ\*VIYVMQPLYIASIVALVVAGIIAIVVWTIVFIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRTIVGHSLLWGTCMERSKNHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRRFQHVGK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLQ\*LFGKYYWFGQCY\*YC\*\*Y\*FGQCY\*SC\*\*\*WGNKTMLFQYYHRNKR\*VSESICTFL\*T\*YSTNR\*\*\*\*\*\*\*\*\*\*\*W\*I\*VDKL\*HLSHYTSLPKDII\*ANSHTLLCPGWFCDAKV\*Q\*DV\*GKRTM\*KCQHCTMYTWN\*ASSINSAAVKWQSSRRRGSN\*I\*QFLR\*C\*NHNSTSK\*NCTN\*LYETQQIYKTKDTYRTRKSILCNKKHSRKYKTSTL\*S\*\*STME\*YFKKDSYKIKRKVWEQQNNSL\*SILRRGPRNYNAHF\*LWRGIFLLYYNTTV\*\*YLG\*\*\*YWEY\*QY\*QKYHTPMQNKTNYKHVAGSRKSNVCPSYRGNN\*VFIKYYRVDINKRWRY\*QY\*QQGGLQTRRRRHEGQLEK\*IIQI\*SSKN\*TIRISTHQGKEKSGAKRKKSSDTGSYVPWVLRSSRKHYGRSINDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAASGKNPGCGKIPKRSTAPRDLGLLWKTHLHHFCALE\*\*LEQ\*ISGTNLG\*HDLDAVGKRN\*QLYKLNIHLT\*RIAEPTRKE\*TRFIGIR\*VG\*FVELV\*HNTLAVVYKNIHNDSRRLGRFKNSFCCSFHSK\*S\*AGIFTIIVADPPPSSEGTRQARRNRRRRWRERQRYIRSI

>B.2002.FJ469693.chronic

MEPVDPSLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRTAPQSSQTHQVSLSKQ\*VVYVMQSLTILTIVAFVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERTEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YCRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHKPQPTRNKIRKCDRKF\*HVEK\*HGRTNA\*GCNQFMGSKPKAMCKTNPTLCHSKLH\*VDY\*\*YQ\*YYR\*YY\*Y\*\*NE\*RNEEVCTDLLLLYHDHRKERGCDKICS\*LFS\*CG\*NT\*R\*\*\*Q\*LLHLIK\*\*RLSHCNL\*SNSHTLLCPGWFCDSQV\*RYEVQWNRNM\*KCHHSTMYTWNYASSINSTVVKWQSSRRRGSN\*ICQFLGQC\*NHNSTVE\*ICNNYLYKTQQQYKKKYIYRTRESILCNRRHNRRYKTSTL\*P\*\*NRLE\*HFRTDS\*QIKRTIWE\*\*NNSL\*AILRRRPRNCNA\*F\*LWRGIFLL\*YNRTV\*\*YLE\*YWEY\*RVKWD\*RK\*HNYTPMQNKTNYNHAAGSRKSKVSPSHQRTN\*IFINYYRAIINKRWW\*\*EWD\*\*E\*RH\*DLQTWRRRYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAERKKSSSGIRSRVPWVLVSSRKHYGRSVINADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAHGALGLLWKTHLHHCCALEY\*LE\*\*KSEPDLG\*NDLDAMGKRN\*QLHRVNIQLT\*RIAKPTRKE\*TRFIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGLLTIIVSDPPPSSEGTRQARRNRRRRWRQRQRQIRTL

>B.-.FJ469694.chronic

MDPVDPRLEPWEHPGSQPRTACTSCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAPPDSQDNQVPLPKQ\*VVHVMQSLVILGIVALVVAAIIAIVVWSIVLIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLVEMGHHAPWDVNDL\*C\*RRDVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQSTRSKLGKCDRRF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCEINPTLCYFKLH\*SQ\*RYQSQYFH\*DKHGQKRNAKLLFQYHHKYKR\*ISERICSFL\*T\*FSSNR\*\*\*\*\*\*\*L\*\*Y\*L\*VDKL\*HLSHYTGLSKGII\*TNSHTLLCPGWFCDSKV\*QQKVQWKRTM\*KCQHSAMYTWN\*ASSINSTAVKWQPSRGRSSN\*I\*KFYKQC\*NHNSTAEKGCTN\*LYKTQQ\*YKKRYTYRTRESILCNRRHNRRYKTSTL\*HQ\*KRME\*HFTTNS\*KIKRTIWKK\*NNNIYKVLRRGPRNCNTQL\*LWRGIFLL\*FNTTV\*\*YLEV\*\*Y\*\*H\*KTRKRQ\*QYYTPMQNKTNCKPVARSRESNVCPSHPRTN\*MFIKYYRAAINKGWW\*\*\*HLPDRDLQTCRRRYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERGAERKKSNRNGSSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAKQFAEGY\*GATAYVATHSLGHQAAPSKSPGCRKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*QISELYLE\*HDLDGVGERN\*QLHKHNILLNRRIADPTGEQ\*KRFIRIR\*MVKFVELV\*HNKLAVVYKNIHNDNRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPLPSSEGTRQARRNRRRRWRTRQRQIRDI

>B.2004.FJ469695.chronic

MEPVDPRLEPWKHPGSQPRTACNTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQNSQADQVSLSKQ\*VVNVMLSLTIVAIVALVVAVIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCKINPTLCYIKLH\*CY\*YQ\*\*R\*CH\*\*\*QNGGGRGAGRRKKLLFQYHHRHEK\*DAERICTFL\*T\*YSINR\*G\*W\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDYKVQ\*\*EVQWNRTM\*KCQHSTMHTWNQASSINSTTVKWQSSRRRDSN\*I\*KFHRQC\*NHNSAAE\*ICRN\*LYKTQQQYKKKYTYGTRESILCNRTNNRRYKTSTL\*H\*CKKME\*NFKTDSYKIKRTV\*E\*NNNL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNKTI\*\*YLEDQ\*NSE\*Y\*HNYHTPMQNKTDNKHVARSRKSNVCPSHPRTN\*MFIKYYRVTINKRWCWW\*\*KRE\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSTSRTRSCVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPT\*STAPGNLGLLWKTHLHHLCALEC\*LE\*\*IS\*\*YLE\*HDLDAVGKRN\*\*LHKCNIHLT\*SIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCYTFYSK\*S\*AGIFTIVVPDPPPSSEGTRQARRNRRRRWRERQRHIRAI

>B.2006.FJ469696.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCSTTKALGISYGRKKRRQRRRPPKGSQTHQNPLPKQ\*VVHVMKPEYIVTIVALVVAIIIAIVVWTIVIIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVERGHLAPWDIDDL\*CYKLVGHSILWGTCMERSKHHSILCIRC\*NI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTNA\*GYNQYMGSKPKAMCKTDPTLCYFKLYRLLGK\*Y\*YQ\*YRSYGK\*YYYQ\*Y\*\*SEKLLFQCHHKHKR\*KSGRKSTFL\*T\*CSTNRK\*\*Y\*L\*IDKLQHLSHYTGLSKGNL\*ANSHTLLCPGWFCNSKV\*R\*KVQWKRTM\*KCQYSTMYTWN\*ASSVNSTAVKWQSSRKRGKD\*I\*KFHEQC\*NHNSTVGQICRN\*LYKTQQQYKQKYIYRTRKSILCKGKNNRTYKTSTL\*H\*\*NKMG\*HFTRDS\*ETKRTIWE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTIV\*\*YLE\*Y\*RVK\*DWRK\*HNNHTPMQNKTNYKHVAGSRKSNICPSHQRTN\*MFIKYYRVANNKRWW\*\*Q\*QQDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTNQGKEESGAERKKSNGNGSFVPWVLGISRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSAAPGDLGLLWKTHLHHCCALEY\*LE\*\*ICRGDLE\*HDLDGVGKRN\*\*LHKLNIHLN\*KIAKPARKE\*TRVIRIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTTLVSDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.2004.FJ469697.chronic

MEPVDPSLEPWRHPGSQPRTACTTCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRPHQDSQTHQVSLSKQ\*VVHVMQPLVILAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRIIDRILERSEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRTIMGHSLLWGTCMERSKHHPILCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVDK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKL\*\*CHYYYAH\*\*D\*AH\*\*\*SENCGRRNKKLLFQRHHRHKR\*DKERICPFL\*T\*CSTNR\*\*\*Y\*\*Y\*L\*VGKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNPTAVKWQSSRRRGSN\*I\*KFYEK\*ENYNSTVEPICRN\*LYKAQ\*QYKKEYTYRTRESILYNRRNNRRYKTSTL\*H\*\*NKME\*HFRTGS\*KIKRTIWE\*NNSL\*SILRRGPRNCKAQF\*LWRGIFLL\*YNTTV\*\*YLE\*Y\*RE\*\*\*REH\*RK\*TNHTPMQNKTIYKHVASSRKSNVCPSHQRTN\*MFIKHYRAVINKRWW\*RD\*YY\*DLQTARRKYEGQLEK\*II\*I\*NSEN\*TIRGSTHQGKKKSGAERKKSSGNIRSYVPWVLGSSRKHYGRSVIDADGTGQTITVWYSATAE\*YAEGY\*GATASVATHSLGHQAAPGKAPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*YLE\*YDLDGVGKRN\*QLHKLNIQLT\*RIAKSTRKE\*TRVIGIR\*VGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCIFYSE\*S\*AGILTTIVADPPPSQEGTRQARRNRRRRWRRRQRQIHSI

>B.2004.FJ469698.chronic

MEPVDPNLEPWQHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPHQNSQTHQGYLPKQ\*VVVHVMQSLYILSIVALVVAAILAIVVWTIVLIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*C\*\*NLVGHSLLWGTCVERGNYHSILCIRC\*SIYYRGT\*CLGHTCLCTHRPQPTRSTIDKCDKRI\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*RFEEC\*\*YQWDSQ\*E\*\*\*H\*C\*QNRIRDGARRNKKLLFQYHHKHER\*VAERTCTF\*\*T\*CSINR\*\*\*\*\*D\*YQLYQL\*VGKL\*HLKNHTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*NI\*WKRTMWKCQYSTMHTWN\*ASSINSTTVKWQSSRR\*SSN\*I\*KFHRQY\*NHNSTAERNCTNQLYKTHHQDKKRYTHGTRESILCNRRYTRRYKTSTL\*H\*WNKME\*HFKTDS\*\*IKRTIPK\*NNNL\*SILRRGSRNCNTQF\*LWRGIFLL\*FNTTV\*\*YLA\*\*WYYRVS\*QNKYQTHVQNKTNYKHVAGSRKSNVCPSHHRIN\*VFIKYYRAAINKRWWS\*\*\*\*Q\*DLQTWRRKYEGQLEK\*II\*I\*SSKS\*TTRSSTHQGKEKSGAERKKSIRGTRSCVPWVLRSSRKHYGRSVNSADGTGQTIIVWYSATAEQPAEGY\*GATTSVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKNHLHHCCALEWELE\*\*NL\*HNLGKFDLDAVGKRN\*QLHRLNIQLN\*RIADPTRKE\*KRIIRIG\*MGKFVELV\*YIKLAVVYTNIHNDSRRLDRFKDSFCCTFYSK\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIQAI

>B.-.FJ469699.chronic

MEPVDPSLEPWKHPGSQPKTACTSCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VIHVMNSLVIAGIVALVVAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLAPWDIDDL\*CYREIVGHSLLWGTCVERSNHHSILCIRF\*SI\*YRGT\*YLGHTCLCTHRPQPTRSSIGQCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCRINPTLCYLKLH\*LEE\*Y\*WECY\*YYDQC\*\*RGNTGGRRTKKLLLQYQHKLPR\*ETERICTFL\*T\*CNANR\*\*\*Y\*L\*IDKL\*HLSH\*TSLSKSNL\*ANSHTLLCPGWFCDSKV\*Q\*YVQWNRTMYKCQHSTMYTWNKANNINSTAVKWQSSRRRKNNN\*IRQSHRQC\*NHNSTAESICRN\*VYKTWQQYKKKHNYRTRQSILYNRNSRRYKTSTL\*H\*\*KRLE\*HFKMGSYKIKRTI\*E\*HNSL\*PILRRGPRNCNAQL\*LWRGIFLL\*YNTTV\*RYLEWYYFDKYNRRK\*NNHTPMQNKTIYKHVAESRKSNICPSYQRTY\*LYIKYYRAAINKRWW\*\*\*RDQHHRNL\*TWRGRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVINADGTGQTIIVWYSATAEQSVEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISRLYLE\*HDLDGVGKRN\*\*LHRHNIHFTSRIANPTRKK\*TRIIGIR\*MDKFVELV\*HYKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ469700.chronic

MEPVDPRLEPWKHPGSQPKTACTSCYCKACCFHCQVCFTQKGLGISYGRKKRRQRRRAPQDNQNHQVPLPKQ\*VIYVMQSLQILAIVALVVAAILAIVVWTIVYIEYRKILRQRKIDKLLERIAARAEDSGNESEGDQEELSVLVVERGHHAPWDVDDL\*CCKK\*RTEVGHSLLWGTCVERSNHHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSTIEKCDRRF\*HVEK\*HGRTDA\*GYNQSMGSKFKAMCKINPTLCYFKLHWL\*DFKLHCH\*WE\*YYQ\*K\*\*SRE\*YR\*RRNKKMLFQYHHKHKR\*SDKRICIFL\*S\*CSTNRNKRK\*YKQK\*Y\*LLQVEKL\*HLSHYPGLSKSIL\*ANSHTLLCPGWFCDSKV\*\*\*NV\*WNRNMYKCQHSTMYTWN\*TSSINSTAVKWQSSRRRHSN\*I\*ESQRKY\*NHNSTSE\*VCTN\*LYKTQQQYKKKYTHGTREILCNRRHNRRHKKSTL\*S\*\*DRLE\*NIT\*GS\*QIKRKI\*E\*NNNL\*SILRRGPRNYNVQL\*LWRGIFLL\*LNTTV\*\*FLEWYWRVK\*HCREYHTPL\*NKTNCKLVARSGKSNVCPSYQRTN\*LLIKYYRTDINKRWR\*\*H\*K\*\*HRDLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSGGIRSYVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHGLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTYLHHYCALE\*\*LE\*\*NSEQDLG\*PDLDAVGKRD\*QLHKLNILLN\*RIAEPARKE\*TRLIGIGQVGQSVELV\*HNKMAMVYKNIYNDSRRLGRFKNSFYCTFYSE\*S\*AGIFTIIISDPPPSPEGTRQARRNRRRRWRARQRQLNSI

>B.2003.FJ469701.chronic

MEPVDPRLEPWKHPGSRPRTACTNCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRPSPGSQTDQASLSKQ\*VVHVMQPLHILTIALVLALILAIVVWSIVLIEYRKILRQRKIDRLLDRIIERAEDSGNESEGDQEALSALVEMGHHAPWDVDEL\*C\*RQIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRTKFGKKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCYFKLH\*LES\*RY\*QH\*WESYECYQGR\*\*\*HRNNGGRSKKLLF\*QYHRHKR\*GKERTCTFL\*T\*CSTNR\*\*\*\*\*YQL\*VDKL\*HLNHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*RCKVQWDRTM\*KCQYSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICKFLKQC\*NHNSTAE\*ICSN\*LYKTRQQYKKKYNYRTRESILCNRRDNRRHKKSTL\*HQ\*RTMEENFRQSS\*KIKRTIRRK\*NNCL\*\*ILRRGPRNCNAQF\*L\*RGIFLL\*YIKTV\*\*YLEY\*\*YLE\*Y\*KVK\*DYHTPMQNKTSYKLVAGSRKSNVCPSHQRRN\*LCIKYYRTAINKRWWK\*EKQDRGDRDL\*TWRRRYEGQLEK\*II\*I\*GSKN\*TIRNSTHQGKEKSGAERKKSSSARNYDPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPRGSTAPRNLGLLWKTHLHHCCALEC\*LE\*\*ISK\*NLE\*HDLDAMGKRN\*QLYK\*NIQLT\*KIAEPTGAE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFFCTFYSE\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRNL

>B.-.FJ469702.chronic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFMKKGLGISYGRKKRRQRRRAPQDNQTHQVPLSEQ\*VIYVMQPVQILAIVALVVAAIIAIVVWTIVGIEYRKILRQRKIDRLLDRILERAEDSGNESDGDQEELSALVEMGHHAPWDVNDL\*CYRPPIVGHSLLWGTSVERCNHHSILCIRC\*SIYYRET\*CLGHTCLCTHRPQPTRIRIEKCDRIF\*HVEK\*HGRPDA\*GCNQFMGSEPKAMCKINPTLCHFKLQ\*L\*W\*\*YQ\*\*YQ\*\*YH\*\*\*FGK\*YERRNKKLLF\*HHHNHK\*\*DKERICTFL\*Y\*CSTN\*\*\*\*Y\*L\*VDKL\*HFNHYTGLSKGNL\*TNSHTLLCPGWFCDSKM\*\*\*EVQWDRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRGSN\*I\*EYHRQC\*KHNSTVEGSCTN\*LYKTQQQYKEKHTYRTRKCILCSRRNNRRYKTSTL\*H\*\*RKMECNFKTDS\*KIKRKI\*QQNNNLY\*FLRRGSRNCKAQF\*LWRGIFLL\*HNTTV\*\*YLE\*YYLE\*Y\*\*LE\*\*YY\*SYHTPMQNKTDYKLVAGSRKSNVCPSHQWTN\*LFI\*YYRAAINKRWW\*\*\*\*\*QQQRDLQTCRRKYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAKRKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAESY\*GATPFVATHSLGHQAAPGKSPGCGKIPKGSTAPRDVGLLWKTHLHHCCALE\*NLE\*\*KSESDLGQHDLDAVGKGN\*\*LHRTNIHLN\*RLAQTTRKK\*TRIIRIR\*VGKFMDLV\*HNKLAVVYKTIHNDSRRLGRLKNSFCYILSSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2005.FJ469703.chronic

MEPVDPRLEPWKHPGSRPKTACTNCYCKKCCYHCQACFIRKALGISYGRKKRRRRRRAPQDSQTNQVSLPKQ\*VVNVMQSLAILAIVGLVVAAILAIVVWSIVFIEYRKIVRQRKIDRLIDRIRERAEDSGNESDGDQEELLMEMGHLALGDVNDL\*CCKRKFVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRSA\*CLGHTCLCTHRPQPTRSRIEKCDREF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCEVNPTLCYSKLH\*LY\*YL\*MFC\*CH\*\*H\*SDRGIGGRRNKKLLFQHHHKHKR\*KAKRICTFL\*I\*CNINR\*\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWLCDSKV\*\*\*KVQWIRTMYKCQHCTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IQQFHEQC\*SHHSTAE\*NCKN\*LYKAQQQYKKKYTYSTRQSILCNRRDNRRYKTSTL\*H\*\*SRVE\*SFRADSYKIRRTI\*E\*NNSL\*SILRGRHRTCNAQF\*LWRGIFLL\*YNTTV\*\*YLDLE\*Y\*NV\*Y\*KYY\*GKYHTPMQDKTNCKHVAGSRKSNVCPSHQRTD\*MFIKYYRSNINKRWW\*HQH\*QRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRGSTHQGKEKSGAKRKKSNRNRSCVPWVLGSSRKHYGRSVSNADGTGQAIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGFGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LEQ\*IPK\*HLE\*YDLDGVGKRN\*\*LHKLNIQFD\*RIAKPTRKE\*ARIIGIR\*MGKFVELV\*HNTLAVVYKTIYNDSRRLDRFKNSFFCTCYSK\*S\*EGILTIVVPDPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.-.FJ469704.chronic

MEPVDPRLEPWKHPGSQPRTACTTCYCKICCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSETHQVSLSKQ\*VVYVMPLYIVTIVVLVVAVILVIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEALAALVEVGHHAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKTMCKTNTTLCYFKLH\*\*FEE\*YHE\*\*CQE\*\*LGNDGERRNKKLLFQYHHKHKR\*GSERICTFL\*T\*CSTNR\*\*\*YQL\*\*\*YQL\*VDKL\*HLSHYTGLSKGII\*ANSHTLLCPGWFCDSKV\*RQEVQWNRTM\*KCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*I\*KFHK\*C\*NHNSSFE\*IYRN\*LYKTQQ\*YKKRYTYRTRESIFWNRNNRKYKTSTL\*H\*\*DKME\*YFKKDSYKIKRTI\*E\*NNSL\*SIFRRGPRNCNAQF\*LWRGIFLL\*LNKTV\*\*YLGLE\*YLE\*Y\*RK\*K\*YYHTPM\*NKTNYKHVADSRKSNVCPSYQRTNYMLITYYRDTINKRWW\*Q\*\*HKLY\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVADADGTGQAVIVWYSATAEQSVEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRDLGLLWKTHLHHFCALEC\*LE\*QISGGDLGEHDLDGVGKRN\*QLYKLNIQLT\*RFAKPTRKE\*TGIIGIG\*VGKFVELV\*HNTLAVVYKNIHNDSRRFGRFKDSFCYACYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIHEI

>B.-.FJ469705.chronic

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSQAHQDSLSKQ\*VVHVMILLQILAIVALVVVAIIAIIVWSIVFIEYRKILRQRKIDRIINRIRERAEDSGNESDGDQEELSALVERGHLAPWDVDDL\*CCKPVVGHSLLWGTCVERSKHHSVLCIRC\*SIC\*RGT\*YLGHPCLCAHRPQPTRITIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMG\*KPKTMCKINPTLCYFTLH\*CH\*\*CH\*\*K\*\*\*\*RGSDGERGKKKLLFQYHHRLKR\*DAENICNFL\*A\*YRTNR\*\*\*\*\*E\*C\*\*FY\*L\*VDKL\*HLSHHTGLSKDIL\*ANSHTLLYPSWFCASKM\*\*CRVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSTKRGSD\*I\*KFHGKS\*SHNSTAERICRD\*LHKTRQQYKKEYTYRTRESILCNRRHSRRYKTSTL\*H\*WSKME\*SIETDSRKIRRTGTV\*E\*KYNL\*QILRRGPRNCNAQLYLWRGIFLL\*YNKTV\*\*YLE\*YLE\*\*YLEWYWN\*K\*HNHTPMQNKTIYKPVAASRKSNVCPSYPRKY\*LFIKYYRAAINKRWW\*\*\*QQQQRDLQTWRRRYEGQLEK\*IIQI\*SSKS\*TIRSSTH\*GKEKSGAERKKSSRNRSSAPWVLVSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAESY\*GATASVATHGLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*IYG\*DLE\*HDLDGMGKRN\*QLHRHNIQLN\*KGAEPTRTE\*TRIIGIR\*MGKLVELV\*HN\*LAVVYKNIHNDSRRLDRFKNSFFCAFYSEEC\*AGVFTIIVSDPPPSPEGTRQARRNRRRRWRERQRRIRTI

>B.2005.FJ469706.chronic

MEPVDPRLEPWKHPGSQPKTPCTPCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRTPQGSETHQASLSEQ\*VIHVMQSLEIFSIAALVVVAIIAVVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPRDIDDL\*CCRSIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGTQCLGHTCLCTHRPQPTRNITGKCDRKF\*RVEK\*HGGADA\*GYNQFMGSKPKAMCKINPTLCHFKLH\*C\*CYHQWYQYYCQYC\*YYYPWY\*QGHEKLLFQYHHRPKR\*SEKGICIIL\*A\*YSINR\*\*D\*\*\*EY\*EY\*QL\*IDKL\*HLKYYTGLSKGIL\*ANSHTLLCPGWICDSKV\*\*\*DIQWKWTMYKCQHSTMYSWH\*ASSINSTAAKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAE\*NCKN\*VYET\*QQYKKKHTYRTRESILYNRRNNRRYKTSTL\*H\*\*KRME\*DFKICSYKIRRTIWK\*NNTISATLRRGSRDCNAQF\*L\*RRIFLL\*YIKTV\*\*HLGME\*\*YQRLE\*Y\*NVK\*H\*RK\*NYHSPMQNKTNCKYVAGSRKSNVCPSHQWTN\*LFIKYYRVALNKRWWY\*QQQHHRDLQTWRRRYEG\*LEK\*IIQI\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAAGY\*GTTASVETHSLGH\*AAPGKSPGCGKIPKGSTAHGNLGLLWKTHLHHYCALEY\*LE\*\*NSE\*DLG\*HDLDAVGKRN\*QLHK\*NIYLTCRIAEPTGKE\*TRIIGIR\*VGKFVELV\*YNKLAVVYKDIHNDSRRPDRFKNNFCCTFYSE\*G\*AGILTIVVSDPPPRPQGTRQARRNRRRRWRERDRTIREI

>B.2007.FJ469707.chronic

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCLHCQVCFLTKGLGISYGRKKRRQRRRTPKDSQTHQVPLPEQ\*VVHVMLSLQILAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIARISDRAEDSGNESDGDQEELSALVEMGHHAPWDINDL\*CCRTIVGHSILWGTCVERSKHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRIF\*HVEKYHGGTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*F\*YQCY\*HH\*HQIL\*LDKDGARRNKKLLFQHHLKHKR\*DAERICTFV\*I\*YSTNR\*\*\*Y\*I\*VNKL\*HLSHYTSLSKSNL\*TNPHTLLCPGWFCDSKV\*Q\*NVQWKRRMYKCQHSTMYTWN\*ASSINSTAVKRQPSRRRDSN\*I\*QFHGQC\*NHNSTAE\*VYSN\*LYKTQQQHKKRYKYRTRESMVCNRRDNRGYKKGTL\*H\*\*SKME\*HFKTDSKKIKRTV\*E\*NNSL\*SIRRRRPRDCNAQF\*LWRGIFLL\*HNTTV\*\*YLECY\*RRRVK\*H\*NK\*HNHTPVQNKTNYKYVAGSRKSNVCPSHQRTN\*LFIKYYRVTVNKRWW\*YHGGK\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHHGKEKSGAEREKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQTTIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLE\*HDLDGVGKRN\*QLHRLNI\*FN\*RIAEPARKE\*TRIISIR\*MGKFVELV\*HIKVAVVYKNIHNDSRRLDRFKNSFYCTFNSEQS\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ469708.chronic

MEPVDPRLEPWKHPGSQPKTACNGCYCKKCCFHCQVCFIKKGQSIFFGRKKGRQRRRTPQDSQTHQAPLSKQ\*VVNVMQSLEILAIVALVVGAIIAIVVWSIVLIEYRKILRQRKINRIIDRIRERAEDSGNESEGDQEQLSALVERGQLVAMGHHAPWDIDDL\*CCRKFVGHSLLWSTCVERSNHHSVLCIRC\*SICYRGAQCLGHTCLCTHRPQPTRISIGECDRKF\*HVEK\*HGGTDA\*GYNQFMGSKPKAMCKINPTMCYFELRGC\*YH\*C\*YH\*Y\*YERAKCGERRNEKLLFQYHHKHKR\*GAERICAFL\*T\*CSTNREDQYYQL\*VDKL\*HLSPYTGLSKNIL\*ANSHTLLCPGWFCDSKV\*\*QDIQWIRTM\*KCQHSTVYTWN\*ASNINSIAVKWQSSRRRDSN\*I\*EFLGQC\*HHNSTTEGSGNH\*LYKTQQQYKKKHTYSIR\*SILCHRRNNRRHKTSTL\*H\*\*STME\*NFRTGS\*\*IKRRICEQNNSV\*SLLRRGPRDCNAQF\*LWRGIFLL\*YNTTV\*\*YLEQ\*\*RDKECHRKWNYHTPMQNKTNYKHVATSRKSNVCPSH\*RKN\*LFIKHYRATINKRWG\*KHERDRDF\*TCRRKYEGQLEK\*IIQI\*SSKN\*TIRNSTHQGKAKSGAKRKKSNRNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GAAASVATHSLGHQTAPGTSPGCGELPKGSTAPGHLGLLWKTHLHHYCALEY\*LE\*\*\*NSRANLEQHDLDGVGKRN\*KLHRHNIQLNSRLAKPTRKE\*TRIIKIR\*MGKFVELV\*HIKLAMVYKDIHNDSRRLDRLKNSFYGVFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRHIHTI

>B.2006.FJ469709.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFVTKGLGISYGRKKRRQRRRTPQSSQTHQGSLSEQ\*VVHVMPPLVILGIVALVVAAILAIVVWTIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVERGHLAPWNVDDQ\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIRKCDRKF\*HVEK\*HGRSNA\*GYN\*FMGSKSKTMCKINPTLCYLKLH\*L\*L\*EELDQLH\*CYVGTEGRNKKLLFQYYHEHK\*\*KETGACTFL\*T\*CSTNRNY\*\*C\*\*\*\*LL\*VDKL\*HLNHYTSLSKGIL\*TNSYTLLCPGWFCDSKM\*\*\*DVQRVRTM\*KCQHSTMYTWN\*ASGINSTVVKWQSSRKRGSN\*ICQFLGQC\*SHNSTVGCTCTNYLFKTQQQYKKEYTYRTRGSTLYNRRNNRRYKTSTL\*R\*\*PKLDCHFKKSSSKVRGPIWQQNNSL\*PILRRRSRNCNAHF\*LWRGIFLLCYNKTV\*\*YLDV\*\*Y\*WYLDVE\*YLE\*H\*RAKQQ\*HYHTPMQNKTNYKHVANSRKSNVCPSNQRTN\*LYIKYYRVAINKRWW\*GDQHHHRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVTDADGTGQTIVVWYSAAAEQSAEGS\*GATTSVATHSLGHQAAPGKSPCCGKIPKGSTAPRNLGLLWKTHLLH\*CALEC\*LE\*\*ISGSYLG\*HDLDAVGKRN\*QLHRLNIHLTSRIAEPARKE\*TRIIRIG\*VGKFVELV\*HNKLAVVYKNIHNNSRRLDRFKNSLCCTFYSK\*S\*AGILTIVISDPPPSLEGTRQARRNRRRRWRERQRQIHTL

>B.2006.FJ469710.chronic

MDPVDPRLEPWKHPGSQPKTACNQCYCKKCCFHCQICFLRKGLGISYGRKKRRQRRRAPRNSPTHQASLPKQ\*VVYVMQPLVIFSIAALVVVAIIAIIVWTIVFLEYRKILKQRRIDRLIDRIRERAEDSGNESEGDQEELSALVDMEQHALLLIDDL\*C\*KFVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKL\*\*CE\*WY\*D\*YHYYSHYSH\*E\*LGKYGWRNKELLFQYHHRLKR\*DKERIFTFL\*T\*CSTNR\*\*L\*L\*VDKLQHLSHYTSLSKDNL\*ANSHTLLCPSWFCNSKV\*\*\*EIQWKRKM\*QCQHSTMYTWN\*ASSINSTVVKWQSSRRRDSN\*I\*QFLEQC\*NHNSTAE\*ICGN\*LYKTQQQYKKRYTYRTRERSILCNRYNRRYKTGTL\*H\*WNKME\*HFRKDS\*KIKKTRTNWK\*NNRI\*AILRRGPRNCNAQFQL\*RGVFVL\*YIKTV\*\*YLV\*EWYYSKVKQH\*WK\*HNRTPMQNKTNYKHVAGSRKSNVCPSHQRTNHLFIKYYRVAINKRWW\*\*Q\*NK\*H\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKREKSSGTRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*NL\*ADLE\*HDLDAVGKRN\*QLHRFYIHLN\*RITNPARKE\*TRVIGIR\*VGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCAFYSK\*S\*EGILTIIVSDPLPSPAGTRQARRNRRRRWRERQRQIQSI

>B.-.FJ469711.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRSPPDHQTHQASLSKQ\*VVHVMQSLEILAIVALVVAAILAIVVWTIVGIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVDEL\*C\*RKLVGHSLLWGTCVERSNHHSILCIRF\*DI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*\*FGECYFDRYY\*RGNKKLLFQYHHKLKR\*GAEGTCAFL\*T\*CSANR\*Q\*\*YSWDQL\*QL\*VDKL\*HLNHYTGLSKSIL\*ANSHTLLCPGWFCDSKM\*\*\*NIQWIRTMYKCQHSTMYTWN\*TSGVNATAVKWQSSRRRDSD\*I\*KFHKQC\*NYNSTSE\*ICSN\*LYKTQQLYKKKGIDRTRESISYNRTNNRKYKTSTL\*H\*\*SRME\*HFREGS\*KIKRTIWE\*NNSL\*SILRRGPRNCNAQFQLWRGIFLL\*FNTTV\*\*YLA\*EWY\*\*YWGGK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHRRTN\*LFIKNYRAAINKRWW\*\*QHCQ\*HRDLQTWRRRYEGQLEK\*IV\*I\*SSKN\*TTRISTHQGKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNNADGTGQAINVWYSATAEQFAESY\*GATASVATHSLGH\*AASGKNPGCGKIPKGSTAPGDLGLLWKTRLHHYCALEY\*LE\*QILWGYLG\*HDLDAMG\*GN\*QLHKLNILLT\*RITNPTRKE\*KGIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSLCCTFCSK\*S\*AGIFTIIVSDPLPSPQGTRQARRNRRRRWRQRQRQISAI

>B.-.FJ469712.chronic

MDPVDPSLEPWKHPGSQPRTPCTNCYCKKCCFHCQSCFTRKGLGISYGRKKRGQRRRAPQDSETHQETLPKQ\*VVYVMNTSIISVVVAFVVVILIAIVVWSIVFIEYRRILRQRKIDRLLDRIAERAEDSGNESDGDLEELSALEMGRLVPRNVDDL\*CYRTIVGHSLLWGTCVERSKHHSILCIRC\*GI\*TRDA\*YLGHTCLCTHRPQSTRNRSEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCHFKLH\*CDYHQ\*\*CYHQ\*\*HCRRNEKLLFQYNHKHKR\*DAERICTAL\*T\*YSTNK\*\*\*E\*Y\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSYTLLCPGWFCDSKM\*\*\*KVQWNRTMQKCQHSTMYTWN\*ASSIHSTAVKWQSSRRRDSD\*ICQLLGQC\*NHNSAAE\*ICSN\*LYKAQQQYKKKYTYRTRESMVCNRRHNRRYKTSTL\*H\*\*GKMGEHFKTGSYKIKRNRTI\*\*\*NNSL\*KILRRGPRNCNAYF\*LWRGIFLL\*FNTTV\*\*YLVC\*\*Y\*QY\*E\*\*QGRKRYNYTPM\*NKTNYKHVA\*SRKSNVCPSHQRKH\*LFIKHYRDTINKRWW\*\*E\*RD\*QH\*DLQTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHHGKEKSGAERKKSSGTRSTVPWVLGSSRKHYGRSVIDADGTGQTLIVWYSAAAE\*SAESY\*CATTSVATHSLGH\*AAPGKSPGCGKIPKGSAAHGNLGLLWKTHLHH\*CALEF\*LE\*\*ISRHDLE\*HDLVGVGKRN\*QLHRLYIHIT\*RIAEPTRKE\*TRLISIR\*MGKFVELV\*HIKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRTL

>B.2007.FJ469713.chronic

MDPVDPRLEPWNHPGSQPKTACTPCYCKKCCYHCQVCFTTKGLGISYGRKKRSQRRRAPQDSATHQEPLSKQ\*VVHVMQSLVIVSIAALVVVAIIAIVVWSIVFIEWRKIVRQRKIDRLIDRIRERAEDSGNESEGDEEELSALVERGHLAPWDIDDL\*CRTTVGHSLLWGTCVERSKHHSILCIRC\*II\*YRGT\*CLGHTCLCTHRP\*PTRSRVGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKTMCQINPTLCYFRVH\*VAECYLFQCYLYQ\*\*YGERTNEKLLFQYHHSPKR\*DADNICASL\*T\*YGSNK\*\*\*\*\*\*Y\*\*Y\*L\*VDKL\*HLSHYTGLPKGIL\*TNSHTLLCPSWFCDPKV\*RS\*VQWNRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSKRRGSDQV\*KYHG\*C\*NHNSTAE\*ICTH\*LYKSQQQYKKKGHYGTRESILYNRRNSRRYKTSTL\*Y\*QSKMEQDSRTNSCKIKRTICE\*NNCF\*\*ILRRGPRDCNAQF\*LWRGILLLLYITTV\*\*NFW\*\*DYKSY\*D\*\*KHYRSHHTPM\*NKTNYKYVAGSRKSNVCPSHQRTN\*LYIKHYRTVINKRWWR\*RYHQH\*DLQTYRGKYERQLEK\*II\*I\*SSKN\*TIGTGTLQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVDDADGTGQTIIVWYSATAEQSAESY\*GATTSVATHSLGHQAAPGKSPSCGKIPI\*STAPGDLGLLWKTHLHHFCALEC\*LE\*\*ISELHLG\*HDLDGVGKRN\*QLYRLNIYLT\*GLANPTRKE\*TRIISLG\*MGKFVELV\*HNKMAVVHKNIHNDSRRLDRFKNNFYCDCFSEES\*AGILTTIVADPPPSREGTRQARRNRRRRWRERQRQIRDI

>B.2006.FJ469714.chronic

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRAPQDSQTHQISLPKQ\*VVHVMYPEEILVIVAFIVVAILAIAVWTIVFLEYKKILRQRKIDRLINRIAERAEDSGNESDGDQEELAALMEMGHHDPGDVDDL\*C\*RLVGHSLLWGTCVERSKHHFILCFRC\*SI\*HRGT\*RLGYTCLCTHRP\*PTRSSIGKCNRKF\*HVEK\*HGRTNA\*GYNQFMGSKLKAMCQINPTLCHFKLY\*CEYY\*YQ\*Y\*\*QE\*WYYHS\*\*FGGERRNKKLLF\*YHHRPKR\*DEEGICTLL\*NGCRTNKRW\*\*YKL\*GDKL\*HLSHNTSLSKGIL\*TNSHTLLCPSWFCDFEV\*\*\*DIQWIRTMYKCQHSTMYTWN\*ASSVNSIIVKWQSSRKRGSD\*I\*KFHR\*CQNHNSTPE\*ICTN\*LYKTQQQYKKKYTFWTREYILCNRKYNRKYKTSTL\*P\*YCTVE\*NFKPDS\*KAARTIWE\*NNSL\*EILRRGPRNYNAQFYLWRGIFLL\*YNKVV\*\*YLE\*Y\*YLENFRDKE\*\*\*HSHTPM\*NKTIHKQVAGSRKSNVCPSHCRKN\*LYQTLQGYY\*HEMVGITKLTPLRSSDLQEGI\*GTIGEVNYINIK\*\*KLSH\*E\*HLPRQREEWCREKKEQWD\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CSSRAICCRLLRRNIICCNSQSGALSSSRQESWLWKDT\*RINSS\*GFGVALENSSAPLLCPGMLVGVIDLWT\*FGKT\*PGCSGRKKLAITQV\*YTPYLKNRRTNKKRMNKNY\*NWINGQVCGIGLT\*HNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLCFL\*\*IELGRDIHHYHFRPTSQPRGNPTGPKEQKKKVERETETDPFA\*

>B.-.FJ469715.chronic

MEPVDPRLEPWKHPGSQPKTPCTACYCKYCCFHCQVCFTKKALGISYGRKKRRQRRRTHQDSQTHQVSLPKQ\*VIYVMQPEVILAIVALVLVAIIAIVVWTIVLIEYRKTLRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVGMGELVVEMGHHAPWDVADL\*CFRKVVGHSILWGTCVERCKDHSILCIRC\*RI\*DRDAQCLGHTCLCTHRPQPTRNSIGKCDRRF\*HVEK\*HGRADAGGYN\*FMGSKPQAMCTTNPTLCYFRLH\*L\*GE\*YNQ\*\*CISRW\*YNQ\*GSQ\*YK\*\*\*\*LKGGYRNEKLLFQCHHKHKR\*EAERICTFI\*T\*FSTNK\*G\*C\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSNTLLCPAGFAILKCNNKTFSGKGPCKNVSTVQCTHGIRPVVSTHLLLNGSLAEEEVVIRSVNFSDNAKTIIVQLNKSVEINCTRPNNNTRKSIHIGPGRAFYATGEIIGDIRQAHCNLRGVDWNNTLSQIVKKLREQFGGNKTIIFERSSGGDPEVEMHSFNCGGEFFYCNSTKLFNSTWYANNTMEGSHGNETNGTITLPCKIRQIVNKWQEVGKAMYAPPIRGLIRCTSNITGLLLTRDGGDKNSNNETFRPGGGDMRDNWRSELYKYKVVRIEPLGVAPTRAQRRVVQREKRAVGLGAVFLGFLGAAGSTMGAASITLTAQARQLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCTGKLICTTAVPWNASWSNKTMKGIWDNMTWMQWEREIDNYTGEIYRLLEESQNQQEKNEQELLELDKWASLWSWFDITQWLWYIKIFIMIVGGLIGLRIVFTVLSLVNRVRQGYSPLSFQTRLPAQRGPDRPEGIEEEGGERDRDRSTQL

>B.2007.FJ469716.chronic

MEPVDPRLEPWKHPGSQPRTACTNCYCKQCCYHCQVCFLTKGLGISYGRKKRRQRRSTPRDSQNHQVSLPKQ\*VMHVSPSLYTLSIVALVVAAILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAGLVERGHLAPWDVNDQ\*CYSKLVGHSLLWGTCVERSNHHSVLCIRC\*RIQNRGT\*CLGHTCLCTHRPQPTRSILGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPEAMCKINPTLCYFRLY\*CQWY\*GQWY\*\*H\*R\*FEKGRRNKKLLFQYHHRGKR\*GEERLCSLL\*T\*YSTNKG\*G\*\*QQYQ\*\*\*L\*IDTL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*AVQWNRSM\*ECQHSTMYTWN\*ASSVNSAAVKWQSSRRRSSN\*I\*KSHEQC\*NHNSAAEYICRN\*LYKTQ\*QYKKRYIYRTRESSLCNRKNNRRYKTSTL\*P\*\*KQME\*NFNTGS\*RIKKTI\*E\*DNSL\*FILRRRPRNCTSQF\*LWRGIFLL\*YNKTV\*\*YLA\*\*\*YLDWGK\*H\*KEYHTPMQNKTNCKHVAGSRKSNVCPSYRGTN\*MYIKYYRAAINKRWW\*\*DEGNFQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHRGKEKSGAERKKSSGSTRSYVPWVLGSSRKHYGRSVNGADGTDQTIIVWYSATAKQSAEGY\*GATASVATHGLGHQTAPGKSPGFGKIPTGSTAPRDLGLLWKTHLHHYCALEH\*LE\*\*ISDSDLGKHDLDRVGKRN\*QLHRLNIQFA\*RIAKPARKE\*TGIIGIG\*VGKFVELVFDNKMAVVYKNIHNDSRRLNRFKNSFCCTFCSE\*S\*AGVLTNIITDPPPNPEGTRQARRNRRRRWRKRQRWISSI

>B.2005.FJ469717.chronic

MEPVDPSLEPWKHPGSQPKTACNNCYCKKCCYHCQVCFIQKGLGIPYGRKKRRQRRRPPPDNQNHQVPLSEQ\*VVYVMQALYITAIVALVVAAIIAIVVWTIVFIKYRRILRQRKIDRLIDRIRERAEDSGNDSDGDQEELSELVERGHLTPWDIDDL\*YCRTIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCMCAHRPQPTRNRIEKCDREF\*HVEK\*HGGTDAGGYN\*FMGPKPKSMCKINPTLCYFTLH\*LYQES\*\*\*H\*C\*\*H\*GRK\*RRNKKLLFQYHHRHKR\*DKERTCTFLYR\*CSTNRG\*\*\*\*Y\*L\*VNKL\*YLSHYTSLSKGVL\*TNSHTLLCSSWFCDAKM\*G\*KIQWNRTM\*KCQHSTMYTWN\*TSSVNSTVIKWQSSRKRCSN\*I\*KFY\*\*Y\*KHNSTVEQNCTNYLYKTQQQHKKKYNYRTRENILCSRRHNRRYKTSIL\*H\*WNKME\*HFKTDSYKIKRTIGEIGK\*D\*\*DCL\*AILRRGPRNCNTQF\*LWRGIFLL\*YNTAV\*\*YLVY\*WHLD\*WYCVKYK\*Y\*QGKHHTPM\*NKTNYKHVAGSRKSNICPSHQRTN\*LYIKYYRDNNNKRWW\*\*HGRK\*K\*NFH\*NFQTWRRKYEG\*LEK\*TI\*I\*SSTDSTNRNSTHQGKEKSGAERKKSSGSAGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCEKIPKGSTAPRNLGLLWKAHLHHCCALEC\*LE\*\*ICR\*HLE\*HNLDAVGERN\*QLHRNNIQLN\*EIAKPTRTE\*KRFIRVRFMGKFVELVSHIKLAVVYKNIHNDSRRFNRFKNSFCCTFYSK\*S\*AGILTIIVSDPLPSIKGTRQARRNRRKK\*RERQRWIQSI

>B.2005.FJ469718.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTHQGSETHQVSLSKQ\*VVHVMHSLGILAIVALVVAIILAIVVWSIVLIEYRKILKQRKIDRIIERISERAEDSGNESEGDQEELAKLVGEGALLEMGHHAPWDVNDL\*YCRRIVGHSLLWGACVERRKHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRRKIGKCDRKF\*HVEK\*HGGTDA\*RYN\*FMGSKPKTMCKINPTLCYFKLY\*FGK\*Y\*CQ\*\*\*RGTNGKRRSEKLLFQYYHKHKR\*GAKRICSVL\*T\*CNTNR\*K\*FKL\*VDTL\*HLSHYTGLSKGIF\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTMYKCQHSTMYTWN\*ASSIHSTVVKWQSSRRRDSN\*I\*KFHKQC\*NHNSAADRSCSN\*LYKTQQQYKKKYTYRTRESISCNRRYNRKHKTSTL\*H\*WDKME\*HFKTDS\*KIRRTI\*KGKNSF\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLD\*\*YLV\*\*YLE\*N\*RVK\*HNHTPMQNKTNYKHVAGSRKSNVCQSHRRTN\*MFIKYHRVATNKRWW\*\*HKWDHRDLQTGRRKYEGQLEK\*AI\*I\*GSRN\*TIRSSTHQGKKKSGAERKKSSNTRSFVPWVLECSRKHYGRSVNNADGTGQTNVVWYSATANQLAEGY\*GAAASAATHSLGHQAAPGKSPSCGEIPKGSTAPRDLGLHWKTHLHHYCALEC\*LE\*\*IFRPYLE\*HDLDGVGKRN\*QLHRHNI\*IN\*RIAEPTGKE\*TRIIGIR\*VGKSVELV\*HIKLVVVHKNIYNNSSRLSRFKNNFCCAFYSE\*S\*AGILTIIVADPPPNPEGTRQARRNRRRRWRQRQRQIRSI

>B.-.FJ469719.chronic

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRGPPQDCKTHQVSLSKQ\*VVHVMQALQIAAIVALVVAAIIAIIVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDQEELSALVVEMGHHAPWDIDDL\*CCRTMVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKYDKCDRIF\*YVEK\*HGRPDA\*GYNQFMGSKPKAMCRTNPTLCYLGVH\*\*YHY\*\*QYY\*GQ\*Q\*Q\*K\*MGKHDNRDRRNKKMLFQCHHRHKR\*GEYRICIF\*\*I\*YSTNREG\*\*ELYIETL\*YLSH\*TSLSKDIL\*ANSHILLCPGWFCDSKVQQ\*DVQWKRGV\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*QFLGQC\*NHNSTADKSCTN\*LYKTQQQYKKRYTHGTREGILYNRTNNRRYKTSILQH\*SYKME\*HFKTGSLSTKKTIWGE\*NNKLYTAFRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*YYLV\*Q\*NCG\*\*NLD\*R\*Y\*KLN\*QRHYHTPMQNKTNYKHVAESRKSNVCPSYPRND\*LFIKYYRATLNKRWW\*\*YRYRSEWDRDLQTYRRRYEGQLEK\*II\*I\*SSKN\*TIRDSTLQGKEKSGAERKKSSTRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQIAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPTGPTDPRDLGLLWKTHLHHFCALEC\*LG\*YISGLRLHLDKLDLDEVGERNCKLHTHNI\*LT\*GIADPTRTK\*TRINEIGQMGKFVGLAWHNKMDEVYKNIHNNSSRLGRFKNNFCCTFYSE\*S\*AGILTIIVPDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.-.FJ469720.chronic

MEPVDPRLEPWKHPGSQPQTACTNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAPQDSQTDQASLPKQ\*VVHVMIPLQVAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRIVNRIIERAEDSGNESEGDQEELSALVERGQLAWDMGHHAPWDVDDL\*CCK\*FVGHSLLWGTCVERSDHHSILCIRC\*SI\*\*RGT\*CLGHPCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMG\*KPKTMCKINPTLCYFKLY\*CHY\*K\*NY\*\*\*N\*Y\*RERNKSCSFYVRST\*R\*DAKVYATFL\*T\*SSTNR\*\*\*D\*\*Y\*\*E\*\*YQ\*\*\*\*\*\*\*LYIDKL\*HLSHYTGLSKDIL\*ANSHTLLYPGWFCASKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*I\*KFHEKY\*NHNSTAERPCKN\*LHKTRQQYKKKYTYGTRESMVCNRRYNRRYKTSTL\*H\*\*SKME\*HFETGS\*KIRRTIGYWNNNL\*\*TLRRGPRNCNAQL\*LWRGIFLL\*YNTAV\*\*YLE\*WYLECN\*N\*RK\*HNHTPMQNKTIYKPVAESRKSNICPSHPRKY\*LFIKYYRAAINKRWW\*QHGQRDLQTCRRRDEGQLEK\*IISI\*SSKN\*TIRNSTH\*GKEKSGAERKKSSRNRSSAPWVLVSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAESY\*GATASVATHGLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ICA\*DLG\*HDLDGVGKRN\*QLHRHNI\*LDCKIADPTRKK\*TRIIRIR\*MGKLVELV\*HIKLAVVYKNIHNGSRRLDRFKNSFFCAFYSKES\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2007.FJ469721.chronic

MEPVDPRLEPWKHPGSQPKTPCTTCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRASQNSQADQVPLSKQ\*VVHVMQSLHILAIVALVVAAILAIVVWTIVFIEYRKIRKQRKIDRLIERIRERAEDSGNESEGDQEELLVEMGHDAPWDVDDL\*CCRPIVGHSLLWGTCVERSNHHFILCIRC\*SI\*DRST\*CLGHTCLCTHRPQPTRNTIDKCDRKF\*HVEK\*HGRTDA\*GYNQFMGTKSKAMCKINPTLCYFKLH\*FEKE\*\*YQS\*YHSY\*H\*YHCQ\*HRRGKGRRNEKLLFQYHHKHER\*CEKRTCTLL\*F\*CNANG\*GK\*YC\*CQP\*AL\*VEKL\*HLSRYTGLSKGIL\*ANSYTLLYPSWFCAFKV\*\*\*EVQWIRTMYKCQHSTMYTWN\*ASSINSAAVKWQSSRRRGSN\*I\*KFHRQC\*NHNSTAEGICRN\*LYKTQQQYKKKYTYRTREGILCNRRHNRKYKASTL\*H\*\*NKMEEHFEKDS\*KIRGTIWEKQNNNLYQVLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*YYLE\*Y\*CE\*YYWE\*D\*PNHTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MFIKYYRTAISKGWWC\*QQPHK\*DL\*TFRRKYEG\*LEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSTGNRSCVHWVLGSSRKHYGRSVSDADGTGQTIAVWYSATAEQLAESY\*GATTSVATHSLGH\*AAPGKSPGCRKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ILQ\*DLG\*LDLDAVGKRN\*QLHRLNIHFD\*RIATPTR\*E\*TRIIGIGQMGKSVDLV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTFVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSL

>B.2004.FJ469722.chronic

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIKKGLGISYGRKKRKQRRRAPPDSENHQVSLSKQ\*VVHVMSLATETWLAIIALVVVFIIAIVVWSIVLIEYRRLLRQRRIDRLLERIRERAEDSGNESDGDQEELSALGEMGHLIPGAINDL\*CYRKNVGHSLLWGTCVERSEYHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRNTIG\*CDRRF\*HVEK\*HGRTNA\*GYN\*FMGSKLKTMCKINPTLCYFKLH\*RD\*YY\*YHCFTNDNRRNKKLLFQYHHKYKR\*SKERICNVL\*P\*YSTNKG\*\*E\*YQL\*VDKL\*HLNHYAGLSKGIL\*ANSHTFLCPGWFCDSKV\*\*\*HVQWNRTMYKCQHSTMYTWH\*ASSINSTAVKWQSSKRRDSN\*V\*KSHKQC\*NYNSTAE\*ICRNYLYKTRQQYKEKYTYRTRESILYNRRHNRRYKKSIL\*H\*QNKLD\*HFREGSPKIKRKI\*K\*NNRL\*ATIRRGPRNCNAYF\*LWRGIFLL\*YNTTV\*\*YVAS\*W\*\*H\*RR\*HKHHDPM\*NKTDHKYVAGSRKSNVCPSHQRIN\*MFI\*YNRAAINKRWW\*YHERDHRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TLRNSTH\*GKEKSGAERKKSSNRGCVPWVLGSSRKHYGRSVTDADGTGQTTIVWYSATAEQLAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*DLG\*DDLDAMGKRN\*QLYRLNTHIT\*RIAEPTGTK\*KRIIGIE\*MGQSVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFYNK\*S\*AGILTLVVSDPLPSPEGTRQARRNRRRRWRQRQRQIQSL

>B.2006.FJ469723.chronic

MEPIDPRLEPWKHPGSQPKTACTKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAPPGSQTNQASISKQ\*VVHVMPALYILAIVALIVAAILAIVVWTIVYIEYRKILRQKKIDRLIDRIREREEDSGNESEGDQEELSAALMEMGHHAPWDVDDL\*CCRKIVGHGLLWGTCVERCNHHSILCIRC\*SI\*HRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKF\*HVEK\*HGRPNA\*GYNQSMGSKPTAMCKINPTLCYFTVY\*CGCY\*\*QHWY\*QHC\*GRGKDGERRTEKLLFQCHHRHKKQNAERICSFL\*T\*CNANKQYRQHKLYVDKL\*HLSHYTGLSKSVL\*ANSHTLLYPGWFCDPKV\*\*\*DI\*WKRTMYKCQHSTMYTWN\*ASSVNSTAVEWQSSRRRYSN\*I\*KFHRQC\*NHNSTAEGTCSN\*LYKTQQQYKKKYTYSTGEGILCNGRYNRRYKKSTLHP\*CNKLE\*HFKKDSYKIKSTV\*ECNNNL\*SIFGRGPRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLE\*DSAV\*\*Y\*\*\*YCRKHHTPMQNKTNYKQVARSRKSNVCPSHQRTN\*LLIKYYRAAINKRWREQYRE\*D\*DLQTWRRGYEGQLEK\*IIQV\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSDRSYVPWILGSSRKHYGRSGSDADGTGQTIIVWYSATAKQFAAGY\*GATTSVATHSLGH\*AAPGKSPDCGKIPKGSTAPRDLGLLWKTHLHHCRALEY\*LE\*\*VL\*\*YLE\*HDLDAVGERNWQLHRLNTLLT\*GIAKPAGKE\*TRLIGTG\*MGQFVELV\*HNTMAVVHKNIHNDSRRFNRFKNNFCYTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2005.FJ469724.chronic

MEPVDPRLEPWKHPGSQPQTACTNCYCKRCCFHCQVCFTKKALGISYGRKKRRQRRRAPQDSQTDQASLSKQ\*VVHVMIPLQVAAIVAIVVGAIIAIVVWSIVLIEYRRILRQRKIDRIINRIIERAEDSGNESEGDQEELSALVERGHLVPGDMGHHAPWDVNDL\*CCK\*FVGHSLLWGTCVERSNHHSILCIRC\*SI\*\*RGT\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMG\*KPKTMCKINPTLCYFKLY\*CHY\*K\*NY\*\*C\*RERDEGRRNKKLLFLCPHKHKR\*DAKGICNFL\*T\*SRTNR\*\*\*C\*\*Y\*\*\*\*\*YQ\*\*\*\*\*LYIDKL\*HLSHHTGLSKDILYANSHTLLCPGWFCASKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRGSN\*I\*KSHEKY\*NHNSTAERPCKN\*LHKTRQQYKKKYTYGTRESMVCNRRHNRRYKTSTL\*H\*\*SRME\*HFETGS\*KIRRTIEY\*DNNL\*\*PLRRGPRNCNAQL\*LWRGIFLL\*YNTTV\*\*YLE\*\*YLE\*\*\*N\*RKWHNYTPMQNKTIYKPVAESRKSNICPSHPRKY\*LFIKYYRAAINKGWWC\*RERAQRDTQTWRRRYKRQLEK\*IISI\*SSKN\*TIRNSTHCSKEKSGAERKKSSRNRSSAPWVLVSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAESY\*GATASVATHGLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ICA\*HLG\*HDLDGVGKRN\*QLHRHNI\*LDCKIADSTRKK\*TRIIGIR\*MGKLVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFFCAFYSKES\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.-.FJ469725.chronic

MEPVDPKLEPWQHPGSQPKTPCTACYCKRCCFHCQVCFIKKGLGISHGRKKWRQRRRSPQDNKNHQVSLPKQ\*VVHVMPPLVIVSIVALVVVAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGGHDAPWDVNDL\*CYR\*LVGHSLLWGTCVERSNHPSVLRIRC\*SI\*DRDA\*CLGHTCMCAHRPQPTRSSIKKCDRIF\*HMEK\*NGRTDA\*GYNQFMGSKSKAMCKINSTLCYFKLH\*LDEWY\*\*QECYYQ\*HWGK\*\*H\*GG\*\*YSSY\*WRNKKLLFLYSCTSER\*VAENICTFS\*A\*HRTHR\*\*\*\*YIYSDKL\*HLSHYTSLSKSIL\*TNSHTFLCPGWFCASKM\*\*\*KFHGKRTM\*QCQHSTMHTWNKASSINSPAVKWQSSRR\*GSN\*I\*QFHEQC\*NHNSPAKQHCSN\*LYKTQQQYKKKYTYRTRASILCNRSHNRRYKTSTL\*HK\*KRMA\*CFKKGS\*KIKRTISE\*NNNL\*AKFRRRPRNCNAHF\*LWRGILLL\*FIKTV\*GYLEWYYIVKYH\*RNK\*YSRRENNHNPVQNKTIYKQVAGSRKSNVCPSHQRTNYMSIKYYRAAINKRWW\*WHQ\*DDRDLQA\*RRRYEGQLEK\*II\*I\*SSKN\*TIRISTHQGKEKSGAERKKNSGNRSFVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAKQLAEGY\*GATASVATHSLGHQAAPGETPGCRKIPKGSTAPRNLGLFWKTHLHHCCALEC\*LE\*\*ISGLYLG\*YDLDAVG\*RN\*QLHNLNILLT\*NIAEPAGKE\*TRIIGVG\*MVKFVELV\*HNKMAVVHKNIHNDSRRFGRF\*NTFCCAFYSK\*S\*AGIFTIVISDPLPNPEGTRQARRNRRRRWRARQRQIRSI

>B.-.FJ469726.chronic

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRTPQDSQTHQASLSKQ\*VIYVMYSLQIIAIVALVVALILAIIVWSIVGIEYRRILRQRKIDRIIDKIIERTEDSGNESEGDQEELSALVEMGHPAPMGHHAPWDVNDL\*CCRTVVGDSLLWGTGVERSNHHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTKSSIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFRVH\*\*FDFKLY\*YY\*YQ\*\*WPLQ\*\*\*L\*\*DERRNKKLFFQCHHKHK\*\*ETARICTFL\*A\*CSTNR\*\*\*E\*\*\*G\*LYQL\*VDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSVAVKWQSSRRRGSIEI\*EFHKQC\*NHNSTPE\*ICRN\*LYKTQQQYKKRYTYRTRESILWNRYNRKYKTSTL\*R\*\*YKME\*HFKTYS\*\*IKRTI\*E\*NNSL\*ELLRRGPRSCNAQF\*LWRGIFLL\*FNTTI\*\*YLAC\*WYLEWY\*KVK\*H\*KKYHTPMQNKTNYKYVAGSRKSNVCPSHQRTN\*MFIKHYRAVINKRWGSRERD\*A\*DLQTWRRRYEE\*LEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSNRGIRSFVPWVLKSSRKHYGRSVNNADGTSQTIIDWYSATAEQFAESY\*GATTPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEH\*LE\*\*ISK\*DLG\*HDLDGVGKKN\*QLYTGNIQLN\*TIAKPTRKK\*TRIIGIR\*MGKFVELVRHNKMAVVYKNIHNDSKRLNRFKNSFYCTFYSK\*S\*AGIFTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.-.FJ469727.chronic

MEPIDPSLEPWKHPGSQPKTACTPCYCKQCCFHCIVCFTKKGLGISYGRKKRRQRRRPPQDSEAHQVSLSKQ\*VVHVMQLLSILAIVGLVVVGIIAIIVWSLVLIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHNAHHAPWDIDDL\*CCRSIVGHSLLWGTCMERSNHHSILCIRR\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*YGRPNA\*GYN\*FMGSKLKAMCKINPTLCYLELH\*CEE\*CY\*\*Q\*\*\*LDGGRYEKLLFQCHLKCER\*DAERICTSL\*T\*YSTNR\*\*E\*\*E\*\*YQL\*VDKL\*HLIHYTGLSKDILSANSHTLLCPGWFCDSKV\*\*\*AVQWVRTM\*KC\*HSTMYTWN\*ASGVNSTAVKWQSSRKRGSN\*I\*KFHKQC\*NHNSTAE\*NYRNELYKTQQQYKKKYTYGARECNLCNRRHNRRYKTSTL\*C\*\*SKME\*NFTTDS\*KIKKSIWEYNNSL\*KFLRRGPRNCNAQS\*LWGGIFLL\*FNTTI\*\*YLGC\*\*DYGRGK\*N\*\*NYHTPMQNKTNCKYVAASRKGNVCPSHQRTN\*MLIKYYRTAINQRWW\*Q\*Q\*\*DLQTWRGRYEGQLEK\*IIQI\*SSKN\*TIRNSTHQGKEKSGAERKKSSNFRSYVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSAAAEQSAESY\*GATASVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISGCNLEKHDLDAVGKGN\*QLHRHNIQPN\*RIAEPTRKE\*TRLIGIGSMGKFVELV\*HIKLAVVYKNIHNDNRRLDRFKNSFCCAFYSK\*S\*AGILTFIVSDPPPNPEGTRRARRNRRRRWRERQRQIRSI

>B.2002.FJ469728.chronic

MEPVDPRLEPWKHPGSQPRTACNTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDGQTHQVSLSKQ\*VVHVMQSLTILAIVALVVATIIAIVVWSIVFIEYRKILRQRKIDRLIARIGERAEDSGNESDGDQEELSALVEMGHRAPGDINDL\*C\*RKFVGHRLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRADA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FRE\*\*\*RGKDGGRRNKKLLFQYHHKHKR\*GAERICVFL\*T\*CNTNR\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*KVQWIRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFHEQC\*NHNSTAE\*ICRN\*LYKT\*QQYKKKYTYRTRQSILYNRRNNRKYKTSTL\*P\*\*SKME\*HFKTDSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*Y\*RVK\*H\*RK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*\*REYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TVRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSGNDADGTSQTIIVWYSATAEQFAESY\*GATAFVATHSLGHQAAPGKSPGCGKIPKGPTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGSNLAKHDLDAVGKRN\*\*LHRLNIHLN\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLSRFKNSFCCTFYSE\*S\*AGILTIIVPDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.-.FJ469729.chronic

MEPVDPRLEPWKHPGSQPRTACTGCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQNSPTHQVPLSKQ\*VLHVMPPLIILAIVALVVAAILAIVVWSIVFIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDM\*YCRTIVGHSLLWGTCVERSNHHSILCIRCQSI\*HRGT\*CLGHTCLCTHRPQSTRNKIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPTLCYLKLY\*LQRGNK\*YYPY\*QY\*RQRRSKKMLFRCHHRHKRYSAERICSLL\*TRYSANTGE\*\*\*YK\*\*LY\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*GVQWNRSM\*KCQHSTMYTWN\*ASSINSTAVEWQFSRRRGNN\*I\*KFHKQC\*DHNSTSE\*ICRN\*LYKTQ\*\*YKQKDIYRTRESILCKRTHNRRCKTSILYH\*\*NKMGEHFKTNSCKIKRTI\*K\*NNSL\*SFLRRGPRNCKAHF\*LWRGIFLL\*FIRTV\*\*YLEWNTPGYLEWYWRKYHTPMQDKTNYKHVAGGRKSNVCPSHQGNN\*MFIKHYRIAINKRWWSW\*\*HQ\*DLQT\*RRRYEEQLEK\*II\*IQSSTN\*AIRSSTHQGKEKSGAERKKSSGNRSCAPWVLGSSRKHYGRSVNGADGTSQTIIVWYSATAEQFAESY\*GATTSVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALE\*ELE\*EKSESDLG\*HDLDTVGKGN\*QLHRHNIHLT\*RIAEPARKE\*TRLIGIG\*MGQFVELV\*LNKMAVVYKNIHNDSRRLDRFKNNFYCAFYSE\*S\*AGILTLIVSDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.2002.FJ469730.chronic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQNSETYQVSLPKQ\*VVHVMQSLQILAIVSLVVVAIIAIVVWTIVLLEYRKILRQRKIDKLLERIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTGSTIEKCDRKF\*HMEQ\*HGRPDA\*GYNQFMGPKPKAMCGINPTLCYFKLH\*CAEC\*CY\*D\*\*\*\*\*GSDGGNEKLLFQYHHKHDR\*DAEKVCNFF\*T\*YSTNR\*\*WY\*\*QL\*IDKL\*HLSHYTGLSKNIL\*ANSHTLLCSGWFCDSKV\*R\*GFQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFQ\*QC\*NHNSTTERTCRN\*LYKTQQQYKQKYTFRTRESISCNRRNNRRYKTGTL\*H\*\*GKVG\*SFKTDR\*KIRRKI\*EGNNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*WYLE\*WYLE\*WYLE\*YRRVK\*HYHTSMQNKTNYKHVAKSRKSNVCPSH\*RTN\*MFIKYYRAAINKRWWW\*WE\*\*RDVQTWRREYEGQLEE\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSNGTRSSVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPSCGKIPRGSTAPGELGLLWKTHLHHYCALEY\*LE\*\*ISGSDLE\*HDLDGVGKRNWQLHKQNIHLN\*RIAKPTRKE\*KRIIGIR\*MGKSVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPQPSPAGTRQARRNRRRRWRERQRQIRSI

>B.2003.FJ469731.chronic

MEPVDPRLEPWKHPGSRPKTACTKCYCKRCCMHCQVCFITKGLGISYGRKKRRQRRRAPQDSQSHQASLPKQ\*VVHVMQSITIAAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSTLMEMGHHAPWNVDDL\*CC\*KDVGHSLLWGTCVERSNHHSILCLRC\*II\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRSNA\*GYNQFMGSKSKAMCEINPTLCYFKLH\*FE\*KCH\*Q\*YHCFY\*Q\*\*EMESEKENQIFQYHHHHKR\*DAENICTFL\*T\*Y\*YTTC\*\*\*\*\*YHI\*VDKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWFCDSKV\*\*\*EIQWNRTM\*KCQHSTMHTWN\*ASSVNSIAVEWQSSRRRDSN\*I\*EYHRQC\*NHNSTAEHICSN\*LYKTQQQYKEKYTYSTRESILCNRRHNRKDKTSTL\*C\*\*KQMGRHFKKGSYKIKRTI\*\*HNNLYKLLRRGPRNCNAQFHLWRGIFLLQFNTTV\*\*DLE\*E\*Y\*E\*YYWE\*\*\*HYHTPMQNKTNYKHVAGSRKSNVCPSH\*RTNQLFIKYYRATINKRWRS\*HK\*GK\*DLQAWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSFIPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAEQFAESY\*GATASVAAHSLGHQAAPGKNPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*YLA\*HDLDAMGKRN\*QLHRIHILID\*RIAEPARKE\*KRIIGIG\*VGQSVELVYNNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIVVSDPPPSPRGTRQARRNRRRRWRERQRQIQSL

>B.2004.FJ469732.chronic

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRSPQGSQTHQATLSKQ\*VVHVMLPLQIAAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSAFMEMGYHAPWDIDD\*\*CYRKIVGHSLLWGTCVERRKHHSILCLKC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNGIGKCDRKF\*HVEK\*HGRTNA\*\*YNQFMG\*KPKTMRKINPTLCYFKLH\*LWYPRF\*LQY\*\*\*YH\*\*\*LERRNKKLLF\*YCHRQE\*\*KEESICTFL\*T\*CSTNR\*G\*\*\*L\*VDKL\*YLSR\*TGLSKDIL\*ANSHTLLCPGWICNFKV\*\*\*NIQWNRTVYKCQHSTMYTWN\*ASSNNSTTVKWQSNRRRGSN\*I\*KFHEQC\*NHNSTIEQFYTNQLYKTQQQYKEKYTYCTRESILCNRTNNRRYKTSTL\*P\*\*ESLE\*HFKTDS\*QIRRTIEQIRRRE\*NKHINNNL\*AILRGGPRNCNAQFYLWRGIFLL\*YLKTV\*\*YLELESNY\*\*MEWY\*RVR\*QGRK\*HNHTPMQNKTNCKHVAGSRKSNVCPSHQWTN\*MLIKYYRAAINKRWW\*YKWHEWD\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWILGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHKAAPGKNPGCGKIPKGSTAPGDLGLLWENHLHHCCALECYLE\*\*IPE\*NLG\*HDLDGVGKRN\*QLHRHNIQPT\*KSASPARQE\*TGIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAFHSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2004.FJ469733.chronic

MEPVDPRLEPWKHPGSQPKTPCTACYCKFCCFHCQVCFTKKALGISYGRKKRRQRRRAHQDSQTHQVSLPKQ\*VIYVMQPEVILAIVALVLVAIIAIVVWTIVIIEYRKILRQRKIDRLIDRIREREEDSGNESEGDQEELSALVGMGELVVEMGHHAPWDVADL\*CFRKVVGHSILWGTCVERCKDHSILCIRC\*RI\*DRDAQCLGHTCLCTHRPQPTRNSIGKCDRRF\*HVEK\*HGRTDAGGYN\*FMGSKPQAMCTTNPTLCYFRLH\*L\*GE\*YNQEYYNSQ\*YK\*\*\*\*LKGGYRNEKLLFQCHHKHKR\*EAERICTFI\*T\*FSTNK\*C\*C\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSNTLLCPGWFCDSKM\*\*QDI\*WKRTMYKCQYSTMYTWN\*TSGINSTAIKWQSSRKRGSN\*ICQFLGQC\*NHNSTAEQICRN\*LYKT\*\*QYKKEYTYRTREGILCNRRHNRKHKTSTL\*P\*WSRLEYHFKPNS\*KIKRTIWGK\*NNKI\*AILRRRPRS\*NAQF\*LWRGIFLL\*FNTTV\*\*YLVY\*\*YYGGVTW\*\*DKWHYHSPMQNKTNCKQVARSRKSNVCPSH\*RTN\*MFIKYYRAAINKRWWS\*\*\*\*\*Y\*\*DLQTWRRRYEGQLEK\*II\*IQSSKN\*AIRSSTHQGTEKSGAKRKKSSGTRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQPAESY\*GATAYVATHSLGHKAAPG\*SPGCRKIPKGSTAPGNLGVHWKTHLHHCCALEC\*LE\*\*NYGKDLG\*YDLDAVGKRN\*QLHRRDIQTA\*RCAEPARKE\*TRIIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFFSK\*S\*AGIFTIIVSDPPPSTEGTRQARRNRRRRWRERQRQIHSI

>B.2002.FJ469734.chronic

MEPVDPSLEPWKHPGSQPKTACTPCFCKQCCYHCQVCFITKGLGISYGRKKRRQRRRSPQGGETHQAPLSKQ\*VVYVMQPLQPLQIAAIAALVVAAVIAIVVWSIALIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALMEMGHHAPWVVDDL\*CCR\*FVGHSLLWGTCVERSKNHPILCIRC\*STG\*RGT\*CLGNTCLCTHRPRPTRNKIGKCDRIF\*HMGK\*HGRPDAGGYNQFMGSKLKAMCKANSTLCCFKLQ\*LQYYKLQFECRQYYYW\*\*YW\*\*\*YY\*\*SSSLPSYYDPRKNKMLFLCCHHNSRKDREKTCIIS\*P\*YRTHR\*\*R\*Y\*\*YSTD\*L\*HLNHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*RYEIQWKWHM\*QSQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFLRQC\*NHNSAAERTCRN\*LYKTQ\*QYKKKYKYRTRASILCSRTNNRRYKTSIL\*H\*\*SKMGEHFKTGS\*KIRKTIWGEQNNDFY\*ILRRGPRNCDA\*F\*LWRGIFLL\*YNKTV\*\*\*LE\*QYLE\*H\*RVKYH\*PWRK\*HNHIPMQNKTDYKHVAESRKSNICPSHRRTN\*MYIKYYRAAIIKRWWYKYE\*DQRNLQTWRRRYEGYLEK\*II\*I\*SSKN\*TIRNSTQQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQFAEGY\*GSTTSVETHSLGHQAAPGESPGYRKIPKGSTAPGDLGLLWKAHLPHCCALEY\*LE\*\*ILGNNLG\*HDLDAVG\*RN\*QLHKLNIHFT\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKMAVVY\*NIHNDSRGLNRLKNSFCCTFYSE\*SQAGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.2002.FJ469735.chronic

MEPVDPRLEPWKHPGSQPETACTKCYCKKCCFHCQVCFLKKGLGISYGRKKRRQRRRTSKDNQNHQVSLSKQ\*VVHVMHSLQILAIVALVVATVIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEALAAMVERGHLAPWDVDDL\*YCRKLVGHSLLWGTCVERSNHHSFLCVRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSILKKCDRKF\*HGEK\*HGRTDA\*GYNQFMGSKPKTVCKINPTLCYFKLH\*\*H\*VEECY\*KCYCY\*GQ\*RRNNKLLFPGHHRQKG\*GAERVCTVL\*TRYMYQ\*ILATTSLY\*\*Y\*L\*VRYSCNTSVITPSGPRRCPCESISIHPCTLDDCAIFKCNE\*EV\*WNRGM\*NCQHCTLYTWT\*CSRV\*STAVKWQSSRRRGSD\*I\*KFHEQC\*NHNSTAERSCNN\*LYKTQQQYKKRYTYRTRESILCNRKYNRRYKTSTL\*P\*\*STME\*HSKTDSSKIKRTI\*KCNNNKV\*FILRRGPRNCNSQF\*LRRGIFVL\*YITSV\*\*YLDV\*\*YLE\*Y\*H\*REQHNHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MLIKYYRAVINKRWWCR\*\*QFKRHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNTRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPMGSTAPRDLGLLWKTHLPHYCALEY\*LE\*\*KLHGNLE\*NDLDAVGKRN\*QLHKLNILLN\*RIAEPARKE\*TRIIGIG\*VGQFVELV\*HNTLAVVYKNIHNDSRRLGRFKNSFYCTFHSE\*S\*AGIFTTIISDPPPSPEGTRQARRNRRRRWRERQRKIHSL

>B.2002.FJ469737.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQSSQTHQVSLSKQ\*VIYVMQSLQILAIVALVVAAIIAIVVWSIVIIEYRKILRQRKIDTIIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWPIDDL\*CYRLVGHSLLWGTCVERNDHHSILCIRC\*SI\*YRNT\*CLGHTCLCTHRPQPTRSNAEKCNRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCQINPTLCYFRLH\*CREYY\*YH\*Y\*YH\*YE\*GNDGKRRNKKLLFQCHHTHKR\*GTERICTFL\*T\*CSTNK\*G\*\*YR\*G\*\*Y\*I\*VDKL\*LLCHYTGLSKGIL\*ANSHTLLCPGWFCNSKV\*R\*EVQWNRTM\*ECQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*V\*QFQ\*QY\*NHNSTANRGCRN\*LYKTQQHYKKRYTYRTRESSLCNRKNNRRHKKSTL\*H\*\*RKVE\*HFRTDSCKIKRTI\*E\*NNSL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNKAV\*\*YLDRY\*\*YLE\*Y\*YHHTPMQNKTNCKHVAGSRKSNVCPSHQWTN\*MFIKYYRATINKRWG\*PEPNGEQHGDLQTWRRRYEGQLEK\*II\*IQSSKN\*TIRSSTHHGKKESGAKRKKSSGNRSFVPWDLGSSRKHYGRSITDADGTDQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISG\*DLG\*HDLDGVGQRN\*QLHTINIHLN\*RITNPTRKE\*TRIIEIG\*LGKFVELV\*HIKMAVVYKNIHNDSRRLGRFKNSLCCTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2001.FJ469738.chronic

MEPVDPRLEPWKHPGSQPETPCTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDCQTHQVSLSKQ\*VVHVMQPLQIYSIVAVVVLVIIAIVVWTIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*C\*RPIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FN\*FEECY\*YHCS\*CHCY\*YHC\*\*HGRGGGRRNEELLFQCHHKHKR\*DKERICNFLYT\*YSTNK\*\*\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*I\*KFHEQC\*NHNSTAERPCKN\*LYKTQQQYKKKYTHRTRESILCNRRHNRRYKTSILYPE\*NRLE\*HFTTDS\*KIKRN\*TI\*G\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLV\*E\*D\*RVK\*N\*RK\*HNHTPLQNKTNCKHVAGSRKSNVCPSYQRTD\*LFIQYYRAAINKRWW\*Y\*RERERDLQTWRRRYEGQLEK\*II\*I\*SSKNRTIRSSTHQGKEKSGAERKKSSRNRSFVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQFAESY\*GATTSVATHSLGHQAAPSKSPGYRKIPKGSTAPRDLGLLWKAHLHHCCALEY\*LE\*\*ISGHNLE\*HDLDAVGKRN\*\*LHIHNIQLT\*EIAEPAR\*E\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFYYTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2003.FJ469739.chronic

MEPVDPRLEPWKHPGSQPKTPCTPCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRAHQGGQTDQVALSKQ\*VVYVMLTSQIVAIVALAVATIIAIIVWSIVFIEYRKILRQRKIDRLIDRITERAEDSGNESEGDQEELSALMEMGHHAPWDVNDL\*CCRSIVGHSLLWGTCVERSNHHSILCIRC\*NI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDAGGYNQFMGSKPKAMCEINPTLCYFRLH\*SVEHYY\*\*\*\*WFEQHGSRNEKLLFQYHH\*HKR\*DTERICTLL\*T\*CSTNRW\*\*Y\*L\*VDKL\*HLSHYTGLSKGNL\*PNSHTLLCPGWFCDSKM\*\*\*NVQWNRTMYKCQHSTMYTWN\*ASSINSTAAKWQSSRRRGNN\*I\*KFHEQC\*NHISTAE\*ICSN\*LYKTQHQEGKTYTYRTRESILCNRIHNRYKTSTM\*H\*SDKME\*NFKKDS\*QIKRAIWE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNKTV\*\*YLDLE\*YCRVK\*H\*TGCHNPTPL\*NKTNCKPVAGSRKSNVCPSHPRTN\*MLIKYHRGAINKRWWYKREQRELQREPTRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRTSTHQGKEKSGAKRKKSSGTRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSAAAE\*LADGY\*GATAYVATHSLGHQAAPGKSPSCGKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*IS\*YHLEQHDLDAVGKRN\*QLHRLNIQLT\*RIAKPTRKE\*TRIIRIR\*MGKFVELV\*HNKLAVVYKNIHNDGRRLGRFKNSFYCTFFSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRQKQRQIHSL

>B.2003.FJ469740.chronic

MEPVDPSLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRTPEDSQIHQASLSKQ\*VVYVMQTLNIVVILAFVVVTIIAIVVWSIVFLEYRKILRQRKIDRLINRLIERAEDSGNESDGDQEELSALVEMGHHAPWNVNDL\*\*CRTIVGHSVLWGTCVERSNHYSILCIRC\*RI\*NRGT\*CLGHTCLCTHRSQPTRSKIGECNRKF\*HVEKWHGRTDA\*GYNQFMGSKPKTMCKINPTLCYFNLHCFECYECFSSQR\*LPH\*\*\*RGNEKLLFQCHHKHKR\*GEKRICTFLYT\*YSTNRK\*QY\*L\*VDKL\*HLSHYPGLSKDVL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWIRTMYKC\*YSTMYTWN\*ASSINSITVKWQSSRRRGSN\*ICKFHRQY\*NHNSTAE\*NYRHYLYKTQQQYKKRYKYRARESIICNRSHNRKYKTSTL\*H\*\*NKME\*NFGTGSDKIKRTIQE\*NNSL\*TTLRRGPRNCNALFQLWRGIFLL\*YNTTV\*\*YLE\*\*\*YYLVK\*HRRKYHTPMQNKTNYKYVARSRKSNVCPSHQWIN\*V\*IKYYRAAINKRWW\*\*E\*QHQ\*E\*DRNL\*AWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTQQGKEKSGAERKKSSGIRSLVPWVLGYSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IYE\*NLE\*YDLDTVGKRN\*QLHRLHILLA\*RIAKPTRKE\*TRFIGIGQMGKFVELV\*HNTLAVVYKTIHNDSRRLNRFKNSFYCTFYSK\*S\*AGILTLIVSDPPPNPEGTRQARRNRRRRWRERQRHIQTI

>B.2002.FJ469741.chronic

MDPVDPKLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIQKALGISYGRKKRRQRRRPPQGSQTHQDSLSKQ\*VVHVMQSLQIVAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRITERAEDSGNESEGDQEELSALMEMGHLAPWDVNDL\*YCRT\*TIVGHSLLWGTCMERSNHHSILCIRC\*SI\*Y\*GT\*YVGHTCLCTHRPQSTRNSSGKCDRKF\*HVEK\*HGRTDA\*GYNQSMGSKPEAMCKINPTLCYSKLH\*\*FDK\*Y\*GQ\*\*YRGNNRGKRRNKELLFQYHHKHKR\*DAERICAFL\*T\*CSTNR\*\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWNGTM\*KCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*V\*KFHKQC\*NHNSTAE\*VCSN\*LYKTQQQYKKKYTYRTRQSILCNRRHNRRYKTSTL\*H\*SNTLEKHFKKGSYKIKRTI\*E\*NNSL\*SILRRGPRN\*NAQF\*L\*RGIFLL\*YNTTV\*QYLDLG\*\*Y\*RIK\*HYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*GREQYHRDLQTWRRKYEGQLEK\*IV\*I\*SSKN\*TIRISTHQGKEKSGAERKKSSNRSYDPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPSCGKIPSGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*ISE\*HLG\*HDLDGVGKRN\*\*LHKSNIQLT\*SIAKPTRKE\*TRIIGIGQVGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIVPDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2003.FJ469742.chronic

MEPVDPSLEPWKHPGSQPQTACTSCYCKKCCFHCQACFITKGLGISYGRKKRRQRRRPPQDSKTHQAALSKQ\*VVYVMYPLQIVAIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDT\*CLGHTCLCTHRPQPTRSILKCNRKF\*HVEK\*HGRSDA\*RYNQFMGSKSKAMCKINPTLCYFKLHRLEAG\*YYF\*Q\*YQIWQ\*QWLGNVGQRRNKKLLFQCYHKHKR\*GEDRICTYE\*T\*CSTNRQ\*\*F\*LYFDKL\*HLSHYTGLSKDIL\*ANSNTLLCPGWVCDSKV\*R\*EIQWIRTM\*QCQHSTMYTWN\*ASSINSAAAKWQSSRGRGSN\*ICQFHEQC\*NHNSTAE\*ICTN\*LYKTQQQYKKRYTYRTRKSSLYKRKNNRRYKKSIL\*H\*\*RKLE\*DSTTGS\*KIKRTIWE\*NNSL\*\*IFRRGPRNCNTQF\*LWRGIFLL\*YNKAI\*\*YVEYSEWYYMVK\*Q\*PNHHTPMQNKTNCK\*VAGSRKSNVCPSHQWTN\*MLIKYNRTAINKRWW\*HK\*HY\*NLQTWRRRYEGQLEK\*TI\*I\*GSTN\*TIRSSTHQGKEKGGAERKKSSSRTRSFGPWVPGSSRKHYGRSVTGVDGTDQTIIVWYSATAE\*YAESY\*GATTPVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISK\*HLG\*HDLAAVGKRN\*QVHR\*NIHIT\*TSANPARKE\*TRIIGIG\*MGKFVELVQHNTLAVVYKNIHNDSRRFDRFKNSFFCTFYSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRKRQRQIETL

>B.2003.FJ469743.chronic

MEPVDPRLEPWKHPGSQPRTPCTKCYCKRCCFHCPTCFLTKGLGISYGRKKRRQRRRTPQDSQIHQVSLSKQ\*VVHVMIPLQIVAIVALVVAAIIAIVVWTIVGIEYRKILKQRKIDRIIDRIRERAEDSGNESEGDEEALSALMEMGHHAPWNVDDL\*CYRTTIVGHSLLWGTCVERSKYHPILCIRC\*SI\*ERST\*CLGHACLCTHRPQPTRSRTEKCDRKF\*HVEK\*HGRTDA\*GYNQSMGSKPKAMCKINPTLCYFKLH\*\*FGERY\*YR\*\*\*CHW\*R\*Y\*CR\*\*\*YH\*\*\*LGTDGERRNKKLLFRHHHKHRK\*DAERICTLL\*T\*CSINR\*\*Y\*DQT\*\*RIRR\*CY\*S\*EEDI\*EL\*VDKL\*HLNHYSGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTM\*KRQHSTMYTWN\*ASSVNSTAVKWQSSRKRSSNQI\*KFFGQY\*KHNSPSESICRN\*LYKTQQQYKKKHTYRTRASVVCNRRNNRKYKTSTL\*P\*\*HKME\*HFKTDSYKTRRTT\*E\*E\*HNKL\*AILRRGPRNCNAQFYLWRGIFLL\*YNTTVQ\*YLEDKWNLDKWNSK\*HWRKHYHTPVQNKANCKHVAGSRKSNVCPSHPRTN\*MFIKYYRADINKRWW\*SK\*D\*\*D\*YY\*\*DLQTGRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSRSDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAE\*FAEGY\*GATAPVATHGLGHQTTPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEQ\*LE\*E\*ISG\*DLE\*YDLDGMGKRN\*QLHRINIHLN\*KIAEPTRKE\*TRIIGMG\*VGKFVELV\*HNTMAVVYKNIHNDSGRLGRFKNNFCCAE\*G\*AGILTNIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSI

>B.-.FJ469744.chronic

MEPVDPRLEPWKHPGSQPKTPCTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VIHVMQSLQILAIVALVVAAILAIVVWSIVYIEYRKILRQRKIDRIIDRIIDRAEDSGNESEGDQEELSKLVGMGDHAVEMGHHAPWDIDDL\*CYRQVVGHSLLWGTCVERSKHSSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKANPTLCYYELH\*L\*\*\*\*YQYYQ\*CQYH\*\*SPRRNKKLLFQYHHKHKRQGAERTCTFL\*P\*YSTNK\*\*GN\*YKL\*VGKL\*HLSHYTSLSKGIF\*TNSHTFVCPGWFCDSKM\*Q\*GVQWNRTM\*KCKHSTVYAWN\*TGSINPTTVKWQSSRERGGN\*VCQFLGQC\*DHNSTAECISTN\*LYKTKQQYKKRYTHRTRQNMVCNRRNNRRYKTSTL\*P\*\*RSMGEHFKTGSYKTRRTI\*E\*KNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLG\*WNKNKYH\*GKK\*RWRK\*QRTHHTPMQNKTNYKHVAGSRKSNVCPSHQWKHYMFIQYYRVAINKRWWQGQ\*DSGLWDSGH\*DLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTHQAKEKSGAERKKSSGIRSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQTAPGKSPGSGKIPKGSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*IFECNLG\*HDLDGVGQRN\*QLHKLNILLN\*RIADPTR\*E\*KRTIRIR\*MGKFVELV\*YNKLAVVHKIIHNDSRGLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRFI

>B.2004.FJ469745.chronic

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSKTHQASLSKQ\*VVNVMQSLTILAIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CCSKFVGHSLLWGTCVGRSNYHSILCIRC\*SI\*YRGAQCLGHTCLCPHRPQPTRSIIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*C\*YH\*SSYHQYC\*YHWCSARRNKKLLFQYHREPKG\*GEKRICAFLYN\*YNTNRE\*HQL\*VDKL\*HLSHYTGLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*HIQWKGTMYKCQHSAMYTWN\*ASSINSIAVKW\*SSRRRGSN\*I\*QFHEQC\*NHNSTAKGSCRN\*LYKTQQQYKKKYTYRTR\*VILCNRHNRRYKTSTL\*H\*\*SKME\*YFRTDSYKIKRTIWE\*\*NNSF\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLE\*Y\*QDRYRK\*NYHTPMQNKTNYKLVARSRKSNVCPSHQRTN\*MFIKYYRATINKRWW\*\*Q\*YHRGNFQTCRRRHEGQLEK\*AI\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSYVPWVLGSSRKHYGRSISDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGLHLAEHDLDGVGKRN\*ELHRLNIQLN\*RIAKPTRKE\*TRIISIR\*MGKFVELVWHNKLAVVYKTIHNDSRRLSRFKNSFYCTFYSK\*S\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRERQRHINTI

>B.2005.FJ469746.chronic

MEPVDPRLEPWKHPGSQPKTACTPCFCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRASQDSQTHQDYLSKQ\*VVHVMYPLHIVAIVALVVAAILAIVVWSIVFILYRQIAKQKKIDRIIDRIIERAEDSGNESEGDQEELSELMERGHLAPWDVNDL\*CYRKFVGHSLLWGTCVERSNHHSILCLRC\*RV\*DRGA\*CLGNTCLCTHRPQPTRSKIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*L\*EEE\*Y\*YHCGYYY\*YP\*\*YLGNDGERRNKKLLFQCHHKHER\*VTESICTLL\*T\*YNTNR\*W\*\*K\*Y\*YYI\*VNKL\*HLSHYTSLSKGILSANSHTLLCPGWFCDSKM\*\*\*DVHWKRTM\*QCQHSTMYTWN\*ASSINSPTVKWQSSRRRGSN\*I\*KFHKQC\*NHNSAAEQFCNN\*LYKTQQ\*YKKRYTYRTRESLLCNRRDNRKYKTSTL\*H\*SKRLEHHFNPGSWKIKRTISK\*NNNL\*STLRRGPRNCNAQF\*LWRGIFLL\*FITTV\*\*HLAYE\*N\*GVK\*HWN\*WHNHTPMQNKTNCKHVAGSRKSNVCPSHQWNN\*M\*VKYYRAAVNKRWW\*\*Q\*YRKRDIQTCRRKYEGQLEK\*II\*IQSSTN\*TIRNSTHQGKEKSGAERKKSSGTRSTVPWVLGSSRKHYGRSVGDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPK\*STAPGDLGLLWKTHLHHCCALE\*NLE\*E\*NSESDLG\*HDLDAVGKRH\*KLHSRNIQIN\*KIAKPTGKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLSRFKNNF\*CTFYSE\*S\*AGIFTIIVPDPPPSSEGTRQARRNRRRRWRQRQRQIQSI

>B.2005.FJ469747.chronic

MEPVDPRLEPWKHPGSQPKTPCTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTHQVSLPKQ\*VIYVMQPLVIYSIVALVVVAIIAIVVWSIVLIQYRRILRQRKIDRLIERIRERAEDSGNESEGDDDELAALVEMGHHAPGDINDL\*CFRKIVGHSLLWGTCVEGSKHHSILCIKC\*SI\*YRGT\*CVGHTCLCTHRPQPTRNIIEKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPTLCHFKLH\*YQE\*YQYH\*\*DRGNRERRDKKLLFQYHHKHRR\*EEERTCTF\*\*T\*YSTNG\*DKG\*YKL\*VNKL\*HLSHYTSLSKDIF\*ANSHTLLCPSWFCDSKM\*QQNVQWNRIM\*KCKHSTMYTWN\*TSNINSTAVKWQSSRRRGGN\*ICQLLRQC\*NHNSTAE\*IGSN\*LHKTQQQYKKKYTDGTRQSILCNRRHNRRYKTSTLQC\*\*SKME\*NFKTGSYKIKRTI\*EKYNNNLYSLLRRGPRNCNTQF\*LWRGIFLL\*LNTTV\*\*YLD\*\*IIRYR\*RR\*EHHTSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWS\*\*\*\*NQQERDLQTGRRRYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVTDADGTGQTIIVWDSATAE\*SAESC\*GATASVATHSLGHQAAPGKSPSCGKISKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*VFE\*HLGKHDLDAVGQRN\*QLHKLNILLN\*TSAEPTRKE\*KRLIRIRYMGQFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTNIVSDPPPSQEGTRQARRNRRRRWRERQRQIRFI

>B.2002.FJ469748.chronic

MEPVDPNLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQSSQTHQASLSKQ\*VVHVMQPIQIAAIVGLVVAGIIAIVVWSIVLIEYRKILRQRKIDRLLDRISERAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*C\*RELVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRIRIKKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKSKAMCKINPTLCYFNLH\*SVEYYCQW\*\*CDYYPQDKRNKNKKLLFQYHHKNKR\*GARYICSF\*\*T\*FNTNKR\*\*Y\*V\*VDKLQHLHHHTCLSKGILYSHSHTLLCPSWFCDSKM\*G\*QVQWNRTMYRCQHSTMYTWN\*ASSINSTAVKWQSSRKRGST\*IQEFLGQC\*NPNSTAE\*NCSN\*LYKTQQQANKKDTYRTRQSILWDRYKRKYKTSIL\*H\*\*DSME\*HFKKGSYKIRRTIWG\*\*NNNL\*ATRAGRGPRNYDAHF\*LCRGIFLL\*YYTTV\*\*YLVWKWYCTVNI\*RK\*NNHTPMQNKTDCKHVATSRKSNVCPSHQWTN\*LYIKYYRAANNKRWWG\*RVQE\*\*DL\*TCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSSDTRSCVPWVLGSSRKHYGRSVNDADGTGQTIDVWYSATAEQLAESY\*GATASVATHCLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*IL\*\*HLE\*HDMDAVGKRN\*\*LHKLNIHLN\*GIATPTRKE\*TRLIVIK\*MGKSVELV\*HIKMAVVYKNIHNDSRRLGRFKNSFYCIFYSE\*N\*AGILTIVVPDPLPSPEGTRQARRNRRRRWRARQRQIHSI

>B.2002.FJ469749.chronic

MEPVDPKLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSETHQASISKQ\*VVDVMHSIQILAIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESDGDQEELSALVEMGHHAPWDINDQ\*CCSKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGTQCLGHTCLCTH\*PQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYFTLH\*C\*CHYH\*\*YGERRNKKLLFQYHHKPKKSGAERICTFL\*T\*CSINR\*CLY\*YQF\*Y\*LYVGKMDDISALPTPVQKYALDHSHTLLCPGWFCDSKV\*\*\*DIQWKRTM\*\*CQHSTMYTWN\*ASSINSTAVKWQSSRKRGNT\*I\*QFHEQC\*NHNSTAKRFCRN\*LYKTRQ\*YKEKYTSRTR\*SILCNRRHNRKYKTSILYHQ\*SKME\*YFRTDS\*KIKRTIWE\*YNNLLSSLLRRAPKCWAAQF\*LWRGILLL\*YNKVV\*\*YLACEWYY\*RDR\*YWRE\*HSHTPLQNKTNCKHVARSTKSNVCPSHQRTNYGRIKYYRDTINKRCW\*\*REQDQERDRDFQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGNRSYVHWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*IL\*\*HLG\*HDLDGVGKRN\*ELHKRNIQLN\*RIAKPTRKE\*TRIIRTR\*MGKFVELV\*HNKLAVVYKNIHNGSRRLSRFKNNFYCTFYSE\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRERQRHIKTI

>B.-.FJ469750.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQGSQTHQADLSKQ\*VVNVMQPLQILAIVALVIGVIIAIVVWSIVFIEYRKILRQRKIDRLIEKIRDRAEDSGNESDGDLEELSALVEMGHLAPWDVNDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRCQSI\*PRGT\*CLGHTCLCTHRPQPTRSIIGKCDRKV\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CEKYY\*CQ\*YY\*CQ\*\*QQGSNGGRRNEKLLFQHHHKHKR\*DAKRICAFL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*HLSYYTGMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*GVQWNRTMYKCQHSTMYTWN\*ASNINSTAVKWQSSRRRGSN\*IRQFLGQY\*NHNSTAE\*NCRN\*LYKTQQQYKKKYNYRTRQSILCNRHNRKYKTSTLYH\*ESKME\*HFTKDSYKIRRTI\*EGKNSL\*SILRRGPRNCNAQF\*LWRGIFLLRFNTTV\*\*YLEYY\*RK\*HNHTRK\*NNHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LFIKYYRADINKRWW\*\*\*WDQ\*QY\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHHGKKKSGAERKKSSRTRSYVPWVLGSSRKHYGRSVTDTDGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*KSESDLE\*HDLDGVGKRN\*\*LHRLNICLD\*RIAKPTRKE\*TRIIGIRQMGKFVELV\*HNKLAVVYKNIHNDSRRPSRVKNSFYCNFYSE\*S\*EGILTIIVPDPPPSTEGTRQARRNRRRRWRERQRQIRSI

>B.2002.FJ469751.chronic

MEPVDPRLEPWKHPGSQPKTDCTNCYCKKCCFHCQVCFTKKGLGISYGKKKRRQRRRPPQNNQDHQVPLSKQ\*VIHVMTSLDRLTIVAIVALVVAAIIAIVVWTIVLIEYKKIRRQKKIDKLIDRIRERAEDSGNKSEGDQEALIEMRHHAP\*DVDNL\*CYTKFVGHSLL\*GTCVERSNHHSVLCIRCQSICHRGT\*CLGHTCLCPHRP\*PTRSIIKKCNRKF\*YVEK\*HSRTDA\*RYNQFIRSKPKAMCKVNPTLC\*VTLH\*CKEYY\*YQWY\*CQYQ\*CYYHPTSYYHQ\*\*YYQ\*\*\*WLGRDEKLLFQCHHTHKR\*GEERICSFL\*T\*FNANRK\*NYKLYVDKL\*HLNHYTGLSKDIL\*TNSHTLLCPG\*FCDSKV\*R\*EIQ\*NRTM\*KCQHSTMYT\*N\*ASSVNSTAVKWQSSRRRYSNQI\*KLFGQC\*NHNSASE\*LYTNSLYQTQQQYKKKCIFCAKKCIFYNRTNNKRYKTSILYH\*YNTIE\*HFRTGS\*KIKRTI\*EQNNNTL\*ATLRRRPRNYNAQF\*L\*KRIFLL\*YNTAV\*\*YLAI\*W\*LES\*YCYECYCRE\*\*YHTPVQNKTNYKQVAGSRKSNVCPSHQWIH\*LLIKYYRDNVN\*RWY\*\*N\*WERDLQTRRRKYEGQLEK\*IIQI\*SSKNRALRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVDHADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRNLGLLWKAHLHHYCALEC\*LE\*\*IFR\*HLE\*HDLDAVGERN\*KLHRHNIHIN\*NIAEPAGKE\*TRIIRI\*\*VGKFVEFG\*HNTMAVVYKNIHNDSSKXSKFKNSFYCAFYSE\*D\*AKILTIVIPDPLPNPERTRQARKNRRKQWRKRQRHIHSI

>B.-.FJ469752.chronic

MDPVDPNLEPWNHPGSQPKTACTNCYCKRCCMHCQVCFITKGLGISNGRKKRRQRRGAPQDRPTHQASLSKQ\*VVYVMNALIIAAIVALVVVAILAIAVWTIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVDMGHLAPWDANDM\*CCRKFVGYSLLWGTCVERSNHHSILCIRS\*SI\*\*RGT\*CMGHTCLCTHRPQPTRSSNGKCNRRF\*HVEK\*HGRPDA\*RYN\*FMGSKFKAMCKINPTLCYFTLR\*VE\*DWQ\*Q\*\*C\*YQQ\*\*DRGRRNEKLLFQYHYSHKR\*GN\*TICTFL\*I\*CNTTK\*\*\*CQSWEL\*VDKL\*LLSHYTGLPKDIF\*ANSHTLLYPSWFCNSKV\*\*QDV\*RKRTMYKCQHSTMYTWN\*ASSVNSTVVKW\*SGRRRDNN\*N\*QYLKQC\*YHNSTAE\*ICRNSLYKTLQQYEKKYIFRTRESNFCNRRYNRRHKASTL\*H\*\*NKLD\*HVTTGSNKIKGEI\*NKKYNL\*TTLRRGPRN\*NAQF\*LWRRIFLL\*YNKTV\*\*HLE\*HLG\*Y\*KYH\*RKYHTHMQNKTNYKHVAGSRKSNVCPSHQWMD\*LYIKYYRAAIDKGWWE\*NRRKRDLQTWRRKYDGQLEK\*TIQI\*SSKN\*TIRNSTHQGKEKSGAERKKSSGSTRSYVPWVLGNSRKHYGRSVNGADGTSQTSIVWYSAAAE\*SAEGY\*GATAYVATHSLGH\*AAPGKSPGCGEIPKGSTAPRGLGLFWKTHLHHYCALEY\*LE\*\*ISGYDLAKHDMDAVGKRN\*QLHRLNIHFAWGSADSTRKE\*TRIIRIR\*MGKFVELV\*HIKLAMVYKIIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTTIVADPPPSPAGTRQARRNRRRRWRERQRQIKTI

>B.2003.FJ469753.chronic

MEPVDPRLEPWKHPGSRPKTACTSCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRTPLGNQTHQVSLSKQ\*VVYVMQPLVIAAIVALVVAAILAIIVWSIVIIEYRKILKQRKIDRLIDRITERAEDSGNESEGDQEELSALMEMGHHAPWDVNDL\*CCRQLVGHSLLWGTCVERSNHHLILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNGIS\*CDRKF\*HVEK\*HGRADA\*GYNQSMGSKPKAMCKINPTLRYFKLH\*LQCH\*\*\*VYC\*CH\*\*H\*\*K\*GINELLFQDHRRHKR\*GGDKTCTFLYK\*SSTNE\*EGK\*G\*YQF\*VDKL\*HLSHYTGLSKGDL\*ANSHTLLCPGWFCDSKM\*\*\*DLQWKRTM\*QCQHSPMYTWN\*ASSINSTTIEWQFSRRRHSD\*I\*KYHRQC\*NHNSTAE\*NYTN\*LYKTLPQCKTKDTYRTRKSILCNKKN\*RRHKTSTL\*H\*YDKME\*HFREDSYKVKRTSGE\*NNSL\*PILRGGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLVY\*WYLEWY\*QNW\*YHTPMQSKTNCTHVAESRKSNVCPSHRRSN\*LFIKYYRAAINKRRW\*YR\*YQ\*CPD\*DFQTWRRKYEGQLEK\*II\*I\*GSKN\*TNRNSTHQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTGQIIIDWYSATTEKFADGY\*GATASVETHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLQHCCALEY\*LE\*\*ILQRYLE\*HNLDAVGKRN\*\*LHRNNILLNFRIAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRGLNRFKNSF\*CTFYSE\*S\*AGILTIIVSDPPPSLEGTRQARRNRRRRWRQRQRQIRSI

>B.2002.FJ469754.chronic

MEPVDPSLEPWKHPGSQPKTACTPCFCKQCCYHCQVCFITKGLGISYGRKKRRQRRRSPQGSETHQAPLSKQ\*VVYVMQPLQPLQIAAIAALVVVALIAIVVWSIALIEYRKILRQRKIDRLIDRITDRAEDSGNESEGDQEELSALMEMGHHAPWVVDDL\*CCR\*FVGHSLLWGTCVERSKHHPILCIRC\*STG\*RGT\*CLGNTCLCTHRPRPTRNKIEKCDRIF\*HMEK\*HGRPDAGGYNQFMGSKLKAMCKANSTLCCFKLQ\*LQYYKLQFE\*RQYSH\*CYY\*QYY\*YS\*\*SSLPYYEYRRNKKLLFQYHHRNRKNGEKL\*IIILY\*YSTNR\*G\*YYQL\*ADKL\*HLNHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*RYEIQWKWHM\*QSQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFLRQC\*NHNSAAERTCRN\*LYKTQ\*QYKKKYKYRTRASILCSRTNNRRYKTSIL\*H\*\*SKMGEHFKTGS\*KIRKTIWGEQNNDFY\*ILRRGPRNCDA\*F\*LWRGIFLL\*YNKTV\*\*\*LE\*QYLE\*H\*RVKYH\*PWRK\*HNHTPMQNKTDYKHVAESRKSNICPSHRRTN\*MYIKYYRAAIIKRWWYKCE\*DQRNLQTWRRRYEGYLEK\*II\*I\*SSKN\*TIRNSTQQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQFAEGY\*GSTTSVETHSLGHQAAPGESPGYRKIPKGSTAPGDLGLLWKAHLPHCCALEY\*LE\*\*ILGNNLG\*HDLDAVG\*RN\*QLHRLNIHFT\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKMAVVY\*NIHNDSRGLNRLKNSFCCTFYSE\*SQAGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.2003.FJ469755.chronic

MEPVDPRLEPWKHPGSQPKTPCTPCYCKQCCYHCQLCFITKGLGISYGRKKRRQRRRTHQGCQTDQVTLPKQ\*VVYVMKTLQIVAIVALVVAAIIAIAVWSIALIEYRKILKQRKIDRLIDRITERAEDSGNESDGDQEELSALMERGHLAPWDVNDL\*CCRAIVGHSLLWDTCVERSNHHSILCIRC\*NL\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCEINPTLCHFKLH\*\*IR\*YY\*YQ\*KQQGNDGGRNEKLLFQYHL\*HKR\*DAKRICTFL\*T\*CSTIR\*QR\*Y\*L\*VDKL\*HFSPYTGLSKGNL\*SNSHTLLCPGWFCDSKM\*\*\*NVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGNN\*I\*KFHKQC\*KHNSTAK\*TCIN\*LYKTQQQYKKKYKYRTRESILCNRRHNRRYKTSTL\*H\*\*DRME\*CFRKDS\*QIKRAI\*E\*NNNL\*SIFRRGPRNYNAQF\*LSRGIFLL\*YNTTV\*\*YLDRE\*YCRRKGKWHTYTPLQNKTNCKPVAGSRKSNVCPSHLWTN\*LFIKNYRDDLNKRWWYKTEQRE\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*TTRSSTHQGKEKSGAERKKSSGPRSLVPWVLGSSRKHYGRSVSDADGTGQTITVWYSAAAK\*LAEGY\*GATAYVATHSLGHQAAPGKSPGSGKIPKRSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IS\*YHLE\*HDLDAVGKRN\*QLHRLNIQLT\*RIAKPTRKE\*KRIIRTR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFYCIFLSK\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRQKQRQIHSL

>B.-.FJ469756.chronic

MEPVDPNLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDGQTHQVSLSKQ\*VVHVMQPLVIYAILALVVGVIIAIVVWSIILIEYRKILRQRRIDKLLDRIRERAEDSGNESDGDEEQLSALVERGHLAPWDINDM\*CYRKFVGHSLLWGTCVERSKHHSILCFRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKFQHVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCCFKLY\*CHCYWC\*CHCY\*YH\*NEELFFLYRPNYNREEAERKCTFLYT\*CSTNR\*\*S\*Y\*L\*VDKL\*HLKDYTGLPKNKL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRTM\*KC\*HSTMYTWN\*ASSINSSAAKWQSSRRRDSN\*I\*KSHRQY\*NHNNTSE\*NCKHYLCKTQQ\*YKKKYTYRTQECTLCNRGHNRRYKTSTLQH\*\*SRLE\*HFTKDS\*KIKRTI\*E\*NNSL\*SLLRRGPRNCKAHL\*LCRGIFLL\*VISIV\*\*YLAC\*WYYGKDK\*Q\*KYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRANINKRWW\*Y\*CHKWKWE\*DLQTWRRKYEGQLEK\*TI\*NTK\*YKIEPIRNSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGPTAPGDVGLLWKIHLHH\*CALEH\*LE\*QISG\*YLEEHDLDAVGKRN\*HIHRHNIHLTYRIKNATR\*E\*TRFIGIRSMGKLVELV\*HNKMAVVYKNIHNGSRRLSRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRQRQRQIHTL

>B.2002.FJ469757.chronic

MEPVDHRLEPWKHPGSQPKTACNNCYCKRCCFHCQVCFTKKALGISYGRKKRRPRRRTPQDSQTHQVPLSKQ\*VIYVMQPLVILAIVALVVAAIIAIVVWSIVFIAYRRILKQRKIDRIIDRIRERAEDSGNESEGDQEELLMEMGHLVEMGHDAPWDVNDL\*GYRTIVGHSILWGTCVERSNYHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*CVEE\*HGRSDA\*GCNQFMGSKPEAMCKINPTLCYLELQ\*L\*GEYY\*TEYNNEGGKRRNKKLHFQDHHRHKR\*DAKRICTFL\*T\*YNTNRGR\*\*\*\*\*\*\*\*C\*\*\*\*\*\*C\*LY\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPSWFCDSKV\*\*\*NIQWKRTMYKCQHSTMYTWH\*ASSINSIAVKWQSSRRRCSN\*ICQFLEQC\*NHNSTAESVFRN\*LYKTQQQYKKKYTYGTRESMVCSRRNSRRYKKSTL\*H\*WDKMEEHPKTDS\*KIRRPI\*E\*NNNNL\*SLLRRGPRNCNAHVYLWRGIFLL\*FLTTVQ\*YLE\*D\*RDLE\*C\*RVKLH\*WK\*HNHTPMQNKTIYKHVAGSRKSNVCPSHQRAT\*LFIKDYRVAINKRWCERHRQK\*DFQTSRRGYEGQLEK\*II\*I\*SSKN\*TVRDSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSINNADGTGQTITVWYSATAEQSAEGY\*GATPSVATHSLGHQAAPSESPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NYDRDLGEHDLDAVGERN\*QLHRHNIHPN\*RSAKPTRTE\*TRITSIR\*MGKFVELVQHNKLAVVYKNIHNDSRRINRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.2002.FJ469758.chronic

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQGSQTHQGSLSKQ\*VVNVMLPLQIAAIVALVVTAIIAIVVWSIVLIEYRKILRQRKIDRLLDRIVERAEDSGNESDGDQEELSALMERGHLAPWDVNDL\*CCGKFVGHSLLWGTRVERSNHHSILCIRC\*SL\*SRGT\*CMGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKTNPTLCYSKLH\*LHWG\*YYYH\*YYS\*CP\*YYSH\*\*\*LGKDGDRRNNKLLFQYRHQHKR\*GAERTCAFL\*T\*YSIYR\*\*\*Y\*L\*EL\*VDEL\*HLSHYTGLSNGNL\*ANSHPLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSIHSITVKWQSSRRRCSN\*IFQFHRQC\*KHTSAAEGICKN\*LYKTQQQYKKQHTYGTRQSIVYNKNNREYKTSTL\*H\*\*NRME\*HSKTDS\*EIKRTIWE\*NNSL\*SLLRRRPRNCNTQF\*LCRGIFLL\*YNTTI\*EYLAG\*\*YLAGRVK\*L\*RE\*HNHTPMQNKQI\*TCGWK\*EKHVCPSHINN\*MFIKYYRADINKRWWTWW\*\*\*\*\*\*CEQNRDIQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGPRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGYQAAPGKSPGCGKIPKGSTAPGDLGVLWKTHLHHCCALE\*\*LE\*\*IYGLHLG\*HDLDAVGKRN\*ELHRLNIQLN\*GIAKPTREK\*TRIIGIR\*MGKFVELV\*HIKLAVVYKTIHNDSRRLDRFKNSFCCNFYNK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWREKQRHIRLL

>B.2003.FJ469759.chronic

MEPVDPSLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQHSQTHQVSLSKQ\*VAYVMQYLQILAIVALVVTAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSGLMEMGHHAPWDIDDL\*CCRTIVGHGLLWGTCVERSKHHSILCIRC\*STGDRGA\*YLGHTCLCTHRPQPTRSTIAKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCRINPTLCYFTLH\*\*CKLH\*LFEK\*Y\*YHQY\*RGNSGERRNEKLLFQYHHKHKR\*GAERICTFL\*T\*CNTNR\*Q\*G\*\*\*LYVDKL\*HLSH\*TGLSKGNL\*TNSHTLLCPGWFCDSKV\*R\*KVQWDRTMYKCQHSTMYTWN\*TSSINSTAVKWQSSRGRGSNQI\*KFYEQC\*NHNSTAE\*ICRN\*LYKTLQRHKNKTYAYRTRQNILYNRRNSKTSIL\*HQ\*NKME\*HFKTDSYKIRKTI\*\*\*NNSL\*PVLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLE\*YWVK\*HRRK\*YNHHPMQNKTIYKHVAESRKSNVCPSHQKKH\*LYIKYYRVAINKRWW\*\*REQYH\*DLQTWRRRYEGQLEK\*II\*I\*SSKT\*TIRSSTH\*GKEKSGAERKKSIGTRSSVPWVLGSSRKHYGRSVSDADGTGQTINVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGESPGCGKIPKGSTAPTDLGLLWKTHLHHCCALEY\*LE\*\*ISRSDLAKHDLDAVGKRN\*\*LHKHNIYLNRRIAISTRKE\*TRIIAIR\*MGKFVELV\*HITMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIVVPDPPPSTEGTRQARRNRRRRWRERQRQIRSI

>B.2002.FJ469760.chronic

MEPIDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQDSETHQSSLSKQ\*VVHVMQSLQILAVVALVVVAIIAIVVWAIVFIEYRKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSAIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFRLQ\*YH\*Q\*H\*CYQ\*Y\*RGNNRERRNKKLLF\*HHHKHRKS\*GAERLCTFF\*T\*CSTNG\*W\*YQL\*VNKL\*HLSHYPGLSKGIL\*ANSHTLLCPSWFCDSKM\*R\*EVQWNRTM\*KC\*HSAMHTWN\*ASSINSTAVEWQSSRRRGSN\*IQQFHGQC\*SHNSTAERTYRN\*LYKTQQQYKKKYTYSTRQCTVYNRYNRRYKTSTL\*H\*\*SKME\*YFRTDSYKVKRTI\*\*NNNLQSILRRGRRNCNAQF\*LWRGIFLL\*FNKTV\*\*YLAT\*\*YCE\*YYRVK\*Q\*YHSSPMQNKTNYKHVATSRKSNVCPSYQRKN\*MFIKYYRADINKGWWWWCKRDHQERDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSRGTRSHVPWVLGSSRKHYGHSVTDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISKSDLG\*HDLDGVGKRN\*\*LHKQNI\*LNRTIAKPTRKE\*TRIIGIR\*LGKFVELV\*HIKLAVVYKNIHNGSSRLSRFKNSFYCAFYSE\*S\*AGILTIVVPDPPPSNEGTRQARRNRRRRWRERQRQIRSI

>B.-.FJ469761.chronic

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPQNSQTHQDSLSKQ\*VVYVMQSLYIVSIVALVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIREREEDSGNESDGDQEELSALVEMGHHAPWDVNDL\*GCRKVVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*YH\*\*C\*\*YRY\*CY\*\*\*LGTADGGRRNKKLLFQYHHKPKR\*DATICAFL\*I\*FSSIN\*\*G\*\*\*L\*IDRL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKVQG\*EIQWNRTMYKCQHSTMYTWN\*ASSINTTAVKWQSSRRRDSN\*IQQFHRQY\*KHNSTAECICSN\*LYKT\*QQYKKKDVYRARQSSLYNRTNNRRYKKSTL\*H\*\*NTMD\*HFRTDSYKIKRTIWEK\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*LNKTV\*\*YLEC\*WYWGRVK\*HWR\*\*\*YHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*\*HE\*D\*ARDLQTWRRKYEGQLEK\*II\*IQSSKD\*TVRSSTHQGKEKSGAERKKSSGISRSYVPWVLGSSRKHYGRSGNDADGTSQTIIVWYSATAEQFAEGY\*GATTFVATHSLGHQAAPGKNPGCGKIPKGPTAPGNLGLLWKTHLHHYCALEH\*LE\*\*ISESDLAKHDLDGVGKRN\*\*LHKLNIHLN\*RIAKPARKE\*TRIIGIRQMDKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFYNK\*S\*AGILTLVVPDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.2002.FJ469762.chronic

MEPVDPSLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPEDSQIHQASLSKQ\*VVYVMQPLNIVVILAFVVVTIIAIVVWSIVFLEYRKILRQRKIDRLINRLIERAEDSGNESDGDQEELSALVEMGHHAPWDVNDL\*\*CRTIVGHSVLWGTCVERSNHYSILCIRC\*RI\*NRGT\*CLGHTCLCTHRSQPTRSKIGECNRKF\*HVEKWHGRTDA\*GYNQFMGSKPKTMCKINPTLCYFNLHCFECYECYSSQL\*LPHQ\*\*RGNEKLLFQCHHKHKR\*GEKRICTFLYT\*YSTNRK\*QY\*L\*VDKL\*HLSHYPGLSKDVL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWIRTMYKC\*YSTMYTWN\*ASSINSITVKWQSSRRRGSN\*ICKFHRQC\*NHNSTAE\*NYRNYLYKTQQQYKKRYKYRARESIICNRSHNRKYKTSTL\*H\*WNKME\*NFGTGSDKIKRTIRE\*DNSL\*TTLRRGPRNCNALFQLWRGIFLL\*YNTTV\*\*YLD\*\*\*YYRVK\*HKRNYHTPMQNKTNYKYVARSRKSNVCPSHQWIN\*M\*IKYYRAAINKRWW\*\*E\*QRD\*DRNL\*AWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGIRSFVPWVLGYSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IYE\*DLG\*YDLDTVGKRNWQLHRLHILLA\*RIAKPTRKE\*TRFIGIGQMGKFVELV\*HNTLAVVYKIIHNDSRRLNRFKNSFYCTFYSK\*S\*AGILTLIVSDPPPNPEGTRQARRNRRRRWRERQRHIQTI

>B.-.FJ469763.chronic

MEPVDPRLEPWKHPGSQPRTACTSCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQVSLPNQ\*VVHVMNSLQIAAIVALVVGIIIAIVVWSIVLIEYRKILRQRKINKLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRKKVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKRDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FVKKCFLCH\*Y\*RGGKRNEKLLFQCHHKHKR\*GEKRICTFL\*T\*SSTNRK\*\*E\*\*Y\*\*F\*L\*VDKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWFCDSKV\*G\*EVQWNRTVYKCQHSPMYTWNQASSINPTAVKWQSSRRRGSN\*V\*KFHE\*C\*NYNSAAE\*NCRN\*LYKTQQQYKKRYTYRTRESILYNRRNNR\*YKTSTL\*H\*\*KRLG\*HSTTDS\*QIKRTIWE\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNITVQ\*YLG\*\*WY\*TTVQWYWG\*\*HHNHTPMQNKTNYKLVAGSRKSNVCPSHQRTN\*MFIKYYRTSINKRWW\*HERDHQQDRGLQTCRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNNRSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGESPGCGKIPKGPTAPGDLGLLWKTHLHHCCALE\*\*LE\*\*NPE\*DLG\*HDLDAVGKRN\*QLHTRNI\*IN\*RIAEPTRKE\*TRIIRIR\*MGKFVELV\*HIKLAVVYKNIHNDSSRLGRFKNSFFCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRQRQRQIRSL

>B.2003.FJ469764.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTKKALGISYGRKKRGQRRRTHQDSETHQTHLSKQ\*VVYVMQASVIYVIIAFIVALIIAIVVWSIILIEYRRILRQRRIDRLLDRIRDRAEDSGNESEGDMEELSGLVEMGHDALWVVNDL\*C\*RTIVGYGLLWGTCVERSKHHSILCIRC\*GT\*YRGT\*CLGHTCLCTHRPQPTRSSIRKCDRKFQHVEK\*HGRTDA\*GYNQSMGSKPKAMCKINSTLCYFKLH\*CHCLY\*CHCLY\*CHC\*ERTIKGNEKLLFQCHLRHKR\*GKKRICTSL\*T\*YSTNRR\*\*\*Y\*L\*VDKL\*YLSHYTGLSKNIL\*ANSHTLLCPGWFCDSKM\*\*EEVQWYRTM\*KCQHSTMYTWN\*ASGIHSTAVEWQSSRRRGSN\*I\*KFHKQC\*NHNSTTE\*ICRN\*LYKTQQQYKKKYTYRTRESILCNRRDNRKYKTSTLQP\*\*IKMGKHFKTGSQKIKRTI\*E\*NNSL\*SIIRRGPRNCNAQF\*LWRGVFLL\*YNRTV\*\*DFQ\*\*YLEWC\*HKLHRKWK\*HTHNPMQNKTNYKHVAGSRKGNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*QQH\*Q\*DLQTCRGRYEGQLEK\*II\*I\*SGKN\*TIRSSAHQGKEKSGAKRKKSSGNRSSVPWVLGSSRKHYGRSITDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISRQDLA\*HDMDAVGKRN\*KLHRLNIHFN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIHNNSRRLNRLKNSFYCAFYSE\*C\*EGILTIIVPDPQPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2003.FJ469765.chronic

MEPVDPSLEPWKHPGSQPKTACTPCYCKQCCFHCIVCFTKKGLGISYGRKKRRQRRRPPQDSEAHQVSLSKQ\*VVHVMQTLSILAIVGLVVVGIIAIIVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHQAHHAPWDIDDL\*CCRSIVGHSLLWGTCMERSNHHSILCIRR\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*YGRPNA\*GYNQFMGSKLKAMCKINPTLCYLKLH\*CEE\*CY\*\*Q\*\*\*LDKRRNEKLLFQCHLKCER\*DAERICTSLST\*YSTNR\*\*E\*YQL\*VDKL\*HLIHYAGLSKGILSANSHTLLCPGWFCDSKV\*\*\*AVQWVRTM\*KC\*HSTMYTWN\*ASGVNSTAVKWQSSRKRGSN\*I\*KFHKQC\*NHNSTTE\*NYRN\*LYKTQQQYKKKYKCRAREGNLCNRRHNRRYKTSTL\*C\*\*SKME\*NFTTDS\*KIKRSI\*E\*NNNL\*WILRRGPRNCNAQS\*LWGGIFLL\*FNTTV\*\*YLGC\*GS\*\*D\*GRGK\*H\*\*NYHTPMQNKTNCKYVAASRKGNVCPSHQRTN\*MLIKYYRTAINQRWW\*QQ\*QY\*DLQTWRGRYEGQLEK\*IIQI\*SSKN\*TIRNSTHQGKKKSGAERKKSSNFRSYVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISGCNLG\*HDLDAVGKGN\*QLHRHNIQSN\*RIAEPTRKE\*TRLIGIGSMGKFVELV\*HIKLAVVYKNIHNDNRRLDRFKNSFCCAFYSK\*S\*AGILTFIVSDPPPNPEGTRRARRNRRRRWRERQRQIRSI

>B.-.FJ469766.chronic

MDPVDPKLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQDRQVSLSKQ\*VVYVMQSLEIYAIVAIVVAIILAIVVWSVVFIEYRKILRQRKIDRLLDRISERAEDSGNESEGDQEELSALVETGHHAPWDVNDL\*CCRTIVGHSLLWGTCVERSNYYSILCIRC\*STG\*RSA\*CLGHTCLCTHRPQPTRSSIKYNRRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLYYFKLH\*F\*CYCECY\*YQ\*CYWGC\*\*YQ\*\*\*RDSDEGKRNEKLLFQYHHKHKR\*GAERICIVL\*T\*SSTNR\*CYQV\*VDKL\*HLSHYTGLSKGIL\*ANSNTLLCPGWFCASKV\*\*\*EVQWKRIM\*KCQHSTVYTWD\*TSSINSTAVKWQSSRRRDSN\*I\*QFHKQC\*NHNSTVERICRN\*LYKTQQQYKKKYTYGTRESILCNRRCNR\*YKTSTL\*H\*\*SKMGEHFKTDS\*KITRTICE\*NNIL\*WILRRRPRNCNAQL\*LWRGIFLL\*FNTTVQ\*YLA\*E\*YCRVK\*H\*KK\*HNHTPMQNKTNYKHVAGGRKSNVCPSHQRTN\*MFIKDYRAAINKRWWQ\*RDY\*GGLQTWRRRYEG\*LEK\*II\*IQSGKN\*TIRSSTHQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*NA\*RHLE\*HDLDAVGKRN\*QLHRLNIQPT\*KIAEPTRKE\*TGIIGVR\*MGKFVELV\*HNTLAVVYKTIHNDSRRLDRFKNNFCCTFYSK\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRWIRTI

>B.-.FJ469767.chronic

MEPVDPSLEPWKHPGSQPATPCTNCYCKRCSFHCQKCFLTKGLGIFYGRKKRRQRRRTPPDSQTHQVSLSKQ\*VVHVMPSLYIWTIVALVVAAILAIVVWSIVIIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVERGHLAPMGNHAPWDVDDL\*CYRYVGHSLLWGTCVERSNHYSILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GHNQFMGSEPKAMCKINPTLCNFKLH\*QLEEYY\*\*CHYYE\*CQYY\*\*CHY\*GARRNKKLLFQYHYKYRR\*EEGRTCAFL\*T\*CSTNRGK\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*SNSHTLLYPGWFCNSKV\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSVNSAIIKWKSSRRRDNN\*I\*KSHEQC\*NYNSTSE\*ICRN\*LYKTQQ\*YKKKYTYRTRESILCNRRHNRKYKTSTL\*H\*\*SKMEQNFKTDS\*KIKRTF\*\*KYNL\*SLLRGGPRNCHAQF\*LWRGIFLL\*YNTAV\*\*YLEYNYSG\*LE\*NYLEYY\*NYHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MCITYYRAAINKRWG\*\*\*\*FYKRD\*GLQTWRRRYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGH\*TAPGKTPGCGKILKRSTAPRDLGLLWKTHLHHCCALEC\*LE\*QVSGGYLG\*HDLDGVGQRN\*QLHKSHILLT\*RIAEPAGKE\*TGIIGIG\*VGKSVELV\*HNKLAVVHKNIHNDSRRLSRFKNSFCCTFYSE\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRERQRRINSI

>B.-.FJ469768.chronic

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCFHCQVCFMDKGLGISYGRKKRRQRRRAPQDNQAHQVSLPKQ\*VVNVMQPLVIVGIVALVVASIIAIVVWTIVFIEYKKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVERGHLAPWNIDDL\*CCGKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCDRIF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKMH\*LQCY\*YHW\*\*RGNDGERRNEKLLFQYHHKHKR\*DEERICIFL\*P\*YSTNRG\*\*Y\*L\*VDKL\*HLSHYTGLSKDNL\*ANSHTLLCPGWFCDSKM\*Q\*NLQWNRTMYKCQHSTMYTWN\*ASCINSIVVKW\*SSRRRGSN\*IQQFHRQC\*SNNSTAE\*NCRN\*LYKTQQQYKKKYTYRTRQSILCNRSNNRRYKTSTL\*H\*WNKME\*HFKTDSYKIKRTI\*KCHNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLGFSTTI\*\*YLEWHERK\*HDNRTPMQNKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRADINKRWW\*\*H\*QD\*DLQTWRRRYEGQLEK\*II\*I\*SS\*N\*TIRNSTHQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNDADGTGQTTVVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISRSDLGEHDLDGVGKRN\*\*LHRHNIQLN\*KIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNNFCCTFYSK\*S\*AGILTITVPDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.-.FJ469769.chronic

MEPVDPSLEPWKHPGSQPRTACTKCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRAPQGSENHQVPLSKQ\*VVHVMQSLEILAIVALVVAGLIAIVVWSIVFIEIRRILRQKKIDRIIDRIRERAEDSGNDSEGDQEELSALVEMGHQAHDAPWDVDDL\*CYRTIVGHSLLWSTCVERNNHHSVLCIRC\*SI\*YRGT\*CLGHTCLCTHRPHPTRSGIGKCDRKF\*YVEEWHG\*TDAGGCNQFMGSKPKTMCKVNPTLCYFKLH\*VV\*CH\*F\*YHSL\*EYP\*G\*SHGNVGGRRNKKLLFQNHHKHKR\*VSERICAFS\*T\*CSTNTRR\*Y\*\*Y\*L\*VDKL\*HLNHYTGLSKGIL\*TNSNTLLCPGWFCDSKV\*\*\*DIQWNRTMYQCQHSTMYTWH\*ASSINSTAVKWQPSRRKGST\*ISQLHRQC\*NYNSTVA\*TCTNKLYKTQQQYKKRCTYRTRQSILCNRTNSRRYKTGTL\*H\*\*SRLE\*HFKTDS\*RIKRTIWE\*NNGF\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTIV\*QYVECY\*YVEHY\*RVRKYHNQNHTPMQNKTSYKLVAGSRESNVCPSHPRTN\*MLIKYYRAVINKRWW\*GH\*N\*K\*H\*DLQTRRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERQKSSGNRSCTPWVLGSSRKHYGRSVNSADGTGQTITVWYSATAEQLAEGY\*GATASVATHSLGHQAAPGKSPGSGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*KSE\*DLG\*HDLDGVGKRN\*\*VHKHNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNIHNNSS\*LSRFKNSFYCIFSSK\*S\*EGILTIVIPDPPPSQEGTRQARRNRRRRWRERQRRIQSI

>B.2003.FJ469770.chronic

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCFHCQVCFIRKALGISYGRKKRRQRRRPPQDSETHQTPLSKQ\*VVHVMQTLEALAIVALVVAAIIVIVVWTIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESEGDHEELLMELGHDAPWDINDL\*CRQFVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRGT\*YLGHTCLCTHRPRPTRSRLDKCDRRV\*HGEK\*HGRPDA\*GYNQSMGSKPKAMCKINPTLCYFKLH\*CWE\*H\*YYHGRERRNKKLLLQYHHSDER\*GAETICNF\*\*S\*CDTNKGG\*\*YQ\*DQLFQL\*VEKL\*HLNCYTGLSKNIL\*TNSNTLLYPSWFCDSKM\*R\*AVQWNRTMYKCQHSTMYTWN\*ASSINSAAVKWQSSRRRSSN\*IRKFHKQC\*KHNSTAERTCRN\*LYKTQQQYKDKCTSRTRESILYNRRYNRRYKTSTL\*H\*WNKME\*HFIQDS\*KIKRKI\*E\*NNSL\*SILRRGPRNCNA\*F\*LWRGILLL\*FNTTV\*\*YLECYYRVT\*QGRKWHDHTPM\*NKTNYKYVAGSRKSNICPSHRRTNYLFIKHYRANINKRWW\*CDGPGRNLQTRRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKRSGTRSFVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*ISRADLG\*YDLDAVGKRN\*QLHRLNIYLT\*KFAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGIFTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.-.FJ469771.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCIVCFTTKGLGISYGRKKRRQRRRSPQGSQTNQVSPSKQ\*VVHVMQTLQIVAIVALVVVAIIAIVVWSIVFIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*C\*TIVGHSLLWGTCVERRSHHSILCIRC\*SI\*YRST\*CLGHTRLCTHRPHPTRSSIGKCDRRI\*HGEK\*HGRTNA\*GYN\*VMGSKPKAMCKTNPTLCYFKLY\*LFEE\*YQ\*\*YGE\*YQ\*CY\*\*Q\*\*YERRNKKLLFQYYHSHKG\*GTKTICTF\*\*T\*CSTNR\*\*\*\*YL\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDYKM\*Q\*KVQWNRKM\*KCQHSTMYTWN\*ARSINSTAVKWQSSRRRGSN\*ICQFHGQC\*EHNSTAERPCNN\*LYKAQ\*QYKKRYPYRTREGILCNRRNNRRYKTSTL\*PE\*DTME\*HFRTDS\*SIKKTIWE\*NNSF\*SILRRGSRNRNAQFYLWRGIFLL\*YNTIV\*\*YLE\*K\*YLE\*Y\*KDK\*H\*KHYHTPMQDKTNYKHVAESRKSNVCPSHPRTN\*MFIKYYRDDINKRWG\*\*KQQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKESGAKRKKSSGTRSCVPWVLGNSRKHYGRSGSDADGTGQTIIVWNSAAAEQFAESY\*GTTASVATHSLGHQAAPGKSPDSGKIPKGSTAHGDLGVLWKTHLHHYCALEC\*LE\*\*ISG\*NLG\*HDLDGVG\*RN\*QLHTINIQLN\*KIAKPAGKE\*TRIIGIGQMGKFVELV\*HNKLAVVYKNIHNNSRRLGRFKNSLYYTFCSE\*S\*AGILTIIVSDPPPSPKGTRQARRNRRRRWRKRQAQIRKI

>B.2004.FJ469772.chronic

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSETHQASLSEQ\*VVNVMQPLQILAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDQLIERIRDRAEDSGNESDGDQEELSALVERGQLVEMGHHAPWDIDDL\*GCRRFVGHSLLWGTCVERRKHHSILCIRC\*SI\*\*RDAQCLGHTCLCTHRPQPTRSSIGKCDRKF\*HVGQRHGRSDA\*RYNQFMGSKLKTMCKINPTLCYFKLH\*CCP\*\*\*CHQYYW\*C\*\*RRNEKLLFQYHHKPKR\*GAERTCIFL\*I\*CNTNR\*\*\*\*\*YQL\*VDKL\*RLKSYTGLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWIRTMYKCQHSTMYTWN\*ASSINSIAVKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRICRNYLFKTQQQYKKKYTYGTR\*RILCNRRHNRRYKTSTLQH\*\*IKLD\*HFRTDS\*KIKRTIWE\*\*NNKLYSPLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLA\*Q\*\*Y\*KWDY\*RHYHTPLQNKTNYKHVARNRKSNVCPSHQWTN\*VLIKYYRATINKRWWWWERDRDQYRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TLRNSTHQGKEKSGAEGKKSSGNRSYVPWDLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVETHSLGHQAAPGKSPSCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSDGNLGKHDLDAVGKRN\*TVHIRHIHLNCRIARPARKE\*TRIIRIR\*MGKFVELV\*HNKLAVVYKNIYNDSRRLSRFKNSFYCTFCSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRHIKTI

>B.2006.FJ495818.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495819.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQGHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYXLLCPGWXCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFTVLSIVNRVRQGYSPLSFQTHLPAQRGPDRPEGIGEEGGERDRDRSDPL

>B.2006.FJ495820.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495821.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495822.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495823.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*LLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495824.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495825.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495826.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGERRSKKLFFQGHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRXRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495853.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNQSDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RENDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495854.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*NDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHEKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCTLEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495855.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RENDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495856.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRQMHEDIISLWDQSLKPCVKLTPLCVTLNCTDLGNVTNTTNSNGGMMEKGEVKNCSFKITTDIKDRTRKEYALFYKLDVVPINDTRYRLVSCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDKQFIGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSVNFSDNAKTIIVQLNKSVEITCTRPNNNTRKSIPMGPGKAFYARGDITGNIRKAYCEINGTEWHSTLKLVVEKLREQYNKTIVFNRSSGGDPEIVMYSFNCGGEFFYCNSTKLFNSTWPWNDTKGSHDTNGTLILPCKIKQIINMWQGVGKAMYAPPIEGKIRCSSNITGLLLTRDGGYESNETDEIFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAFGLGAVFLGFLGAAGSTMSAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTTVPWNTSWSNKSLEQIWDNMTWMEWEREIDNYTGYIYQLIEESQNQQEKNEQELLALDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTHLPAQRGPDRPEGIGEEGGERDRDRSDPL

>B.2006.FJ495857.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRESY\*YH\*\*\*RENDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAESRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495858.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RENDGEGRSKKLFFQDNHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495859.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDFKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*HNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495860.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RENDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGLFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQWD\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495861.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RENDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSS\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQKQIRSI

>B.2007.FJ495870.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RDNNGKGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRREIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSRRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKK\*TRIIGIE\*MGKFVELV\*HNKLAVVYKNIHNNSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWSERQRQIRSI

>B.2007.FJ495871.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVISKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRD\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.FJ495872.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGVCTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQLQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWILGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.FJ495873.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCTRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.FJ495874.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGVCTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.FJ495875.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGVCTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.FJ495876.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGVCTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSILCN\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.FJ495888.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRNKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WQTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.FJ495889.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIKYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTGVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKM\*QKILICGKITW\*NRCMRI\*SVYGIKA\*NHV\*N\*LHSVLL\*IALI\*GMLLLPLIVTGH\*WRREK\*KTVLSRSPQT\*KIERGRNMHFFINLM\*YQ\*MIPDIG\*\*AVTPQSLHRPVQRYPLSQFLYIIVPRLVLRF\*SVMISNSLEQDHVQMSAQYNVHMELGQ\*YQLNCC\*MAV\*QKKR\*\*LDQSISVTMLKQ\*\*YN\*INL\*KLIAQDPTTIQEKVYPWDQGKHFMQEET\*\*ET\*EKHLVNLMEQNGIAL\*NW\*LKN\*ENNIIKQ\*SLIAPQEGTQKL\*CTVSIAEGNFSTVIQQSCLIVLGLGMILKGHMTLMAHSYSHAE\*NKL\*TCGRE\*EKQCMPLPSKEKLDAHQTLQDCY\*QEMVVTRAMRLMRSSDLEEEI\*GTIGGVNYINIK\*\*KLNHWE\*HLPRQRGEWCRGKKEHLD\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CNSRTIC\*GLLRRNSICCNSQSGALSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLRCLGILVGVINLWNRFGIT\*HGWSGKEKLTIIQATYTN\*LKNRRTNKKRMNKNYWHWINGQVCGIGLT\*QTGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYHFRPTSQPRGDPTGPKESEKKVERETETDPIH\*

>B.2007.FJ495890.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHGNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.FJ495891.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRESY\*YH\*\*YRENDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.FJ495892.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.FJ495893.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGNINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNRNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WQTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRD\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDNRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.FJ495894.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDKIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHGNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.FJ495895.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDREELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*LLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.FJ495896.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQLMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.FJ495897.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHGNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPPHRRNN\*MLIKHYRTVINKRWWLREQ\*N\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.FJ495898.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHGNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFRLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.FJ495899.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNRNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WQTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495911.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*KNNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495912.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495913.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495914.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGRVLAVERYLKDQQLLGIWGCSGKLICTTTVPWNTSWSNKSLEQIWDNMTWMEWEREIDNYTGYIYQLIEESQNQQEKNEQELLALDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTHLPAQRGPDRPEEIGEEGGERDRDRSDPL

>B.2006.FJ495915.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGQARQLLSG\*CNSRTIC\*GLLRRNSICCNSQSGALSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCLGILVGVINLWNRFGIT\*HGWSGKEKLTIIQATYTN\*LKNRRTNKKRMNKNYWHWINGQVCGIGLT\*QTGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYHFRPTSQPRGDPTGPKESEKKVERETETDPIH\*

>B.2006.FJ495916.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495917.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495918.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKNCSFKITTDIKDRTRKEYALFYKLDVVPINDTRYRLVSCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDKQFIGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSVNFSDNAKTIIVQLNKSVEITCTRPNNNTRKSIPMGPGKAFYARGDITGDIRKAYCEINGTEWHSTLKLVVEKLREQYNKTIVFNRSSGGDPEIVMYSFNCGGEFFYCNSTKLFNSTWPWNDTKGSHDTNGTLILPCKIKQIINMWQGVGKAMYAPPIEGKIRCSSNITGLLLTRDGGYESNETDEIFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAFGLGAVFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTTVPWNTSWSNKSLEQIWDNMTWMEWEREIDNYTGYIYQLIEESQNQQEKNEQELLALDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTHLPAQRGPDRPEGIGEEGGERDRDRSDPL

>B.2006.FJ495919.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDGKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495920.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495921.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495922.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495923.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.FJ495924.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAVLGLGMILKGHMTLMAHSYSHAK\*NKL\*TCGRE\*EKQCMPLPSKEKLDAHQTLQDCY\*QEMVVTRAMRLMRSSDLEEEI\*GTIGGVNYINIK\*\*KLNHWE\*HLPRQRGEWCRGKKEHLD\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CNSRTIC\*GLLRRNSICCNSQSGALSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCLGILVGVINLWNRFGIT\*HGWSGKEKLTIIQATYTN\*LKNRRTNKKRMNKNYWHWINGQVCGIGLT\*QTGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYHFRPTSQPRGDPTGPKESEKKVERETETDPIH\*

>B.2006.FJ495937.acute\_infection

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKDDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKTPKGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ495939.acute\_infection

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPRGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ495940.acute\_infection

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPKGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ495941.acute\_infection

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPKGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ495942.acute\_infection

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPKGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ495943.acute\_infection

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKRRSRNRSXGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPKGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2007.FJ495956.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKRCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTMA\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPKGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQQI

>B.2007.FJ495959.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*GFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*KTMG\*HFTEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWH\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPKRPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQQI

>B.2007.FJ495960.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISHGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*GFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*KTMG\*HFTEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWH\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEKVNYINIR\*\*KLNH\*E\*HPPGQREEWCREKKEE\*E\*ELWSLGSWEQQEALWAQHQ\*C\*RYKPDNCCLV\*CNSRTIC\*ELLRRNNICCNSQSGASSSSRQESWLWKDT\*ATNSSWEFGAALENSFAPLLCLGMLVGVTNPIQRFGIT\*PG\*SGKEKLTITQGKYTG\*LKNRKTNKKGMKKTYWN\*TNGQVCGIGLTYQNGCGI\*KYS\*\*\*\*EA\*\*VLE\*FLLYFL\*\*IELGRDTHHYHFRPASQQRGDQTGPKESKKTVERETETDPTD\*

>B.2006.FJ495964.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRRILKQKKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKM\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPKRPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ495965.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPKGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ495966.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPKGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ495967.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKTPKGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ495968.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCNSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKTPKGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQIQIQRI

>B.2006.FJ495969.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHT\*NRQ\*YPLTAVNGSLAEKDIVLRSANFTNNAKTIIVQLNESVIINCTRPNNNTRKSITIGPGRAFYATGDIIGDIRQAHCNLSREQWNNTLKKIVTKLREQFNKTIIFKSPSGGDPEIVQHTFNCGGEFFYCDTKQLFNSTWNATKANGTTGNDTIILPCRIKQIINMWQKVGKAMYAPPIKGKISCSSNITGLLLTRDGGGGGQNETFRPAGGDMRDNWRSELYKYKVVKIEPLGVAPTRAKRRVVQREKRGVGIGAMVLGFLGAAGSTMGAASMMLTVQARQLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLALERHLRDQQLLGIWGCSGKLICPTAVPWNASWSNKSYSEIWNNMTWIEWEREIDNYTGEIYRLIEESQNQQERNEKDLLELDKWASLWNWFDISKWLWYIKIFIMIVGGIVGLRIVFTVLSIVNRVRQGYSPLSFQTRLPAARGPDRPEGIEEDGGERDRDRSNGL

>B.2006.FJ495970.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSLLLMAV\*QKKI\*YLGLPISQTMLKP\*\*YS\*MNL\*\*LIVQDPTTIQEKV\*L\*DQGEHFMQQEI\*\*ET\*DKHIVTLVENNGITL\*RR\*LQN\*ENSLIKQ\*SLSPPQEGTQKLYSTLLIVEGNFSTVIQNNCLIVLGMLLRQMALQEMTQSYSHAE\*SKL\*TCGRK\*EKQCMPLPSKEKLVAHQISQGCY\*QEMEEVGDRMRPSDLQGEI\*GTIGEVNYINIR\*\*KLNH\*E\*HPPGQREEWCREKKEE\*E\*ELWSLGSWEQQEALWAQHQ\*C\*RYKPDNCCLV\*CNSRTIC\*ELLRRNNICCNSQSGASSSSRQESWLWKDT\*GTNSSWEFGAALENSFAPLLCLGMLVGVTNPIQRFGIT\*PG\*SGKEKLTITQGKYTG\*LKNRKTNKKGMKKTYWN\*TNGQVCGIGLTYQNGCGI\*KYS\*\*\*\*EA\*\*VLE\*FLLYFL\*\*IELGRDTHHYHFRPASQQRGDQTGPKESKKTVERETETDPTD\*

>B.2006.FJ495971.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*LVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*GFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPKRPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ495972.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPRGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ495982.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*Y\*\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDFKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPRGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDKVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ495983.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHSQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPKGPTAPGNLGLLWKTHLPHCCALER\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ495984.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANTLLCPGWFCDSKV\*\*\*GFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRR\*GTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPKRPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ495985.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*DKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKTPKGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ495986.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPKGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ495987.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICTN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKTPKGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ495988.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPKGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ495989.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKRCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCYFKLH\*VE\*\*\*YHYY\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNDRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKTPKGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQQI

>B.2006.FJ495990.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPKGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.FJ496000.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGGQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496001.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496002.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496003.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQNSKINQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496004.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSAFMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496005.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRSAQDSKINQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496006.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496007.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCSXQIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496028.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFRLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKLCS\*QIKRTI\*E\*NNSL\*PFLRRGSRSCNAHF\*LWRRIFLLRFNSAV\*\*YTEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496029.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKSNQAPLPKQ\*VTSVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRCKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAGSRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496030.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCYHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*Q\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCDFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIQTL

>B.2006.FJ496031.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VAPVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKS\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMVEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGYGKIPTGSTAPRDSGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496032.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSRNNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEKLSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRRKYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWKERQRQIRTL

>B.2007.FJ496042.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCYHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKYF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*REKVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNSKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2007.FJ496043.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCYHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFRLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKYF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*REKVQWNRAM\*KGQHSTMYTWN\*ASSIHTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2007.FJ496044.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCYHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSVLMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFRLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYNN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNSKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2007.FJ496045.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKQCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKNNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFRLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKYF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*RKKVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2007.FJ496046.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCYHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKK\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*RKKVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2007.FJ496047.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCYHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKK\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*RKKVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKSARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2007.FJ496048.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCYHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYRN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*RKKVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVNGSLAEEEVVIRSENFTNNAKTILVQLNTSVVIKCMRPGNNTSKSIHMGALRAFHATSRIIGDTRRAHCNVSGEDWNKTLNHVVDKLREQFKNKTIVFNHSSGGDPEIVMHTFNCGGEFFYCDSTALFNSTWRRNNTWTGTTGNITLQCRIKQIINMWQKVGKAMYAPPIRGYINCSSNITGLILTRDGGNNDSETEIFRPGGGNMKDNWRSELYKYKVIKIEPLGIAPTKAKRRVVQREKRAIGIGALLLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARILAVERYLQDQQLLGIWGCSGRVICTTTVPWNVSWSNKSLNEIWNNMTWMEWEKEINNYTGIIYTLLERSQSQQEKNEQELLELDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTHLPAPRGPDRPEGIEEEGGERDRDRSEHL

>B.2007.FJ496049.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCYHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFRLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKYF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*REKVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTLQC\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2007.FJ496050.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCYHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKK\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*RKKVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KLHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*\*IKRTI\*Q\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2007.FJ496051.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKQCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWCACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFRLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKYF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*TVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFRPCS\*QIKRTI\*Q\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNNSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2007.FJ496052.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCYHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCYQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKK\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*RKKVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2007.FJ496053.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCYHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRNT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKK\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*RKKVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQM\*ETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAGSRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRHNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496054.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496055.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496056.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSEINQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496057.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496060.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496061.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496062.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496063.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRSAQDSKINQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFHSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496064.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRSAQDSKINQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496065.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496066.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKA\*ASPMAGRSGDSDEDLLKTVRLIKRLYQSSK\*HL\*CNLYIY\*E\*\*H\*\*\*QQY\*Q\*LCGP\*YT\*NIGK\*\*DKGK\*TDYLIE\*\*TEQKTVAMRARVIRRNCQHLWRWGTMLLGLLMISSAAEQLWVTVYYGVPVWKEATTNLFCASDAKVYDTETHNVWATHACVPTDPNPQEVELENVTENFNMWKNNMVEQMHEDVISLWDQSLKPCVKLTPLCVTLNCTDSNGDSSIANSSSSEAVKEMKNCSFNITTSIRDKLQKEYALFYKLDVVPIDTKTNTSKYRLISCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCKDKKFNGTGPCKKVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRSENFTNNAKTILVQLNTSVVIKCMRPGNNTSKSIHMGALRAFHATSRIIGDTRRAHCNVSGEDWNKTLSHVVDKLREQFKNKTIVFNHSSGGDPEIVMHTFNCGGEFFYCDSTALFNSTWRRNNTWTGTTGNITLQCRIKQIINMWQKVGKAMYAPPIRGYINCSSNITGLILTRDGGNNDSETEIFRPGGGNMKDNWRSELYKYKVIKIEPLGIAPTKAKRRVVQREKRAIGIGALLLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARILAVERYLQDQQLLGIWGCSGRVICTTTVPWNVSWSNKSLNEIWNNMTWMEWEKEINNYTGIIYTLLERSQSQQEKNEQELLELDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTHLPAPRGPDRPEGIEEEGGERDRDRSEHL

>B.2006.FJ496067.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYDRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2002.FJ496072.acute\_infection

MEPVDPRLEPWKHPGSQPRTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPENSQTHQDSLSKQ\*VVHVMSPLDIAAIVGLVVAVILAIVVWSIVFIEYRKILRQRKIDRLIDRIAARAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*C\*RSIVGHSLLWGTCVERSNHHSILCIRCQRI\*YRGT\*CLGHTCLCTHRPQPTRSVIGKCDRKF\*HVEK\*HGRPDA\*GCNQFMGSKSKAMCKIDTTLCYFILH\*CD\*\*\*\*YCQ\*\*F\*LGKDGGRNKKLLFQCHPKHKR\*GAQRICTLL\*P\*CSTYKGY\*\*\*\*NL\*INKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWLCDSKM\*\*\*DFQWNRTMYKCQHSTMYTWN\*ACSINSTVVKWQPSRRRHSNQI\*KSHRQC\*NHNSTSK\*ICRN\*LYKTQQ\*YKKKYKYRTRGSDVCNRSHNRRYKTSTL\*H\*WSKME\*HFKKGSQKIKRKIWK\*NNNL\*STLRRGPRNCNAQF\*LWRGIFLL\*YNKTIQ\*YLE\*Y\*E\*Y\*KE\*\*\*N\*HNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRAVINKGWW\*Y\*QEREQRV\*DLQTWRRKYEGQLEK\*II\*I\*SSKT\*TIRNSTHQGKEKSGAERKKSSRTRSVVHWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQSADGY\*CTTASVATHSLGRQAAPGKNPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEC\*LE\*\*ISRANLGKHDLDAVGKRN\*QLHRPYILFN\*KIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKMAVVYKNIHNNSRRLDRIKNSFCCIFYSK\*S\*AGILTTIVSDPPPSSEGTRQARRNRRRRWRARQRQINSI

>B.2002.FJ496073.acute\_infection

MEPVDPRLEPWKHPGSQPRTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPENSQTHQDSLSKQ\*VVHVMSPLDIAAIVGLVVAVILAIVVWSIVFIEYRKILRQRKIDRLIDRIAARAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*C\*RSIVGHSLLWGTCVERSNHHSILCIRCQRI\*YRGT\*CLGHTCLCTHRPQPTRSVIGKCDRKF\*HVEK\*HGRPDA\*GCNQFMGSKSKAMCKIDTTLCYFILH\*CD\*\*\*\*YCQ\*\*F\*LGKDGGRNKKLLFQCHPKHKR\*GAQRICTLL\*P\*CSTYKGY\*\*\*\*NL\*INKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWLCDSKM\*\*\*DFQWNRTMYKCQHSTMYTWN\*ACSINSTVVKWQPSRRRHSNQI\*KSHRQC\*NHNSTSE\*ICRN\*LYKTQQ\*YKKKYKYRTRGSDVCNRSHNRRYKTSTL\*H\*WSKME\*HFKKGSQKIKRKIWK\*NNNL\*STLRRGPRNCNAQF\*LWRGIFLL\*YNKTIQ\*YLE\*Y\*E\*Y\*KE\*\*\*N\*HNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRAVINKGWW\*Y\*QEREQRV\*DLQTWRRKYEGQLEK\*II\*I\*SSKT\*TIRNSTHQGKEKSGAERKKSSRTRSVVHWVLGSGRKHYGRSVSNADGTGQTIIVWYSATAEQSADGY\*CTTASVATHSLGRQAAPGKNPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEC\*LE\*\*ISRANLGKHDLDAVGKRN\*QLHRPYILFN\*KIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKMAVVYKNIHNNSRRLDRIKNSFCCIFYSK\*S\*AGILTTIVSDPPPSSEGTRQARRNRRRRWRARQRQINSI

>B.2002.FJ496074.acute\_infection

MEPVDPRLEPWKHPGSQPRTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPENSQTHQDSLSKQ\*VVHVMSPLDIAAIVGLVVAVILAIVVWSIVFIEYRKILRQRKIDRLIDRIAARAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*C\*RSIVGHSLLWGTCVERSNHHSILCIRCQRI\*YRGT\*CLGHTCLCTHRPQPTRSVIGKCDRKF\*HVEK\*HGRPDA\*GCNQFMGSKSKAMCKIDTTLCYFILH\*CD\*\*\*\*YCQ\*\*F\*LGKDGGRNKKLLFQCHPKHKR\*GAQRICTLL\*P\*CSTYKGY\*\*\*\*NL\*INKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWLCDSKM\*\*\*DFQWNRTMYKCQHSTMYTWN\*ACSINSTVVKWQPSRRRHSNQI\*KSHRQC\*NHNSTSE\*ICRN\*LYKTQQ\*YKKKYKYRTRGSDVCNRSHNRRYKTSTL\*H\*WSKME\*HFKKGSQKIKRKIWK\*NNNL\*STLRRGPRNCNAQF\*LWRGIFLL\*YNKTIQ\*YLE\*Y\*E\*Y\*KE\*\*\*N\*HNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRAVINKGWW\*Y\*QEREQRV\*DLQTWRRKYEGQLEK\*II\*I\*SSKT\*TIRNSTHQGKEKSGAERKKSSRTRSVVHWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQSADGY\*CTTASVATHSLGRQAAPGKNPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEC\*LE\*\*ISRANLGKHDLDAVGKRN\*QLHRPYILFN\*KIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKMAVVYKNIHNNSRRLDRIKNSFCCIFYSK\*S\*AGILTTIVSDPPPSSEGTRQARRNRRRRWRARQRQINSI

>B.2002.FJ496075.acute\_infection

MEPVDPRLEPWKHPGSQPRTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPENSQTHQDSLSKQ\*VVHVMSPLDIAAIVGLVVAVILAIVVWSIVFIEYRKILRQRKIDRLIDRIAARAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*C\*RSIVGHSLLWGTCVERSNHHSILCIRCQRI\*YRGT\*CLGHTCLCTHRPQPTRSVIGKCDRKF\*HVEK\*HGRPDA\*GCNQFMGSKSKAMCKIDTTLCYFILH\*CD\*\*\*\*YCQ\*\*F\*LGKDGGRNKKLLFQCHPKHKR\*GAQRICTLL\*P\*CSTYKGY\*\*\*\*NL\*INKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWLCDSKM\*\*\*DFQWNRAMYKCQHSTMYTWN\*ACSINSTVVKWQPSRRRHSNQI\*KSHRQC\*NHTSTSE\*ICRN\*LYKTQQ\*YKKKYKYRTRGSDVCNRSHNRRYKTSTL\*H\*WSKMEGHFKKGSQKIKRKIWK\*NNNL\*STLRRGPRNCNAQF\*LWRGIFLL\*YNKTIQ\*YLE\*Y\*E\*Y\*KE\*\*\*N\*HNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRAVINKGWW\*Y\*QEREQRV\*DLQTWRRKYEGQLEK\*II\*I\*SSKT\*TIRNSTHQGKEKSGAERKKSSRTRSVVHWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQSADGY\*CTTASVATHSLGRQAAPGKNPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEC\*LE\*\*ISRANLGKHDLDAVGKRN\*QLHRPYILFN\*KIAKPTRKE\*TRXIGIG\*VGKFVELV\*HNKMAVVYKNIHNNSRRLDRIKNSFCCIFYSK\*S\*AGILTTIVSDPPPSSEGTRQARRNRRRRWRARQRQINSI

>B.2002.FJ496076.acute\_infection

MEPVDPRLEPWKHPGSQPRTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPENSQTHQDSLSKQ\*VVHVMSPLDIAAIVGLVVAVILAIVVWSIVFIEYRKILRQRKIDRLIDRIAARAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*C\*RSIVGHSLLWGTCVERSNHHSILCIRCQRI\*YRGT\*CLGHTCLCTHRPQPTRSVIGKCDRKF\*HVEK\*HGRPDA\*GCNQFMGSKSKAMCKIDTTLCYFILH\*CD\*\*\*\*YCQ\*\*F\*LGKDGGRNKKLLFQCHPKHKR\*GAQRICTLL\*P\*CSTYKGY\*\*\*\*NL\*INKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWLCDSKM\*\*\*DFQWNRTMYKCQHSTMYTWN\*ACSINSTVVKWQPSRRRHSNQI\*KSHRQC\*NHNSTSE\*ICRN\*LYKTQQ\*YKKKYKYRTRGSDVCNRSHNRRYKTSTL\*H\*WSKME\*HFKKGSQKIKRKIWK\*NNNL\*STLRRGPRNCNAQF\*LWRGIFLL\*YNKTIQ\*YLE\*Y\*E\*Y\*KE\*\*\*N\*HNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRAVINKGWW\*Y\*QEREQRV\*DLQTWRRKYEGQLEK\*II\*I\*SSKT\*TIRNSTHQGKEKSGAERKKSSRTRSVVHWVLGSSRKHHGRSVSNADGTGQTIIVWYSATAEQSADGY\*CTTASVATHSLGRQAAPGKNPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEC\*LE\*\*ISRANLGKHDLDAVGKRN\*QLHRPYILFN\*KIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKMAVVYKNIHNNSRRLDRIKNSFCCIFYSK\*S\*AGILTTIVSDPPPSSEGTRQARRNRRRRWRARQRQINSI

>B.2002.FJ496077.acute\_infection

MEPVDPRLEPWKHPGSQPRTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPENSQTHQDSLSKQ\*VVHVMSPLDIAAIVGLVVAVILAIVVWSIVFIEYRKILRQRKIDRLIDRIAARAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*C\*RSIVGHSLLWGTCVERSNHHSILCIRCQRI\*YRGT\*CLGHTCLCTHRPQPTRSVIGKCDRKF\*HVEK\*HGRPDA\*GCNQFMGSKSKAMCKIDTTLCYFILH\*CD\*\*\*\*YCQ\*\*F\*LGKDGGRNKKLLFQCHPKHKR\*GAQRICTLL\*P\*CSTYKGY\*\*\*\*NL\*INKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWLCDSKM\*\*\*DFQWNRTMYKCQHSTMYTWN\*ACSINSTVVKWQPSRRRHSNQI\*KSHRQC\*NHNSTSE\*ICRN\*LYKTQQ\*YKKKYKYRTRGSDVCNRSHNRRYKTSTL\*H\*WSKME\*HFKKGSQKIKRKIWK\*NNNL\*STLRRGPRNCNAQF\*LWRGIFLL\*YNKTIQ\*YLE\*Y\*E\*Y\*KE\*\*\*N\*HNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRAVINKGWW\*Y\*QEREQRV\*DLQTWRRKYEGQLEK\*II\*I\*SSKT\*TIRNSTHQGKEKSGAERKKSSRTRSVVHWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQSADGY\*CTTASVATHSLGRQAAPGKNPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEC\*LE\*\*ISRANLGKHDLDAVGKRN\*QLHRPYILFN\*KIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKMAVVYKNIHNNSRRLDRIKNSFCCIFYSK\*S\*AGILTTIVSDPPPSSEGTRQARRNRRRRWRARQRQINSI

>B.2002.FJ496078.acute\_infection

MEPVDPRLEPWKHPGSQPRTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPENSQTHQDSLSKQ\*VVHVMSPLDIAAIVGLVVAVILAIVVWSIVFIEYRKILRQRKIDRLIDRIAARAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*C\*RSIVGHSLLWGTCVERSNHHSILCIRCQRI\*YRGT\*CLGHTCLCTXRPQPTRSVIGKCDRKF\*HVEK\*HGRPDA\*GCNQFMGSKSKAMCKIDTTLCYFILH\*CD\*\*\*\*YCQ\*\*F\*LGKDGGRNKKLLFQCHPKHKR\*GAQRICTLL\*P\*CSTYKGY\*\*\*\*NL\*INKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWLCDSKM\*\*\*DFQWNRTMYKCQHSTMYTWN\*ACSINSTVVKWQPSRRRHSNQI\*KSHRQC\*NHNSTSE\*ICRN\*LYKTQQ\*YKKKYKYRTRGSDVCNRSHNRRYKTSTL\*H\*WSKME\*HFKKGSQKIKRKIWK\*NNNL\*STLRRGPRNCNAQF\*LWRGIFLL\*YNKTIQ\*YLE\*Y\*E\*Y\*KE\*\*\*N\*HNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRAVINKGWW\*Y\*QEREQRV\*DLQTWRRKYEGQLEK\*II\*I\*SSKT\*TIRNSTHQGKEKSGAERKKSSRTRSVVHWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQSADGY\*CTTASVATHSLGRQAAPGKNPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEC\*LE\*\*ISRANLGKHDLDAVGKRN\*QLHRPYILFN\*KIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKMAVVYKNIHNNSRRLDRIKNSFCCIFYSK\*S\*AGILTTIVSDPPPSSEGTRQARRNRRRRWRARQRQINSI

>B.2002.FJ496079.acute\_infection

MEPVDPRLEPWKHPGSQPRTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPENSQTHQDSLSKQ\*VVHVMSPLDIAAIVGLVVAVTLAIVVWSIVFIEYRKILRQRKIDRLIDRIAARAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*C\*RSIVGHSLLWGTCVERSNHHSILCIRCQRI\*YRGT\*CLGHTCLCTHRPQPTRSVIGKCDRKF\*HVEK\*HGRPDA\*GCNQFMGSKSKAMCKIDTTLCYFILH\*CD\*\*\*\*YCQ\*\*F\*LGKDGGRNKKLLFQCHPKHKR\*GAQRICTLL\*P\*CSTYKGY\*\*TPQSLHRPVQRYPLSQFPYIIVPRLVMRF\*NVIIRLSMEQDHVQMSAQYNVHMELGL\*YQLNCC\*MAA\*QKKT\*\*SDLKISQTMLEP\*\*YI\*MNL\*KLIVQDPTIIQEKV\*I\*DQGQRCMQQEP\*\*EI\*DKHIVTLVEQDGMTL\*KR\*SKN\*EKNLEIKQ\*SLINTQEGTQKL\*CTVLIVEGNFSTVIQQNYSIVLGIVLGMILKGIVMKLTQSHSHAE\*NKL\*TCGRE\*EKQCMPLLSED\*LDVHQILQGCY\*QGMVVILTGAGATGLRPSDLEEEI\*RTIGEVNYINIK\*\*NLNH\*E\*HPPRQGEEWCREKKEQ\*D\*ERCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRTIC\*WLLMHNSICCNSQSGASSSSGQESWLWKDT\*RINSS\*GFGVALENSSAPLMCLGMLVGVINLKSKFGKT\*PGCSGKEKLTITQALYTL\*LKIRKTNKKRMNKNYWHWISGQVCGIGLT\*QNGCGI\*KYS\*\*\*\*EA\*\*D\*E\*FLLYFL\*\*IELGRDTHHYRFRPTSQFRGDPTGPKESTKKVESKAETDQFD\*

>B.2002.FJ496080.acute\_infection

MEPVDPRLEPWKHPGSQPRTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPENSQTHQDSLSKQ\*VVHVMSPLDIAAIVGLVVAVILAIVVWSIVFIEYRKILRQRKIDRLIDRIAARAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*C\*RSIVGHSLLWGTCVERSNHHSILCIRCQRI\*YRGT\*CLGHTCLCTHRPQPTRSVIGKCDRKF\*HVEK\*HGRPDA\*GCNQFMGSKSKAMCKIDTTLCYFILH\*CD\*\*\*\*YCQ\*\*F\*LEKDGGRNKKLLFQCHPKHKR\*GAQRICTLL\*P\*CSTYKGY\*\*\*\*NL\*INKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWLCDSKM\*\*\*DFQWNRTMYKCQHSTMYTWN\*ACSINSTVVKWQPSRRRHSNQI\*KSHRQC\*NHNSTSE\*ICRN\*LYKTQQ\*YKKKYKYRTRGSDVCNRSHNRRYKTSTL\*H\*WSKME\*HFKKGSQKIKRKIWK\*NNNL\*STLRRGPRNCNAQF\*LWRGIFLL\*YNKTIQ\*YLE\*Y\*E\*Y\*KE\*\*\*N\*HNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRAVINKGWW\*Y\*QEREQRV\*DLQTWRRKYEGQLEK\*II\*I\*SSKT\*TIRNSTHQGKEKSGAERKKSSRTRSVVHWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQSADGY\*CTTASVATHSLGRQAAPGKNPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEC\*LE\*\*ISRANLGKHDLDAVGKRN\*QLHRPYILFN\*KIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKMAVVYKNIHNNSRRLDRIKNSFCCIFYSK\*S\*AGILTTIVSDPPPSSEGTRQARRNRRRRWRARQRQINSI

>B.2005.FJ496081.acute\_infection

MEPVDPRLEPWKHPGSQPRTPCNNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAPQGRQTHQGSLPEQ\*VVHVMQSLQILAIVALVVVAIIAIIVWSIVFIEYRRIRRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*CWR\*IMGHSLLWGTCVERCSHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRP\*PTRSSIGKCDRIF\*CVEK\*HGRTNA\*GYNQFMGPKPKTMCKINPTLCYFKLY\*D\*\*YQ\*CHR\*CQCHSQGRHNEKLLFQYHHRRER\*GEKRICNFL\*P\*YSTNRR\*\*\*\*Y\*L\*VNKL\*HLSHYTGLSKSIFQANSHTLLCPGWFCASKMQQ\*DIQWKRRLYKCQYSTMYTWN\*ASSINSTAVKWQSSRKRGST\*I\*EFHKQC\*NHNSTDENTCKH\*LYQTQQQYKKRHTYRTRGSIFYNRTNNRRYKTSTL\*H\*\*KGME\*DFRTGSYKIKKTIWE\*DNNL\*ATLRRGPRNCTAQF\*LWRGIFLL\*FNTTV\*\*YLE\*Y\*KL\*\*Y\*KL\*\*Y\*RK\*HNQPPMQNKTNYKHVAGNRKSNVCPSHCRNN\*MFIKYYRNTINKRWWYK\*YR\*YH\*DLQTCRRRYERQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGRSRKHYGRSVSGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGMLWKTHLHHYCALEC\*LE\*\*ISK\*HLGQHDLDAVG\*RNSQLHTNNIQLN\*RSAEPTRAE\*KRIIGIR\*MGQFVELV\*HNKLAVVYKNIHNDSSRLGRFKNNFYCTFYSK\*S\*AGILTTIVSDPPPSSEGTRQARRNRRRRWRERQRHIHSI

>B.2005.FJ496082.acute\_infection

MEPVDPRLEPWKHPGSQPRTPCNNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAPQGRQTHQGSLPEQ\*VVHVMQSLQILAIVALVVVAIIAIIVWSIVFIEYRRIRRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*CWR\*IMGHSLLWGTCVERCSHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRP\*PTRSSIGKCDRIF\*CVEK\*HGRTNA\*GYNQFMGPKPKTMCKINPTLCYFKLY\*D\*\*YQ\*CHR\*CQCHSQGRHNEKLLFQYHHRRER\*GEKRICNFL\*P\*YSTNRR\*\*\*\*Y\*L\*VNKL\*HLSHYTGLSKSIFQANSHTLLCPGWFCASKMQQ\*DIQWKRRLYKCQYSTMYTWN\*ASSINSTAVKWQSSRKRGST\*I\*EFHKQC\*NHNSTDENTCKH\*LYQTQQQYKKRHTYRTRGSIFYNRTNNRRYKTSTL\*H\*\*KGME\*DFRTGSYKIKKTIWE\*DNNL\*ATLRRGPRNCTAQF\*LWRGIFLL\*FNTTV\*\*YLE\*Y\*KL\*\*Y\*KL\*\*Y\*RK\*HNQPPMQNKTNYKHVAGNRKSNVCPSHCRNN\*MFIKYYRNTINKRWWYK\*YR\*YH\*DLQTCRRRYERQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGRSRKHYGRSVSGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGMLWKTHLHHYCALEC\*LE\*\*ISK\*HLGQHDLDAVG\*RNSQLHTNNIQLN\*RSAEPTRAE\*KRIIGIR\*MGQFVELV\*HNKLAVVYKNIHNDSSRLGRFKNNFYCTFYSK\*S\*AGILTTIVSDPPPSSEGTRQARRNRRRRWRERQRHIHSI

>B.2005.FJ496083.acute\_infection

MEPVDPRLEPWKHPGSQPRTPCNNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAPQGRQTHQGSLPEQ\*VVHVMQSLQILAIVALVVVAIIAIIVWSIVFIEYRRIRRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*CWR\*IMGHSLLWGTCVERCSHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRP\*PTRSSIGKCDRIF\*CVEK\*HGRTNA\*GYNQFMGPKPKTMCKINPTLCYFKLY\*D\*\*YQ\*CHR\*CQCHSQGRHNEKLLFQYHHRRER\*GEKRICNFL\*P\*YSTNRR\*\*\*\*Y\*L\*VNKL\*HLSHYTGLSKSIFQANSHTLLCPGWFCASKMQQ\*DIQWKRRLYKCQYSTMYTWN\*ASSINSTAVKWQSSRKRGST\*I\*EFHKQC\*NHNSTDENTCKH\*LYQTQQQYKKRHTYRTRGSIFYNRTNNRRYKTSTL\*H\*\*KGME\*DFRTGSYKIKKTIWE\*DNNL\*ATLRRGPRNCTAQF\*LWRGIFLL\*FNTTV\*\*YLE\*Y\*KL\*\*Y\*KL\*\*Y\*RK\*HNQPPMQNKTNYKHVAGNRKSNVCPSHCRNN\*MFIKYYRNTINKRWWYK\*YR\*YH\*DLQTCRRRYERQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGRSRKHYGRSVSGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGMLWKTHLHHYCALEC\*LE\*\*ISK\*HLGQHDLDAVG\*RNSQLHTNNIQLN\*RSAEPTRAE\*KRIIGIR\*MGQFVELV\*HNKLAVVYKNIHNDSSRLGRFKNNLYCTFYSK\*S\*AGILTTIVSDPPPSSEGTRQARRNRRRRWRERQRHIHSI

>B.2005.FJ496084.acute\_infection

MEPVDPRLEPWKHPGSQPRTPCNNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAPQGRQTHQGSLPEQ\*VVHVMQSLQILAIVALVVVAIIAIIVWSIVFIEYRRIRRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*CWR\*IMGHSLLWGTCVERCSHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRP\*PTRSSIGKCDRIF\*CVEK\*HGRTNA\*GYNQFMGPKPKTMCKINPTLCYFKLY\*D\*\*YQ\*CHR\*CQCHSQGRHNEKLLFQYHHRRER\*GEKRICNFL\*P\*YSTNRR\*\*\*\*Y\*L\*VNKL\*HLSHYTGLSKSIFQANSHTLLCPGWFCASKMQQ\*DIQWKRRLYKCQYSTMYTWN\*ASSINSTAVKWQSSRKRGST\*I\*EFHKQC\*NHNSTDENTCKH\*LYQTQQQYKKRHTYRTRGSIFYNRTNNRRYKTSTL\*H\*\*KGME\*DFRTGSYKIKKTIWE\*DNNL\*ATLRRGPRNCTAQF\*LWRGIFLL\*FNTTV\*\*YLE\*Y\*KL\*\*Y\*KL\*\*Y\*RK\*HNQPPMQNKTNYKHVAGNRKSNVCPSHCRNN\*MFIKYYRNTINKRWWYK\*YR\*YH\*DLQTCRRRYERQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGRSRKHYGRSVSGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGMLWKTHLHHYCALEC\*LE\*\*ISK\*HLGQHDLDAVG\*RNSQLHTNNIQLN\*RSAEPTRAE\*KRIIGIR\*MGQFVELV\*HNKLAVVYKNIHNDSSRLGRFKNNFYCTFYSK\*S\*AGILTTIVSDPPPSSEGTRQARRNRRRRWRERQRHIHSI

>B.2005.FJ496085.acute\_infection

MEPVDPRLEPWKHPGSQPRTPCNNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAPQGRQTHQGSLPEQ\*VVHVMQSLQILAIVALVVVAIIAIIVWSIVFIEYRRIRRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*CWR\*IMGHSLLWGTCVERCSHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRP\*PTRSSIGKCDRIF\*CVEK\*HGRTNA\*GYNQFMGPKPKTMCKINPTLCYFKLY\*D\*\*YQ\*CHR\*CQCHSQGRHNEKLLFQYHHRRER\*GEKRICNFL\*P\*YSTNRR\*\*\*\*Y\*L\*VNKL\*HLSHYTGLSKSIFQANSHTLLCPGWFCASKMQQ\*DIQWKRRLYKCQYSTMYTWN\*ASSINSTAVKWQSSRKRGST\*I\*EFHKQC\*NHNSTDENTCKH\*LYQTQQQYKKRHTYRTRGSIFYNRTNNRRYKTSTL\*H\*\*KGME\*DFRTGSYKIKKTIWE\*DNNL\*ATLRRGPRNCTAQF\*LWRGIFLL\*FNTTV\*\*YLE\*Y\*KL\*\*Y\*KL\*\*Y\*RK\*HNQPPMQNKTNYKHVAGNRKSNVCPSHCRNN\*MFIKYYRNTINKRWWYK\*YR\*YH\*DLQTCRRRYERQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGRSRKHYGRSVSGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGMLWKTHLHHYCALEC\*LE\*\*ISK\*HLGQHDLDAVG\*RNSQLHTNNIQLN\*RSAEPTRAE\*KRIIGIR\*MGQFVELV\*HNKLAVVYKNIHNDSSRLGRFKNNFYCTFYSK\*S\*AGILTTIVSDPPPSSEGTRQARRNRRRRWRERQRHIHSI

>B.2006.FJ496124.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYPYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496125.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQGSKINQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496126.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496127.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRKPAQDSKINQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQGGGETNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*Q\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDAMGKRN\*QLHRYNIHLT\*TIAKPARKQ\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496129.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496137.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRSAQDSKINQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.FJ496138.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*SNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.1991.FJ496145.acute\_infection

MEPVDPNLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VVYVMQALYILGIVALVLAAILAIVVWSIVLIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLLEMGHLAPWDVNDL\*CYRKFVGHSLLWSTCVERSNHHSILCIRC\*SI\*YRST\*RLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPTTMCKINSTLCYFKLH\*LCQECY\*CH\*Y\*CH\*\*RGRRNEKLLFQCHHKHER\*EAKRICTFL\*P\*YSTNR\*\*\*C\*\*QL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWNQASSIYSTAVKWQSSRRRSSN\*I\*KFHEQC\*HHNSTAE\*LCRN\*LYKTQQQYKKKYTYXTRESILYNRRNNRRYKTSTL\*H\*\*KQME\*HFTTNS\*KIKRTI\*E\*NNSLYSFLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLVY\*\*YWEWC\*RVR\*H\*HYQTPMQNKTNYKHVAGGRKSNVCPSHQRTN\*MFLKYYRTDINKRWG\*\*Q\*YQQ\*YRGLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSLVPWVLGSSRKHYGRSVSDADGTGQTIVVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCRKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISERDLG\*HDLDAVGKRN\*QLHKFNIHLT\*TIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGIFTIIVPDPPPSSEGTRQARRNRRRRWRQRQRQIQSL

>B.1991.FJ496146.acute\_infection

MEPVDPNLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VVYVMQALYILGIVALVLAAILAIVVWSIVLIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLLEMGHLAPWDVNDL\*CYRKFVGHSLLWSTCVERSNHHSILCIRC\*SI\*YRST\*RLGLPTDPNPQEVVLENVTENFNMWKNNMVEQMHEDIISLWDQSLQPCVRLTPLCVTLNCTDYVKNVTNATSTNATSSEGGEMKNCSFNVTTNMRDKKQKEYALFYNLDIVQIDNDNANNSYRLISCNTSVITQACPKVSFEPIPIHYCAPAGFAILRCNDKKFNGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSKNFTNNANIIIVQLNDSVEINCTRPNNNTRKSIPIGPGRAFYTTGEIIGDIRQAHCNISKSKWNDTLQQIVKKLREQFKNKTIVFTHSSGGDPEIVMHSFNCGGEFFYCNTTQLFNSTWYINNTGNGAKGSDNTDTIKLPCRIKQIINMWQEVGKAMYAPPIRGQIRCSSNITGLILTRDGGNNNDTNNDTEVFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGIGALFLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNKSLNEIWDNMTWMQWEKEIDNYTSLIYTLLEQSQNQQEKNEQELLELDKWASLWNWFDITNWLWYIKIFIMIVGGLVGLRIVFTVLSIVNRVRQGYSPLSFQTRLPVPRGPDRPEGIEEEGGDRDRDRSSRL

>B.1991.FJ496147.acute\_infection

MEPVDPNLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VVYVMQALYILGIVALVLAAILAIVVWSIVLIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLLEMGHLAPWDVNDL\*CYRKFVGHSLLWSTCVERSNHHSILCIRC\*SI\*YRST\*RLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPTTMCKINSTLCYFKLH\*LCQECY\*CH\*Y\*CH\*\*RGRRNEKLLFQCHHKHER\*EAKRICTFL\*P\*YSTNR\*\*\*C\*\*QL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWNQASSIYSTAVKWQSSRRRSSN\*I\*KFHEQC\*HHNSTAE\*LCRN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTL\*H\*\*KQME\*HFTTNS\*KIKRTI\*E\*NNSLYSFLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLVY\*\*YWEWC\*RVR\*H\*HYQTPMQNKTNYKHVAGGRKSNVCPSHQRTN\*MFLKYYRTDINKRWG\*\*Q\*YQQ\*YRGLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSLVPWVLGSSRKHYGRSVSDADGTGQTIVVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCRKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISERDLG\*HDLDAVGKRN\*QLHKFNIHLT\*TIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGIFTIIVPDPPPSSEGTRQARRNRRRRWRQRQRQIQSL

>B.1991.FJ496148.acute\_infection

MEPVDPNLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VVYVMQALYILGIVALVLAAILAIVVWSIVLIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLLEMGHLAPWDVNDL\*CYRKFVGHSLLWSTCVERSNHHSILCIRC\*SI\*YRST\*RLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPTTMCKINSTLCYFKLH\*LCQECY\*CH\*Y\*CH\*\*RGRRNEKLLFQCHHKHER\*EAKRICTFYNLDIVQIDNDNANNSYRLISCNTSVITQACPKVSFEPIPIHYCAPAGFAILRCNDKKFNGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSKNFTNNANIIIVQLNDSVEINCTRPNNNTRKSIPIGPGRAFYTTGEIIGDIRQAHCNISKSKWNDTLQQIVKKLREQFKNKTIVFTHSSGGDPEIVMHSFNCGGEFFYCNTTQLFNSTWYINNTGNGAKGSDNTDTIKLPCRIKQIINMWQEVGKAMYAPPIRGQIRCSSNITGLILTRDGGNNNDTNNDTEVFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGIGALFLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNKSLNEIWDNMTWMQWEKEIDNYTSLIYTLLEQSQNQQEKNEQELLELDKWASLWNWFDITNWLWYIKIFIMIVGGLVGLRIVFTVLSIVNRVRQGYSPLSFQTRLPVPRGPDRPEGIEEEGGDRDRDRSSRL

>B.1991.FJ496149.acute\_infection

MEPVDPNLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VVYVMQALYILGIVALVLAAILAIVVWSIVLIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLLEMGHLAPWDVNDL\*CYRKFVGHSLLWSTCVERSNHHSILCIRC\*SI\*YRST\*RLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPTTMCKINSTLCYFKLH\*LCQECY\*CH\*Y\*CH\*\*RGRRNEKLLFQCHHKHER\*EAKRICTFL\*P\*YSTNR\*\*\*C\*\*QL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWNQASSIYSTAVKWQSSRRRSSN\*I\*KFHEQC\*HHNSTAE\*LCRN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTL\*H\*\*KQME\*HFTTNS\*KIKRTI\*E\*NNSLYSFLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLVY\*\*YWEWC\*RVR\*H\*HYQTPMQNKTNYKHVAGGRKSNVCPSHQRTN\*MFLKYYRTDINKRWG\*\*Q\*YQQ\*YRGLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSLVPWVLGSSRKHYGRSVSDADGTGQTIVVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCRKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISERDLG\*HDLDAVGKRN\*QLHKFNIHLT\*TIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGIFTIIVPDPPPSSEGTRQARRNRRRRWRQRQRQIQSL

>B.1991.FJ496150.acute\_infection

MEPVDPNLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VVYVMQALYILGIVALVLAAILAIVVWSIVLIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLLEMGHLAPWDVNDL\*CYRKFVGHSLLWSTCVERSNHHSILCIRC\*SI\*YRST\*RLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPTTMCKINSTLCYFKLH\*LCQECY\*CH\*Y\*CH\*\*RGRRNEKLLFQCHHKHER\*EAKRICTFL\*P\*YSTNR\*\*\*C\*\*QL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWNQASSIYSTAVKWQSSRRRSSN\*I\*KFHEQC\*HHNSTAE\*LCRN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTL\*H\*\*KQME\*HFTTNS\*KIKRTI\*E\*NNSLYSFLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLVY\*\*YWEWC\*RVR\*H\*HYQTPMQNKTNYKHVAGGRKSNVCPSHQRTN\*MFLKYYRTDINKRWG\*\*Q\*YQQ\*YRGLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSLVPWVLGSSRKHYGRSVSDADGTGQTIVVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCRKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISERDLG\*HDLDAVGKRN\*QLHKFNIHLT\*TIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGIFTIIVPDPPPSSEGTRQARRNRRRRWRQRQRQIQSL

>B.2001.FJ496151.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAPQNSQTDQAYLPEQ\*VVHVMSPLVIASIVALVVAAIIVIVIWSIVFIEYRKILRQRKIDRLVDRILERAEDSGNESDGDQEELSALVEMGHHGHDAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHFILCIRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRISIGKCNRIF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKTNPTLCHFKLH\*LDEWH\*LEYH\*\*\*\*YHY\*\*RGNDRGRRNEELLFQYHHSNGR\*EKRTCIFL\*A\*CSTNR\*\*\*YQL\*VDKL\*YFSHYPGMSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRIMYKCQHSTMHTWN\*ASSINSTAAKWQSSRRRGSN\*I\*KFLGQC\*NHNSTTK\*ICTN\*LYKTPQQYKEKYTYRTRESLVCNRRYNRRYKKSIL\*H\*\*SKME\*HFKTDN\*KIKRTI\*\*NNNSL\*SILRRGPRSYNAQF\*LWRGIFLL\*YIKTV\*WNLE\*Y\*KSK\*HGRDYHTPMQNKTNYK\*VARSRKSNVCPSHRRTN\*MLIKYYRVAINKRWW\*NHQQHHRILQTWRRKYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLRSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISGYNLE\*HDLDAVGKRN\*QLHRVNIHLN\*RIADPTRKE\*TRLIEIGSMGKFVELV\*HNKLAVVYKNIHNDSRGLGRFENSFCCTFYSE\*S\*AGILTFVVPDPPPKLEGTRQAQRNRRRRWRERQRQIQTI

>B.2001.FJ496152.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAPQNSQTDQAYLPEQ\*VVHVMSPLVIASIVALVVAAIIVIVIWSIVFIEYRKILRQRKIDRLVDRILERAEDSGNESDGDQEELSALVEMGHHGHDAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHFILCIRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRISIGKCNRIF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKTNPTLCHFKLH\*LDEWH\*LEYH\*\*\*\*YHY\*\*RGNDRGRRNEELLFQYHHSNGR\*EKRTCIFL\*A\*CSTNR\*\*\*YQL\*VDKL\*YFSHYPGMSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRIMYKCQHSTMHTWN\*ASSINSTAAKWQSSRRRGNN\*I\*KFLGQC\*NHNSTTK\*ICTN\*LYKTPQQYKEKYTYRTRESLVCNRRYNRRYKKSIL\*H\*\*SKME\*HFKTDN\*KIKRTI\*\*NNNSL\*SILRRGPRSYNAQF\*LWRGIFLL\*YIKTV\*WNLE\*Y\*KSK\*HGRDYHTPMQNKTNYK\*VARSRKSNVCPSHRRTN\*MLIKYYRVAINKRWW\*NHQQHHRILQTWRRKYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLRSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISGYNLE\*HDLDAVGKRN\*QLHRVNIHLN\*RIADPTRKE\*TRLIEIGSMGKFVELV\*HNKLAVVYKNIHNDSRGLGRFENSFCCTFYSE\*S\*AGILTFVVPDPPPKLEGTRQARRNRRRRWRERQRQIQTI

>B.2001.FJ496153.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAPQNSQTDQAYLPEQ\*VVHVMSPLVIASIVALVVAAIIVIVIWSIVFIEYRKILRQRKIDRLVDRILERAEDSGNESDGDQEELSALVEMGHHGHDAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHFILCIRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRISIGKCNRIF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKTNPTLCHFKLH\*LDEWH\*LEYH\*\*\*\*YHY\*\*RGNDRGRRNEELLFQYHHSNGR\*EKRTCIFL\*A\*CSTNR\*\*\*YQL\*VDKL\*YFSHYPGMSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRIMYKCQHSTMHTWN\*ASSINSTAAKWQSSRRRGSN\*I\*KFLGQC\*NHNSTTK\*ICTN\*LYKTPQQYKEKYTYRTXESLVCNRRYNRRYKKSIL\*H\*\*SKME\*HFKTDN\*KIKRTI\*\*NNNSL\*SILRRGPRSYNAQF\*LWRGIFLL\*YIKTV\*WNLE\*Y\*KSK\*HGRDYHTPMQNKTNYK\*VARSRKSNVCPSHRRTN\*MLIKYYRVAINKRWW\*NHQQHHRILQTWRRKYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLRSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISGYNLE\*HDLDAVGKRN\*QLHRVNIHLN\*RIADPTRKE\*TRLIEIGSMGKFVELV\*HNKLAVVYKNIHNDSRGLGRFENSFCCTFYSE\*S\*AGILTFVVPDPPPKLEGTRQARRNRRRRWRERQRQIQTI

>B.2001.FJ496154.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAPQNSQTDQAYLPEQ\*VVHVMSPLVIASIVALVVAAIIVIVIWSIVFIEYRKILRQRKIDRLVDRILERAEDSGNESDGDQEELSALVEMGHHGHDAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHFILCIRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRISIGKCNRIF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKTNPTLCHFKLH\*LDEWH\*LEYH\*\*\*\*YHY\*\*RGNDRGRRNEELLFQYHHSNGR\*EKRTCIFL\*A\*CSTNR\*\*\*YQL\*VDKL\*YFSHYPGMSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRIMYKCQHSTMHTWN\*ASSINSTAAKWQSSRRRGSN\*I\*KFLGQC\*NHNSTTK\*ICTNQLYKTPQQYKEKYTYRTRESLVCNRRYNRRYKKSIL\*H\*\*SKME\*HFKTDN\*KIKRTI\*\*NNNSL\*SILRRGPRSYNAQF\*LWRGIFLL\*YIKTV\*WNLE\*Y\*KSK\*HGRDYHTPMQNKTNYK\*VARSRKSNVCPSHRRTN\*MLIKYYRVAINKRWW\*NHQQHHRILQTWRRKYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLRSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISGYNLE\*HDLDAVGKRN\*QLHRVNIHLN\*RIADPTRKE\*TRLIEIGSMGKFVELV\*HNKLAVVYKNIHNDSRGLGRFENSFCCTFYSE\*S\*AGILTFVVPDPPPKLEGTRQARRNRRRRWRERQRQIQTI

>B.2001.FJ496155.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAPQNSQTDQAYLPEQ\*VVHVMSPLVIASIVALVVAAIIVIVIWSIVFIEYRKILRQRKIDRLVDRILERAEDSGNESDGDQEELSALVEMGHHGHDAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHFILCIRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRISIGKCNRIF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKTNPTLCHFKLH\*LDEWH\*LEYH\*\*\*\*YHY\*\*RGNDRGRRNEELLFQYHHSNGR\*EKRTCIFL\*A\*CSTNR\*\*\*YQL\*VDKL\*YFSHYPGMSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRIMYKCQHSTMHTWN\*ASSINSTAAKWQSSRRRGSN\*I\*KFLGQC\*NHNSTTK\*ICTN\*LYKTPQQYKEKYTYRTRESLVCNRRYNRRYKKSIL\*H\*\*SKME\*HFKTDN\*KIKRTI\*\*NNNSL\*SILRRGPRSYNAQF\*LWRGIFLL\*YIKTV\*WNLE\*Y\*KSK\*HGRDYHTPMQNKTNYK\*VARSRKSNVCPSHRRTN\*MLIKYYRVAINKRWW\*NHQQHHRILQTWRRKYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLRSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISGYNLE\*HDLDAVGKRN\*QLHRVNIHLN\*RIADPTRKE\*TRLIEIGSMGKFVELV\*HNKLAVVYKNIHNDSRGLGRFENSFCCTFYSE\*S\*AGILTFVVPDPPPKLEGTRQARRNRRRRWRERQRQIQTI

>B.2001.FJ496156.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAPQNSQTDQAYLPEQ\*VVHVMSPLVIASIVALVVAAIIVIVIWSIVFIEYRKILRQRKIDRLVDRILERAEDSGNESDGDQEELSALVEMGHHGHDAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHFILCIRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRISIGKCNRIF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKTNPTLCHFKLH\*LDEWHRLEYH\*\*\*\*YHY\*\*RGNDRGRRNEELLFQYHHSNGR\*EKRTCIFL\*A\*CSTNR\*\*\*YQL\*VDKL\*YFSHYPGMSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRIMYKCQHSTMHTWN\*ASSINSTAAKWQSSRRRGSN\*I\*KFLGQC\*NHNSTTK\*ICTN\*LYKTPQQYKEKYTYRTRESLVCNRRYNRRYKKSIL\*H\*\*SKME\*HFKTDN\*KIKRTI\*\*NNNSL\*SILRRGPRSYNAQF\*LWRGIFLL\*YIKTV\*WNLE\*Y\*KSK\*HGRDYHTPMQNKTNYK\*VARSRKSNVCPSHRRTN\*MLIKYYRVAINKRWW\*NHQQHHRILQTWRRKYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLRSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISGYNLE\*HDLDAVGKRN\*QLHRVNIHLN\*RIADPTRKE\*TRLIEIGSMGKFVELV\*HNKLAVVYKNIHNDSRGLGRFENSFCCTFYSE\*S\*AGILTFVVPDPPPKLEGTRQARRNRRRRWRERQRQIQTI

>B.2001.FJ496157.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAPQNSQTDQAYLPEQ\*VVHVMSPLVIASIVALVVAAIIVIVIWSIVFIEYRKILRQRKIDRLVDRILERAEDSGNESDGDQEELSALVEMGHHGHDAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHFILCIRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRISIGKCNRIF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKTNPTLCHFKLH\*LDEWH\*LEYH\*\*\*\*YHY\*\*RGNDRGRRNEELLFQYHHSNGR\*EKRTCIFL\*A\*CSTNR\*\*\*YQL\*VDKL\*YFSHYPGMSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRIMYKCQHSTMHTWN\*ASSINSTAAKWQSSRRRGSN\*I\*KFLGQC\*NHNSTTK\*ICTN\*LYKTPQQYKEKYTYRTRESLVCNRRYNRRYKKSIL\*H\*\*SKME\*HFKTDN\*KIKRTI\*\*NNNSL\*SILRRGPRSYNAQF\*LWRGIFLL\*YIKTV\*WNLE\*Y\*KSK\*HGRDYHTPMQNKTNYK\*VARSRKSNVCPSHRRTN\*MLIKYYRVAINKRWW\*NHQQHHRILQTWRRKYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLRSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISGYNLE\*HDLDAVGKRN\*QLHRVNIHLN\*RIADPTRKE\*TRLIEIGSMGKFVELV\*HNKLAVVYKNIHNDSRGLGRFENSFCCTFYSE\*S\*AGILTFVVPDPPPKLEGTRQARRNRRRRWRERQRQIQTI

>B.1990.FJ496158.acute\_infection

MEPVDHRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFMTKGLGISYGRKKRRQRRRSPQNSQTHQDSLSKQ\*VVHVMQSLQILAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKINPTLCYFKLH\*CECD\*FEE\*D\*YQ\*\*\*WRGKDGGGRNEKLLFQCHHTHKK\*EKD\*ICTFL\*T\*CNANRS\*\*YKLYVDKL\*LLNHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKGTL\*KCQHSTMYTRN\*TSSVNPIAVKWQSSRRRHSN\*I\*KFHGQC\*KHNSTAECIHRN\*LYKTQQQYKKKDNFRTRESTLYNRRNNRRYKTSTL\*P\*\*NKLE\*HFKTDS\*KIKRNKTI\*E\*NNSF\*TILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLAC\*WYLEEY\*RGR\*QYHTPMQNKTNYKQVAGSRKSNVCPTHRRTN\*MFIKYYRVTINKRWW\*\*\*REPDRDLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSAAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGLHLE\*HDLDGVGERN\*QLHRLNIQLN\*RIAEPTRKK\*ARIIGIG\*MGKFVDLV\*HIKLAVVYKNLHNDSRRLDRFKNSFYCTFHSK\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.1990.FJ496159.acute\_infection

MEPVDHRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFMTKGLGISYGRKKRRQRRRSPQNSQTHQDSLSKQ\*VVHVMQSLQILAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKINPTLCYFKLH\*CECD\*FEE\*D\*YQ\*\*\*WRGKDGGGRNEKLLFQCHHTHKK\*EKD\*ICTFL\*T\*CNANRS\*\*YKLYVDKL\*LLNHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVXWKGTL\*KCQHSTMYTRN\*TSSVNPIAVKWQSSRRRHSN\*I\*KFHGQC\*KHNSTAECIHRN\*LYKTQQQYKKKDNFRTRESTLYNRRNNRRYKTSTL\*P\*\*NKLE\*HFKTDS\*KIKRNKTI\*E\*NNSF\*TILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLAC\*WYLEEY\*RGR\*QYHTPMQNKTNYKQVAGSRKSNVCPTHRRTN\*MFIKYYRVTINKRWW\*\*\*REPDRDLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSAAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGLHLE\*HDLDGVGERN\*QLHRLNIQLN\*RIAEPTRKK\*ARIIGIG\*MGKFVDLV\*HIKLAVVYKNLHNDSRRLDRFKNSFYCTFHSK\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.1990.FJ496160.acute\_infection

MEPVDHRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFMTKGLGISYGRKKRRQRRRSPQNSQTHQDSLSKQ\*VVHVMQSLQILAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKINPTLCYFKLH\*CECD\*FEE\*D\*YQ\*\*\*WRGKDGGGRNEKLLFQCHHTHKK\*EKD\*ICTFL\*T\*CNANRS\*\*YKLYVDKL\*LLNHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKGTL\*KCQHSTMYTRN\*TSSVNPIAVKWQSSRRRHSN\*I\*KFHGQC\*KHNSTAECIYRN\*LYKTQQQYKKKDDFRTRESTLYNRRNNRRYKTSTL\*P\*\*NKLE\*HFKTDS\*KIKRNKTI\*E\*NNSF\*TILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLAC\*WYLEEY\*RGR\*QYHTPMQNKTNYKQVAGSRKSNVCPTHRRTN\*MFIKYYRVTINKRWW\*\*\*REPDRDLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSAAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGLHLE\*HDLDGVGERN\*QLHRLNIQLN\*RIAEPTRKK\*ARIIGIG\*MGRFVDLV\*HIKLAVVYKNLHNDSRRLDRFKNSFYCTFHSK\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.1990.FJ496161.acute\_infection

MEPVDHRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFMTKGLGISYGRKKRRQRRRSPQNSQTHQDSLSKQ\*VVHVMQSLQILAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKINPTLCYFKLH\*CECD\*FEE\*D\*YQ\*\*\*WRGKDGGGRNEKLLFQCHHTHKK\*EKD\*ICTFL\*T\*CNANRS\*\*YKLYVDKL\*LLNHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKGTL\*KCQHSTMYTRN\*TSSVNPIAVKWQSSRRRHSN\*I\*KFHGQC\*KHNSTAECIHRN\*LYKTQQQYKKKDNFRTRESTLYNRRNNRRYKTSTL\*P\*\*NKLE\*HFKTDS\*KIKRNKTI\*E\*NNSF\*TILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLAC\*WYLEEY\*RGR\*QYHTPMQNKTNYKQVAGSRKSNVCPTHRRTN\*MFIKYYRVTINKRWW\*\*\*REPDRDLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSAAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGLHLE\*HDLDGVGERN\*QLHRLNIQLN\*RIAEPTRKK\*ARIIGIG\*MGKFVDLV\*HIKLAVVYKNLHNDSRRLDRFKNSFYCTFHSK\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.1990.FJ496162.acute\_infection

MEPVDHRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFMTKGLGISYGRKKRRQRRRSPQNSQTHQDSLSKQ\*VVHVMQSLQILAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKINPTLCYFKLH\*CECD\*FEE\*D\*YQ\*\*\*WRGKDGGGRNEKLLFQCHHTHKK\*EKD\*ICTFL\*T\*CNANRS\*\*YKLYVDKL\*LLNHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKGTL\*KCQHSTMYTRN\*TSSVNPIAVKWQSSRRRHSN\*I\*KFHGQC\*KHNSTAECIHRN\*LYKTQQQYKKKDNFRTRESTLYNRRNNRRYKTSTL\*P\*\*NKLE\*HFKTDS\*KIKRNKTI\*E\*NNSF\*TILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLAC\*WYLEEY\*RGR\*QYHTPMQNKTNYKQVAGSRKSNVCPTHRRTN\*MFIKYYRVTINKRWW\*\*\*REPDRDLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSAAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGLHLE\*HDLDGVGERN\*QLHRLNIQLN\*RIAEPTRKK\*ARIIGIG\*MGKFVDLV\*HIKLAVVYKNLHNDSRRLDRFKNSFYCTFHSK\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.1990.FJ496163.acute\_infection

MEPVDHRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFMTKGLGISYGRKKRRQRRRSPQNSQTHQDSLSKQ\*VVHVMQSLQILAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKINPTLCYFKLH\*CECD\*FEE\*D\*YQ\*\*\*WRGKDGGGRNEKLLFQCHHTHKK\*EKD\*ICTFL\*T\*CNANRS\*\*YKLYVDKL\*LLNHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKGTL\*KCQHSTMYTRN\*TSSVNPIAVKWQSSRRRHSN\*I\*KFHGQC\*KHNSTAECIHRN\*LYKTQQQYKKKDNFRTRESTLYNRRNNRRYKTSTL\*P\*\*NKLE\*HFKTDS\*KIKRNKTI\*E\*NNSF\*TILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLAC\*WYLEEY\*RGR\*QYHTPMQNKTNYKQVAGSRKSNVCPTHRRTN\*MFIKYYRVTINKRWW\*\*\*REPDRDLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSAAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGLHLE\*HDLDGVGERN\*QLHRLNIQLN\*RIAQQEKNEQELLELDKWASLWTWFDISNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTHLPAPRGPDRPEGIEEEGGERDRDRSGRL

>B.1990.FJ496164.acute\_infection

MEPVDHRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFMTKGLGISYGRKKRRQRRRSPQNSQTHQDSLSKQ\*VVHVMQSLQILAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CYRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKINPTLCYFKLH\*CECD\*FEE\*D\*YQ\*\*\*WRGKDGGGRNEKLLFQCHHTHKK\*EKD\*ICTFL\*T\*CNANRS\*\*YKLYVDKL\*LLNHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKGTL\*KCQHSTMYTRN\*TSSVNPIAVKWQSSRRRHSN\*I\*KFHGQC\*KHNSTAECIHRN\*LYKTQQQYKKKDNFRTRESTLYNRRNNRRYKTSTL\*P\*\*NKLE\*HFKTDS\*KIKRNKTI\*E\*NNSF\*TILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLAC\*WYLEEY\*RGR\*QYHTPMQNKTNYKQVAGSRKSNVCPTHRRTN\*VFIKYYRVTINKRWW\*\*\*REPDRDLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSAAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGLHLE\*HDLDGVGERN\*QLHRLNIQLN\*RIAEPTRKK\*ARIIGIG\*MGRFVDLV\*HIKLAVVYKNLHNDSRRLDRFKNSFYCTFHSK\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.1990.FJ496165.acute\_infection

MEPVDHRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFMTXGLGISYGRKKRRQRRRSPQNSQTHQDSLSKQ\*VVHVMQSLQILAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKINPTLCYFKLH\*CECD\*FEE\*D\*YQ\*\*\*WRGKDGGGRNEKLLFQCHHTHKK\*EKD\*ICTFL\*T\*CNANRS\*\*YKLYVDKL\*LLNHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKGTL\*KCQHSTMYTRN\*TSSVNPIAVKWQSSRRRHSN\*I\*KFHGQC\*KHNSTAECIHRN\*LYKTQQQYKKKDNFRTRESTLYNRRNNRRYKTSTL\*P\*\*NKLE\*HFKTDS\*KIKRNKTI\*E\*NNSF\*TILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLAC\*WYLEEY\*RGR\*QYHTPMQNKTNYKQVAGSRKSNVCPTHRRTN\*MFIKYYRVTINKRWW\*\*\*REPDRDLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSAAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGLHLE\*HDLDGVGERN\*QLHRLNIQLN\*RIAEPTRKK\*ARIIGIG\*MGKFVDLV\*HIKLAVVYKNLHNDSRRLDRFKNSFYCTFHSK\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.1990.FJ496166.acute\_infection

MEPVDHRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFMTKGLGISYGRKKRRQRRRSPQNSQTHQDSLSKQ\*VVHVMQSLQILAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKINPTLCYFKLH\*CECD\*FEE\*D\*YQ\*\*\*WRGKDGGGRNEKLLFQCHHTHKK\*EKD\*ICTFL\*T\*CNANRS\*\*YKLYVDKL\*LLNHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKGTL\*KCQHSTMYTRN\*TSSVNPIAVKWQSSRRRHSN\*I\*KFHGQC\*KHNSTAECIHRN\*LYKTQQQYKKKDNFRTRESTLYNRRNNRRYKTSTL\*P\*\*NKLE\*HFKTDS\*KIKRNKTI\*E\*NNSF\*TILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLAC\*WYLEEY\*RGR\*QYHTPMQNKTNYKQVAGSRKSNVCPTHRRTN\*MFIKYYRVTINKRWW\*\*\*REPDRDLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSAAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGLHLE\*HDLDGVGERN\*QLHRLNIQLN\*RIAEPTRKK\*ARIIGIG\*MGKFVDLV\*HIKLAVVYKNLHNDSRRLDRFKNSFYCTFHSK\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.2000.FJ496167.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRTPNDSQDHQASLSKQ\*VIYVMQPLEILAVVALVVALILAIVVWTIVYIEYRKIQKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDE\*CCRTIVGYSLLWGACVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*CDYQ\*Y\*W\*YR\*CYYERRNEKLLF\*YYHSHKR\*DTERICTFL\*T\*YSTNRRKEYQYQL\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKGTM\*KCQYSTMYTWN\*ASSINSTIAKWQSSRRRHNNQI\*KFHKQW\*KHNSTAEGTCKNQLYKTRQQYKEKYKYRTRESILCNRSHNRRYKKSTL\*HKHRTME\*HFNTNS\*QVKRTIWE\*NNNL\*PILRRGSRSCNAHF\*LWRGIFLL\*FNTTV\*\*YLV\*\*WY\*YLE\*YCRQYHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LFIKYYRVDINKRWW\*\*Q\*PERNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDAGSCVPWVLGSCRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*TAPGKSPGYRKILKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IL\*LHLE\*HDLDAVGKRN\*QLHRLHIHLN\*RIAEPTRKK\*TRIIGTR\*VGKFVELV\*HNKLAVVYKIIHNDNRRLGRFKNSLCCTFYSE\*S\*AGILTIIISDPPPKPEGTRQARRNRRRRWRERQRQIRTI

>B.2000.FJ496168.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRTPNDSQDHQASLSKQ\*VIYVMQPLEILAVVALVVALILAIVVWTIVYIEYRKIQKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDE\*CCRTIVGYSLLWGACVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*CDYQ\*Y\*W\*YR\*CYYERRNEKLLF\*YYHSHKR\*DTERICTFL\*T\*YSTNRRKEYQYQL\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKGTM\*KCQYSTMYTWN\*ASSINSTIAKWQSSRRRHNNQI\*KFHKQW\*KHNSTAEGTCKNQLYKTRQQYKEKYKYRTRESILCNRSHNRRYKKSTL\*HKHRTME\*HFNTNS\*QVKRTIWE\*NNNL\*PILRRGSRSCNAHF\*LWRGIFLL\*FNTTV\*\*YLV\*\*WY\*YLE\*YCRQYHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LFIKYYRVDINKRWW\*\*Q\*PE\*NLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDAGSCVPWVLGSCRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*TAPGKSPGYRKILKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IL\*LHLE\*HDLDAVGKRN\*QLHRLHIHLN\*RIAEPTRKK\*TRIIGTR\*VGKFVELV\*HNKLAVVYKIIHNDNRRLGRFKNSLCCTFYSE\*S\*AGILTIIISDPPPKPEGTRQARRNRRRGWRERQRQIRTI

>B.2000.FJ496169.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRTPNDSQDHQASLSKQ\*VIYVMQPLEILAVVALVVALILAIVVWTIVYIEYRKIQKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDE\*CCRTIVGYSLLWGACVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*CDYQ\*Y\*W\*YR\*CYYERRNEKLLF\*YYHSHKR\*DTERICTFL\*T\*YSTNRRKEYQYQL\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKGTM\*KCQYSTMYTWN\*ASSINSTIAKWQSSRRRHNNQI\*KFHKQW\*KHNSTAEGTCKNQLYKTRQQYKEKYKYRTRESILCNRSHNRRYKKSTL\*HKHRTME\*HFNTNS\*QVKRTIWE\*NNNL\*PILRRGSRSCNAHF\*LWRGIFLL\*FNTTV\*\*YLV\*\*WY\*YLE\*YCRQYHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LFIKYYRVDINKRWW\*\*Q\*PERNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDAGSCVPWVLGSCRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*TAPGKSPGYRKILKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IL\*LHLE\*HDLDAVGKRN\*QLHRLHIHLN\*RIAEPTRKKMN\*NYWN\*ISGQVCGIGLT\*QIGCGI\*NYS\*\*\*\*EAW\*V\*E\*FVLYFL\*\*IELGRDTHHYHFRPASQTRGDPTGQKKQKEKVERETETDPHD\*

>B.2000.FJ496170.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRTPNDSQDHQASLSKQ\*VIYVMQPLEILAVVALVVALILAIVVWTIVYIEYRKIQKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDE\*CCRTIVGYSLLWGACVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*CDYQ\*Y\*W\*YR\*CYYERRNEKLLF\*YYHSHKR\*DTERICTFL\*T\*YSTNRRKEYQYQL\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKGTM\*KCQYSTMYTWN\*ASSINSTIAKWQSSRRRHNNQI\*KFHKQW\*KHNSTAEGTCKNQLYKTRQQYKEKYKYRTRESILCNRSHNRRYKKSTL\*HKHRTME\*HFNTNS\*QVKRTIWE\*NNNL\*PILRRGSRSCNAHF\*LWRGIFLL\*FNTTV\*\*YLV\*\*WY\*YLE\*YCRQYHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LFIKYYRVDINKRWW\*\*Q\*PERNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDAGSCVPWVLGSCRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*TAPGKSPGYRKILKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IL\*LHLE\*HDLDAVGKRN\*QLHRLHIHLN\*RIAEPTRKK\*TRIIGTR\*VGKFVELV\*HNKLAVVYKIIHNDNRRLGRFKNSLCCTFYSE\*S\*AGILTIIISDPPPKPEGTRQARRNRRRRWRERQRQIRTI

>B.2000.FJ496171.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRTPNDSQDHQASLSKQ\*VIYVMQPLEILAVVALVVALILAIVVWTIVYIEYRKIQKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDE\*CCRTIVGYSLLWGACVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*CDYQ\*Y\*W\*YR\*CYYERRNEKLLF\*YYHSHKR\*DTERICTFL\*T\*YSTNRRKEYQYQL\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKGTM\*KCQYSTMYTWN\*ASSINSTIAKWQSSRRRHNNQI\*KFHKQW\*KHNSTAEGTCKNQLYKTRQQYKEKYKYRTRESILCNRSHNRRYKKSTL\*HKHRTME\*HFNTNS\*QVKRTIWE\*NNNL\*PILRRGSRSCNAHF\*LWRGIFLL\*FNTTV\*\*YLV\*\*WY\*YLE\*YCRQYHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LFIKYYRVDINKRWW\*\*Q\*PERNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDAGSCVPWVLGSCRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*TAPGQSPGYRKILKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IL\*LHLE\*HDLDAVGKRN\*QLHRLHIHLN\*RIAEPTRKK\*TRIIGTR\*VGKFVELV\*HNKLAVVYKIIHNDNRRLGRFKNSLCCTFYSE\*S\*AGILTIIISDPPPKPEGTRQARRNRRRRWRERQRQIRTI

>B.2000.FJ496172.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRTPNDSQDHQASLSKQ\*VIYVMQPLEILAVVALVVALILAIVVWTIVYIEYRKIQKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDE\*CCRTIVGYSLLWGACVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*CDYQ\*Y\*W\*YR\*CYYERRNEKLLF\*YYHSHKR\*DTERICTFL\*T\*YSTNRRKEYQYQL\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKGTM\*KCQYSTMYTWN\*ASSINSTIAKWQSSRRRHNNQI\*KFHKQW\*KHNSTAEGTCKNQLYKTRQQYKEKYKYRTRESILCNRSHNRRYKKSTL\*HKHRTME\*HFNTNS\*QVKRTIWE\*NNNL\*PILRRGSRSCNAHF\*LWRGIFLL\*FNTTV\*\*YLV\*\*WY\*YLE\*\*CRQYHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LFIKYYRVDINKRWW\*\*Q\*PERNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDAGSCVPWVLGSCRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*TAPGKSPGYRKILKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IL\*LHLE\*HDLDAVGKRN\*QLHRLHIHLN\*RIAEPTRKK\*TRIIGTR\*VGKFVELV\*HNKLAVVYKIIHNDNRRLGRFKNSLCCTFYSE\*S\*AGILTIIISDPPPKPEGTRQARRXRRRRWRERQRQIRTI

>B.2000.FJ496174.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRTPNDSQDHQASLSKQ\*VIYVMQPLEILAVVALVVALILAIVVWTIVYIEYRKIQKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDE\*GCRTIVGYSLLWGACVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*CDYQ\*Y\*W\*YR\*CYYERRNEKLLF\*YYHSHKR\*DTERICTFL\*T\*YSTNRRKEYQYQI\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKGTM\*KCQYSTMYTWN\*ASSINSTIAKWQSSRRRHNNQI\*KFHKQW\*KHNSTAEGTCKNQLYKTRQQYKEKYKYRTRESILCNRSHNRRYKKSTL\*HKHRTME\*HFNTNS\*QVKRTIWE\*NNNL\*PILRRGSRSCNAHF\*LWRGIFLL\*FNTTV\*\*YLV\*\*WY\*YLE\*YCRQYHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LFIKYYRVDINKRWW\*\*Q\*PERNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDAGSCVPWVLGSCRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*TAPGKSPGYRKILKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IL\*LHLE\*HDLDAVGKRN\*QLHRLHIHLN\*RIAEPTRKK\*TRIIGTR\*VGKFVELV\*HNKLAVVYKIIHNDNRRLGRFKNSLCCTFYSE\*S\*AGILTIIISDPPPKPEGTRQARRNRRRRWRERQRQIRTI

>B.2000.FJ496175.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRTPNDSQDHQASLSKQ\*VIYVMQPLEILAVVALVVALILAIVVWTIVYIEYRKIQKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDE\*CCRTIVGYSLLWGACVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*CDYQ\*Y\*W\*YR\*CYYERRNEKLLF\*YYHSHKR\*DTERICTFL\*T\*YSTNRRKEYQYQL\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKGTM\*KCQYSTMYTWN\*ASSINSTIAKWQSSRRRHNNQI\*KFHKQW\*KHNSTAEGTCKNQLYKTRQQYKEKYKYRTRESILCNRSHNRRYKKSTL\*HKHRTME\*HFNTNS\*QVKRTIWE\*NNNL\*PILRRGSRSCNAHF\*LWRGIFLL\*FNTTV\*\*YLV\*\*WY\*YLE\*YCRQYHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LFIKYYRVDINKRWW\*\*Q\*PERNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDAGSCVPWVLGSCRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*TAPGKSPGYRKILKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IL\*LHLE\*HDLDAVGKRN\*QLHRLHIHLN\*RIAEPTRKK\*TRIIGTR\*VGKFVELV\*HNKLAVVYKIIHNDNRRLGRFKNSLCCTFYSE\*S\*AGILTIIISDPPPKPEGTRQARRNRRRRWRERQRQIRTI

>B.2000.FJ496176.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRTPNDSQDHQASLSKQ\*VIYVMQPLEILAVVALVVALILAIVVWTIVYIEYRKIQKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDE\*CCRTIVGYSLLWGACVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*CDYQ\*Y\*W\*YR\*CYYERRNEKLLF\*YYHSHKR\*DTERICTFL\*T\*YSTNRRKEYQYQL\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKGTM\*KCQYSTMYTWN\*ASSINSTIAKWQSSRRRHNNQI\*KFHKQW\*KHNSTAEGTCKNQLYKTRQQYKEKYKYRTRESILCNRSHNRRYKKSTL\*HKHRTME\*HFNTNS\*QVKRTIWE\*NNNL\*PILRRGSRSCNAHF\*LWRGIFLL\*FNTTV\*\*YLV\*\*WY\*YLE\*YCRQYHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LFIKYYRVDINKRWW\*\*Q\*PERNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDAGSCVPWVLGSCRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*TAPGKSPGYRKILKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IL\*LHLE\*HDLDAVGKRN\*QLHRLHIHLN\*RIAEPTRKK\*TRIIGTR\*VGKFVELV\*HNKLAVVYKIIHNDNRRLGRFKNSLCCTFYSE\*S\*AGILTIIISDPPPKPEGTRQARRNRRRRWRERQRQIRTI

>B.2000.FJ496177.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRTPNDSQDHQASLSKQ\*VIYVMQPLEILAVVALVVALILAIVVWTIVYIEYRKIQKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDE\*CCRTIVGYSLLWGACVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*CDYQ\*Y\*W\*YR\*CYYERRNEKLLF\*YYHSHKR\*DTERICTFL\*T\*YSTNRRKEYQYQL\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKGTM\*KCQYSTMYTWN\*ASSINSTIAKWQSSRRRHNNQI\*KFHKQW\*KHNSTAEGTCKNQLYKTRQQYKEKYKYRTRESILCNRSHNRRYKKSTL\*HKHRTME\*HFNTNS\*QVKRTIWE\*NNNL\*PILRRGSRSCNAHF\*LWRGIFLL\*FNTTV\*\*YLV\*\*WY\*YLE\*YCRQYHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LFIKYYRVDINKRWW\*\*Q\*PERNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDAGSCVPWVLGSCRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*TAPGKSPGYRKILKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IL\*LHLE\*HDLDAVGKRN\*QLHRLHIHLN\*RIAEPTRKK\*TRIIGTR\*VGKFVELV\*HNKLAVVYKIIHNDNRRLGRFKNSLCCTFYSE\*S\*AGILTIIISDPPPKPEGTRQARRNRRRRWRERQRQIRTI

>B.2000.FJ496178.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRTPNDSQDHQASLSKQ\*VIYVMQPLEILAVVALVVALILAIVVWTIVYIEYRKIQKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDE\*CCRTIVGYSLLWGACVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*CDYQ\*Y\*W\*YR\*CYYERRNEKLLF\*YYHSHKR\*DTERICTFL\*T\*YSTNRRKEYQYQL\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKGTM\*KCQYSTMYTWN\*ASSINSTIAKWQSSRRRHNNQI\*KFHKQW\*KHNSTAEGTCKNQLYKTRQQYKEKYKYRTRESILCNRSHNRRYKKSTL\*HKHRTME\*HFNTNS\*QVKRTIWE\*NNNL\*PILRRGSRSCNAHF\*LWRGIFLL\*FNTTV\*\*YLV\*\*WY\*YLE\*YCRQYHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LFIKYYRVDINKRWW\*\*Q\*PERNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDAGSCVPWVLGSCRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*TAPGKSPGYRKILKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IL\*LHLE\*HDLDAVGKRN\*QLHRLHIHLN\*RIAEPTRKK\*TRIIGTR\*VGKFVELV\*HNKLAVVYKIIHNDNRRLGRFKNSLCCTFYSE\*S\*AGILTIIISDPPPKPEGTRQARRNRRRRWRERQRQIRTI

>B.2000.FJ496179.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRTPNDSQDHQASLSKQ\*VIYVMQPLEILAVVALVVALILAIVVWTIVYIEYRKIQKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDE\*CCRTIVGYSLLWGACVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRSSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*CDYQ\*Y\*W\*YR\*CYYERRNEKLLF\*YYHSHKR\*DTERICTFL\*T\*YSTNRRKEYQYQL\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKGTM\*KCQYSTMYTWN\*ASSINSTIAKWQSSRRRHNNQI\*KFHKQW\*KHNSTAEGTCKNQLYKTRQQYKEKYKYRTRESILCNRSHNRRYKKSTL\*HKHRTME\*HFNTNS\*QVKRTIWE\*NNNL\*PILRRGSRSCNAHF\*LWRGIFLL\*FNTTV\*\*YLV\*\*WY\*YLE\*YCRQYHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LFIKYYRVDINKRWW\*\*Q\*PERNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDAGSCVPWVLGSCRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*TAPGKSPGYRKILKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IL\*LHLE\*HDLDAVGKRN\*QLHRLHIHLN\*RIAEPTRKK\*TRIIGTR\*VGKFVELV\*HNKLAVVYKIIHNDNRRLGRFKNSLCCTFYSE\*S\*AGILTIIISDPPPKPEGTRQARRNRRRRWRERQRQIRTI

>B.2000.FJ496180.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRTPNDSQDHQASLSKQ\*VIYVMQPLEILAVVALVVALILAIVVWTIVYIEYRKIQKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDE\*CCRTIVGYSLLWGACVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*CDYQ\*Y\*W\*YR\*CYYERRNEKLLF\*YYHSHKR\*DTERICTFL\*T\*YSTNRRKEYQYQL\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKGTM\*KCQYSTMYTWN\*ASSINSTIAKWQSSRRRHNNQI\*KFHKQW\*KHNSTAEGTCKNQLYKTRQQYKEKYKYRTRESILCNRSHNRRYKKSTL\*HKHRTME\*HFNTNS\*QVKRTIWE\*NNNL\*PILRRGSRSCNAHF\*LWRGIFLL\*FNTTV\*\*YLV\*\*WY\*YLE\*YCRQYHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LFIKYYRVDINKRWW\*\*Q\*PERNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDAGSCVPWVLGSCRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*TAPGKSPGYRKILKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IL\*LHLE\*HDLDAVGKRN\*QLHRLHIHLN\*RIAEPTRKK\*TRIIGTR\*VGKFVELV\*HNKLAVVYKIIHNDNRRLGRFKNSLCCTFYSE\*S\*AGILTIIISDPPPKPEGTRQARRNRRRRWRERQRQIRTI

>B.2000.FJ496181.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRTPNDSQDHQASLSKQ\*VIYVMQPLEILAVVALVVALILAIVVWTIVYIEYRKIQKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDE\*CCRTIVGYSLLWGACVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*CDYQ\*Y\*W\*YR\*CYYERRNEKLLF\*YYHSHKR\*DTERICTFL\*T\*YSTNRRKEYQYQL\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKGTM\*KCQYSTMYTWN\*ASSINSTIAKWQSSRRRHNNQI\*KFHKQW\*KHNSTAEGTCKNQLYKTRQQYKEKYKYRTRESILCNRSHNRRYKKSTL\*HKHRTME\*HFNTNS\*QVKRTIWE\*NNNL\*PILRRGSRSCNAHF\*LWRGIFLL\*FNTTV\*\*YLV\*\*WY\*YLE\*YCRQYHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LFIKYYRVDINKRWW\*\*Q\*PERNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDAGSCVPWVLGSCRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*TAPGKSPGYRKILKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IL\*LHLE\*HDLDAVGKRN\*QLHRLHIHLN\*RIAEPTRKK\*TRIIGTR\*VGKFVELV\*HNKLAVVYKIIHNDNRRLGRFKNSLCCTFYSE\*S\*AGILTIIISDPPPKPEGTRQARRNRRRRWRERQRQIRTI

>B.2000.FJ496182.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRTPNDSQDHQASLSKQ\*VIYVMQPLEILAVVALVVALILAIVVWTIVYIEYRKIQKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDE\*CCRTIVGYSLLWGACVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*CDYQ\*Y\*W\*YR\*CYYERRNEKLLF\*YYHSHKR\*DTERICTFL\*T\*YSTNRRKEYQYQL\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKGTM\*KCQYSTMYTWN\*ASSINSTIAKWQSSRRRHNNQI\*KFHKQW\*KHNSTAEGTCKNQLYKTRQQYKEKYKYRTRESILCNRSHNRRYKKSTL\*HKHRTME\*HFNTNS\*QVKRTIWE\*NNNL\*PILRRGSRSCNAHF\*LWRGIFLL\*FNTTV\*\*YLV\*\*WY\*YLE\*YCRQYHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LFIKYYRVDINKRWW\*\*Q\*PERNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDAGSCVPWVLGSCRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*TAPGKSPGYRKILKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IL\*LHLE\*HDLDAVGKRN\*QLHRLHIHLN\*RIAEPTRKK\*TRIIGTR\*VGKFVELV\*HNKLAVVYKIIHNDNRRLGRFKNSLCCTFYSE\*S\*AGILTIIISDPPPKPEGTRQARRNRRRRWRERQRQIRTI

>B.2000.FJ496184.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRTPNDSQDHQASLSKQ\*VIYVMQPLEILAVVALVVALILAIVVWTIVYIEYRKIQKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDE\*CCRTIVGYSLLWGACVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*CDYQ\*Y\*W\*YR\*CYYERRNEKLLF\*YYHSHKR\*DTEKICTFL\*T\*YSTNRRKEYQYQL\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFYDSKV\*\*\*DIQWKGTM\*KCQYSTMYTWN\*ASSINSTIAKWQSSRRRHNNQI\*KFHKQW\*KHNSTAEGTCKNQLYKTRQQYKEKYKYRTRESILCNRSHNRRYKKSTL\*HKHRTME\*HFNTNS\*QVKRTIWE\*NNNL\*PILRRGSRSCNAHF\*LWRGIFLL\*FNATV\*\*YLV\*\*WY\*YLK\*YCRQYHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LFIKYYRVDINKRWW\*\*Q\*PERNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDAGSCVPWVLGSCRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*TAPGKSPGYKKILKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IL\*LHLE\*HDLDAVGKRN\*QLHRLHIHLN\*RIAEPTRKK\*TRIIGTR\*VGKFVELV\*HNKLAVVYKIIHNDNRRLGRFKNSLCCTFYSE\*S\*AGILTIIISDPPPKPEGTRQARRNRRRRWRERQRQICTI

>B.1985.FJ647145.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFIKKALGISYGRKKRRQRRRAPQSSQTHQVSLSKQ\*VVHVMQSLHILAIVALVVAIIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRIF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LEEYY\*YH\*\*WRGNDGGRRNEKLLFQHHHKLKR\*GAERICTSL\*T\*CSANRE\*\*\*\*FQI\*VDKL\*HLSHYTGLSKSILSXNSHTLLCPGWFCDSKV\*R\*EVRGKRAVYKCQHSTMYTWN\*ASSINSTXVKWQSSRRRGSN\*I\*QFHEQC\*NHNSTTERICRN\*LYKAQQQYKKKYTYRTRESILYNRRNNRRYKTSIL\*H\*\*YKME\*HFKTDSWKIKRKIWE\*NNSF\*SILRRGHRNCNAQF\*LWRGIFLL\*LNTTV\*\*YLECKWY\*RVK\*H\*QKYHTPMQDKTNYKHVADSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*RERSRKFTRRRRYEGQLEK\*II\*I\*SIKN\*SIRSSTPQGQEKSGAKSKKSSGNRSCVLWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*DLA\*HDLDGVGKRN\*QLHKLNIQLT\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSFCCTFYSE\*S\*AGILTIIVADPPASSLEGTRQARRNRRRRWRERQRQIRWI

>B.2008.FJ670524.-

MEPVDPRLEPWKHPGSKPGTPCTACYCKKCCFHCQLCFTTKGLGISYGRKKRRQRRRAPQNSENHQVSLSKQ\*VVHVMQPLEILAIVALVVAAILAIVVWTIVYIEYRKIVTQRKIDRLLDRISERAEDSGNESEGDQEELSALMEMGHNAPWVVNDL\*CCRKFVGHSLLWSTSVERSNHHAILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTGNSIGKCDRKF\*HVEK\*HGRADA\*GYNRFMGSKPKTMCKINPTLCYLTLH\*YY\*Y\*WH\*\*GYDRRNKKLLFQYHHSSKR\*GAETICTFLYT\*YSTNKH\*E\*D\*ELYKL\*VGKL\*YLSHYTGLSKNIL\*ANSHTLLRPGWFCDSKV\*\*SDIQWKRTM\*KCQHSTMYTWN\*ASSINSTTVKWQFSRRGSS\*I\*KFHK\*CQNHNSAAK\*IYKNQLYKTQQQYKKKYTYRTRESILCTRHNRRYKTSTL\*H\*\*RKME\*HSRTGS\*KIKRTIREQNNNF\*SDHRRGPRNCNAQF\*LWRGIFLL\*FNNTV\*\*YLVF\*WYLE\*YK\*\*\*YHHTPMQNKTNCKHVAGSRKSNVCPSHQGTN\*MLIKYYRADINKRWWX\*\*QQHQ\*DLQTWRRRYEGQLEK\*II\*I\*SSKT\*TIRNSTHQGKEKSGAKREKSSGNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IL\*ADME\*HDMDGVGKGN\*QLHRLNIQPN\*KFAKPARKE\*TRVVGIG\*MGKFVELV\*HHKVAVVYKNIHNDSRRIDRVKNSFYCTFYSK\*S\*AGIFTIIVSDPFPSPEGTRQARRNRRRRWRARQRQIQAI

>B.2008.FJ670525.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRSPQHSEIHQDSLSKQ\*VIHVMQPLVILAIVALVVATIIAIVVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDEEALAALVERGHDAPWDIDDL\*CCRTIMGHSLLWGTCVEGSNYHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSTISKCNRKF\*YVXK\*YGRTDA\*RYNQFMGSKPKAMCKINPALCYFKLQ\*YLEKLH\*\*YLQK\*KLGRHERNEKLLFQCHCRYKR\*GTESTCFVLYT\*YSTNR\*G\*E\*\*L\*VGKL\*HLRHYTSLSKGNL\*ANSYTLLCPGWFCDSKM\*G\*KVQWKRTM\*QC\*YSTMYTWN\*ASSINSTAVKWQPSRRRSSN\*ICQFLRQCQNHNSTAK\*ICRN\*LYKTQ\*QYKTRYTYRTRESILCNNRHSGKYKKSTL\*H\*\*NKMGKHFRTGS\*KIKGTI\*\*NNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNNAVY\*E\*Y\*E\*YCDHTPLQNKTNYKHVAGSRKSNVCPSHQRTN\*LHIKYNRAVITERWW\*\*Q\*\*HK\*HK\*DLQTGRRRYEGQLEE\*II\*I\*SSKN\*TIRTSTHQGKEKSGAKRKKSSGNRSYVPWXLECSRKHDGRSVNNADGTVQTIIVWYSAAAEQPAEGY\*GATASVATHSLGHQTAPGKSPGCGKISKGSTAPGDLGLLWKTHLHHFCALEY\*LE\*E\*ISG\*YLG\*HDLDAMGKRN\*QLHRLNIHLD\*GSAKTARQQ\*IRIIEVRYMGKFVELV\*HIKMAVVYKNIHNDSRRLGRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNSEGTRQARRNRRRRWRERQRHIHEI

>B.2008.FJ670531.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRASQGSQTRQVSLPKQ\*VVHVMQPLQILAIVALVVVTIIAIVVWSIVFIEYRKIVRQRKIDRIIDRIRERAEDSGNESEGDQEALSALMERGHDAPWVIDDL\*CCRTIVGHSLLWGTCVERCRCHSILCIRC\*RIWYRGT\*CLGHTCLCTHRPQPTRSTIGKCDRSF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPALCYFKLH\*CGECY\*YQ\*CY\*YQE\*\*RGTHGERRNEKLLFQYHHKHKR\*DAEGICTFL\*T\*CSTNRQ\*\*\*Y\*\*\*L\*VDKL\*HLSHYTGLSKSIF\*ANSHTLLCPGWVCDSKV\*\*\*NVQWKRTM\*KCQHSTMYTWN\*TSSINSTVVEWQSSRKRGSN\*I\*QFLRQC\*NHNSTAERIYSN\*LYKTQQQYKKKYTYGTRKSVLCNRRCNRRYKKSILYC\*\*NQLEQNFTTGS\*KIRRTI\*K\*VNNL\*SLLRRGPRNCNAHF\*L\*RGIFLL\*FKRTV\*\*YLEAG\*\*YLGAG\*WYFGFNNKWYCQYHTPMQNKTNCKPVAGSRESNVCPSHQRAN\*LHIKYYRAAINKRWW\*\*QKPVH\*DLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVSDVDGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGESPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*E\*\*ISGGYLE\*HDLDGVGKRN\*\*LHRHNIQLN\*RIAEPARKE\*ARIVGIG\*MGKFVELV\*HITMAVVHKNIYNDSRRLGRFKNSFYCTFYSK\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSL

>B.2007.FJ694790.-

MEPVDPRLEPWNHPGSQPKTACNKCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRPPQDSETHQVSLSKQ\*VVHVMQSLYILAIVALVVAAILAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNDSEGDQEELSKLVEMGHDAPWDIDDL\*CNRKIVGHSLLWGTCMERSKHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRSSIEKCDRKF\*CVEK\*HGRPNAGGYNQFMGSKPKAMCKINPTLCYFRLH\*LH\*YLKVQYHY\*CYQHQ\*SCSHNGDRRIKKLLFQYHHRNKR\*GTEGICTFL\*I\*CSTNKR\*\*\*\*E\*\*YQWG\*\*\*\*QQEN\*YQI\*VDKL\*HLSHYTGLSKDIL\*SNSHTLLCPGWFCDSKM\*Q\*DVQWKRTMHKCQHSTMHTWN\*ASSINSTAVEWQSSRRRCSDQI\*KFHRQC\*KHNSTAERVCTN\*LYKTQQQHKKRFSYRTRESSLCTRKDNRRYKKSILYP\*WNKME\*RFNSDS\*KIKRTIWGE\*NNNL\*SILRRGPRNCNAQF\*L\*RGIFLL\*YDTTVQ\*YVQWYFEEYYRVK\*HRE\*\*HNHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*LCVKYYRADINKRWG\*E\*\*RKRDLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHCGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*SAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*KSNSDLG\*HDLDAVGKRN\*QLHIINILLA\*RIAKPTRTE\*TRIIGVRQMG\*SVELV\*HNKLAVVYKTIHNDSRRLDRLKNSLYCAFYSE\*S\*AGILTIIVADPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2008.FJ853620.acute\_infection

MDPVDPNLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQVPLPKQ\*VVHVMQPLKIYTIVALVIVIIIAIVVWSIVLIEYRRILKQRKIDRLIDRIIDRAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CYRQTVGHSLLWGTCVERSNHHSILCIRC\*SI\*\*GDT\*CLGHACLCTHRPQPTRSSLGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGPKLTTMCKINPTLCYFKLH\*LQGKCY\*SK\*\*\*FRGRRNKKLLFQGHHKHKR\*VTENICTFL\*T\*CSTNK\*\*\*\*\*\*QL\*VDKL\*YLSHYTGLSQGIL\*ANSHTFLCPSWFCDSKV\*R\*EVQWKRRM\*KCQHSTMHTWN\*ASSINSTAVKWQFSRGRGSN\*I\*QYHR\*C\*NHNSTAETICKN\*LYKTQQQYKKKYKYRTRESILCSRRNNRRYKTSTL\*H\*\*NRME\*HFRTDS\*KIKGKI\*Q\*NNNL\*PIFRRGPRNCNAQF\*LSRGIFLL\*YNTTV\*\*YLE\*YY\*E\*H\*SWRKYYTHMQNKTNYKSVAGSRKSNVCPSHQRTN\*LFIKYYRDTINKGWG\*KQ\*\*Y\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGNRSCDPWVLGSSRKHYGRSINNADGTGQAITVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISGGYLG\*YDLDAVGKGN\*QLHKLNIQPN\*RIAEPARKE\*TRIVGIGQMGKFVELV\*YNKLAVVYKNIYNDSRRLSRFKNSFYCTFYSE\*S\*EGILTIIVADPPPKPEGTRQARRNRRRRWRERQGQIRTI

>B.2008.FJ853622.acute\_infection

MDPVDPRLEPWKHPGSQPETPCTPCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPQGRQTNQVSLSKQ\*VIHVMQPLVVLAIVALVVTGILAIVVWSAVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CYR\*IVGHSVLWGTYMERSNYYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSTIGKCDRTF\*HVEK\*YGRTDA\*RYNQFMGSKPKAMCKINPTLCCFKLH\*CE\*HCLCE\*D\*RRERNEKLLFQYHLKSRKGIAERVCTLL\*SGYSTIRY\*\*Y\*\*YL\*VDKM\*YLSHYTGLSKGVL\*ANSHTLLCPGWFCASKV\*R\*EVQWIRTMYKCQHSTMYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*KFHE\*C\*NYNSTAEGTCKN\*LYKTQQQYKKKYTPRSRESNLYNRSHNRKYKTSTL\*H\*LGRLE\*SFKPDSYKIKRTI\*E\*NNSLSEFLRRGLGNCNAQF\*LRRRIFLL\*YNNTV\*QYLV\*\*WKFK\*L\*KKWHHHHTPM\*NKANYKHVAGSRKSNICPSYRRTN\*LFIKYYRAAINKRWW\*QN\*\*\*PDRDIQT\*RGKYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSSGNDGSYVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAKQLAEGY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISK\*YLG\*HDLDGVGKXN\*QLHKLNIHLT\*KIAEPTRKE\*TRITGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCAFYSEKS\*AGIFTIVISDPPPNSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.FJ919963.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKQCCYHCQVCFTTKGLGISYGRKKRRQRRRPAQGSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*YVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFRLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHRR\*VAKRICTFL\*T\*CSTNRYKK\*YF\*I\*VNKL\*HLSHYTGLSKGILRANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KCQHSTMYTWN\*ASSNNTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQLYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKLCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLQFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRRH\*LFIKYYRTDINKRWW\*\*\*E\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEY\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIQTL

>B.2008.FJ919964.-

MDPVDPRLEPWKHPGSQPKTACTPCYCKQCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQGSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFRLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYRK\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KCQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQLYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKLCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLQFNSAV\*\*YMGEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRRH\*LFIKYYRTDINKRWW\*\*W\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKNRTIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEY\*LE\*\*ISERNLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIQTL

>B.2008.FJ919965.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKNCCYHCQVCFTTKGLGISYGRKKRRQRRRPAQGSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFRLH\*L\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYRK\*YF\*I\*VNKL\*HLSHYTGLSKGILRANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KCQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQLYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKLCS\*QIKRTI\*E\*SNSL\*PFLRRGSRNCNAHF\*LWRRIFLLQFNSAV\*\*YMEEK\*HLDWHYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRRH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEY\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2008.FJ919966.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKQCCYHCQVCFTTKGLGISYGRKKRRQRRRSAQDSKTNQAPLPKQ\*VASVMQYLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRTGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFRLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VTKRICTFL\*T\*CSTNRYRK\*YF\*I\*VNKL\*HLSHYTGLSKGILRANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KCQHSTMYTWN\*ASSINTAAVEWQSSRKRGSN\*I\*KFHKQC\*NHTSTAEHICSNQLYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCSCQIKRTI\*G\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLQFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRRH\*LFIKYYRTDINKRWW\*Y\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGPTAPRDLGLLWKSHLHHYCALE\*\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIQTL

>B.2008.FJ919967.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKQCCYHCQVCFTTKGLGISYGRKKRRQRRRPAQGSKTNQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFRLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYRK\*YF\*I\*VNKL\*HLSHYTGLSKGILRANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KCQHSTMYTWN\*ASSINTAAVKWQSSRRGGSN\*I\*KFHKQC\*NHTSTAEHICSNQLYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKLCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLQFNSAV\*\*YMGEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRRH\*LFIKYYRTDINKRWW\*\*\*W\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKGHLHHYCALE\*\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIQTL

>B.2008.GQ372988.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCTKCYCKSCCFHCQVCFITKGLGISYGRKKRRQRRRPHQDSSPDQVSLSKQ\*VVHVMQPLVIAAIVALVVVAIIAIVVWTIVILEYRKILKQRKIDRLIDRIIERAEDSGNESDGDQEELSALVERGHLAPWNVDDDL\*C\*STRKIVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*CLGHTCLCAHRP\*STRSRIGKCDRKF\*HVEK\*YGRTDA\*GYN\*FMG\*KPKAMCKNNPTLCYFKLQSVLYQCYQ\*YQ\*\*YHCCQYQ\*\*\*WVRRDNGRTKKLLFQCHRGNKQEDAKRICNF\*\*N\*YSKNK\*\*KLYVEKL\*HLSH\*TSLSKGIL\*TNSHTLLYPGWFCDSKV\*G\*GVQWNRTMWKCQHSTMYTWN\*ASSVNSTAVKWQPIRRRYNDQVSKFHKQC\*NYNSTAESIYRN\*LYKTQQQYKKEYTCRMGESIIYNRTNNRRYKKGTL\*H\*SNKVEQRFIQDSSKIKRTI\*E\*NNKIYELLRRGPRNCNTQF\*LCRGILLL\*YIKAV\*\*YVV\*\*\*YLVQ\*YYE\*N\*YK\*HYHDSMQDKTNYKQVARSRKSNVCPSHQWTS\*MFIKYYRAVINKRWWWRPEPD\*KPD\*DLQTWRRRYEGQLEK\*II\*V\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSHADGTGQTIVVWYSATAEQLAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISKYNLE\*HDMAGVGERN\*QLHRLNIHLA\*RIAKPTRKE\*TRITRIG\*VGKFMELV\*YIKLAVVYKNIHNDSRRLNRFKNSLCCTCFSE\*S\*AGILTLIIPDPPPRTEGTRQARRNRRRRWRERQRKIQSI

>B.2008.GQ372990.acute\_infection

MEPVNPSLEPWEHPGSRPRTACTRCYCKKCCFHCPKCFLTKGLGISYGRKKRRQRRKSPQDSKTHQVSLSKQ\*VNTCNAIFNNSINSRISSSRNNSNSSVVYSIHRI\*ENIKTKKNRKVN\*\*NKRKSRRQWQ\*Q\*RGSGRIIFTYGNGARCSLGY\*\*SVVLQTSCGSQSIMGYLCGKKLPPLYFVHQMLKHIIQKGIIFGPHMHVYPQTPTHKK\*IWKM\*QKILTYGKITW\*NRCMRI\*SAYGRKA\*SHV\*N\*LHSVLL\*IALML\*PIVTAQIPLANGGKRWRKEK\*KTALSRPTQS\*KTRNRNNMHCFINLM\*YKWRIIVPID\*\*VVTPQSLHRLVQRYPLSQFQYIIVPQLVLRF\*SVTIRHSVEKDHVQMSAQYNVHMELGQ\*YQLNCC\*MAV\*QKKT\*CLDLTISRTMLKP\*\*YS\*KPL\*ILLV\*DPTIIQEKVYI\*GQGEHFIQQEK\*\*EI\*DKHIVTLVENNGMTL\*DKWLPN\*ENNLGIVKQ\*PLSNPQEGTQKL\*CIVLIVEGNFSTVIQQNCLIVLGLIVLGIRIVLKIILMKTSHSNAE\*NNL\*TCGKK\*EKQCMPLPSKE\*LDARQTLQGYY\*QEMVVIIPQTGLRSSDLEEEI\*ETIGEVNYINIK\*\*KLSH\*E\*HPPRQREEWCREKKEQWD\*EPCSSGSWEXQEALWAQRH\*R\*RYKPECCCLV\*CNSRTIC\*ELLRRNNICCNSQSGALNSSRQESWRWKDT\*RINSSWGFGVALENSFAPLLCLGMLVGVINL\*KKFGKT\*PGCNGKRKLTITQT\*YTPYLKIRKTSKKRMNKNYWNWINGQVCGVGLT\*QIGCGI\*KYL\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*TELGRDIHQYRCRPASQPRGDPTGPEESKKKVESKTETDPVP\*

>B.1989.GQ386774.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILVVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDINDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386775.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILVVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDINDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*FY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386776.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILVVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDINDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386777.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILVVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDINDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386778.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILVVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDINDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386779.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQIVAVVALVVVAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*NLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*YCMGR\*H\*RK\*K\*HNHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDLQAWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQFN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386780.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQIVAVVALVVVAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*NLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*YCMGR\*H\*RK\*K\*HNHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDLQAWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQFN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386781.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQIVAVVALVVVAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*NLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*YCMGR\*H\*RK\*K\*HNHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDLQAWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQFN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGARQARRNRRRRWRERQRQIRSI

>B.1989.GQ386782.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQIVAVVALVVVAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*NLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*YCMGR\*H\*RK\*K\*HNHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDLQAWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQFN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386783.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQIVAVVALVVVAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*NLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*YCMGR\*H\*RK\*K\*HNHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDLQAWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQFN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386784.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*YRGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKDKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKNPGCGKIPKGSTAPGVLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386785.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*YRGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKDKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKNPGCGKIPKGSTAPGVLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386786.-

MKPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*YRGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKDKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKNPGCGKIPKGSTAPGVLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386787.-

MKPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*YRGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKDKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKNPGCGKIPKGSTAPGVLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386788.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKTNPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*IYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTYSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*RK\*K\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKIHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIHLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386789.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKTNPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*IYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTYSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*RK\*K\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKIHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIHLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386790.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKTNPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*IYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTYSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*RK\*K\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKIHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIHLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386791.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKTNPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*IYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTYSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*RK\*K\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKIHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIHLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386792.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SIRYRGT\*CLGHTCLCTHRPQPTRSKNGECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*L\*E\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*SEERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGVLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKPNIHLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386793.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SIRYRGT\*CLGHTCLCTHRPQPTRSKNGECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*L\*E\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*SEERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGVLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKPNIHLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386794.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIGECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*L\*E\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*SEERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGNN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTYSYKIKRTIWK\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*RERK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKNSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGVLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIHLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.GQ386795.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIGECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*L\*E\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*SEERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGNN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTYSYKIKRTIWK\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*RERK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGVLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIHLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1999.GU177863.symptomatic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMKKGLGISYGRKKRRQRRPAHQDSQTHQASLSKQ\*VVNVMQALTILAIVALVVAIIIAIVVWTIVFIEYRKVLRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFMEMGHHAPWDVDDL\*GCRKLVGHSLLWGTCMERSNYHSILCIRC\*SI\*DRGT\*YLGHTCLCTHRPQPTRSSLGKCDRKL\*HVEK\*HGRTDA\*RYNQFMG\*KPKAMCKINPTLCYFTLH\*FGEYY\*YQ\*\*YQ\*YDRGRRNEKLLFQYHHKHKN\*GARLCTFL\*T\*YSTNR\*\*\*YQL\*VDTL\*HLSHYTSLSKGIL\*ANSHTLLYPGWFYDSKV\*Q\*KVQGSRTMYKCQYSTMYTWN\*TSSINSTAVKWQFSRRRGSN\*I\*QFLGQC\*SHNSTAE\*ICRN\*LYKTQQQYKKKGKYRTRESMVYNKTNSRRYKTSTL\*H\*\*NKME\*HFKTDN\*KIKRTIWEQNNNL\*SIFRRGPRNCKAQF\*LWRGIFLL\*YSTTV\*\*YLE\*Y\*YLEWYYRK\*HYYAPLQDKTNCKHVAESRESNVCPSH\*RTN\*MLIKYYRVAINKRWWT\*\*EQYH\*DLQTWRRRYERQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTVVVWYSATAEKFAEGY\*GATASVATHSLGHQAAPGKSLGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IPESDLG\*HDLDGVGKRN\*QLHKRNIHLN\*RIAEPARKE\*TRPIEIG\*VGKFMELV\*HNKMAVVYQNIHNGSRRLGRFKNSFCCTFYSK\*S\*AGILTIVIADPLPNPEGTRQARRNRRRRWRARQRQIRDI

>B.2006.GU331096.acute\_infection

MEPVDPSLEPWNHPGSQPQTACTNCYCKKCCFHCQVCFIKKGLGIYYGRKKWRSRRRATEDSQTHQGSPSKQ\*VIYVMSQLYIIITVVAFVIAIILAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRKFVGHSLLWGTRMERSNHHSILCIRC\*SI\*FRET\*YLGHTRLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLRYFKLY\*FKLY\*FTEP\*YYMQEC\*QGNGG\*NKKLLFLYHNKHKR\*GNKKLCIIL\*P\*YSTNR\*\*\*\*Y\*YQL\*VDKL\*HLNHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLGQY\*NHNSTVERSYNN\*LYKTQQQYKKKYTYRTRESILWNRRHNRKYKTSIL\*H\*YK\*MG\*NFKTDSRKIRRAT\*\*NKNNNLQKFLRRGPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*K\*\*WYLD\*K\*D\*W\*LD\*KREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RKH\*LFIKYYRAVTNKRWR\*Q\*\*\*RK\*DVQTWRRKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVPWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRFNIQVT\*SIAKPARTE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331097.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRARRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRKFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTRLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKNGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTPVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KYRYDLA\*HDLDGVGKRN\*QLHRLNIQVT\*SIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAMVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331100.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRGSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRKFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKNGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTPVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KYGYDLA\*HDLDGVGKRN\*QLHRLNIQVT\*SIAKPARKE\*TRIIGIG\*MGRFVELV\*HNKLAMVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331102.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQTHQGSPSKQ\*VIHVM\*CLRYI\*\*Q\*\*HL\*\*H\*Y\*Q\*LCGL\*YS\*SIGKY\*DKEE\*TS\*LIE\*EKEQKTVAMRVMEIRRNWLPLWRGGILLLGILMICSTENLWVTVYYGVPVWKEATTTLFCASDAKAYNTEKHNVWATHACVPTDPSPQEIPLGNVTENFNMWKNDMADQMHEDIISLWDQSLKPCVKLTPLCVTLNCADLQNSTNTTYPDTTMFRNVSEEMKGEIKNCSFNITTNIRDRVTKNYALFYSLDIVPIDDNNDTKNTSYRLISCNTSIITQACPKVSFEPIPIHYCAPAGFAILKCNDQEFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEKDIVIRSSNISDNTKTIIVQLKEAITTNCTRPGNNTRRSIHIGPGRAFYGTGDIIGNIRQAYCNISREKWNDALRKIAEKLGEQLNKTKIAFNESSGGDPEITMFNFNCGGEFFYCDSTQLFNSTWTKGNETNGNWTGSESTNNNDTIILPCRIRQIINMWQEVGKAMYAPPIRGNISCSSNITGLLLTRDGGKNNDNITEKMETFRPGGGNMKDNWRSELYKYKVVEIEPLGLAPTRAKRRVVRREKRAALGALFIGFLGAAGSTMGAASVTLTVQARLLLTGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLSIERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSIDMIWHNMTWMEWEREIDNYTDLIYKLLEASQNQQEKNEQELLELDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRKGYSPLSFQTHRPAPRGPDRPEGIEEEGGERDRDTSGPL

>B.2006.GU331104.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRGSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*YR\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331105.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LGWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KYRYDLA\*HDLDGVGKRN\*QLHRLNIQVT\*SIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAMVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331106.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331107.acute\_infection

MEPVDPSLEPWNHPGSQPQTACTNCYCKKCCFHCQVCFIKKGLGIYYGRKKRSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTRLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLCYFKLR\*FTEFY\*YYIS\*YYYVQKC\*RGNEGRNKKLLFQYHNKHKR\*GNEKLCIIL\*P\*YSTNR\*\*\*\*Y\*EYQL\*VDKL\*HLNHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLGQY\*NHNSTVERSYNN\*LYKTRQQYKKKYTYRTRESILWNRRHNRKYKTSIL\*H\*\*RKME\*CFKKDSRKIRRAT\*\*NKNSLQ\*ILRRGPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKNGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KYRYDLA\*HDLDGVGKRN\*QLHRLNIQVT\*SIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAMVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331109.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQTHQGSPSKQ\*VIHVM\*CLRYI\*\*Q\*\*HL\*\*H\*Y\*Q\*LCGL\*YS\*SIGKY\*DKEE\*TN\*LIE\*EKEQKTVVMRVMETRRSWLPLWRGGILLLGILMICSTEDLWVTVYYGVPVWKEATTTLFCASDAKAYDTEKHNVWATHACVPTDPSPQEIPLENVTENFNMWKNDMADQMHEDIISLWDQSLKPCVKLTPLCVTLKCADLQNSTNTTYPDTTMFRNISEEMKGEIKNCSFNITTNIRDKVTWDYALFTSLDLVPINNTDNTSYRLISCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDQEFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEKDIVIRSSNISDNTKTIIVQLKEAIVINCTRPGNNTRRSIHIGPGRAFYGTGDIIGDIRRAHCEISGGEWSDTLRKIAGKLGEQLNKTNIAFNKSSGGDPEITMFNFNCGGEFFYCDSTQLFNSTWTKDNETNGSWTGSESINNNDTIILPCRIRQIINMWQEVGKAMYAPPIRGNISCSSNITGLLLTRDGGKNNDNITENMETFRPGGGNMKDNWRSELYKYKVVEIEPLGLAPTRAKRRVVQREKRAALGALFIGFLGAAGSTMGAASVTLTVQARLLLTGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLSIERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSVDMIWHNMTWMEWEREIDNYTDLIYKLLEASQNQQEKNEQELLELDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRKGYSPLSFQTHRPAPRGPDRPEGIEEEGGERDRDTSGPL

>B.2006.GU331110.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQTHQGSPSKQ\*VIHVM\*CLRYI\*\*Q\*\*HL\*\*H\*Y\*Q\*LCGL\*YS\*SIGKY\*DKEE\*TS\*LIE\*EKEQKTVAMRVMEIRRDWLPLWRGGILLLGILMICSTENLWVTVYYGVPVWKEATTTLFCASDAKAYNTEKHNVWATHACVPTDPSPQEIPLGNVTENFNMWKNDMADQMHEDIISLWDQSLKPCVKLTPLCVTLNCADLQNSTNTTYPDTTMFRNISEEMKGEIKNCSFNITTNIRDKVTWDYALFTSLDLVPINNTDNTSYRLISCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDQEFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEKDIVIRSSNISDNTKTIIVQLKEAIVINCTRPGNNTRRSIHIGPGRAFYGTGDIIGDIRRAHCEISGGEWSDTLRKIAGKLGEQLNKTNIAFNKSSGGDPEITMFNFNCGGEFFYCDSTQLFNSTWTKDNETNGSWTGSESINNNDTIILPCRIRQIINMWQEVGKAMYAPPIRGNISCSSNITGLLLTRDGGKNNDNITENMETFRPGGGNMKDNWRSELYKYKVVEIEPLGLAPTRAKRRVVQREKRAALGALFIGFLGAAGSTMGAASVTLTVQARLLLTGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLSIERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSVDMIWHNMTWMEWEREIDNYTDLIYKLLEASQNQQEKNEQELLELDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRKGYSPLSFQTHRPAPRGPDRPEGIEEEGGERDRDTSGPL

>B.2006.GU331111.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRPRRRATEDSQTHQGSPSKQ\*VIHVM\*CLRYI\*\*Q\*\*HL\*\*H\*Y\*Q\*LCGL\*YS\*SIGKY\*DKEE\*TS\*LIE\*EKEQKTVAMRVMEIRRNWLPLWRGGILLLGILMICSTENLWVTVYYGVPVWKEATTTLFCASDAKAYNTEKHNVWATHACVPTDPSPQEIPLGNVTENFNMWKNDMADQMHEDIISLWDQSLKPCVKLTPLCVTLNCADLQNSTNTTYPDTTMFRNVSEEMKGEIKNCSFNITTNIRDRVTKNYALFYSLDIVPIDDNNDTKNTSYRLISCNTSIITQACPKVSFEPIPIHYCAPAGFAILKCNDQEFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEKDIVIRSSNISDNTKTIIVQLKEAITTNCTRPGNNTRRSIHIGPGRAFYGTGDIIGNIRQAYCNISREKWNDALRKIAEKLGEQLNKTKIAFNESSGGDPEIAMFNFNCGGEFFYCDSTQLFNSTWTKGNETNGNWTGSESTNNNDTIILPCRIRQIINMWQEVGKAMYAPPIRGNISCSSNITGLLLTRDGGKNNDNITEKMETFRPGGGNMKDNWRSELYKYKVVEIEPLGLAPTRAKRRVVQREKRAALGALFIGFLGAAGSTMGAASVTLTVQARLLLTGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLSIERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSIDMIWHNMTWMEWEREIDNYTDLIYKLLEASQNQQEKNEQELLELDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRKGYSPLSFQTHRPAPRGPDRPEGIEEEGGERDRDTSGPL

>B.2006.GU331112.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSGRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKNGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331113.acute\_infection

MEPVDPSLEPWNHPGSQPQTACTNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQTHQGSPSKQ\*VIYVMSQLYIIITVVAFVIAIILAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRKFVGHSLLWGTRMERSNHHSILCIRC\*SI\*FRET\*YLGHTRLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLRYFKLY\*FKLY\*FTEP\*YYMQEC\*QGNGG\*NKKLLFLYHNKHKR\*GNKKLCIIL\*P\*YSTNR\*\*\*\*Y\*YQL\*VDKL\*HLNHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLGQY\*NHNSTVERSYNN\*LYKTQQQYKKKYTYRTRESILWNRRHNRKYKTSIL\*H\*YK\*MG\*NFKTDSRKIRRAT\*\*NKNNNLQKFLRRGPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*K\*\*WYLD\*K\*D\*W\*LD\*KREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RKH\*LFIKYYRAVTNKRWR\*Q\*\*\*RK\*DVQTWRRKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVPWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRFNIQVT\*SIAKPARTE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331114.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAMVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331116.acute\_infection

MEPVDPSLEPWNHPGSQPQTACTNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQTHQGSPSKQ\*VIYVMSQVYIITVVAFVIAIILAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRKFVGHSLLWGTRMERSNHHSILCIRC\*SI\*FRET\*YLGHTRLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVTNKRWR\*Q\*\*\*RK\*DVQTWRRKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVPWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRFNIQVT\*SIAKPARTE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331118.acute\_infection

MEPVDPSLEPWNHPGSQPQTACTNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQTHQGSPSKQ\*VIYVMSQVYIITVVAFVIAIILAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFMGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTRLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLCYFKLR\*FTEFY\*YYIS\*YYYVQKC\*RGNEGRNKKLLFQYHNKHKR\*GNEKLCIIL\*P\*YSTNR\*\*\*\*Y\*EYQL\*VDKL\*HLNHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLGQY\*NHNSTVERSYNN\*LYKTRQQYKKKYTYRTRESILWNRRHNRKYKTSIL\*H\*\*RKME\*CFKKDSRKIRRAT\*\*NKNSLQ\*ILRRGPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKNGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVPWVLRSCRKHYGRSVNDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KYRYDLA\*HDLDGVGKRN\*QLHRLNIQVT\*SIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAMVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331119.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQTHQGSPSKQ\*VIHVM\*CLRYI\*\*Q\*\*HL\*\*H\*Y\*Q\*LCGL\*YS\*SIGKY\*DKEE\*TS\*MIE\*EKEQKTVVMRVMETRRSWLPLWRGGILLLGILMICSTEDLWVTVYYGVPVWKEATTTLFCASDAKAYDTEKHNVWATHACVPTDPSPQEIPLENVTENFNMWKNDMADQMHEDIISLWDQSLKPCVKLTPLCVTLKCADLQNSTNTTYPDTTMFRNISEEMKGEIKNCSFNITTNIRDKVTWDYALFTSLDLVPINNTDNTSYRLISCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDQEFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEKDIVIRSSNISDNTKTIIVQLKEAIVINCTRPGNNTRRSIHIGPGRAFYGTGDIIGDIRRAHCEISGGEWSDTLRKIAGKLGEQLNKTNIAFNKSSGGDPEITMFNFNCGGEFFYCDSTQLFNSTWTKDNETNGSWTGSESINNNDTIILPCRIRQIINMWQEVGKAMYAPPIRGNISCSSNITGLLLTRDGGKNNDNITENMETFRPGGGNMKDNWRSELYKYKVVEIEPLGLAPTRAKRRVVQREKRAALGALFIGFLGAAGSTMGAASVTLTVQARLLLTGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLSIERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSIDMIWHNMTWMEWEREIDNYTDLIYKLLEASQNQQEKNEQELLELDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRKGYSPLSFQTHRPAPRGPDRPEGIEEEGGERDRDTSGPL

>B.2006.GU331120.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331122.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRARRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331124.acute\_infection

MEPVDPSLEPWNHPGSQPQTACTNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRARRRATEDSQTHQGSPSKQ\*VIYVMSQVYIITVVAFVIAIILAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRKFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTRLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLCYFKLR\*FTEFY\*YYIS\*YYYVQKC\*RGNEGRNKKLLFQYHNKHKR\*GNEKLCIIL\*P\*YSTNR\*\*\*\*Y\*EYQL\*VDKL\*HLNHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLGQY\*NHNSTVERSYNN\*LYKTRQQYKKKYTYRTRESILWNRRHNRKYKTSIL\*H\*\*RKME\*CFKKDSRKIRRAT\*\*NKNSLQ\*ILRRGPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKNGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVNDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLE\*HDLDGVGKGN\*QLHRFNIQVT\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331125.acute\_infection

MEPVDPSLEPWNHPGSQPQTACTNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQTHQGSPSKQ\*VIYVMSQVYIITVVAFVIAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331126.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRAPEDSQTHQGSPSKQ\*VIHVM\*CLRYI\*\*Q\*\*HL\*\*H\*Y\*Q\*LCGL\*YS\*SIGKY\*DKEE\*TS\*LIE\*EKEQKTVAMRVMEIRRNWLPLWKGGILLLGILMICSTENLWVTVYYGVPVWKEATTTLFCASDAKAYDTEKHNVWATHACVPTDPSPQEIPLENVTENFNMWKNDMADQMHEDIISLWDQSLKPCVKLTPLCVTLKCADLQNSTNTTYPDTTMFRNISEEMKGEIKNCSFNITTNIRDKVTWDYALFTSLDLVPINNTDNTSYRLISCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDQEFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEKDIVIRSSNISDNTKTIIVQLKEAIVINCTRPGNNTRRSIHIGPGRAFYGTGDIIGDIRRAHCEISGGEWSDTLRKIAGKLGEQLNKTNIAFNKSSGGDPEITMFNFNCGGEFFYCDSTQLFNSTWTKDNETNGSWTGSESINNNDTIILPCRIRQIINMWQEVGKAMYAPPIRGNISCSSNITGLLLTRDGGKNNDNITEKMETFRPGGGNMKDNWRSELYKYKVVEIEPLGLAPTRAKRRVVQREKRAALGALFIGFLGAAGSTMGAASVTLTVQARLLLTGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLSIERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSVDMIWHNMTWMEWEREIDNYTDLIYKLLEASQNQQEKNEQELLELDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRKGYSPLSFQTHRPAPRGPDRPEGIEEEGGERDRDTSGPL

>B.2006.GU331127.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQTHQGSPSKQ\*VIHVM\*CLRYI\*\*Q\*\*HL\*\*H\*Y\*Q\*LCGL\*YS\*SIGKY\*DKEE\*TS\*LIE\*EKEQKTVAMRVMEIRRNWLPLWIGGILLLGILMICSTENLWVTVYYGVPVWKEATTTLFCASDAKAYNTEKHNVWATHACVPTDPSPQEIPLGNVTENFNMWKNDMADQMHEDIISLWDQSLKPCVKLTPLCVTLNCADLQNSTNTTYPDTTMFRNVSEEMKGEIKNCSFNITTNIRDRVTKNYALFYSLDIVPIDDNNDTKNTSYRLISCNTSIITQACPKVSFEPIPIHYCAPAGFAILKCNDQEFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEKDIVIRSSNISDNTKTIIVQLKEAITTNCTRPGNNTRRSIHIGPGRAFYGTGDIIGNIRQAYCNISREKWNDALRKIAEKLGEQLNKTKIAFNESSGGDPEITMFNFNCGGEFFYCDSTQLFNSTWTKGNETNGNWTGSESTNNNDTIILPCRIRQIINMWQEVGKAMYAPPIRGNISCSSNITGLLLTRDGGKNNDNITEKMETFRPGGGNMKDNWRSELYKYKVVEIEPLGLAPTRAKRRVVQREKRAALGALFIGFLGAAGSTMGAASVTLTVQARLLLTGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLSIERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSIDMIWHNMTWMEWEREIDNYTDLIYKLLEASQNQQEKNEQELLELDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRKGYSPLSFQTHRPAPRGPDRPEGIEEEGGERDRDTSGPL

>B.2006.GU331133.acute\_infection

MEPVDPSLEPWNHPGSQPQTACTNCYCKKCCFHCQVCFIKKGLGIYYGRKKWRSRRRATEDSQTHQGSPSKQ\*VIYVMSQLYIIITVVAFVIAIILAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRKFVGHSLLWGTRMERSNHHSILCIRC\*SI\*FRET\*YLGHTRLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLRYFKLY\*FKLY\*FTEP\*YYMQEC\*QGNGG\*NKKLLFLYHNKHKR\*GNKKLCIIL\*P\*YSTNR\*\*\*\*Y\*YQL\*VDKL\*HLNHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLGQY\*NHNSTVERSYNN\*LYKTQQQYKKKYTYRTRESILWNRRHNRKYKTSIL\*H\*YK\*MG\*NFKTDSRKIRRAT\*\*NKNNNLQKFLRRGPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*K\*\*WYLD\*K\*D\*W\*LD\*KREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RKH\*LFIKYYRAVTNKRWR\*Q\*\*\*RK\*DVQTWRRKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVPWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLRHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRFNIQVT\*SIAKPARTE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331135.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRAPEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKNGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KYRYDLA\*HDLDGVGKRN\*QLHRLNIQVT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331136.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSGRRATEDSQAHQGSPSKQ\*VIHVMSPLYI\*\*Q\*\*HL\*WQ\*Y\*Q\*LCGL\*YS\*SIGKY\*DKEE\*TN\*LIE\*EKEQKTVVMRVMETRRSWLPLWRGGILLLGILMICSTEDLWVTVYYGVPVWKEATTTLFCASDAKAYDTEKHNVWATHACVPTDPSPQEIPLENVTENFNMWKNDMADQMHEDIISLWDQSLKPCVKLTPLCVTLKCADLQNSTNTTYPDTTMFRNISEEMKGEIKNCSFNITTNIRDKVTWDYALFTSLDLVPINNTDNTSYRLISCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDQEFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEKDIVIRSSNISDNTKTIIVQLKEAIVINCTRPGNNTRRSIHIGPGRAFYGTGDIIGDIRRAHCEISGGEWSDTLRKIAGKLGEQLNKTNIAFNKSSGGDPEITMFNFNCGGEFFYCDSTQLFNSTWTKDNETNGSWTGSESINNNDTIILPCRIRQIINMWQEVGKAMYAPPIRGNISCSSNITGLLLTRDGGKNNDNITENMETFRPGGGNMKDNWRSELYKYKVVEIEPLGLAPTRAKRRVVQREKRAALGALFIGFLGAAGSTMGAASVTLTVQARLLLTGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLSIERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSVDMIWHNMTWMEWEREIDNYTDLIYKLLEASQNQQEKNEQELLELDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRKGYSPLSFQTHRPAPRGPDRPEGIEEEGGERDRDTSGPL

>B.2006.GU331137.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRARRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331138.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSR\*RATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KYRYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331139.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331140.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRARRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLRYFKLY\*FKLY\*FTEP\*YYMQEC\*QGNGGRNKKLLFLYHNKHKR\*GIKKLCIIL\*P\*YSTNR\*\*\*\*Y\*EYQL\*VDKL\*HLNHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERNSNKV\*QYLGQY\*NHNSTVERSYNN\*LYKTQQQYEKKYTYRTRESILWNRRHNRKYKTSIL\*H\*YK\*MG\*NFKTDSRKIRRAT\*\*NRNSLQKFLRRGPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*K\*D\*\*YLG\*KREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RNH\*LFIKYYRAVTNKRWR\*Q\*\*EQK\*DFQTWRRKYEGQLEK\*II\*I\*GSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVPWVLRSCRKHYGRSVNDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KYRYDLA\*HDLDGVGKRN\*QLHRLNIQVT\*SIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAMVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331141.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRGSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331142.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKRCCFHCQVCFIKKGLGIYYGRKKRRSRRRAAEDSQTHQGSPSKQ\*VIYVMSQVYIITVVAFVIAIILAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFMGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTRLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLCYFKLR\*FTEFY\*YYIS\*YYYVQKC\*RGNEGRNKKLLFQYHNKHKR\*GNEKLCIIL\*P\*YSTNR\*\*\*\*Y\*EYQL\*VDKL\*HLNHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLGQY\*NHNSTVERSYNN\*LYKTRQQYKKKYTYRTRESILWNRRHNRKYKTSIL\*H\*\*RKME\*CFKKDSRKIRRAT\*\*NKNSLQ\*ILRRGPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKNGDFQTWRGKYEGQLEK\*II\*I\*GSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVPWVLRSCRKHYGRSVNDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLE\*HDLDGVGKGN\*QLHRFNIQVT\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331143.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRGSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQSTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVPWVLRSCRKHYGRSVNDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLE\*HDLDGVGKGN\*QLHRFNIQVT\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331144.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRTRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KYRYDLA\*HDLDGVGKRN\*QLHRLNIQVA\*SIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAMVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331145.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRAAEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRKFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLCYFKLR\*FTEFY\*YYIS\*YYYVQKC\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KYRYDLA\*HDLDGVGKRN\*QLHRLNIQVT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331146.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSIWCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331147.acute\_infection

MEPVDPSLEPWNHPGSQPQTACTNCYCKKCCFHCQVCFIKKGLGIYYGRKKQRSRRRATEDSQTHQGSPSKQ\*VIYVMSQLYIIITVVAFVIAIILAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRKFVGHSLLWGTRMERSNHHSILCIRC\*SI\*FRET\*YLGHTRLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLRYFKLY\*FKLY\*FTEP\*YYMQEC\*QGNGG\*NKKLLFLYHNKHKR\*GNKKIMHYFIALI\*YQ\*MIIIILISVIG\*QVVTPQSLHKPVQRYPLSQFPYIIVPRLVLRS\*NVMIKSLMEQDHVKMSAQYSVHMELGQ\*YQLNCC\*MAA\*QRKT\*\*LGLAISRTILKP\*\*YS\*KKL\*\*LIV\*DPTTIQEEVYI\*DQGEHFMEQET\*\*EI\*DKHIVALI\*VNGMKL\*DR\*QEN\*ESNLIKQK\*\*PSKIPQEGTQKLQCSILIVEGNFSTVIQHNCLIVSGLKMIMVSGLKMRLMVIGLEAGAQMTMTQSYSLAE\*DKL\*TCGRK\*EKQCTLLPLEETLAVHQILQGCY\*QEMEVTIMIAQMRRSDLEEEI\*RTIGEVNYINIK\*\*KLSH\*D\*HPPGQKEEWCREKKEQP\*ELCSLGS\*ELQEALWAQRQ\*R\*RYKPDYY\*LV\*CSSRTIC\*RLLRRNNICCNSQSGASSSSRQESCL\*KDT\*RINSSWGFGVALENSSAPLLCLGILVGVIKVWI\*FGIT\*PGWSGKEKLTITQV\*YTSYLKHRKTSKNRMNKNYWN\*INGQVCGIGLT\*QTGCGI\*KYS\*\*\*\*EA\*\*V\*E\*SLLYFL\*\*IELGRDTHHYRSRPTAQLRGDPTGPKE\*KKKVERETETHPVH\*

>B.2006.GU331148.acute\_infection

MEPVDPSLEPWNHPGSQPQTACTNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQTHQGSPSKQ\*VIYVMSQLYIIITVVAFVIAIILAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRKFVGHSLLWGTRMERSNHHSILCIRC\*SI\*FRET\*YLGHTRLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLRYFKLY\*FKLY\*FTEP\*YYMQEC\*QGNGG\*NKKLLFLYHNKHKR\*GNKKLCIIL\*P\*YSTNR\*\*\*\*Y\*YQL\*VDKL\*HLNHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLGQY\*NHNSTVERSYNN\*LYKTQQQYKKKYTYRTRESILWNRRHNRKYKTSIL\*H\*YK\*MG\*NFKTDSRKIRRAT\*\*NKNNNLQKFLRRGPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*K\*\*WYLD\*K\*D\*W\*LD\*KREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RKH\*LFIKYYRAVTNKRWR\*Q\*\*\*RK\*DVQTWRRKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVPWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRFNIQVT\*SIAKPARTE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331149.acute\_infection

MEPVDPSLEPWNHPGSQPQTACTNCYCKKCCFHCQVCFIKKGLGIYYGRKKRGSRRRATEDSQTHQGSPSKQ\*VIYVMSQVYIITVVAFVIAIILAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFMGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLNHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331150.acute\_infection

MEPVDPSLEPWNHPGSQPQTACTNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQTHQGSPSKQ\*VIYVMSQVYIITVVAFVIAIILAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFMGHSLLWGTRVERSNHHSILCIRC\*SI\*NRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLRYFKLY\*FKLY\*FTEP\*YYMQEC\*QGNGGRNKKLLFLYHNKHKR\*GNKKLCIIL\*P\*YSTNR\*\*\*\*Y\*EYQL\*VDKL\*HLNHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERNSNKV\*QYLGQY\*NHNSTVERSYNN\*LYKTQQQYEKKYTYRTRESILWNRRHNRKYKTSIL\*H\*YK\*MG\*NFKTDSRKIRRAT\*\*NRNSLQKFLRRGPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*K\*D\*\*YLG\*KREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RNH\*LFIKYYRAVTNKRWR\*Q\*\*EQK\*DFQTWRRKYEGQLEK\*II\*I\*GSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVPWVLRSCRKHYGRSVNDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLE\*HDLDGVGKGN\*QLHRFNIQVT\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331151.acute\_infection

MEPVDPSLEPWNHPGSQPQTACTNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRAAEDSQTHQGSPSKQ\*VIYVMSQVYIITVVAFVIAIILAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFMGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTRLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLCYFKLR\*FTEFY\*YYIS\*YYYVQKC\*RGNEGRNKKLLFQYHNKHKR\*GNEKLCIIL\*P\*YSTNR\*\*\*\*Y\*EYQL\*VDKL\*HLNHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLGQY\*NHNSTVERSYNN\*LYKTRQQYKKKYTYRTRESILWNRRHNRKYKTSIL\*H\*\*RKME\*CFKKDSRKIRRAT\*\*NKNSLQ\*ILRRGPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKNGDFQTWRRKYEGQLEK\*II\*I\*GSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVPWVLRSCRKHYGRSVNDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLE\*HDLDGVGKGN\*QLHRFNIQVT\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331152.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRAAEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKNGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331153.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYNL\*\*ILRRRPRNYKVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331154.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRGSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRKFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSYYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKNGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTPVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KYRYDLA\*HDLDGVGKRN\*QLHRLNIQVT\*SIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAMVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331155.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRAAEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLNHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLGQY\*NHNSTVERSYNN\*LYKTQQQYEKKYTYRTRESILWNRRHNRKYKTSIL\*H\*\*RKME\*CFKKDSRKIRRAT\*\*NKNSLQ\*ILRRGPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*K\*D\*\*YLG\*KREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RNH\*LFIKYYRAVTNKRWR\*Q\*\*EQK\*DFQTWRRKYEGQLEK\*II\*I\*GSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVPWVLRSCRKHYGRSVNDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLE\*HDLDGVGKGN\*QLHRFNIQVT\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331156.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTRLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLRYFKLY\*FKLY\*FTEP\*YYMQEC\*QGNGG\*NKKLLFLYHNKHKR\*GNKKLCIIL\*P\*YSTNR\*\*\*\*Y\*YQL\*VDKL\*HLNHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RKH\*LFIKYYRAVTNKRWR\*Q\*\*\*RK\*DVQTWRRKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVPWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRFNIQVT\*SIAKPARTE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331157.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRAAEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVAAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331158.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQTHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPG\*FCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KYRYDLA\*HDLDGVGKRN\*QLHRLNIQVT\*SIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAMVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331159.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQAHQGSPSKQ\*VIHVM\*CLRYI\*\*Q\*\*HL\*\*H\*Y\*Q\*LCGL\*YS\*SIGKY\*DKEE\*TS\*LIE\*EKEQKTVVMRVMETRRSWLPLWRGGILLLGILMICSTEDLWVTVYYGVPVWKEATTTLFCASDAKAYDTEKHNVWATHACVPTDPSPQEIPLENVTENFNMWKNDMADQMHEDIISLWDQSLKPCVKLTPLCVTLKCADLQNSTNTTYPDTTMFRNISEEMKGEIKNCSFNITTNIRDKVTWDYALFTSLDLVPINNTDNTSYRLISCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDQEFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEKDIVIRSSNISDNTKTIIVQLKEAIVINCTRPGNNTRRSIHIGPGRAFYGTGDIIGDIRRAHCEISGGEWSDTLRKIAGKLGEQLNKTNIAFNKSSGGDPEITMFNFNCGGEFFYCDSTQLFNSTWTKDNETNGSWTGSESINNNDTIILPCRIRQIINMWQEVGKAMYAPPIRGNISCSSNITGLLLTRDGGKNNDNITEKMETFRPGGGNMKDNWRSELYKYKVVEIEPLGLAPTRAKRRVVQREKRAALGALFIGFLGAAGSTMGAASVTLTVQARLLLTGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLSIERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSVDMIWHNMTWMEWEREIDNYTDLIYKLLEASQNQQEKNEQELLELDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRKGYSPLSFQTHRPAPRGPDRPEGIEEEGGERDRDTSGPL

>B.2006.GU331160.acute\_infection

MEPVDPSLEPWNHPGSQPQTACTNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSGRRATEDSQTHQGSPSKQ\*VIYVMSQVYIITVVAFVIAIILAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFMGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTRLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLRYFKLY\*FKLY\*FTEP\*YYMQEC\*QGNGGRNKKLLFLYHNKHKR\*GNKKLCIIL\*P\*YSTNR\*\*\*\*Y\*EYQL\*VDKL\*HLNHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERNSNKV\*QYLGQY\*NHNSTVERSYNN\*LYKTQQQYEKKYTYRTRESILWNRRHNRKYKTSIL\*H\*YK\*MG\*NFKTDSRKIRRAT\*\*NRNSLQKFLRRGPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*K\*D\*\*YLG\*KREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RNH\*LFIKYYRAVTNKRWR\*Q\*\*EQK\*DFQTWRRKYEGQLEK\*II\*I\*GSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVPWVLRSCRKHYGRSVNDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLE\*HDLDGVGKGN\*QLHRFNIQVT\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331161.acute\_infection

MEPVDPSLEPWNHPGSQPQTACTNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRRRATEDSQTHQGSPSKQ\*VIYVMSQVYIITVVAFVIAIILAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KYRYDLA\*HDLDGVGKRN\*QLHRLNIQVT\*SIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAMVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331162.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRARRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331163.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRARRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331164.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKWRSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331165.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRGSRRGATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331166.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRGSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRI\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331167.acute\_infection

MEPVDPSLEPWNHPGSQPQTACTNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQTHQGSPSKQ\*VIYVMSQVYIITVVAFVIAIILAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331168.acute\_infection

MEPVDPSLEPWNHPGSQPQTACTNCYCKKCCFHCQVCFIKKGLGIYYGRKKWRSRRRATEDSQTHQGSPSKQ\*VIYVMSQLYIIITVVAFVIAIILAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRKFVGHSLLWGTRMERSNHHSILCIRC\*SI\*FRET\*YLGHTRLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLRYFKLY\*FKLY\*FTEP\*YYMQEC\*QGNGG\*NKKLLFLYHNKHKR\*GNKKLCIIL\*P\*YSTNR\*\*\*\*Y\*YQL\*VDKL\*HLNHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERNSNKV\*QYLGQY\*NHNSTVERSYNN\*LYKTQQQYEKKYTYRTRESILWNRRHNRKYKTSIL\*H\*YK\*MG\*NFKTDSRKIRRAT\*\*NRNSLQKFLRRGPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*K\*D\*\*YLG\*KREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RNH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKNGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVPWVLRSCRKHYGRSVNDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLE\*HDLDGVGKGN\*QLHRFNIQVT\*SIAKPARTE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331169.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRAPEDSQTHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331170.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYKVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331171.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRRRATEDSQTHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGEI\*RTIGEVNYINIK\*\*KLSH\*D\*HPPGQKEEWCREKKEQP\*ELCSLGS\*ELQEALWAQRQ\*R\*RYKPDYY\*LV\*CSSRTIC\*RLLRRNNICCNSQSGASSSSRQESCL\*KDT\*RINSSWGFGVALENSSAPLLCLGILVGVIKVWI\*FGIT\*PGWSGKEKLTITQT\*YTNYLKHRKTSKKRMNKNYWN\*INGQVCGIGLT\*QTGCGI\*KYS\*\*\*\*EA\*\*V\*E\*SLLYFL\*\*IELGRDTHHYRSRPTAQLRGDPTGPKE\*KKKVERETETHPVH\*

>B.2006.GU331172.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRAAEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331173.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRARRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331174.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRARRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKNGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KYRYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331175.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRAPEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKNGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KYRYDLA\*HDLDGVGKRN\*QLHRLNIQVT\*SIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAMVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331176.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRTTEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKNGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KYRYDLA\*HDLDGVGKRN\*QLHRLNIQVT\*SIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAMVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331177.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQTHQGSPSKQ\*VIHVM\*CLRYI\*\*Q\*\*HL\*\*H\*Y\*Q\*LCGL\*YS\*SIGKY\*DKEE\*TN\*LIE\*EKEQKTVVMRVMETRRSWLPLWRGGILLLGILMICSTEDLWVTVYYGVPVWKEATTTLFCASDAKAYDTEKHNVWATHACVPTDPSPQEIPLENVTENFNMWKNDMADQMHEDIISLWDQSLKPCVKLTPLCVTLKCADLQNSTNTTYPDTTMFRNISEEMKGEIKNCSFNITTNIRDKVTWDYALFTSLDLVPINNTDNTSYRLISCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDQEFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEKDIVIRSSNISDNTKTIIVQLKEAIVINCTRPGNNTRRSIHIGPGRAFYGTGDIIGDIRRAHCEISGGEWSDTLRKIAGKLGEQLNKTNIAFNKSSGGDPEITMFNFNCGGEFFYCDSTQLFNSTWTKDNETNGSWTGSESINNNDTIILPCRIRQIINMWQEVGKAMYAPPIRGNISCSSNITGLLLTRDGGKNNDNITENMETFRPGGGNMKDNWRSELYKYKVVEIEPLGLAPTRAKRRVVQREKRAALGALFIGFLGAAGSTMGAASVTLTVQARLLLTGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLSIERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSVDMIWHNMTWMEWEREIDNYTDLIYKLLEASQNQQEKNEQELLELDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRKGYSPLSFQTHRPAPRGPDRPEGIEEEGGERDRDTSGPL

>B.2006.GU331178.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRNGAIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KYRYDLA\*HDLDGVGKRN\*QLHRLNIQVT\*SIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAMVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331179.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYKVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLA\*HDLDGVGKRN\*QLHRLNIQIT\*SIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331180.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRATEDSQTHQGSPSKQ\*VIHVM\*CLRYI\*\*Q\*\*HL\*\*H\*Y\*Q\*LCGL\*YS\*SIGKY\*DKEE\*TN\*LIE\*EKEQKTVVMRVMETRRSWLPLWRGGILLLGILMICSTEDLWVTVYYGVPVWKEATTTLFCASDAKAYDTEKHNVWATHACVPTDPSPQEIPLENVTENFNMWKNDMADQMHEDIISLWDQSLKPCVKLTPLCVTLKCADLQNSTNTTYPDTTMFRNISEEMKGEIKNCSFNITTNIRDKVTWDYALFTSLDLVPINNTDNTSYRLISCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDQEFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEKDIVIRSSNISDNTKTIIVQLKEAIVINCTRPGNNTRRSIHIGPGRAFYGTGDIIGDIRRAHCEISGGEWSDTLRKIAGKLGEQLNKTNIAFNKSSGGDPEITMFNFNCGGEFFYCDSTQLFNSTWTKDNETNGSWTGSESINNNDTIILPCRIRQIINMWQEVGKAMYAPPIRGNISCSSNITGLLLTRDGGKNNDNITENMETFRPGGGNMKDNWRSELYKYKVVEIEPLGLAPTRAKRRVVQREKRAALGALFIGFLGAAGSTMGAASVTLTVQARLLLTGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLSIERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSIDMIWHNMTWMEWEREIDNYTDLIYKLLEASQNQQEKNEQELLELDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRKGYLPLSFQTHRPAPRGPDRPEGIEEEGGERDRDTSGPL

>B.2006.GU331181.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRRSRRRAAEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRRFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKRKHK\*Q\*HNHTPLQNKTNYKYVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKHGDFQTWRRKYEGQLEK\*II\*I\*GSRN\*AIRTSTHQGKKKSGAERKKSSPRSFVPWVLRSCRKHYGRSVNDADGTSQTIIDWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KCGYDLE\*HDLDGVGKGN\*QLHRFNIQVT\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.2006.GU331182.acute\_infection

MEPVDPSLEPWNHPGSQPQTACNNCYCKKCCFHCQVCFIKKGLGIYYGRKKRGSRRRATEDSQAHQGSPSKQ\*VIHVMSPLYIITVVAFVVAIILAIVVWSIVFIEYRKILRQRRIDKLIDRIRERAEDSGNESDGDQEELAALVERGHLAPGNIDDL\*YRKFVGHSLLWGTRVERSNHHSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRNTIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLRYFKMC\*FTEFY\*YYIS\*YYYVQKY\*RGNEGRNKKLLFQYYNKHKR\*GNMGLCIIY\*P\*FSTNK\*Y\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDPKM\*\*SRV\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSRERHSN\*V\*QYLRQY\*NHNSTVERSYSN\*LYKTR\*QYKKKYTYRTRESILWNRRHNRRYKTSTL\*N\*RRRME\*YFKKDSRKIRRAT\*\*NKYSL\*\*ILRRRPRNYNVQF\*LWRGIFLL\*FNTTV\*\*YLD\*G\*\*D\*W\*LDWKREHK\*Q\*HNHTPLQNKTNYKHVAGSRKSNVRSSH\*RKH\*LFIKYYRAVADKRWR\*K\*\*\*HNRKNGDFQTWRGKYEGQLEK\*II\*I\*SSRN\*AIRTSTHQGKKKSGAERKKSNPRSFVHWVLRSCRKHYGRSVSDADGTSQTIIDWYSAAAEQSAEGY\*GATTPVATHSLGHQAAPGKSPVYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KYRYDLA\*HDLDGVGKRN\*QLHRLNIQVT\*SIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAMVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.1999.GU331218.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331219.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331220.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331221.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRDNINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331222.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNNSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331223.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331224.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331225.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331226.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331227.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331228.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGKDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARKNRRRRWRERQRQIRSL

>B.1999.GU331229.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331230.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331231.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331232.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331233.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331234.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331235.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331236.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*GHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRIV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331237.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331238.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331239.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331240.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLDISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVLIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331241.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331242.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGSRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331243.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRSKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSIEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVP\*VLRNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARKNRRRRWRERQRQIRSL

>B.1999.GU331244.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331245.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331246.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331247.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KN\*QNNMEIKQ\*ALIDPQEGT\*KL\*CIILIVEGNFSTVIQQNCLIVLGMVLKW\*ISMKEMTISLFHAE\*NKL\*TCGRK\*EKQCMPLPSEDQLNVHRILQG\*Y\*QEMVVLMTPPRSSDLQEEI\*WTIGEVNYINIKW\*KLNH\*E\*HPPRQREEWCREKKEQ\*Q\*ERCSLGSWEQQEALWAQRPWR\*RYRPDNYCLV\*CNSKATC\*ELLRRNSICCNSQSGASSSSRQESWLWKDT\*RINSSWGFGVALENSFAPLLCLGILVGVIKPWKRFGIT\*PGCSGTEKLTITQT\*YTT\*LNNRKTSKKRMNKNYWNWINGQVCGVGLT\*QIGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDIHHYRFRPAAQPRGDPTGPKE\*KKKVEREAETDPVA\*

>B.1999.GU331248.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331249.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331251.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPAKKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331252.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331253.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331254.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331255.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331256.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCKN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331257.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFNINEGNDKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331258.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331259.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331260.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331261.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331262.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIFVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331263.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVAAHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331264.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331265.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331266.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKIQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331267.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RYSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331268.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331269.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331270.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331271.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKVH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331272.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331273.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331274.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331275.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331276.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKPNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331277.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331278.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSLYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331279.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331280.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGRQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331281.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331282.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331283.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331284.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331285.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331286.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331287.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWREGQRQIRSL

>B.1999.GU331288.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHQGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331289.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331290.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRNLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331291.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331292.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331293.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331294.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331295.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331296.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*VFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331297.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKDQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331298.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331299.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331300.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331301.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331302.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331303.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331305.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331306.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPERDLE\*HDLNAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIR\*MGKSVELV\*HNKLTVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRKKRWRERQRQIRSL

>B.1999.GU331307.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331308.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331309.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TKIIGIE\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331310.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331311.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331312.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331313.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331314.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSAAAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGRSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331315.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEE\*Y\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331316.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1999.GU331317.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPPDSQTNQASLSKQ\*VVHVMSSLDILTIVAIVALVIVGIIAIVVWAIVFIEYRRILRQRKINRLIDRIRERAEDSGNESEGDQEELLALGEMGHLEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGQ\*NGRTDA\*RHSQFMGSEPKAMCKINPTLCYFKLH\*FEECY\*YT\*\*CY\*WRGNEKLLFQCHHRGKR\*GEERICTFLHT\*YSTNR\*Y\*L\*DDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*EVQGNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFHRQY\*KHNSTAE\*SCRN\*LYKTQQQHKKKYTYRTRESILYNRRHNRRYKTSTL\*P\*\*GSMEYNFTKDS\*KINRTIWK\*NNKL\*SILRRGPRSCNA\*F\*LWRGIFLL\*YNRTV\*\*YLEWY\*SGKYQ\*RK\*QYHSSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIEYYRANINKRWWY\*\*HHRGLQTCRRRYDGQLEK\*TI\*I\*SGEN\*TIRSSTHQGKEKSGAERKKSNNNRSGVPWVLGNSRKHYGRSVRGADGTGQTIIVWYSATAKQLVESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NPGRDLE\*HDLDAVGQRN\*QLHKLNIQLN\*TIAKPARKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSL

>B.2009.GU362881.acute\_infection

MEPVDPKLKPWKHPGSQPSTACTNCYCKRCCFHCQLCFTRKGLGISYGRKKRRQRRGPPQDGQTHQVSLPKQ\*VVHVMQPLVILSIVALVVVAIIAVVVWTIVFIQIRRILKQRKIDRLIERISERAEDSGNESEGDQEELSKLMEMGHIAPWDIDDL\*W\*RLVGHSILWGTCVERSKDHSLLCIRC\*SI\*YRSS\*CLGYTCLCTHRPQPTRNTIGKCDRRF\*HV\*K\*HGKTNAGGCNQFMGSKLQAMCKINPTLCYFKLC\*CY\*YQ\*YQ\*NARRNKKLLFQYHHKWRK\*EAERICTF\*\*S\*FSRE\*RYWL\*VDTL\*YHSHYTSLSKDNL\*TNSNTLLCPGWLCDSKV\*\*\*GVQWNRTM\*ECQHSTMYPWN\*TSSVNSTTAKWQSSRRRYSN\*V\*KFHRQC\*NHNSAAKRTSRN\*LYKT\*QQYKKRYTYRTRENIICNRGNNRRYKKSTL\*H\*\*SKME\*HFTEHSCKIKKTI\*K\*NNSL\*SILRRGPRNCNAQF\*LSRGIFLL\*YIKSI\*QYLGG\*RYLE\*YLE\*E\*K\*QYHTPMQDKTNYKHVAGSRESNICPSHCRIN\*MFIKYYRATINKRWWKW\*\*Y\*\*YHRDFQTRRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSSVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKNPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISK\*HLE\*HDLDGVGKRN\*QLHKLNIHFN\*KIADPAREK\*TRIIAIR\*LGKFVELV\*HNKLAVVYKDIHNDSRRLDRFKNNFCCAFYSE\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.GU362883.-

MEPVDPNLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRKPPQNSQTHQVSLSKQ\*VYVMQPLIIGAIVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIKRISERAEDSGNESEGDREELSALMEMGDYAPWDVNDL\*CCRQIMGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLRTHRPQTTRIGIGKCDRKF\*HVEK\*HGRTDARGYNQFMGSKPKAMCKINPTMCYSKLYRLSGDKYN\*CLYPYNNWCPGSEKLFLQYHHKHKR\*DAERICTFV\*T\*SSTVR\*\*\*\*QL\*VNKL\*HLNHYTGLSKNIL\*ASSNTLLRPGWFCYSKV\*Q\*XIRWKRTM\*KCYHSTMYTWN\*ASIINSAAVKWQSRRRRDSN\*I\*KFHK\*C\*NHNSTTERASRN\*LYKAQQQHKKKYTYSTRESILRNRRNNRRHKAGTLQR\*\*NSLENNFEPDSYKIKRTLWE\*NNSL\*SILRRGPRNYNAQF\*LQRGIFLL\*YYTTV\*\*YLAA\*\*YLE\*YCKRHNHNHTPLQNKTNCKHVAGSRKSNVCPSHQRTNYL\*IKYYRATINKRWG\*QDQ\*HIRDLQTWRRRYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEKSGAERKKSCGNRSCILWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKAHLHHCCALEC\*LE\*\*IPGSDLG\*HDLDGVG\*RN\*\*LHTINILLN\*TIAEPTRNK\*ERLIGIGYMGKFVELVQHI\*LAVVYKNIHNDSRRLSRFKNSFYCTFYNK\*S\*AGILTIVVPDPPPNPEGTRQARRNRRRRWRERQRHIRTV

>B.2009.GU362885.-

MEPVDPRLEPWKHPGSQPQTPCTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRSPPDSKNHQTSLSKQ\*VLHVMQPVQILAIVALVVAAIIAIVVWTIVYLEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALMEMGHHAPWNVNDL\*CCRSIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGTQCLGHTCLCTHRPQPTRNNIGKCDRKF\*HVEK\*HGRTDA\*RCNQFMGSKPKAMCKINPTLCYFRVH\*RGEY\*\*CQ\*YYQ\*\*\*LGRANGERRNEKLLFQCHFRHKR\*DAEGICTFV\*T\*CSTNR\*\*HK\*YKL\*IDKL\*HLNHYTDLSKGKL\*TNSHTLLYPSWFCNAKM\*\*\*RVQWNRTM\*ECQHSTMYTWN\*ASSVNSTTVKWQSSRRRHSN\*I\*KFH\*\*C\*DHNSTAEGTHRN\*LYKTL\*LYNNKKDTYRTRESIYNRKRRRYKTSTL\*P\*SGNME\*NFKRDS\*KIKKPSWE\*NNSL\*QILRRGPRNCNAQF\*LWRGIFLL\*YNKAV\*QYLVD\*\*YFE\*YYKG\*\*HYHNTPL\*NKTNYKHVAGSGKSNVCPSYQRTN\*MFIKYYRTAINKRWW\*\*NRKRDRDL\*TWRRKYEGQLEK\*II\*I\*SSAN\*TIRSSTYQGKEKSGAKRKKSSGSIRSYGPWVLGSSRKHYGRSINNADGTGQTINVWNSATAEQSAEGY\*CATTDVATHSLGHQAAPSKSPGCRKLPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISESDLG\*HDLDGMGKRN\*QLYKCNIQLNSRIAEPARKE\*TRIIGIR\*VGKFVELV\*HNKMAVVYKNIHNDSRRVNRFKNSFCHTFYSE\*SQEGILTIIIPDPLPSPEGTRQARRNRRRRWRERQRHIQAI

>B.2008.GU362886.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTNCYCKQCCFHCQVCFIKKGLGISYGRKKRRQRRRTPQGSQTHQGALQTQ\*VVNVMQPLEIYAIVALVIVAIIAIVVWIIVFLEIRKILRQRRIDRLVSRIIERAEDSGNESDGDQQELLVEMGHDAPWDVDEL\*S\*\*QLMGHSILWGTCVERSNHHIILCIRC\*II\*YRGT\*CLGHTCLCTHRPQPTRSKIRKCDREI\*HVEK\*NGRSDARRYNQSMGSKPKAMCEINPTLCYFKLH\*IE\*Y\*NQCYTR\*RGNEKLLFQYHHKHKR\*DTKGICTFL\*TRYSINR\*G\*E\*YI\*VDKL\*YLSPYAGLSKGNL\*ANSNTLLCPGWFCNF\*V\*R\*EVQWNRRLQKCQHSTVYTWN\*TSSVNSTAVKWQFSRRRDSN\*I\*KFHGQC\*NHNSTSE\*ISAN\*LYKAQQQYKKRYTYRTRENILCNRHNRRYKTSTL\*HK\*NTMG\*HFRKDS\*KIKRTI\*EQNNSL\*SILRRGPRNYNAQF\*LWRGIFLL\*YNTTI\*\*YLE\*N\*E\*N\*DREHK\*QYHTPMQNKTNYKPMAGSRKSNVCPSHQRTN\*LFIKYYRVTINKRWWHRKQRDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKESSNIGSSVPWVLGSSRKHYGRSVNDADGTGQTIINWYSATAEQSAESY\*GATAPVATHSLGH\*TAPGKSPGSGKIPTGSTAPRDLGLLWKTHLHH\*CALEY\*LEQ\*IYRSNLG\*HDLAGVGKRD\*QLYRHNIQLT\*NFAEPARTK\*TRIIEIGHVGKFVELV\*YIKVAVVYKNIHNDSRRLDRFKDNFYCAFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRQRQRHINTI

>B.1998.GU562001.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562002.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQASLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRSCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*H\*RKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562003.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYP\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGEEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562004.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562005.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562006.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562008.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562009.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHAMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562010.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*RGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562011.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562012.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562013.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQGSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCY\*IIVVGRE\*RTALSISPQT\*KIRCRKNMHCFMNLI\*NRWIILVIG\*\*VVTPQKLHRPVQRYPLSQFLYIIAPRLVLRF\*SVMIKSSMEQDHVEMSAQYNVHMELGQ\*YQLNCC\*MAV\*QKKM\*\*LDLKTSQTMLKP\*\*YS\*KTL\*KLIVQDPTTIQDKVYIWDQGDHFIQQEQ\*\*EI\*DKHIVTLVEKNGITLYNR\*SRN\*EKLSNLKIKQ\*PLRIPQEET\*KL\*HTVLIVEGNFSTVLQHRCLIVLGRMVLGLKDQITLAEISYSHAE\*NKL\*TCGRK\*EKQYMPLPLVDKLTVHQILQGCY\*QEMVVTRAMLLIILKPSDLVEEI\*GTIGEVNYINIK\*\*KLNQ\*E\*HPPRQREEWCREKKEQWE\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRTIC\*GLLRRNSTCCNSQSGASSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCLGILVGVIELCLRFGRT\*PGCNGKEKLTITQA\*YTL\*LKNRRTSKKRTNKNYWHWISGQICGVGLT\*QNGCGI\*KYS\*\*\*\*EAW\*V\*G\*FLLYFL\*\*IELGRDTHHYRCRPASQPRGDPTGPEEPKKKVETETEMDQVNQ

>B.1998.GU562014.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562015.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562016.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTNSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LK\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562017.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VNKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562018.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRSGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562019.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVALSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYP\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKANYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562020.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRYRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562021.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSEIHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562022.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562023.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHVN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562024.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGKTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562025.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGIVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCIILKPSDLVEEI\*GTIGEVNYINIK\*\*KLNQ\*E\*HPPRQREEWCREKKEQWE\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRTIC\*GLLRRNSTCCNSQSGASSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCLGILVGVIELCLRFGRT\*PGCNGKEKLTITQA\*YTL\*LKNRRTSKKRTNKNYWHWISGQICGVGLT\*QNGCGI\*KYS\*\*\*\*EAW\*V\*G\*FLLYFL\*\*IELGRDTHHYRCRPASQPRGDPTGPEEPKKKVETETEMDQVNQ

>B.1998.GU562026.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1998.GU562027.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VIHVMQSLTILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKFVGHSLLWGTCVERSNHHSILCIKC\*SI\*YRGT\*YLGHTCLCTHRPRPKRN\*IDKCDRRF\*CVEK\*HGRTNA\*GYN\*FMGSKPKVMCRINPTLCYLTLH\*\*CYYQCYYL\*\*\*\*WGGNEELLFQYHHKHRR\*GAEKTCTVL\*T\*YKTDG\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLRPGWFCDSKV\*\*\*KVQWNRTMWKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*KHHKQC\*NHNNTAERPCRN\*LYKTQQQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WRKME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*EFLRRRHRNCNTQF\*LWRGIFLLYYNTDV\*\*YLEGWYLD\*RIK\*HWRKYHTPMQNKTNYKHVAESRKSNICPSH\*WTN\*LFIKYYRAAINKRWW\*RGQCY\*\*Y\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSVSDLGEHDLDAMGKRN\*QLHRLNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKDNFYCTFYSK\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRQRQRWIRSI

>B.1997.GU562028.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQVYLPKQ\*VVHVMQPLQIAAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTGVGRSNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*P\*CSTNR\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQYKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*RRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*DKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*W\*\*HE\*DRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKLNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562029.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQGSLPKQ\*VVHVMQPLQIAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERNNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQYKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*RRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*NKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*HERD\*D\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKLNIYLN\*KIAKPTRKE\*TRIIGVR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILIIIIADPLPNPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562030.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQASLPKQ\*VVHVMQPLQIAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERNNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKGTMYECKHSTMYTWN\*ASSVNSTAVKWQSSRRKDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQDKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*NKTNYKHVAESRKSHVCPSHQRTN\*MFIKITGILLTRDGGNSGNNTNETEVFRPGGGDMRDNWRSELYKYKVVKIKPLGVAPTKAKRRVVQREKRAVGTIGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARLLAVERYLQDQQLLGIWGCSGKLICTTAVPWNDSWSNKSLDKIWNNMTWMEWDREINNYTSLIYTLIEKSQNQQEKNEQELLELDKWASLWNWFDITNWLWYIKIFIIIVGGLVGLRIVFIVLSIVNRVRQGYSPLSLQTRFPAPRGPDRPGGIEEEGGERDRDRSGRL

>B.1997.GU562031.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQASLPKQ\*VVHVMQPLQIAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERNNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQDKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YSEC\*\*YLE\*Y\*RVK\*HYYTPM\*DKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*HERD\*D\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKFNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562032.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQVPLPKQ\*VVHVMQPLQIAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERNNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQDKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*DKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*W\*\*HE\*DRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKLNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562033.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQGSLPKQ\*VVHVMQPLQIAAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERGNHYSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYFKLH\*LGKCY\*YQ\*\*\*\*GKHRRKNKSGRNEKLLFQYHHKHKR\*DEERICTFL\*P\*CSTNR\*\*\*\*\*YY\*KLYQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKGTMYECKHSTMYTWN\*ASSVNSTAVKWQSSRRKDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQDKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*DKTNYKHVAESRKSHVCPSHQRTS\*MFIKNYRDTINKRWW\*\*W\*\*HERDRDLQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKFNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562034.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDHQTNQVSLPKQ\*VVHVMQPLQIAAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERGNHYSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQDKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*DKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*W\*\*HE\*DRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKFNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562035.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDHQTNQVSLPKQ\*VVHVMQPLQIAAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERGNHYSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQDKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*DKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*W\*\*HERDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKFNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562036.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQVPLPKQ\*VVHVMQPLQIAAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERGNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQDKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*DKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*W\*\*HE\*DRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKFNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562037.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQASLPKQ\*VVHVMQPLQIAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERNNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQDKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*CNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*NKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*HERD\*D\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKFNIYLN\*EIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562038.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQVPLPKQ\*VVHVMQPLQIAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERNNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LHKTQQQYKKEYTYGTRENILCNRRYNRRYKTSTL\*P\*\*RRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*\*LEC\*\*YLE\*Y\*RVK\*HYYTPM\*NKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*HERD\*D\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKFNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562039.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDCQTNQVSLPKQ\*VVHVMQPLQIAAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDNL\*CYREIVGYSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*GADRY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNK\*\*\*\*\*YY\*KLYQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQYKKEYTYGTRESILCNRRDNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIKRTVWE\*NNSL\*SSLRRGPRNCKAQF\*LWRGIFLL\*FNTIV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*NKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*W\*\*HE\*DRGLQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QVHKFNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562040.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTDQVSLPKQ\*VVHVMQPLQIAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSVGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKGTMYECKHSTMYTWN\*ASSVNSTAVKWQSSRRKDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQDKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*KYLE\*Y\*RVK\*HYYTPM\*DKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*W\*\*HE\*DRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKLNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562041.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDHQTNQVSLPKQ\*VVHVMQPLQIAAIAALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEDGASCSLGC\*\*SVVLQKNCGLQSIMGYLCGKKQPLLYFVHQMLKHMIQRYIMFGPHMPVYPQTPTHKK\*YWEM\*QKILTCGKITW\*NRCRRI\*SVYGIKA\*NHV\*N\*PHSVLP\*VALR\*GKILIPPIVVWE\*\*RKK\*KTALSISPQA\*KIR\*RKNMHFFIDLM\*YQ\*IMVIIILLKIIPGIG\*\*IVTPQSLHRPVQRYPLSQFPYIIVPQLVLRF\*SVTIRHSMEKDHVQM\*AQYNVHMELGQ\*CQLNCC\*MAV\*QKKRQ\*LDPAISRTMPKP\*\*YSSIIL\*KLIVQDPTIIQERVYLWDQGKHFMQQEI\*\*EI\*DKHIVTLVEKNGITL\*AR\*L\*N\*ENSLGIKQ\*SLSKPQEGTQKL\*CTVLIVEGNFSTVIQHNCLIVFGMLVVLGIVLKGQMTLLHSHVE\*NKL\*TCGRK\*EKPCMPLPSEDKLNVHQKLQGYY\*QEMVVITRTRLRLRPSDLEEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQWEQ\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRTIC\*GLLRRNSICCNSQSGASSSSRQDSWLWKDTYRINSS\*GFGVALENSFAPLLCLGMIVGVINLWIRFGIT\*PGWSGIEKLTITQT\*YIP\*LKNRKTNKKRMNKNYWN\*ISGQVYGIGLT\*QTGCGI\*KYS\*\*\*\*EAW\*V\*E\*FLLYFL\*\*IELGRDTHHYHCRPASQPRGDPTGPEESKKKVERETETDPVD\*

>B.1997.GU562042.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQGSLPKQ\*VVHVMQPLQIAAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTGSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*GAERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*\*\*\*\*YY\*KLYQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQYKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*RRME\*HFKQDSYKIKRTVWE\*NNSL\*SSLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*NKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*HERD\*D\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVE\*RN\*QLHKLNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562043.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQASLPKQ\*VVHVMQPLQIAAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKGTMYECKHSTMYTWN\*ASSVNSTAVKWQSSRRKDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQDKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIERTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*DKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*W\*\*HERDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKLNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562044.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDHQTNQVSLPKQ\*VVHVMQPLQIAAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERGNHYSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYFKLH\*LGKCY\*YQ\*\*\*\*GKHRRKNKSGRNEKLLFQYHHKHKR\*DEERICTFL\*P\*CSTNR\*\*\*\*\*YY\*KLYQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKGTMYECKHSTMYTWN\*ASSVNSTAVKWQSSRRKDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQDKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*DKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*W\*\*HERDRDLQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLYHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKFNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562045.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQGSLPKQ\*VVHVMQPLQIAAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTGSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*GAERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*\*\*\*\*YY\*KLYQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQYKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*RRME\*HFKQDSYKIKRTVWE\*NNSL\*SSLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*NKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*HERD\*D\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKLNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562046.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQASLPKQ\*VVHVMQPLQIAAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERGNHYSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYFKLH\*LGKCY\*YQ\*\*Q\*GKHRRKNKSGRNEKLLFQYHHKHKR\*DEERICTFL\*P\*CSTNR\*\*\*\*\*YY\*KLYQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKGTMYECKHSTMYTWN\*ASSVNSTAVKWQSSRRKDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQDKKEYTYGTRESISCNRRYNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*DKTNYKHVAESRESHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*W\*\*HERDRDLQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCAVEC\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKLNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562047.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDHQTNQVSLPKQ\*VVHVMQPLQIAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERGNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*P\*CSTNR\*\*\*\*\*YY\*KLYQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQDKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*DKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*W\*\*HE\*DRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKLNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562048.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQGSLPKQ\*VVHVMQPLQIAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERGNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DTQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRKDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQDKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*DKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*HERD\*D\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKLNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562049.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDHQTNQVSLPKQ\*VVHVMQPLQIAAIAALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSILWGTCVERNNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*YSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQYKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*RRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*CLE\*Y\*RVK\*HYYTPM\*NKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*HERD\*D\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKLNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562050.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQGSLPKQ\*VVHVMQPLQIAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERNNHYSILCIRC\*SI\*YRGT\*CLGHTCLRTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQYKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*RRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*NKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*HERD\*D\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKLNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILIIIIADPLPNPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562051.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQASLPKQ\*VVHVMQPLQIAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERNNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQDKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*NKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*HERD\*D\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKFNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562052.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDHQTNQVSLPKQ\*VVHVMQPLQIAAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERGNHYSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQDKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*DKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*W\*\*HE\*DRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKFNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562053.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQASLPKQ\*VVHVMQPLQIAAIAALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERNNHYSILCIRC\*SI\*CRST\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYFTLH\*LGKCY\*YQ\*\*\*\*GKHRRKNKSGRNEKLLFQYHHKHKR\*DEERICTFL\*P\*CSTNR\*K\*YQI\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQYKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*RRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*NKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*HERD\*DRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKLNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILIIIIADPLPNPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562054.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDCQTNQVSLPKQ\*VVHVMQPLQIAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERNNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*P\*CSTNR\*\*\*\*\*YY\*NYTNYRLINCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNNKTFNGKGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEKIVIRSSNFSDNAKTIIVQLNNSVEINCTRPNNKTRKSIPMGPGRAFYATGDIIGDIRQAHCNLSRKEWNNTLSKIVIKLREQFGNKTIVFKQASGGDPEIVMHSFNCGGEFFYCNSTQLFNSTWNVNSTWNSTEESNDTIILPCRIKQIINMWQKVGKAMYAPPIRGQIKCSSKITGILLTRDGGNSGNNTNETEVFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGTIGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARLLAVERYLQDQQLLGIWGCSGKLICTTAVPWNDSWSNKSLDKIWNNMTWMEWDREINNYTSLIYTLIEKSQNQQEKNEQELLELDKWASLWNWFDITNWLWYIKIFIIIVGGLVGLRIVFIVLSIVNRVRQGYSPLSLQTRFPAPRGPDRPGGIEEEGGERDRDRSGRL

>B.1997.GU562055.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQGSLPKQ\*VVHVMQPLQIAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERNNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVGK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQYKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*RRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*NKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*HERD\*D\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKLNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562056.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDHQTNQVSLPKQ\*VVHVMQPLQIAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERGNHYSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*YSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQDKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*DKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*W\*\*HERDRDLQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKFNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562057.-

MEPVDPRLEPWNHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDRQTNQVPLPKQ\*VVHVMQPLQIAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGYSLLWGTCVERNNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYLKLH\*GEERY\*YHQ\*\*FGNDEGRNEKLLFQYHHKHKR\*DEERICTFL\*T\*CSTNR\*W\*\*\*YY\*K\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWKRTMYKCKHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IQQFLGQCQNHNSTAQ\*FCRN\*LYKTQQQDKKEYTYGTRESILCNRRYNRRYKTSTL\*P\*\*KRME\*HFKQDSYKIKRTVWE\*NNSL\*ASLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*\*YLE\*Y\*RVK\*HYYTPM\*DKTNYKHVAESRKSHVCPSHQRTN\*MFIKNYRDTINKRWW\*\*W\*\*HERDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGEEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHKFNIYLN\*KIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.GU562058.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQACFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVAAIIAIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEEWY\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562059.-

MEPVDPNLEPWMHPGSQPKTACTKCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVAVIIVIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEEWY\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562060.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQACFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVVVIIAIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEEWY\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRKNNTWIGSNGTENITLPCRIKQIINRWQEVGKAMYAPPISGVISCSSNITGLILTRDGGRGDVNNTNETEIFRPGGGDMRDNWRSELYKYKVVKIEPLGIAPTKAKRRVVQREKRAVTFGALFLGFLGAAGSTMGAASITLTAQARLLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNASWSNKSLEQIWDNMTWMEWEKEIDNYTGLIYTLIEESQNQQEKNEQELLALDKWASLWNWFDISNWLWYIKIFIMIVGGLVGLRVVFTVLSIVNRVRQGYSPLSFQTHLPAPRGPDRPEGTEEEGGEGNRNSSTRL

>B.1997.GU562061.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVTVIIAIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEEWY\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562062.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQACFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVTVIIAIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEEWY\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562063.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQSCFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVAVIIVIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562064.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVGAIIIAIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGACVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562065.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQACFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVTVIIAIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEEWY\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562066.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQACFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVAAIIAIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEEWY\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562067.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQSCFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVTVIIAIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEEWY\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562068.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQACFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVAVIIVIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEEWY\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHNPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562069.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQACFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVAAVIIAIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEEWY\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKIR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562070.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVTVIIAIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTTA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEEWY\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562071.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVAGIIAIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEEWY\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRAM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562072.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQSCFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVVVIIAIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEEWY\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRENNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562073.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQACFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVAVIIVIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRS\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEEWY\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562074.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQACFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVVVIIAIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*MFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562075.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQSCFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVVVIIAIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEEWY\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYERQLEK\*II\*I\*NSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562076.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQACFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVAVIIVIVVWTIVIIKYRKILRQRKIDRLIDRISERAEDSGNESKGDQEKLSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILKKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEEWY\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQ\*NRTM\*KCQHSAMYSWN\*TSSVNSATVKWQSGRRRGSD\*I\*KSHKQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICK\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAESRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRKRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGKGN\*QLHRLNIHLN\*KIAEPTRKK\*TRIIGIGQVGKFVKLV\*HIKLAVVYKNIHNNSRRFNRFKSSFYCTFYSK\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWKRKQKQLHQI

>B.1997.GU562077.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQSCFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVVVIIAIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEEWY\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562078.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVTVIIAIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCEINSTLCYFTLH\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1997.GU562079.-

MEPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQSCFITKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMPSLYILTIVAFVVAVIIVIVVWTIVIIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYKRFMGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSILEKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKPKTMCEINSTLCYFTLH\*FEE\*\*\*\*QYYSQSYNYQ\*YNQYRRRGNNKLHFQCHHNNRK\*DAETICTFL\*T\*CTKNR\*\*W\*LCVDKL\*QLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*KVQWNRTM\*KCQHSAMYSWN\*TSSVNSAAVKWQSGRRRGSD\*I\*KSHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTHSTRERILCNRSYNRRYKTSTL\*H\*\*TTME\*HFRKDSYKIKRTICE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLV\*E\*YLDRVKWH\*KYHTPMQNKTNYKQVAGSRKSNVCPSHQWSN\*LFIKYYRADINKRWGKR\*C\*\*HQRD\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSNVWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*VSRTNLG\*HDMDGVGEGN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIGQVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKSSFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRRKQKQLHQI

>B.1998.GU562080.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRVSN\*ICQFHRQC\*NHNSTVE\*ICKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*SNME\*HFKTDS\*KIRRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTI\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHRRAN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGNLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKLNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562081.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLRPGWFCDSKV\*R\*EVQWKRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRVSN\*ICQFHRQC\*NHNSTVE\*ICKN\*LYKTQHQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*SNME\*HFKTDS\*KIRRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTI\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRAN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGNLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKLNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562082.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTVMGHDLLWGTSVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*LRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKQLDLVSIDNTSKYRLISCNTSVITQACPKVTFEPIPIHYCAPAGFAILKCKDKKFNGKGPCNNVSTVQCTHGIRPVVSTQLLLNGSLAEEELVIRSANFTDNAKIIIVQLNESVKINCIRPNNNTRKSIHIGPGRAFYTTGEIIGDIRQAHCNISRAIWNNTLKLIARKLGEQFGNNKTIVFNQSSGGDPEIETHSFNCGGEFFYCNTTQLFNSTWNNNSTWSSNSTGDNENITITLPCRIKQIINMWQEVGKAMYAPPIRGQIRCSSNITGMILTRDGGENNTTEIFRPGGGDMRDNWRSELYKYKVVKIEPIGVAPTKAKRRVVQREKRAVGMGALFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNKSLNDIWDNMTWMQWEREIDNYTSLIYTLIEESQNQQEKNEQDLLALDKWASLWSWFDITNWLWYIKIFIMIIGGLVGLRIIFTVLSIVNRVRKGYSPLSFQTRLPTQRGPDRPEGIEEEGGERDKDRSGRL

>B.1998.GU562083.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*CCRTIVGHSLLWGTSVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLRPGWFCDSKV\*REEVQWKRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTVE\*ICKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*N\*MG\*HFKSDS\*KIKRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTV\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRAN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGNLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKLNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562084.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTVMGHDLLWGTSVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLRPGWFCDSKV\*REEVQWKRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRVSN\*ICQFHRQC\*NHNSTVE\*ICKN\*LYKTQQQYKKKYTDRTRESILYNRRNNRRYKTSTLQH\*\*N\*MG\*HFKSDS\*KIKRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTV\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRAN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKRNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562085.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*CCRTIVGHSLLWGTSVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*LRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTVE\*ICRN\*LYKTQQQYKKKYTYRIRESILYNRRNNRRYKTSTLQH\*\*SKME\*NFKTDS\*KIRRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTV\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKRNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562086.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTVMGHDLLWGTSVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRVSN\*ICQFHRQC\*NHNSTVE\*ICKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*SNME\*HFKTDS\*KIRRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTI\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKRNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562087.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTVMGHDLLWGTSVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTVE\*ICKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*N\*MG\*HFKSDS\*KIKRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTV\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRAN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGNLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLR\*YDLDAVGKRN\*QLHKLNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562088.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTVMGHDLLWGTSVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRVSN\*ICQFHRQC\*NHNSTVE\*ICKN\*LYKTHHQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*SNME\*HFKTDS\*KIRRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTI\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGNLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKRNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562089.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*CCRTIVGHSLLWGTSVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTVE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*SNME\*HFKTDS\*KIRRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTI\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKRNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562090.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTVMGHDLLWGTSVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLCPGWFCDSKM\*R\*EVQWKRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRVSN\*ICQFHRQC\*NHNSTVE\*ICKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*N\*MG\*HFKSDS\*KIKRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTV\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRAN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGNLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKLNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562091.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLRPGWFCDSKV\*R\*EVQWKRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRVSN\*ICQFHRQC\*NHNSTVE\*ICKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*SNME\*HFKTDS\*KIRRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTI\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKRNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562092.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTVMGHDLLWGTSVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*TNSHTLLCPGWFCDSKV\*G\*KVQWKRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTTE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*N\*ME\*HFKSDS\*KIKRTIWE\*\*NNSL\*SILRRGPRN\*NTQF\*LWRGIFLL\*YNTTV\*FNLE\*\*LNLE\*\*FNGR\*\*KYHPPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGNLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKLNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562093.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTVMGHDLLWGTSVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRVSN\*ICQFHRQC\*NHNSTVE\*ICKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*SNME\*HFKTDS\*KIRRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTI\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGNLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKLNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562094.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLRPGWFCDSKV\*REEVQWKRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTVE\*ICKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*N\*MG\*HFKSDS\*KIKRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTV\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRAN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYERQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGNLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKLNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562095.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTVMGHDLLWGTSVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRVSN\*ICQFHRQC\*NHNSTVE\*ICKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*N\*MG\*HFKSDS\*KIKRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTV\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRAN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGNLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKLNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562096.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLRPGWFCDSKV\*R\*EVQWKRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRVSN\*ICQFHRQC\*NHNSTVE\*ICKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*N\*MG\*HFKSDS\*KIRRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTI\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKRNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562097.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*CCRTIVGHSLLWGTSVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*LRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRVSN\*ICQFHRQC\*NHNSTVE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*SKME\*NFKTDS\*KIRRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTV\*FNLE\*\*LNLE\*\*FNGR\*\*K\*HYHPPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKLNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562098.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTVMGHDLLWGTSVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRVSN\*ICQFHRQC\*NHNSTVE\*ICKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*SNME\*HFKTDS\*KIRRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTI\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSH\*RTN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKRNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNIYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562099.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*CCRTIVGHSLLWGTSVERSNHHSILCIRC\*SI\*YRNT\*CLGHTCLCTHRPQPTRNSSGKCDRRV\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDKDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLRPGWFCDSKV\*REEVQWKRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTVE\*ICKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*N\*MG\*HFKSDS\*KIKRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTV\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRAN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGNLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKLNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562100.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQTLAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTVMGHDLLWGTSVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRVSN\*ICQFHRQC\*NHNSTVE\*ICKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*SNME\*HFKTDS\*KIRRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTI\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKRNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562101.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLRPGWFCDSKV\*REEVQWKRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTVE\*ICKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*N\*MG\*HFKSDS\*KIKRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTV\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRAN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGNLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKLNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562102.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTVMGHDLLWGTSVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRVSN\*ICQFHRQC\*NHNSTVE\*ICKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*SNME\*HFKTDS\*KIRRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTI\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKRNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562103.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERRNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*QI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRVSN\*ICQFHRQC\*NHNSTVE\*ICKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*SNME\*HFKTDS\*KIRRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTI\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKRNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.GU562104.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VAHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*YYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLL\*FRKYY\*YQYH\*\*\*WDRDGERKNKKLLFQYHHKHKR\*DAKTICNFL\*T\*FSINR\*Y\*RI\*VDKL\*HLSHYTGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRVSN\*ICQFHRQC\*NHNSTVK\*ICKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTLQH\*\*N\*MG\*HFKSDS\*KIKRTIWE\*\*NNSL\*SILRRGPRN\*NAQF\*LWRGIFLL\*YNTTV\*FNLE\*\*LNLE\*\*FNGR\*\*KYHYHPPMQNKTNYKHVAGSRKSNVCPSHQRAN\*MLIKYYRDDFNKRWW\*EQHH\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSINNADGTGQAIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHRCALEC\*LE\*\*ISE\*HLG\*YDLDAVGKRN\*QLHKRNIHFN\*RIAEPTRKE\*TRLIGIR\*MGKFMELV\*HNELAVVYKNIHNDNRRISRFKNNFYCTFYSE\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.2003.GU562105.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562106.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFYDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562107.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPNAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKRRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIRSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562108.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562109.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*NAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFYDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKANYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562111.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLYPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NKTIAFNKSSGGDIEIVTHSFNCGGEFFYCNTTGLFSSTWPPNDTSTGNITKDNITLQCRIKQIINMWQRVGKAIYAPPISGPIQCSSNITGLLLTRDGGSEGNITNNTIETFRPGGGDMRDNWRSELYKYKVVKIEPIGIAPTKAKRRVVQREKRAVGIGAVFLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQSNLLRAIEVQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSKSKNLSQIWDNMTWMQWEREIDNYTELIYTLIEESQNQQEKNEQELLALDQWASLWSWFDITNWLWYIRLFIMIVGGLIGLRIIFTVLSIVNRVRQGYSPLSLQTRFPAQRGPDRPGGIEEEGGDRDRDGSGQS

>B.2003.GU562112.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562113.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINSTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTRESILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*TLRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEDY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRRARRNRRRRWRQRQRWIRSI

>B.2003.GU562114.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562115.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDNL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLYPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562116.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562117.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIIVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKNMHCFMNLI\*NRWIMIILVIG\*\*VVTPQKLHRPVQRYPLSQFLYIIVPRLVLRF\*SVMIRSSMEQDHVKMSAQYNVHMELGQ\*YQLNCC\*MAV\*QKKK\*\*LDLKTSQTMLKP\*\*YS\*MYLYQLIVQDLTTIQDKVYIWDQGNHFIQQEQ\*\*EI\*DKHIVTLVEKNGITLYNR\*SGN\*EKLSNLKIKQ\*PLINPQEET\*KL\*HTVLIVEGNFSTVIQQGCLVVLGHLMILRLGILLRTISHSNAE\*NKL\*TCGRE\*EKQYMPLPSVDQFNVHQILQGCY\*QEMVVARAILLIILLKPSDLVEEI\*GTIGEVNYINIK\*\*KLNQ\*E\*HPPRQREEWCREKKEQWE\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRAIC\*GLLRCNSTCCNSQSGASSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCLGILVGVRVKICLRFGIT\*PGCNGKEKLTITQS\*YTL\*LKNRRTSKKRTNKNYWHWISGQVCGVGLT\*QIGCGI\*DYS\*\*\*\*EA\*\*V\*G\*FLLYFL\*\*IELGRDTHHYRCRPASQPRGDPTGPEESKKKVETETEMDQVNQ

>B.2003.GU562118.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562119.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562120.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTDGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562121.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDGE\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDYKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTGIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562122.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLKK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562123.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562124.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSLL\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562125.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQK\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562126.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562127.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDPKV\*\*\*EV\*WNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562128.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRRQDAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFYDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562129.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562130.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562131.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562132.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKACTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562133.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRTPQDSETHQVSLPKQ\*VIHVMQSVAILAIVGLVVAAIIAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIKC\*SI\*SRGT\*YLGHTCLCTHRPRPKRN\*IGKCYRKF\*RVEK\*HGRTNA\*GYN\*FMGSKPKAMCRINPTLCYLTLH\*CY\*QC\*\*CYYQYQCYCQ\*\*\*\*\*GGNEELLFQYHHKHRR\*DAEKTCTVL\*T\*YKTDG\*\*\*Y\*L\*VDKL\*HLKNYTGLSKDIL\*ANSYTLLCPGWFYDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRSSN\*I\*KHHKQC\*NHNNTAECICTN\*LYKT\*QQYKTRYTYGTREIILYSRSNNRRYKTSTL\*H\*WKRME\*HFTTDSQEIKRN\*AI\*K\*NNSL\*\*ILRRRHRNCNTQF\*LWRGIFLL\*YNRAV\*\*YLAT\*\*YFDWEYY\*GQYHTPMQNKTNYKHVAESRKSNICPSHQWTNSMFIKYYRAAINKRWW\*RGQYY\*\*YY\*NLQTWWRRYEGQLEK\*II\*I\*SSKN\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATALVATHSLGHQAAPGKSPGYGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*E\*KSVSDLG\*HDLDAMGKRN\*QLHRVNIHFN\*RIAEPARKERTRIIGIGSVGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKDNFYCTFYSK\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRQRQRWIRSI

>B.2003.GU562134.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISYGRKKRRQRRRAHQDRQANQVSLPKQ\*VVHVMQSLKIVAIAALVVGVIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SCTRFVGHSLLWGTCVEGSKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFTLH\*FGKCY\*YQCY\*YQ\*KY\*GKNEGRNKKLLFQYHHKHKR\*SDKTICTFL\*A\*CSTNR\*\*\*R\*K\*CYFQLY\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPSGFCDSKV\*\*\*QVQWIRAMYKCQHSTMYTWNQASSVNSTAVKWQPSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQYKKKYTYGTRESILCNRRHNRKYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGLRNCNTQF\*LWRGIFLLQLIKTV\*LEFNTLEFNTLEFNTTG\*\*YWK\*YYYTHM\*DKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRDTINKRWWK\*Q\*HQQNRDLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSGNARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GAAASVATHSLGHQTAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVGERNQQLHRINIQPT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNLHNDSRRLGRFKNSFYCTFYSK\*S\*AGVLTIVISDPLPNPEGTRQARRNRRRRWRERQRQINSI

>B.2003.GU562135.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISYGRKKRRQRRRAHQDRQANQVSLPKQ\*VVHVMQSLKIVAIAALVVGVIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SCTRFVGHSLLWGTCVEGSKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFTLH\*FGKCY\*YQCY\*YQ\*KY\*GKNEGRNKKLLFQYHHKHKR\*SDKTICTFL\*A\*CSTNR\*\*\*R\*K\*CYFQLY\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*\*\*QVQWIRAMYKCQHSTMYTWNQASSVNSTAVKWQPSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQYKKKYTYGTRESILCNRRHNRKYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGLRNCNTQF\*LWRGIFLLQLIKTV\*LEFNTLEFNTLEFNTTG\*\*YWK\*YYYTHM\*DKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRDTINKRWWK\*Q\*HQQNRDLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSGNARSYVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVGERNQQLHRINIQPT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNLHNDSRRLGRFKNSFYCTFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQINSI

>B.2003.GU562136.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISYGRKKRRQRRRAHQDRQANQVSLPKQ\*VVHVMQSLKIVAIAALVVGVIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SCTRFVGHSLLWGTCVEGSKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFTLH\*FGKCY\*YQCY\*YQ\*KY\*GKNEGRNKKLLFQYHHKHKR\*SDKTICTFL\*A\*CSTNR\*\*\*R\*K\*CYFQLY\*L\*VDKYYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*\*\*QVQWIRAMYKCQHSTMYTWNQASSVNSTAVKWQPSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQYKKKYTYGTRESILCNRRHNRKYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGLRNCNTQF\*LWRGIFLLQLIKTV\*LEFNTLEFNTLEFNTTG\*\*YWK\*YYYTHM\*DKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRDTINKRWWK\*Q\*HQQNRDLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSGNARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVGERNQQLHRINIQPT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNLHNDSRRLGRFKNSFYCTFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQINSI

>B.2003.GU562137.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISYGRKKRRQRRRAHQDRQANQVSLPEQ\*VVHVMQSIIIVAIAALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SCTRFVGHSLLWGTCVEGSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFTLH\*FECY\*YQCY\*YQWY\*YQWQYWGKNKGRNDKLLFQYHHKHKR\*GDNTICTFL\*T\*FSTNR\*\*\*\*ECY\*L\*VDTL\*YLSHYTGLSKGIL\*TNSHTLLCPSWFCDSKV\*\*\*QVQWIRAMYKCQHSTMYTWN\*ASSVNSTAVKW\*PSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQDKKTYTYRTRESILCNRHKRIYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGVFLLQFITTV\*WEFRTTV\*\*YWE\*YY\*THM\*DKTNYKHVAGSR\*SNVCPSHPRTN\*MFIKYYRDTINKRWW\*\*Q\*HQQHRDLQIRRRKYEGQLEK\*II\*I\*SSKN\*TVRSSTHQGKEKSGAKRKKSGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVG\*RNQQLHRINIQPT\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKDSFCCAFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQIHSI

>B.2003.GU562138.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISYGRKKRRQRRRAHQDRQANQVSLPEQ\*VVHVMQSIIIVAIAALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SCTRFVGHSLLWGTCVEGSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFTLH\*FECY\*YQCY\*YQWY\*YQWQYWGKNKGRNDKLLFQYHHKHKR\*SDNTICTFL\*T\*FSTNR\*\*\*\*ECY\*L\*VDTL\*YLSHYTGLSKGIL\*TNSHTLLCPSWFCDSKV\*\*\*QVQWIRAMYKCQHSTMYTWN\*ASSVNSTAVKW\*PSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQDKKTYTYRTRESILCNRHKRIYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGVFLLQFITTV\*WEFRTTV\*\*YWE\*YY\*THM\*DKTNYKHVAGSR\*SNVCPSHPRTN\*MFIKYYRDTINKRWW\*\*Q\*HQQHRDLQTRRRKYEGQLEK\*II\*I\*SSKN\*TVRSSTHQGKEKSGAKRKKSGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVG\*RNQQLHRINIQPT\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKDSFCCAFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQIHSI

>B.2003.GU562139.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISYGRKKRRQRRRAHQDRQANQVSLPKQ\*VVHVMQSLKIVAIAALVVGVIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SCTRFVGHSLLWGTCVEGSKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFTLH\*FGKCY\*YQCY\*YQ\*KY\*GKYEGRNKKLLFQYHHKHKR\*SDKTICTLL\*A\*CSTNR\*\*\*R\*K\*CYFQLY\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*\*\*QVQWIRAMYKCQHSTMYTWNQASSVNSTAVKWQPSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQYKKKYTYGTRESILCNRRHNRKYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGLRNCNTQF\*LWRGIFLLQLIKTV\*LEFNTTG\*\*YWK\*YYYTHM\*DKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRDTINKRWWK\*Q\*HQQNRDLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSGNARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVGERNQQLHRINIQPT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNLHNDSRRLGRFKNSFYCTFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQINSI

>B.2003.GU562140.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISYGRKKRRQRRRAHQDRQANQVSLPKQ\*VVHVMQSLKIVAIAALVVGVIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SCTRFVGHSLLWGTCVEGSKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFTLH\*FGKCY\*YQCY\*YQ\*KY\*GKNEGRNKKLLFQYHHKHKR\*SDKTICTFL\*A\*CSTNR\*\*\*R\*K\*CYFQLY\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*\*\*QVQWIRAMYKCQHSTMYTWNQASSVNSTAVKWQPSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQYKKKYTYGTRESILCNRRHNRKYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGLRNCNTQF\*LWRGIFLLQLIKTV\*LEFNTLEFNTLEFNTTG\*\*YWK\*YYYTHM\*DKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRDTINKRWWK\*Q\*HQQNRDLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSGNARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTRLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVGERNQQLHRINIQPT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNLHNDSRRLGRFKNSFYCTFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQINSI

>B.2003.GU562141.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISYGRKKRRQRRRAHQDRQANQVSLPKQ\*VVHVMQSLKIVAIAALVVGVIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SCTRFVGHSLLWGTCVEGSKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFTLH\*FGKCY\*YQCY\*YQ\*KY\*GKNEGRNKKLLFQYHHKHKR\*SDKTICTFL\*A\*CSTNR\*\*\*R\*K\*CYFQLY\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*\*\*QVQWIRAMYKCQHSTMYTWNQASSVNSTAVKWQPSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQYKKKYTYGTRESILCNRRHNRKYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGLRNCNTQF\*LWRGIFLLQLIKTV\*LEFNTLEFNTLEFNTTG\*\*YWK\*YYYTHM\*DKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRDTINKRWWK\*Q\*HQQNRDLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSGNARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVGERNQQLHRINIQPT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNLHNDSRRLGRFKNSFYCTFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQINSI

>B.2003.GU562142.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISYGRKKRRQRRRAHQDRQANQVSLPKQ\*VVHVMQSLKIVAIAALVVGVIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SCTRFVGHSLLWGTCVEGSKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFTLH\*FGKCY\*YQCY\*YQ\*KY\*GKNEGRNKKLLFQYHHKHKR\*SDKTICTFL\*A\*CSTNR\*\*\*R\*K\*CYFQLY\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*\*\*QVQWIRAMYKCQHSTMYTWNQASSVNSTAVKWQPSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQYKKKYTYGTRESILCNRRHNRKYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGLRNCNTQF\*LWRGIFLLQLIKTV\*LEFNTLEFNTTG\*\*YWK\*YYYTHM\*DKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRDTINKRWWK\*Q\*HQQNRDLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSGNARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVGERNQQLHRINIQPT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNLHNDSRRLGRFKNSFYCTFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQINSI

>B.2003.GU562143.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISYGRKKRRQRRRAHQDRQANQVSLPKQ\*VVHVMQSLKIVAIAALVVGVIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SYTRFVGHSLLWGTCVEGSKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFTLH\*FGKCY\*YQCY\*YQ\*KY\*GKNEGRNKKLLFQYHHKHKR\*SDKTICTFL\*A\*CSTNR\*\*\*R\*K\*CYFQLY\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*\*\*QVQWIRAMYKCQHSTMYTWNQASSVNSTAVKWQPSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQYKKKYTYGTRESILCNRRHNRKYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGLRNCNTQF\*LWRGIFLLQLIKTV\*LEFNTTG\*\*YWK\*YYYTHM\*DKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRDTINKRWWK\*Q\*HQQNRDLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSGNARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVGERNQQLHRINIQPT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNLHNDSRRLGRFKNSFYCTFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQINSI

>B.2003.GU562144.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISYGRKKRRQRRRAHQDRQANQVSLPKQ\*VVHVMQSLKIVAIAALVVGVIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SYTRFVGHSLLWGTCVEGSKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFTLH\*FGKCY\*YQCY\*YQ\*KY\*GKNEGRNKKLLFQYHHKHKR\*SDKTICTFL\*A\*CSTNR\*\*\*R\*K\*CYFQLY\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*\*\*QVQWIRAMYKCQHSTMYTWNQASSVNSTAVKWQPSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQYKKKYTYGTRESILCNRRHNRKYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGLRNCNTQF\*LWRGIFLLQLIKTV\*LEFNTLEFNTLEFNTTG\*\*YWK\*YYYTHM\*DKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRDTINKRWWK\*Q\*HQQNRDLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSGNARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVGERNQQLHRINIQPT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNLHNDSRRLGRFKNSFYCTFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQINSI

>B.2003.GU562145.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISYGRKKRRQRRRAHQDRQANQVSLPKQ\*VVHVMQSLKIVAIAALVVGVIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SCTRFVGHSLLWGTCVEGSKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFTLH\*FGKCY\*YQCY\*YQ\*KY\*GKNEGRNKKLLFQYHHKHKR\*SDKTICTFL\*A\*CSTNR\*\*\*R\*K\*CYFQLY\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*\*\*QVQWIRAMYKCQHSTMYTWNQASSVNSTAVKWQPSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQYKKKYTYGTRESILCNRRHNRKYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGLRNCNTQF\*LWRGIFLLQLIKTV\*LEFNTLEFNTLEFNTTG\*\*YWK\*YYYTHM\*DKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRDTINKRWWK\*Q\*HQQNRDLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSGNARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVGERNQQLHRINIQPT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNLHNDSRRLGRFKNSFYCTFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQINSI

>B.2003.GU562146.-

MGPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGIFYGRKKRRQRRRAHQDRQANQVSLPKQ\*VVHVMQSLKIVAIAALVVGVIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SYTRFVGHSLLWGTCVEGSKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFTLH\*FGKCY\*YQCY\*YQ\*KY\*GKNEGRNKKLLFQYHHKHKR\*SDKTICTFL\*A\*CSTNR\*\*\*R\*K\*CYFQLY\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*\*\*QVQWIRAMYKCQHSTMYTWNQASSVNSTAVKWQPSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQYKKKYTYGTRESILCNRGHNRKYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGLRNCNTQF\*LWRGIFLLQLIKTV\*LEFNTLEFNTLEFNTTG\*\*YWK\*YYYTHM\*DKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRDTINKRWWK\*Q\*HQQNRDLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSGNARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVGERNQQLHRINIQPT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNLHNDSRRLGRFKNSFYCTFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQINSI

>B.2003.GU562147.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISYGRKKRRQRRRAHQDRQANQVSLPEQ\*VVHVMQSIIIVAIAALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SCTRFVGHSLLWGTCVEGSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFTLH\*FECY\*YQWY\*YQWQYWGKNKGRNDKLLFQYHHKHKR\*SDNTICTFL\*T\*FSTNR\*\*\*\*ECY\*L\*VDTL\*YLSHYTGLSKGIL\*TNSHTLLCPSWFCDSKV\*\*\*QVQWIRAMYKCQHSTMYTWN\*ASSVNSTAVKW\*PSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQDKKTYTYRTRESILCNRHKRIYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGVFLLQFITTV\*WEFRTTV\*\*YWE\*YY\*THM\*DKTNYKHVAGSR\*SNVCPSHPRTN\*MFIKYYRDTINKRWW\*\*Q\*HQQHRDLQTRRRKYEGQLEK\*II\*I\*SSKN\*TVRSSTHQGKEKSGAKRKKSGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVG\*RNQQLHRINIQPT\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKDSFCCAFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQIHSI

>B.2003.GU562148.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISYGRKKRRQRRRAHQDRQANQVSLPEQ\*VVHVMQSIIIVAIAALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SCTRFVGHSLLWGTCVEGSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFTLH\*FECY\*YQWY\*YQWQYWGKNKGRNDKLLFQYHHKHKR\*SDNTICTFL\*T\*FSTNR\*\*\*\*ECY\*L\*VDTL\*YLSHYTGLSKGIL\*TNSHTLLCPSWFCDSKV\*\*\*QVQWIRAMYKCQHSTMYTWN\*ASSVNSTAVKW\*PSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQDKKTYTYRTRESILCNRHKRIYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGVFLLQFITTV\*WEFRTTV\*\*YWE\*YY\*THM\*DKTNYKHVAGSR\*SNVCPSHPRTN\*MFIKYYRDTINKRWW\*\*Q\*HQQHRDLQTRRRKYEGQLEK\*II\*I\*SSKN\*TVRSSTHQGKEKSGAKRKKSGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVG\*RNQQLHRINIQPT\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKDSFCCAFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQIHSI

>B.2003.GU562149.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISYGRKKRRQRRRAHQDRQANQVSLPEQ\*VVHVMQSIIIVAIAALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SCTRFVGHSLLWGTCVEGSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCNRKF\*YVEK\*HGRTDAGGYNQLMGSKPKAMCKINPTLCYFTLH\*FECY\*YQWY\*YQWQYWGKNKGRNDKLLFQYHHKHKR\*NDNTICTFL\*T\*FSTNR\*\*\*\*ECY\*L\*VDTL\*YLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*\*\*QVQWIRAMYKCQHSTMYTWN\*ASSVNSTAVKWQPSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQDKKTYTYRTRESILCNRHKRIYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGVFLLQFITTV\*WEFRTTV\*\*YWE\*YY\*AHM\*DKANYKHVAGSR\*SNVCPSHPRTN\*MFIKYYRDSINKRWW\*\*Q\*HQQHRDLQTRRRKYEGQLEK\*II\*I\*SSKN\*TVRSSTHQGKEKSGAERKKSGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVG\*RNQQLHRINIQPT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYYNFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQIHSI

>B.2003.GU562150.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISYGRKKRRQRRRAHQDRQANQVSLPKQ\*VVHVMQSLKIVAIAALVVGVIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SCTRFVGHSLLWGTCVEGSKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFTLH\*FGKCY\*YQCY\*YQ\*KY\*GKNEGRNKKLLFQYHHKHKR\*SDKTICTFL\*A\*CSTNR\*\*\*R\*K\*CYFQLY\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*\*\*QVQWIRAMYKCQHSTMYTWNQASSVNSTAVKWQPSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQYKKKYTYGTRESILCNRRHNRKYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGLRNCNTQF\*LWRGIFLLQLIKTV\*LEFNTLEFNTLEFNTTG\*\*YWK\*YYYTHM\*DKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRDTINKRWWK\*Q\*HQQNRDLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSGNARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVGERNQQLHRINIQPT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNLHNDSRRLGRFKNSFYCTFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQINSI

>B.2003.GU562151.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISYGRKKRRQRRRAHQDRQANQVSLPKQ\*VVHVMQSLKIVAIAALVVGVIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SCTRFVGHSLLWGTCVEGSKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFTLH\*FGKCY\*YQCY\*YQ\*KY\*GKNEGRNKKLLFQYHHKHKR\*SDKTICTFL\*A\*CSTNR\*\*\*R\*K\*CYFQLY\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*\*\*QVQWIRAMYKCQHSTMYTWNQASSVNSTAVKWQPSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQYKKKYTYGTRESILCNRRHNRKYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGLRNCNTQF\*LWRGIFLLQLIKTV\*LEFNTLEFNTLEFNTTG\*WYWK\*YYYTHM\*DKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRDTINKRWWK\*Q\*HQQNRDLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSGNARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVGERNQQLHRINIQPT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNLHNDSRRLGRFKNSFYCTFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQINSI

>B.2003.GU562152.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISYGRKKRRQRRRAHQDRQANQVSLPEQ\*VVHVMQSIIIVAIAALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SCTRFVGHSLLWGTCVEGSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFTLH\*FECY\*YQCY\*YQWY\*YQWQYWGKNKGRNDKLLFQYHHKHKR\*SDNTICTFL\*T\*FSTNR\*\*\*\*ECY\*L\*VDTL\*YLSHYTGLSKGIL\*TNSHTLLCPSWFCDSKV\*\*\*QVQWIRAMYKCQHSTVYTWN\*ASSVNSTAVKW\*PSRKRGSN\*I\*QFLGQC\*NHNSTTE\*ICRN\*LYKTQQQDKKTYTYRTRESILCNRHKRIYKTSTL\*PQWSRLDENFKPGKRKITRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGVFLLQFITTV\*WEFRTTV\*\*YWE\*YY\*THM\*DKTNYKHVAGSR\*SNVCPSHPRTN\*MFIKYYRDTINKRWW\*\*Q\*HQQHRDLQTRRRKYEGQLEK\*II\*I\*SSKN\*TVRSSTHQGKEKSGAKRKKSGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSVRNLG\*HDLDAVG\*RNQQLHRINIQPT\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKDSFCCAFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQIHSI

>B.2004.GU562153.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFFL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562154.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSGADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562155.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSAMLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WMGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPI\*FNLE\*E\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRQRQRHIRQI

>B.2004.GU562156.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLF\*YHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNNTAE\*IRRN\*LYKTQQQYKKKYTYRTREGILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKEQWD\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRIIC\*GLLRRNSICCNSQSGASSSSRQESWLWRGT\*RINSSWGFGVALENSFAPLLCLGMLVGVINP\*MTFGII\*HGWSGKEKLTITQKRYTI\*LKSRKTNKKRMNKNYWN\*INGQVCGIGLT\*HDGCGT\*KYS\*\*\*\*EDW\*V\*E\*SLLYFP\*\*IELGRDTHHYRFRPASQPRGNPTGPKESKKKVERETETHPED\*

>B.2004.GU562157.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562158.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562159.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKIVRQRKIDRLIDRIRERAEDSGNESEGDEEELSAMLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKYNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRKSILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*NIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562160.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWD\*ASSIHSTAIKWQSSRRRGRN\*I\*KFHKQCEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILCNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNNLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISERWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTYQGKEKSGAKRKKSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATSSVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPKPEGTRQARRNRRRRWRERQRQIRKI

>B.2004.GU562161.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRNM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRGGSN\*I\*KFHKQCEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNRLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSGNRSFVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATSSVATYSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562162.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562163.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562164.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKIVRQRKIDRLIDRIRERAEDSGNESEGDEEELSAMLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKYNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRKSILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSVTAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*NIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562165.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562166.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTVE\*IRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDSRKIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*G\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*NIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562167.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKQCCFHCQVCFIRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRNM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLLQLNTPV\*FNLEKG\*FNLD\*E\*L\*FNGK\*\*NYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGVLTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562168.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPVLFNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562169.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCKKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562170.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562171.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562172.-

MEPVDPKLEPWEHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562173.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGARRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562174.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNNTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562175.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLF\*YHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNNTAE\*IRRN\*LYKTQQQYKKKYTYRTREGILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKGGAKRKKSNGNRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562176.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDGQSHQASLSEQ\*VTHVMQPLEISAIVGLVVAVIVAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIMERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNGIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CSTNR\*G\*YQL\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*WNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQPSRRRGSN\*I\*KFHRQCEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNGK\*RNYHPPMQNKTNYK\*VAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCALWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562177.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562178.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVKRGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKKN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562179.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562180.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562181.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562182.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562183.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIREKAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVKK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRNM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRGGSN\*I\*KFHKQCEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNRLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*EGL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSGNRSFVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATSSVATYSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562184.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLF\*YHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNNTAE\*IRRN\*LYKTQQQYKKKYTYRTREGILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKGGAKRKKSNGNRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562185.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRNM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRGGSN\*I\*KFHKQCEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNRLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*EGL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSGNRSFVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATSSVATYSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562186.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562187.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSEQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIMERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*KAETIFNF\*CP\*YNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAESY\*GATSSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWREKQRHIRKI

>B.2004.GU562188.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRNSQSHQASLSEQ\*VTHVMQPLEISAIVGLVVAIIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CSTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRD\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSRNRSCALWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KIAKPTRKE\*TRIIGIR\*MGKSMELV\*HNTMAVVHKNIHNDSRRIGRFKNNFYYTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562189.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562190.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562191.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSAMLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WMGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPI\*FNLE\*E\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSH\*RTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRQRQRHIRQI

>B.2004.GU562192.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIMERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATPSVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRQRQRHIRQI

>B.2004.GU562193.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLF\*YHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNNTAE\*IRRN\*LYKTQQQYKKKYTYRTREGILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKGGAKRKKSNGNRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562194.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLF\*YHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNNTAE\*IRRN\*LYKTQQQYKKKYTYRTREGILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKGGAKRKKSNGNRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPARKE\*TRIIEIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562195.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562196.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAVLERGHIAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLF\*YHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQYEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKYNILSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQAIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*HDLDGVGKRN\*QLHKRDIRFN\*RIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562197.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKSDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562198.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562199.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562200.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIMERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNGIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CSTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGNN\*I\*KFHKQCEKHNSTAE\*TRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIKRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKGGAKRKKSSGIRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*KIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRQRQRHIRQI

>B.2004.GU562201.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSEQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIMERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKLQHVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*KAETIFNF\*CP\*YNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAESY\*GATSSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562202.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKIVRQRKIDRLIDRIRERAEDSGNESEGDEEELSAMLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKYNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRKSILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*NIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562203.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRTAPSDSQSHQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSEILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNGIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNA\*F\*LWRGILLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIQFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562204.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562205.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRNM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRGGSN\*I\*KFHKQCEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNRLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*EGL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSGNRSFVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATSSVATYSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562206.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDGQSHQASLSEQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRNM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562207.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSAMLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WMGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRDSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPI\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRQRQRHIRQI

>B.2004.GU562208.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLF\*YHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNNTAE\*IRRN\*LYKTQQQYKKKYTYRTREGILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKGGAKRKKSNGNRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562209.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLF\*YHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNNTAE\*IRRN\*LYKTQQQYKKKYTYRTREGILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKGGAKRKKSNGNRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562210.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKTMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*TRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562211.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*RYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562212.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQE\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIEIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562213.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562214.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRNM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRGGSN\*I\*KFHKQCEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNRLSAILRRGPRNCNAQF\*LWRGIFFTVIQHTCLIQLGIGVIQFGLRMIIIQR\*ITKLSPSHAE\*NKL\*TSGRK\*EKQCMPLPSKDKLDAHQILQG\*Y\*\*EMVGTRTPPTRPSDLQEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HLPRQREEWCKEKKERE\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRIIC\*GLLRRNIICCNLQSGASSSSRQESWLWRDT\*RINSSWGSGVALENSFAPLLCLGMLVGVINP\*MTFGII\*HGWSGKEKLTITQKRYTI\*LKNRRTNKKRMNKNYWN\*INGQVCGIGLT\*HNGCGT\*KYS\*\*\*\*EDW\*V\*E\*FLLYFP\*\*IELGRDTHHYHFRPASQPRGNPTGPKESKKKVERETETYQED\*

>B.2004.GU562215.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562216.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU562217.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRRPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.1997.GU562218.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNLQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*R\*\*K\*QWS\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSQN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIAEPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKTIHNDSRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562219.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDYNSQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WYLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*K\*\*KWL\*K\*\*K\*E\*DLQTWRRKYKG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKTIHNDSRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562220.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKKCCYHCIHCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTIIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQYCGERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*N\*\*\*YN\*W\*\*\*\*L\*\*LCIDKL\*HLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*L\*RGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLE\*Y\*RDK\*YERKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*KL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVP\*VLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TEIIRIG\*VGKFVELV\*HIKLAVVYKNIHNNNRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWKDRQRHINSI

>B.1997.GU562221.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LCIDKL\*HLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*LWRGVFLLQYNAAV\*\*YLV\*\*\*YLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*K\*\*K\*QGL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562222.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*KYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*K\*\*K\*PWL\*K\*\*K\*E\*DLQTWRRKYEE\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSAAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKTIHNDSRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562223.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*KVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*L\*RGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*K\*\*K\*QGL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTGSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562224.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFI\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSGRRGNN\*V\*KFHGQC\*NHNSAAK\*NCKN\*VYKTQQQYKKKYTYRTREYILCNRSCNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*R\*\*K\*QWL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHGLGHQTAPGKSPICGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSVCCTFCSK\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562225.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNLQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*R\*\*K\*QGL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIAEPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKTIHNDSRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562226.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKKCCYHCIHCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTIIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQYCGERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*N\*\*\*YN\*W\*\*\*\*L\*\*LCIDKL\*HLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*L\*RGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*KL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWKDRQRHINSI

>B.1997.GU562227.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNLQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*R\*\*K\*Q\*L\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIAEPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKTIHNDSRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562228.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKKCCYHCIHCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTIIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQYCGERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*N\*\*\*YN\*W\*\*\*\*L\*\*LCIDKL\*HLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*L\*RGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*KL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWKDRQRHINSI

>B.1997.GU562229.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQTNQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*L\*RGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*K\*\*K\*QW\*\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562230.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*LWRGIFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*K\*\*K\*QWS\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIAEPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKTIHNDSRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562231.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTIIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LCIDKL\*HLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSTAK\*NCKN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*K\*\*K\*QGL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562232.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAEGICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*K\*\*K\*QWL\*K\*\*K\*E\*DLQTWRRKYEG\*LKK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSICCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562233.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKKCCYHCIHCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTIIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQYCGERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*N\*\*\*YN\*W\*\*\*\*L\*\*LCIDKL\*HLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NYNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*L\*RGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*KL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWKDRQRHINSI

>B.1997.GU562234.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ANSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEK\*NNNL\*ATSRRRPRDCNSQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WHLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRTVNNKRWGKCYNYE\*DIQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562235.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNLQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*R\*\*K\*QWL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFDKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIAEPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKTIHNDSRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562236.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAYIVVTIIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*YLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCSFKLH\*CKDEQYCGERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*N\*\*\*YN\*W\*\*\*\*L\*\*L\*\*L\*\*LCIDKL\*HLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSTAK\*NCKN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTNQMYIKYYRAVNNKRWGS\*K\*\*K\*LWL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIAEPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562237.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKKCCYHCIHCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTIIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQYCGERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*N\*\*\*YN\*W\*\*\*\*L\*\*L\*\*L\*\*LCIDKL\*HLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*L\*RGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWG\*QWL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562238.-

MDPVDPSLESWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ANSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEK\*NNNL\*ATSRRRPRDCNSQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRTVNNKRWGKCYNYE\*DIQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562239.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*LWRGVFLLQYNAAV\*\*YMV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*K\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSSAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTITVWYSATAEQFAEGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKTIHNDSRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562240.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKR\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*AGSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*K\*\*KSQWL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIAEPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKTIHNDSRRLGRFKNSVCCTFCSE\*S\*AEILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562241.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKKCCYHCIHCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTIIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQYCGERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*N\*\*\*YN\*W\*\*\*\*L\*\*LCIDKL\*HLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*L\*RGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*KL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LEY\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWKDRQRHINSI

>B.1997.GU562242.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDYNSQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*K\*\*KWL\*K\*\*K\*E\*DLQTWRRKYKG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKTIHNDSRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562243.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQYCGERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*N\*\*\*YN\*W\*\*\*\*L\*\*L\*\*L\*\*LCIDKL\*HLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*VRKFHGQC\*NHNSTAK\*NCKN\*VYKTQQQYKKKYTYRTREYILCNRRRNRRYKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*K\*\*K\*RWL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSVCCTFCSE\*S\*AGILTSIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562244.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNLQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGSWR\*\*K\*QWL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGKYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIAEPARKE\*TGIIGIE\*VGKFVELV\*HIKLAVVYKTIHNDSRRLGRSKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562245.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYLDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*K\*\*K\*HWL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSSAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTITVWYSATAEQFAEGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARKNRRRRWRDRQRHINSI

>B.1997.GU562246.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKKCCYHCIHCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTIIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWSTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQYCGERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*N\*\*\*YN\*W\*\*\*\*L\*\*LCIDKL\*HLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*L\*RGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*KL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWKDRQRHINSI

>B.1997.GU562247.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTHRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*HFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNLQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSYQWTN\*MYIKYYRAVNNKRWGS\*R\*\*K\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKKSRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATYGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIAEPARKE\*TRIIGIG\*VGKFVELV\*HIKLAVVYKTIHNDSRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.1997.GU562248.-

MDPVDPSLEPWKHPGSQPATPCNNCFCKRCCYHCPCCFLTKGLGISYGRKKRRQRRRPPPSNQINQVSLSKQ\*VVHVMLPLTILTIIAFIVVTVIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWVVDDQ\*CYRTVVGHSLLWGTGVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIA\*CDRKF\*HVEK\*HGRTDA\*GYTQFMG\*KPKAMCKINPTLCYFKLH\*CKDEQN\*GERRNEKLLFRCYHRHKK\*SAERICTFV\*T\*YSTNR\*K\*\*EYN\*\*\*\*\*\*L\*\*LYIDKL\*YLSH\*TGLPKGNL\*ANSHTLLCPSWLCDCKV\*\*\*EVQWNRTM\*KCQHSTVHTWN\*ASSVNSTAVEWQSSRRRGNN\*V\*KFHGQC\*NHNSAAK\*NCTN\*VYKTQQQYKKKYTYRTREYILCNRSRNRRDKTSTL\*H\*\*NKLD\*YFTKGSYKIKRTIWEE\*NNNL\*ATSRRRPRDCNSQF\*LWRGVFLLQYNAAV\*\*YLV\*\*WYLVLEWYYLEWY\*RDK\*YGRKRHNDHTPMQNKTIYKHVAGSRKSNICPSHQWTN\*MYIKYYRAVNNKRWGS\*K\*QWL\*K\*\*K\*E\*DLQTWRRKYEG\*LEK\*IV\*I\*NSKN\*TIRTSTHQGKEKSGAERKESRTRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAKGY\*GATAYVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGEYLGKHDLDGVGKRN\*QLHRTNIPLT\*TIADPARKE\*TGIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNSVCCTFCSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRDRQRHINSI

>B.2006.GU562249.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQREIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSYFQ\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIEIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562250.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSYFQ\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIQIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562251.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSYFQ\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*NSE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIEIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562252.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*KYH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*IPE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIEIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562253.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSYFQ\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQT\*RRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIQIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562254.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVGK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSYFQ\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTNRTIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIEIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562255.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSYFQS\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIQIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562256.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIQIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562257.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSYFQ\*\*YH\*\*\*QRNEGRNEKLHF\*YHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIEIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562258.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSYFQ\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIEIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562259.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSYFQ\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVAAHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIQIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562260.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSYFQ\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSNKIRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIEIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562261.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSYFQ\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIQIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562262.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSYFQ\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIEIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562263.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSDFQ\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIQIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562264.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSYFQ\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRTTINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIEIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562265.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSYFQ\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIQIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562266.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRDA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSYFQ\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRSCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIQIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562267.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIERLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSYFQ\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIEIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562268.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGNSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKYDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSYFQ\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIQIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHRQKQIQQI

>B.2006.GU562269.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKINRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*YH\*\*YHWGGKSYFQ\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GTTAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRHNIQLN\*TIANPTRKE\*TRLIQIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2006.GU562270.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRADQDSETHQANLSKQ\*VVNVMTSLTIVAIVALVIAAILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILRIRC\*GI\*VRNA\*CLGHTRLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKTMCKINPTLCYFKLH\*FEE\*YYH\*\*CH\*\*\*HWGGKSYFQ\*\*YH\*\*\*QRNEGRNEKLHFQYHHKLER\*GTENICTFL\*T\*CSTNR\*\*YL\*WYC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLRPGWFCDSKV\*G\*EF\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*IRESHKQC\*NHNSAAE\*NCRN\*LYKTQQQYKKKYSYRTRESMVCNRRHNRRYKKSIL\*H\*\*SKMGKHFKTGS\*KIRRTI\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGILLL\*YITIV\*WYLE\*YYMVKFN\*QH\*KYHTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINKRWW\*\*\*\*HE\*HRDFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSNGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWHSATAEQFAEGY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHKHNIQLN\*TIANPTRKE\*TRLIEIRSVGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFCCAFYSE\*S\*AGILTTVVSDPPPNPEGTRQARRNRRRRWRHKQKQIQQI

>B.2003.GU562271.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKSCCFHCQLCFIKKGLGISHGRKKRRQRRRAPQDSEIHQVSLPKQ\*VIHVMQPLVILAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAEILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSDAQCDREF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LEHH\*YCECY\*YQ\*GGNDGRRNKKLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*EK\*Y\*\*KI\*VDKL\*HLSHYPGLSKNNI\*TNSHTLLYPCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRYNT\*I\*QFLGQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTREGILYNRRNNRRYKTSTL\*H\*\*TRMGGHFRKSKYKIKRTI\*\*NNSL\*ATLRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLV\*KCNNTTV\*\*\*YNHCTHM\*TKANYKHVAGSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*YRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGHKAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSG\*DLEKHDLDAVGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.2003.GU562272.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKSCCFHCQLCFIKKGLGISHGRKKRRQRRRAPQDSEIHQASLPKQ\*VTHVMQPLVILAIVALVVGTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAEILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSDAQCDREF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINSTLCYFKLH\*LEEC\*K\*Y\*HH\*\*\*Y\*CHCWECY\*\*GNNGGRNKKLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*E\*\*Y\*\*QL\*VDKL\*HLSHYPGLSKNNI\*TNSHTLLYSCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSAAVKW\*SSRRRYNN\*I\*QFLRQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTRECILYNRRNNRRYKTSTL\*H\*\*TTMGGHFRKSKYKIKRTI\*\*NNSL\*DTLRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLA\*KFNNTTV\*\*\*YTHCTQM\*NKANYKHVAGSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*Y\*P\*\*YRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGHKAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSG\*DLEKHDLDAVGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.2003.GU562273.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKSCCFHCQLCFIKKGLGISHGRKKRRQRRRAPQDSEIHQVSLPKQ\*VIHVMQPLVILAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAEILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSDAQCDREF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LEHH\*YCECY\*YQ\*GGNDGRRNKKLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*EK\*Y\*\*KI\*VDKL\*HLSHYPGLSKNNI\*TNSHTLLYPCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRYNT\*I\*QFLGQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTREGILYNRRNNRRYKTSTL\*H\*\*TRMGGHFRKSKYKIKRTI\*\*NNSL\*ATLRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLV\*KCNNTTV\*\*\*YNHCTHM\*NKANYKHVAGSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*YRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGHKAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSG\*DLEKHDLDAVGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.2003.GU562274.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKSCCFHCQLCFIKKGLGISHGRKKRRQRRRAPQDSEIHQVSLPKQ\*VIHVMQPLVILAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAEILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSDAQCDREF\*HVGK\*HGRTDAGGYNQFMGSKPKTMCKINSTLCYFKLH\*LEHH\*YCECY\*YQ\*GGNDGRRNKKLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*E\*\*Y\*\*QL\*VDKL\*HLSHYPGLSKNNI\*TNSHTLLYPCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRYNT\*I\*QFLGQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTREGILYNRRNNRRYKTSTL\*H\*\*TRMGGHFRKSKYKIKRTI\*QNNSL\*ATLRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLA\*KCNNTTV\*\*\*YNHCTHM\*TKANYKHVAGSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*YRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGHKTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSG\*DLGKHDLDAVGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.2003.GU562275.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKSCCFHCQLCFIKKGLGISHGRKKRRQRRRAPQGSETHQASLPKQ\*VTHVMQPLVILAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAEILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSDAQCDREF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINSTLCYFKLH\*LEEC\*K\*Y\*HH\*\*\*Y\*CHCWECY\*\*GNNGGRNKKLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*E\*\*Y\*\*QL\*VDKL\*HLSHYPGLSKNNI\*TNSHTLLYSCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSAAVKW\*SSRRRYNN\*I\*QFLRQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTRECILYNRRNNRRYKTSTL\*Y\*\*TRMGGHFRKSKYKIKRTI\*\*NNSL\*ATLRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLA\*KFNNTTV\*\*\*YTHCTQM\*NKANYKHVARSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*YRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGHKAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALGC\*LE\*\*NSG\*DLGKHDLDAVGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.2003.GU562276.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKACCFHCQLCFIKKGLGISHGRKKRRQRRRAPQGSETHQASLPKQ\*VIHVMQPLVILAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAEILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSVTQCDREF\*HVEQ\*HGRTDAGGYNQFMGSKPKAMCKINSTLCYFKLH\*LEEC\*K\*Y\*HH\*\*\*Y\*CHCWECY\*\*GNNGGRNKKLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*E\*\*Y\*\*QL\*VDKL\*HLSHYPGLSKNNI\*TNSHTLLYSCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSAAVKW\*SSRRRYNN\*I\*QFLRQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTRECILYNRRNNRRYKTSTL\*Y\*\*TRMGGHFRKSKYKIKRTI\*\*NNSL\*ATLRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLA\*KCNNTTV\*\*\*YTHCTQM\*NKTNYKHVAGSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*YRDFQTCGRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGHKAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSG\*DLEKHDLDAVGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.2003.GU562277.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKSCCFHCQLCFIKKGLGISHGRKKRRQRRRAPQGSETHQASLPKQ\*VTHVMQPLVILAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAEILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSDAQCDREF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINSTLCYFKLH\*LEEC\*K\*Y\*HH\*\*\*Y\*CHCWECY\*\*GNNGGRNKKLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*E\*\*Y\*\*QL\*VDKL\*HLSHYPGLSKNNI\*TNSHTLLYSCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSAAVKW\*SSRRRYNN\*I\*QFLRQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTRECILYNRRNNRRYKTSTL\*Y\*\*TRMGGHFRKSKYKIKRTI\*\*NNSL\*ATLRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLA\*KFNNTTV\*\*\*YTHCTQM\*NKANYKHVARSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*YRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGHKAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALGC\*LE\*\*NSG\*DLGKHDLDAVGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.2003.GU562278.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKSCCFHCQLCFIKKGLGISHGRKKRRQRRRAPQDSEIHQASLPKQ\*VTHVMQPLVILAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAEILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSDAQCDREF\*HVGK\*HGRTDAGGYNQFMGSKPKTMCKINSTLCYFKLH\*LEHH\*YCECY\*YQ\*GGNDGRRNKKLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*E\*\*Y\*\*QL\*VDKL\*HLSHYPGLSKNNI\*TNSHTLLYPCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRYNT\*I\*QFLGQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTREGILYNRRNNRRYKTSTL\*H\*\*TRMGGHFRKSKYKIKRTI\*\*NNSL\*ATLRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLA\*KCNNTTV\*Q\*YNHCTHM\*TKANYKHVAGSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*YRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGHKTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSG\*DLGKHDLDAVGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.2003.GU562280.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKACCFHCQLCFIKKGLGISHGRKKRRQRRRAPQGSETHQASLPKQ\*VIHVMQPLVILAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAEILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSVTQCDREF\*HVEQ\*HGRTDAGGYNQFMGSKPKAMCKINSTLCYFKLH\*LEEC\*K\*Y\*HH\*\*\*Y\*CHCWECY\*\*GNNGGRNKKLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*E\*\*Y\*\*QL\*VDKL\*HLSHYPGLSKNNI\*TNSHTLLYSCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSAAVKW\*SSRRRYNN\*I\*QFLRQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTRECILYNRRNNRRYKTSTL\*Y\*\*TRMGGHFRKSKYKIKRTI\*\*NNSL\*ATLRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLA\*KCNNTTV\*\*\*YTHCTQM\*NKTNYKHVAGSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*YRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGHKAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSG\*DLEKHDLDAVGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.2003.GU562281.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKSCCFHCQLCFIKKGLGISHGRKKRRQRRRAPQDSEIHQASLPKQ\*VIHVMQPLVILAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELADILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSDAQCDREF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINSTLCYFRLH\*LEDC\*K\*Y\*HH\*\*\*Y\*CHCWECY\*YQ\*\*GNNGGRNKKLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*E\*\*Y\*\*QL\*VDKL\*HLSHYPGLSKNNI\*TNSHTLLYSCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSAAVKW\*SSRRRYNN\*I\*QFLRQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTRECILYNRRNNRRYKTSTL\*Y\*\*TRMGGHFRKSKYKIKRTI\*\*NNSL\*ATLRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLA\*KCNNTTV\*\*\*YNHCTHM\*TKANYKHVAGSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*YRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQFAEGY\*GATTSVATHSLGHKTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSG\*DLGKHDLDAVGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.2003.GU562282.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKSCCFHCQLCFIKKGLGISHGRKKRRQRRRAPQGSETHQASLPKQ\*VIHVMQPLVILAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESGGDEEELAEILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSDAQCDREF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINSTLCYFKLH\*LEEC\*K\*Y\*HH\*\*\*Y\*CHCWECY\*\*GNNGGRNKKLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*E\*\*Y\*\*QLQVDKL\*HLSHYPGLSKNNI\*TNSHTLLYSCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSAAVKW\*SSRRRYNN\*I\*QFLRQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTRECILYNRRNNRRYKTSTL\*YQ\*TRMGGHFRKSKYKIKRTI\*\*NNSL\*ATLRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLA\*KFNNTTV\*\*\*YTHCTQM\*NKANYKHVAGSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*YRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGHKAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSG\*DLGKHDLDAVGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.2003.GU562283.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKSCCFHCQLCFIKKGLGISYGRKKRRQRRRAPQGSETHQASLPKQ\*VIHVMQPLVILAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAEILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSDAQCDREF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINSTLCYFKLH\*LEEC\*K\*Y\*HH\*\*\*Y\*CHCWECY\*\*GNNGGRNKKLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*E\*\*Y\*\*QL\*VDKL\*HLSHYPGLSKNNI\*TNSHTLLYSCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSAAVKW\*SSRRRYNN\*N\*QFLRQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTRECILYNRRNNRRYKTSTL\*Y\*\*TRMGGHFRKSKYKIKRTI\*\*NNSL\*ATLRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLA\*KFNNTTV\*\*\*YTHCTQM\*NKTNYKHVAGSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*YRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGHKTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSG\*DLEKHDLDAVGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSKRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.2003.GU562284.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKSCCFHCQLCFIKKGLGISHGRKKRRQRRRAPQDSEIHQVSLPKQ\*VIHVMQPLVILAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAEILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSDAQCDREF\*HVGK\*HGRTDAGGYNQFMGSKPKTMCKINSTLCYFKLH\*LEHH\*YCECY\*YQ\*GGNDGRRNKKLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*E\*\*Y\*\*QL\*VDKL\*HLSHYPGLSKNNI\*TNSHTLLYPCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRYNT\*I\*QFLGQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTREGILYNRRNNRRYKTSTL\*H\*\*TRMGGHFRKSKYKIKRTI\*\*NNSL\*ATLRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLA\*KCNNTTV\*\*\*YNHCTHM\*TKANYKHVAGSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*YRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GTTASVATHSLGHKTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSG\*DLGKHDLDAVGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.2003.GU562285.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKSCCFHCQLCFIKKGLGISHGRKKRKQRRRAPQGSETHQASLPKQ\*VINVMQPLVILAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAEILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSDAQCDREF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINSTLCYFKLH\*LEEC\*K\*Y\*HH\*\*\*Y\*CHGWECY\*\*GNNGGRNKKLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*E\*\*Y\*\*QL\*VDKL\*HLSHYPGLSKNNI\*TNSHTLLYSCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSAAVKW\*SSRRRYNN\*I\*QFLRQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTRECILYNRRNNRRYKTSTL\*Y\*\*TRMGGHFRKSKYKIKRTI\*\*NNSL\*ATLRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLA\*KFNNTTV\*\*\*YTHCTQM\*NKANYKHVAGSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*YRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGHKAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSG\*DLGKHDLDAVGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.2003.GU562286.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKSCCFHCQLCFIKKGLGISHGRKKRRQRRRAPQGSETHQASLPKQ\*VTHVMQPLVILAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAEILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSVTQCDREF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINSTLCYFKLH\*LEEC\*K\*Y\*HH\*\*\*Y\*CHCWECY\*\*GNNGGRNKKLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*E\*\*Y\*\*QL\*VDKL\*HLSHYPGLSKNNI\*TNSHTLLYSCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSAAVKW\*SSRRRYNN\*I\*QFLRQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTRECILYNRRNNRRYKTSTL\*Y\*\*TRMGGHFRKSKYKIKRTI\*\*NNSL\*ATLRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLA\*KCNNTTV\*\*\*YNHCTHM\*TKANYKHVAGSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*YRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGHKTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSG\*DLGKHDLDAVGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.2003.GU562287.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKSCCFHCQLCFIKKGLGISHGRKKRRQRRRAPQGSETHQASLPKQ\*VTHVMQPLVILAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAEILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSDAQCDREF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCKINSTLCYFKLH\*LEEC\*K\*Y\*HH\*\*\*Y\*CHCWECY\*\*GNNGGRNKKLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*E\*\*Y\*\*QL\*VDKL\*HLSHYPGLSKNNI\*TNSHTLLYSCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSAAVKW\*SSRRRYNN\*I\*QFLRQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTRECILYNRRNNRRYKTSTL\*Y\*\*TRMGGHFRKSKYKIKRTI\*\*NNSL\*ATLRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLA\*KFNNTTV\*\*\*YTHCTQM\*NKANYKHVARSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*YRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGHKAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALGC\*LE\*\*NSG\*DLGKHDLDAVGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.2003.GU562289.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKSCCFHCQLCFIKKGLGISHGRKKRRQRRRAPQGSETHQASLPKQ\*VIHVMQPLVILAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAEILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSDAQCDREF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINSTLCYFKLH\*LEEC\*K\*Y\*HH\*\*\*Y\*CHCWECY\*\*GNNGGRNKKLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*E\*\*Y\*\*QL\*VDKL\*HLSHYPGLSKNNI\*TNSHTLLYSCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSAAVKW\*SSRRRYNN\*I\*QFLRQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTRECILYNRRNNRRYKTSTL\*Y\*\*TRMGGHFRKSKYKIKRTI\*\*NNSL\*ATLRRGPRDCNAQL\*LWRGIFLL\*FNTTV\*\*YLA\*KFNNTTV\*\*\*YTHCTQM\*NKANYKHVAGSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*YRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGHKAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSG\*DLGKHDLDAVGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.2003.GU562290.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKACCFHCQLCFIKKGLGISHGRKKRRQRRRAPQDSEIHQASLPKQ\*VTHVMQPLVILAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAEILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSDAQCDREF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINSTLCYFKLH\*LEEC\*K\*Y\*HH\*\*\*Y\*CHCWECY\*\*GNNGGRNKQLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*E\*\*Y\*\*QL\*VDRL\*HLSHYPGLSKNNI\*TNSHTLLYSCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSAAVKW\*SSRRRYNN\*I\*QFLRQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTRECILYNRRNNRRYKTSTL\*Y\*\*TRMGGHFRKSKYKIKRTI\*\*NNSL\*ATLRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLA\*KCNNTTV\*\*\*YNHCTHM\*TKANYKHVAGSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*YRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGHKAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSG\*DLGKHDLDAVGKRN\*QLHRFNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.2003.GU562291.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKSCCFHCQLCFIKKGLGISYGRKKRRQRRRAPQGSETHQASLPKQ\*VIHVMQPLVILAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAEILEMGHLAPWDIDDL\*C\*RTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSDAQCDREF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINSTLCYFKLH\*LEEC\*K\*Y\*HH\*\*\*Y\*CHCWECY\*\*GNNGGRNKKLLFQYHHRHER\*DTETICTFL\*T\*CSTNR\*\*E\*\*Y\*\*QL\*VDKL\*HLSHYPGLSKNNI\*TNSHTLLYSCWFCDYKV\*\*\*KVQWIRAMYKCQHSTMYTWN\*ASSVNSAAVKW\*SSRRRYNN\*I\*QFLRQC\*KYNSTAE\*ICRN\*LYKTQQQYKKRYTYRTRECILYNRRNNRRYKTSTL\*Y\*\*TRMGGHFRKSKYKIKRTI\*\*NNSL\*ATLRRGPRNCNAQL\*LWRGIFLL\*FNTTV\*\*YLA\*KFNNTTV\*\*\*YTHCTQM\*NKTNYKHVAGSRKSNVCPSH\*RSN\*VFIKYHRDNINKRWWC\*\*YRDFQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSSRSNVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGD\*GATASVATHSLGHKAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*NSG\*DLEKHDLDAVGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFCCTLYNK\*S\*AGILTIIVTDPLPSPEGTRQARRNRRRRWRQRQRQISSI

>B.1999.GU647196.symptomatic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMKKGLGISYGRKKRRQRRPAHQDSQTHQASLSKQ\*VVNVMQALTILAIVALVVAIIIAIVVWTIVFIEYRKVLRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFMEMGHHAPWDVDDL\*GCRKLVGHSLLWGTCMERSNYHSILCIRC\*SI\*DRGT\*YLGHTCLCTHRPQPTRSSLGKCDRKL\*HVEK\*HGRTDA\*RYNQFMG\*KPKAMCKINPTLCYFTLH\*FGEYY\*YQ\*\*YQ\*YDRGRRNEKLLFQYHHKHKN\*GARLCTFL\*T\*YSTNR\*\*\*YQL\*VDTL\*HLSHYTSLSKGIL\*ANSHTLLYPGWFYDSKV\*Q\*KVQGSRTMYKCQYSTMYTWN\*TSSINSTAVKWQFSRRRGSN\*I\*QFLGQC\*SHNSTAE\*ICRN\*LYKTQQQYKKKGKYRTRESMVYNKTNSRRYKTSTL\*H\*\*NKME\*HFKTDN\*KIKRTIWEQNNNL\*SIFRRGPRNCKAQF\*LWRGIFLL\*YSTTV\*\*YLE\*Y\*YLEWYYRK\*HYYAPLQDKTNCKHVAESRESNVCPSH\*RTN\*MLIKYYRVAINKRWWT\*\*EQYH\*DLQTWRRRYERQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTVVVWYSATAEKFAEGY\*GATASVATHSLGHQAAPGKSLGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IPESDLG\*HDLDGVGKRN\*QLHKRNIHLN\*RIAEPARKE\*TRPIEIG\*VGKFMELV\*HNKMAVVYQNIHNGSRRLGRFKNSFCCTFYSK\*S\*AGILTIVIADPLPNPEGTRQARRNRRRRWRARQRQIRDI

>B.1999.GU647197.symptomatic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMKKGLGISYGRKKRRQRRPAHQDSQTHQASLSKQ\*VVNVMQALTILAIVALVVAIIIAIVVWTIVFIEYRKVLRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFMEMGHHAPWDVDDL\*GCRKLVGHSLLWGTCMERSNYHSILCIRC\*SI\*DRGT\*YLGHTCLCTHRPQPTRSSLGKCDRKL\*HVEK\*HGRTDA\*RYNQFMG\*KPKAMCKINPTLCYFTLH\*FGEYY\*YQ\*\*YQ\*YDRGRRNEKLLFQYHHKHKN\*GARLCTFL\*T\*YSTNR\*\*\*YQL\*VDTL\*HLSHYTSLSKGIL\*ANSHTLLYPGWFYDSKV\*Q\*KVQGSRTMYKCQYSTMYTWN\*TSSINSTAVKWQFSRRRGSN\*I\*QFLGQC\*SHNSTAE\*ICRN\*LYKTQQQYKKKGKYRTRESMVYNKTNSRRYKTSTL\*H\*\*NKME\*HFKTDN\*KIKRTIWEQNNNL\*SIFRRGPRNCKAQF\*LWRGIFLL\*YSTTV\*\*YLE\*Y\*YLEWYYRK\*HYYAPLQDKTNCKHVAESRESNVCPSH\*RTN\*MLIKYYRVAINKRWWT\*\*EQYH\*DLQTWRRRYERQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTVVVWYSATAEKFAEGY\*GATASVATHSLGHQAAPGKSLGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IPESDLG\*HDLDGVGKRN\*QLHKRNIHLN\*RIAEPARKE\*TRPIEIG\*VGKFMELV\*HNKMAVVYQNIHNGSRRLGRFKNSFCCTFYSK\*S\*AGILTIVIADPLPNPEGTRQARRNRRRRWRARQRQIRDI

>B.1999.GU647198.symptomatic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMKKGLGISYGRKKRRQRRPAHQDSQTHQASLSKQ\*VVNVMQALTILAIVALVVAIIIAIVVWTIVFIEYRKVLRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFMEMGHHAPWDVDDL\*GCRKLVGHSLLWGTCMERSNYHSILCIRC\*SI\*DRGT\*YLGHTCLCTHRPQPTRSSLGKCDRKL\*HVEK\*HGRTDA\*RYNQFMG\*KPKAMCKINPTLCYFTLH\*FGEYY\*YQ\*\*YQ\*YDRGRRNEKLLFQYHHKHKN\*GARLCTFL\*T\*YSTNR\*\*\*YQL\*VDTL\*HLSHYTSLSKGIL\*ANSHTLLYPGWFYDSKV\*Q\*KVQGSRTMYKCQYSTMYTWN\*TSSINSTAVKWQFSRRRGSN\*I\*QFLGQC\*SHNSTAE\*ICRN\*LYKTQQQYKKKGKYRTRESMVYNKTNSRRYKTSTL\*H\*\*NKME\*HFKTDN\*KIKRTIWEQNNNL\*SIFRRGPRNCKAQF\*LWRGIFLL\*YSTTV\*\*YLE\*Y\*YLEWYYRK\*HYYAPLQDKTNCKHVAESRESNVCPSH\*RTN\*MLIKYYRVAINKRWWT\*\*EQYH\*DLQTWRRRYERQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTVVVWYSATAEKFAEGY\*GATASVATHSLGHQAAPGKSLGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IPESDLG\*HDLDGVGKRN\*QLHKRNIHLN\*RIAEPARKE\*TRPIEIG\*VGKFMELV\*HNKMAVVYQNIHNGSRRLGRFKNSFCCTFYSK\*S\*AGILTIVIADPLPNPEGTRQARRNRRRRWRARQRQIRDI

>B.2009.GU733713.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIQKGLGISYGRKKRRQRRRPSQDCKTHQASLSKQ\*VVHVMQPLVIYSIVALVVVAIIAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNDSEGDQEELSALVERGHLAPWDIDDL\*CYRTIVGHSLLWGTSMERSNHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRP\*PTRNTIDKCDRKF\*HVGK\*NGRPNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CEYY\*YQ\*H\*SH\*\*LGNDGERRNKKLLFQYHHKHKR\*DTERICIV\*\*T\*CSTNK\*\*\*YLL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCNSKV\*RDKVQWIRTM\*KCHHSTMYTWN\*ASSINSIAVKWQSSSRGGSN\*I\*KFLRQC\*NYNNTAEHLCRN\*LYKTQQQYKKRYTYRARESILCNRRHNRRYKTSTL\*H\*YSKME\*HFKTHSWKIERTI\*ECNKNSL\*SLLRRGPRNCNAQF\*LWRRIFLL\*YN\*TVQ\*YLEC\*YLEY\*SD\*RVIQH\*RKYHTPMQNKTDCKHVAGSRKSNVCPSHQRNN\*MFIKYYRDNVNKRWW\*E\*DREHH\*DFQTGRRKYDGQLEK\*TI\*L\*SSKN\*TIRGSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGMLWKTHLHHYCTLEC\*LEQ\*KSNYNLE\*HDLDAVGKRN\*QLHRNNI\*FN\*TITEPARKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKNIHNDSRRLNRFKNNFCCAFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.2009.GU733714.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIQKGLGISYGRKKRRQRRRPSQDCKTHQASLSKQ\*VVHVMQPLVIYSIVALVVVAIIAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNDSEGDQEELSALVERGHLAPWDIDDL\*CYRTIVGHSLLWGTSMERSNHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRP\*PTRNTIDKCDRKF\*HVGK\*NGRPNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CEYY\*YQ\*H\*SH\*\*LGNDGERRNKKLLFQYHHKHKR\*DTERICIV\*\*T\*CSTNK\*\*\*YLL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCNSKV\*RDKVQWIRTM\*KCHHSTMYTWN\*ASSINSIAVKWQSSSRGGSN\*I\*KFLRQC\*NHNNTAEHLCRN\*LYKTQQQYKKRYTYRARESILCNRRHNRRYKTSTL\*H\*YSKME\*HFKTHSWKIERTI\*ECNKNSL\*SLLRRGPRNCNAQF\*LWRRIFLL\*YN\*TVQ\*YLEC\*YLEY\*SD\*RVIQH\*RKYHTPMQNKTDCKHVAGSRKSNVCPSHQRNN\*MFIKYYRDNVNKRWW\*E\*DREHH\*DFQTGRRKYDGQLEK\*TI\*L\*SSKN\*TIRGSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAESC\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGMLWKTHLHHYCTLEC\*LE\*\*KSNYNLE\*HDLDAVGKRN\*QLHRNNI\*FN\*TITEPARKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKNIHNDSRRLNRFKNNFCCAFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.2009.GU733715.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIQKGLGISYGRKKRRQRRRPSQDCKTHQASLSKQ\*VVHVMQPLVIYSIAALVVVAIIAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNDSEGDQEELSALVERGHLAPWDIDDL\*CYRTIVGHSLLWGTSMERSNHHSILRIRC\*SI\*DRGT\*CLGHTCLCTHRP\*PTRNTIDKCDRKF\*HVGK\*NGRPNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CEYY\*YQ\*H\*SH\*\*LGNDGERRNKKLLFQYHHKHKR\*DTERICIV\*\*T\*CSTNK\*\*\*YLL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCNSKV\*RDKVQWIRTM\*KCHHSTMYTWN\*ASSINSIAVKWQSSSRGGSN\*I\*KFLRQC\*NHNNTAEHLCRN\*LYKTQQQYKKRYTYRARESILCNRRHNRRYKTSTL\*H\*YSKME\*HFKTHSWKIERTI\*ECNKNSL\*SLLRRGPRNCNAQF\*LWRRIFLL\*YN\*TVQ\*YLEC\*YLEY\*SD\*RVIQH\*RKYHTPMQNKTDCKHVAGSRKSNVCPSHQRNN\*MFIKYYRDNVNKRWW\*E\*EREHH\*DFQTGRRKYDGQLEK\*TI\*L\*SSKN\*TIRGSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGMLWKTHLHHYCTLEC\*LE\*\*KSNYNLE\*HDLDAVGKRN\*QLHRNNI\*FN\*TITEPARKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKNIHNDSRRLNRFKNNFCCAFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.2009.GU733716.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIQKGLGISYGRKKRRQRRRPSQDCKTHQASLSKQ\*VVHVMQPLVIYSIAALVVVAIIAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNDSEGDQEELSALVERGHLAPWDIDDL\*CYRTIVGHSLLWGTSMERSNHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRP\*PTRNTIDKCDRKF\*HVGK\*NGRPNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CEYY\*YQ\*H\*SH\*\*LGNDGERRNKKLLFQYHHKHKR\*DTERICIV\*\*T\*CSTNK\*\*\*YLL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCNSKV\*RDKVQWIRTM\*KCHHSTMYTWN\*ASSINSIAVKWQSSSRGGSN\*I\*KFLRQC\*NHNNTAEHLCRN\*LYKTQQQYKKRYTYRARESTLCNRRHNRRYKTSTL\*H\*YSKME\*HFKTHSWKIERTI\*ECNKNSL\*SLLRRGPRNCNAQF\*LWRRIFLL\*YN\*TVQ\*YLEC\*YLEY\*SD\*RVIQH\*RKYHTPMQNKTDCKHVAGSRKSNVCPSHQRNN\*MFIKYYRDNVNKRWW\*E\*DREHH\*DFQTGRRKYDGQLEK\*TI\*L\*SSKN\*TIRGSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGMLWKTHLHHYCTLEC\*LE\*\*KSNYNLE\*HDLDAVGKRN\*QLHRNNI\*FN\*TITEPARKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKNIHNDSRRLNRFKNNFCCAFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.2009.GU733717.-

MDPVDPRLEPWKHPGSQPKTARTNCYCKKCCLHCQVCFIQKGLGISYGRKKRRQRRRPSQDCKTHQASLSKQ\*VVHVMQPLVIYSIVALVVVAIIAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNDSEGDQEELSALVERGHLAPWDIDDL\*CYRTIVGHSLLWGTSMERSNHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRP\*PTRNTIDKCDRKF\*HVGK\*NGRPNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CEYY\*YQ\*H\*SH\*\*LGNDGERRNKKLLFQYHHKHKR\*DTERICIV\*\*T\*CSTNK\*\*\*YLL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCNSKV\*RDKVQWIRTM\*KCHRSTMYTWN\*ASSINSIAVKWQSSSRGGSN\*I\*KFLRQC\*NHNNTAEHLCRN\*LYKTQQQYKKRYTYRARESILCNRRHNRRYKTSTL\*H\*YSKME\*HFKTHSWKIERTI\*ECNKNSL\*SLLRRGPRNCNAQF\*LWRRIFLL\*YN\*TVQ\*YLEC\*YLEY\*SD\*RVIQH\*RKYHTPMQNKTDCKHVAGSRKSNVCPSHQRNN\*MFIKYYRDNVNKRWW\*E\*DREHH\*DFQTGRRKYDGQLEK\*TI\*L\*SSKN\*TIRGSTHQGKEMSGAERKKSSGTRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGMLWKTHLHHYCTLEC\*LE\*\*KSNYNLE\*HDLDAVGKRN\*QLHRNNI\*FN\*TITEPARKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKNIHNDSRRLNRFKNNFCCAFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.2004.GU938194.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSEQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIMERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*KAETIFNF\*CP\*YNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAESY\*GATSSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938195.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGNRSFFPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIQFN\*KIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRQRQRHIRQI

>B.2004.GU938196.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILCGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938197.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQAALPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938198.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938199.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYAWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIGSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938200.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938201.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938202.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDGQSHQASLSEQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIMERGHLAPWDVDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNGIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDG\*RRNKKLLFQYHYRNDR\*EAETIFNF\*CP\*YNTNR\*G\*YRL\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*TRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSFFPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIQFN\*KIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRQRQRHIRQI

>B.2004.GU938203.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938204.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938206.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSEQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIMERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*KAETIFNF\*CP\*YNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRKGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAESY\*GATSSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938207.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938208.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938209.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938210.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKIVRQRKIDRLIDRIRERAEDSGNESEGDEEELSAMLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKYNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRKSILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALECYPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*NIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938211.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKTALSIPLQK\*QIRSRNNIQFLMHLM\*YQ\*IRIIPAIG\*\*VVTPQSLQRPVQK\*HLSQFPYIIVPRLVLRF\*SVKIRSLTEQDHVTMSAQYNVHMELGQ\*YPLNCY\*MAV\*QKKR\*\*LDLKISQTM\*KT\*\*YS\*MNL\*KLIVQDPTTIQEKVYI\*DQGKHFTQQT\*\*EI\*DKHIAILVEQNGITL\*NR\*LKN\*ENNITQAK\*SFSHPQEGTQKL\*CTVLIVEGNFFTVIQHTCLIQLGIRIIQLGLIIQRQITKLSPSHAE\*NKL\*TSGRK\*EKQCMPLPSKDKLDAHQILQG\*Y\*\*EMVGTRTPPRPSDLQEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HLPRQREEWCKEKKEQWD\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRIIC\*GLLRRNSICCNSQSGASSSSRQESWLWRGT\*RINSSWGFGVALENSFAPLLCLGMLVGVINP\*MTFGII\*HGWSGKEKLTITQKRYTI\*LKSRKTNKKRMNKNYWN\*INGQVCGIGLT\*HDGCGT\*KYS\*\*\*\*EDW\*V\*E\*SLLYFP\*\*IELGRDTHHYRFRPASQPRGNPTGPKESKKKVERETETHPED\*

>B.2004.GU938212.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938213.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938214.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLF\*YHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNNTAE\*IRRN\*LYKTQQQYKKKYTYRTREGILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKGGAKRKKSNGNRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938215.-

MEPVDPKLEPWRHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDGQSHQASLSEQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGDESEGDEEELSAIMERGHLAPWDIDDL\*CYRTIVGHSILWSTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNGIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938216.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKQCCFHCQVCFIRKGLGISYGRKKRRQRRTAPRDSQSHQASLSEQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CSTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*WNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*TRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*C\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKGGAKRKKSNGNRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPERTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938217.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRNM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRGGSN\*I\*KFHKQCEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNRLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*EGL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSGNRSFVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATSSVATYSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938218.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938219.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938220.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938221.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKIVRQRKIDRLIDRIRERAEDSGNESEGDEEELSAMLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKYNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRKSILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*NIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938222.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*TRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*NIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938223.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSAMLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WMGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPI\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRQRQRHIRQI

>B.2004.GU938224.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLF\*YHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNNTAE\*IRRN\*LYKTQQQYKKKYTYRTREGILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKGGAKRKKSNGNRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938225.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938226.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938227.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTQQARRNRRRRWRERQRHIRKI

>B.2004.GU938228.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSEQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIMERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*KAETIFNF\*CP\*YNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFFTVIQHTCLIQLGIRMIQLGLRMIIIQR\*ITKLSPSHAE\*NKL\*TSGRK\*EKQCMPLPSKDKLDAHQILQG\*Y\*\*EMVGTRTPPRPSDLQEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HLPRQREEWCREKKEQWE\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRIIC\*ELLRRNIICCNSQSGASSSSRQESWLWRDT\*RINSSWGSGVALENSFAPLLCLGMLVGVINP\*MTFGII\*PGWSGKEKLTITQKRYTI\*LKNRRTNKKRMNKNYWN\*INGQVCGIGLT\*QNGCGT\*KYS\*\*\*\*EDW\*V\*E\*FLLYFP\*\*IELGRDTHHYRFRPASQPRGNPTGPKESKKKVERETETHPED\*

>B.2004.GU938229.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKQCCFHCQVCFIRKGLGISYGRKKRRQRRTAPRDSQSHQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*TRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*NIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938230.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938231.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938232.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938233.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938234.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICKN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAK\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIK\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938235.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNNTAE\*IRRN\*LYKTQQQYKKKYTYRTREGILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938236.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938237.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938238.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938239.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFEL\*\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938240.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938241.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKQCCFHCQVCFIRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRNM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFVL\*LNTPV\*FNLEKG\*FNLD\*E\*L\*FNGK\*\*NYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGVLTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938242.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKGNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938243.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKQCCFHCQVCFIRKGLGISYGRKKRRQRRTAPRDSQSHQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*NIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938244.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIMERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938245.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938246.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KSHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLYKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938247.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938248.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQTSLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*GKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938249.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKQCCFHCQVCFIRKGLGISYGRKKRRQRRTAPRDSQSHQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*TRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*LKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*NIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938250.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSKQ\*VTHVMQPLEISAIVGLVVAVIIAIVV\*TIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRNM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRGGSN\*I\*KFHKQCEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNRLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*EGL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSGNRSFVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATSSVATYSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCYALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938251.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSYCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938252.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSEQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIMERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*KAETIFNF\*CP\*YNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAESY\*GATSSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938253.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRNILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRNM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRGGSN\*I\*KFHKQCEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNRLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSGNRSFVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATSSVATYSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938254.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKQCCFHCQVCFIRKGLGISYGRKKRRQRRTAPRDSQSHQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*TRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*NIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNIFYCTFHSK\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938255.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRIM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938256.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938257.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938258.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYIWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTASGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938259.-

METVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RKYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPDKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938260.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLF\*YHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNNTAE\*IRRN\*LYKTQQQYKKKYTYRTREGILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKGGAKRKKSNGNRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938261.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSS\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938262.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLF\*YHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNNTAE\*IRRN\*LYKTQQQYKKKYTYRTREGILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKGGAKRKKSNGNRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938263.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938264.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSAMLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WMGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPI\*FNLE\*E\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRQRQRHIRQI

>B.2004.GU938265.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938266.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANSSKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938267.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDV\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLF\*YHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNNTAE\*IRRN\*LYKTQQQYKKKYTYRTREGILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKGGAKRKKSNGNRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*N\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938268.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLF\*YHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNNTAE\*IRRN\*LYKTQQQYKKKYTYRTREGILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKGGAKRKKSNGNRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938269.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTHVMQPLEILAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDG\*RRNKKLLFQYHYRNDR\*EAETIFNF\*CP\*YNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*WNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCALWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938270.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDGQSHQASLSEQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIMERGHLAPWDVDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDG\*RRNKKLLFQYHYRNDR\*EAETIFNF\*CP\*YNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPG\*FCDSKV\*R\*EV\*WNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQPSRRRGSN\*I\*KFHRQCEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCALWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KIAKPTRKE\*TRIIGIR\*MGKSVELV\*HNTMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938271.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938272.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKQCCFHCQVCFIRKGLGISYGRKKRRQRRTAPRDSQSHQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*TRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*NIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938273.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938274.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FYGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938275.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HDRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRNM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRGGSN\*I\*KFHKQCEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNRLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*EGL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSGNRSFVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATSSVATYSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938276.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938277.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIVNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938278.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTVE\*IRRN\*LYKTQQQYKKKYTYRTRESVLYNRHNRRYKTSTLQY\*\*SKME\*HFKTDSRKIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*G\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*NIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938279.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938280.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938281.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938282.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFRTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938283.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDEEELSALLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKL\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*EIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938284.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKQCCFHCQVCFIRKGLGISYGRKKRRQRRTAPRDSQSHQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQPSRRRGSN\*I\*KFHKQCEKHNSTAE\*TRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYCRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCALWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KIAKPTRKE\*TRIIGIR\*MGKSVELV\*HNTMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938285.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAVLERGHIAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLF\*YHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKYNILSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQAIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*HDLDGVGKRN\*QLHKRDIRFN\*RIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938286.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQTHQASLSKQ\*VTNVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKIVRQRKIDRLIDRIRERAEDSGNESEGDEEELSAMLERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*G\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*TRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGARRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938287.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKQCCFHCQVCFIRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRNM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*LNTPV\*FNLEKG\*FNLD\*E\*L\*FNGK\*\*NYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHERHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGVLTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938288.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRNM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRGGSN\*I\*KFHKQCEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNRLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*EGL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSGNRSFVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATSSVATYSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938289.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRNM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRGGSN\*I\*KFHKQCEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILYSRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNILSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHGHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIIWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKAHLHHCCALEC\*LE\*\*IPE\*HLE\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHSDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938290.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSHQASLSKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEGSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWD\*ASSIHSTAIKWQSSRRRGRN\*I\*KFHKQCEKHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESILCNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNNLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*L\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISERWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTYQGKEKSGAKRKKSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATSSVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPKPEGTRQARRNRRRRWRERQRQIRKI

>B.2004.GU938291.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938292.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDGQSHQASLSEQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYSNDR\*EAETIFNF\*CT\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYKGLSKSNI\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRNM\*KCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*VNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938293.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTRKGLGISYGRKKRRQRRTAPRDSQSNQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAIVERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRADA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILHNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKQNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLDL\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEVPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDMDGVGKRN\*QLHKRDIRFN\*KVAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNLYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938294.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKQCCFHCQVCFIRKGLGISYGRKKRRQRRTAPRDSQSHQASLPKQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSAILERGHLAPWDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNIIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*CNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*ANSHTLLCPGWFCDSKV\*R\*EV\*RNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*TRRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*HKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNSK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGTRSCVLWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLE\*YDMDGVGKRN\*QLHKRDIRFN\*NIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2004.GU938295.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKQCCFHCQVCFIRKGLGISYGRKKRRQRRTAPRDGQSHQASLSEQ\*VTHVMQPLEISAIVGLVVAVIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELAAILERGHLAPGDIDDL\*CYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNGIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCNINPTLCHFELQ\*GKE\*\*QY\*\*YQ\*\*WVGNDGERRNKKLLFQYHYRNDR\*EAETIFNF\*CT\*YNTNR\*G\*YQL\*VDKL\*HLSHYKGLSKNNI\*TNSHTLLCPGWFCDSKV\*R\*EIQRNRTM\*QCQHSTMYTWN\*ASSIHSTAIKWQSSRRRGSN\*I\*KFHKQCEKHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRHNRRYKTSTLQY\*\*SKME\*HFKTDS\*KIRRTI\*QKHNSLSAILRRGPRNCNAQF\*LWRGIFLL\*FNTPV\*FNLE\*E\*FNLD\*E\*FNGK\*RNYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRANISKRWWEHEQHQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAKRKKSSGNRSCALWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPE\*HLG\*YDLDGVGKRN\*QLHKRDIRFN\*KIAEPARKE\*TRIIGIR\*MGKFVELV\*HNTMAVVHKNIHNDSRRIGRFKNNFYCTFHSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRKI

>B.2009.HM030559.asymptomatic

MEPVDPRLEPWKHPGSQPRTACTACYCKRCCYHCQVCFITKGLGISYGRKKRRQRRRAPEHSPAHQNSISKQ\*VVXVMQSLQIIXIVALVXXAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHIALWDVDDL\*CCRRFVGHSLLWGTCMERSRHHSILCIRC\*RI\*HRGT\*CLGHACLCTHRSQSK\*SSNGKCDRIL\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*Y\*EQYQ\*QERYQ\*HRQYPYPWCWKN\*\*WRNKELLFQHHHKHKRQSEGTCTFLWNGCSTNK\*\*\*\*\*L\*INKL\*YLSHYPGLSKGNL\*ANSHTLLCPGWLCDSKM\*REEFQWNRTMYKCQYSTMYTWN\*ASSVNSAAVKW\*SSRR\*DSN\*ICKFLRQCKNHNSTVQ\*IYSY\*LYKTQ\*QYKKKCTYRTRESILCNRRHNRKYKKSIL\*P\*\*NRME\*HFKTGSYKITRTI\*\*NNSL\*SIHRRGPRNCNAQF\*LWRGILLLQYNTTI\*\*YLEYWVK\*HK\*HCRK\*Y\*YHTTVQNKTNSEHVAGSRQSNVCPSHQWSN\*MFIKYYRTVINQRWW\*HHRD\*EQY\*QY\*GLQTWRRKYEGQLEK\*II\*I\*SNKN\*TIRNSTYQGKKESGAERKKSSRARSYVPWVLGSSRKHYGRSVNNADGTGQTIAVWYSATAEQSAESY\*GATTYVATHGLGHQTAPGKSPGCGEIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IYRHYLGQYDLDGVGKRNWQLHKLNIQLT\*RIAKPTREK\*TRIIRIG\*VGKFVELV\*YIKLAVVYKNIHNDSSRLGRFKNSFYYTFYSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2009.HM030560.symptomatic

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCYHCQLCFITKGLGISYGRKKRRQRRRAPEDCPTHQVSISKQ\*VVYVMQSLQIAAIVALVVAGIIAIIVWTIVIIEYRKILRQNKIDRLILRIIDRAEDSGNDSEGDQEELSTLMEMGHHAPWDVNDL\*C\*TVVGHSLLWGTCMERSKHHSILCIRC\*GI\*\*GGT\*CLGHTCLCTHRPQPK\*SRIEKCDRIF\*HVEK\*HGRTDA\*GYN\*LMGSKPKAMCKINPTLCYFKLY\*CLEELYC\*WEELY\*C\*GE\*HYP\*\*FGTGRNEKLLFQFHHKHNGKEKRTSNF\*\*S\*CNINR\*\*\*Y\*L\*NV\*IGKL\*YLSHYTGLSKGIL\*SNSHTLLCPGWLCDSKMWRQEVQWNRAM\*KCQHSTMYTWN\*ASSVNPTAIKWQSSRRRGSN\*V\*KCHG\*C\*NHNSTTEGPCKN\*LYKTQQQYKKRYTYRTRKNLLCNRRYNRKYKTSTL\*P\*\*SRME\*NLKTDSYKIKRTI\*E\*NNNL\*CILRRRPRNCNAQL\*L\*RGIFLL\*YNKTV\*\*YMV\*E\*YRGCL\*YSG\*Y\*\*HYHTPMQNKTNCKHVAGSRQSNICPSH\*WTN\*M\*LKYYRANVNKRWWWWEY\*\*\*\*DLQTGRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKGGAKRKKSSGSNRSYVPWVLGNSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQTTPGKSPGCGKIPKGSTAPGDMGLLWKTHLHHQCALEL\*LE\*\*NIK\*YLGEHDLDATGKRN\*QLHRPNI\*LT\*RIAEPARKE\*TRIIRIGQMGKSVELVYHNKLAVVYKNIHNGSRRLGRFKNSFYCTFHSK\*S\*AGILTSIISDPLPNPEGTRQARRNRRRRWRERQRQIRAI

>B.2009.HM030561.asymptomatic

MEPVDHNLDPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQNSQTHQEALSNQ\*VAYVMQPLTILAIVALVVALIIAIVVWSIVIIEYKKILRQRKIDRLLDRIRDRAEDSGNESDGDQEELSALVEMGHLAPWDIDDL\*C\*RKFVGHSLLWGTCVERSNHPSVLCIRCKSI\*DRGT\*CLGHTCLCTHGPQPTRNSIGKCDRNF\*HVEK\*HGRTNA\*GYNQFMGSKSDAMCEINPTLCYFKLH\*LQWYYHQYY\*HP\*IQYHSRPYRGGKKLHFQYHHRQKR\*DEEGICTIV\*R\*YSTNRK\*\*Y\*V\*DGKL\*HLSHYTGLSKGNL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNWTM\*KCQHSTMYTWH\*ASSVNSTAAKR\*SSRRRGSN\*I\*KFLGQC\*KHNSTA\*SVCRNSL\*ETQQQYKKKYNYRTRESILCNRRNNRRYKTSSL\*HF\*EKLD\*HFTTGS\*KIKKTI\*K\*NNNL\*STLHRGGLRNCNAHF\*L\*RRIFLL\*YRKII\*\*HLE\*EYY\*TDK\*HY\*QQ\*HHTPMQNKTNCTPVAASRKSNVCPSHQWTN\*MRIKNYRTVIDKRWWEQQRPQQRYLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TTRSSTHQGKEESGAERKKSSGNVRSYVPWVLGNSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGH\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKAHLHHYCALEY\*LE\*\*ISG\*DLG\*HDLDGMGKRN\*\*LHRLNIHFN\*RIAKPTRKE\*TRIIGIGQVGKFVELV\*HNKLAVVYKNIHNDSRRINRFKNSFCCNFYSE\*S\*AGILTIVVTDPLPSPEGTRQARRNRRRRWRARQKQIHTL

>B.2009.HM030562.asymptomatic

MEPVDPRLEPWKHPGSQPRTPCTKCYCKRCCYHCQVCFITKGLGISYGRKKRRQRRGSPNNDQTHQDSLSKQ\*VVYVMPPLVIFSIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDKLLDRIRERAEDSGNESEGDQEELSALVLEMGHHAPWDVNDL\*C\*RGFVGHSPLWGTCVERSNHHXILCIRC\*ST\*YRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGPKLKAMCKINPTLCYSKLH\*SRE\*YLYQ\*YQQ\*CRKWYL\*QDTDGEGRNKKLFFQYQHSHTR\*GTKTICTVL\*T\*CSINR\*\*\*Y\*PYI\*IDKL\*HLSHYTSLSKGIF\*ANSHTLLCPGWFCDSKV\*R\*EIQWNRTM\*KCQHSTMHTWN\*ASSFNSTIVKWQSSRRRGSN\*I\*KFQ\*QC\*NHNSTAEQRSKNLL\*KTQQQYKKRHTYWTRESILCYRRYNRRYKASTL\*H\*\*RKLD\*HFEPDSCKIRRTIQEYNNNNLY\*LLRRGPRNCKAQF\*LWRGIFLL\*LNTTV\*\*HLD\*E\*\*YLDFE\*QRVK\*N\*EYHTPMQNKTNCKPVAGGRKSNVCPSHQRTH\*MRIKYYRDALNKRWW\*\*REHK\*NLQTWRRRYEGQLEK\*II\*I\*SSTD\*AIRISTHQGKEKSGAERKKSSGNRSFVPWVPGSSRKHYGRSVTNADGTGQIIIVWYSAAAEQSAEGY\*GATASVETHSLGHQAAPGKSPGCGKVPKGSTAPGDLGLLWKTHLHHFCALEY\*LE\*\*IPGLYLG\*HDLDGVGERN\*QLHRSNI\*FT\*RIAKPARKE\*KRIVGIG\*MGKFVELVRHNKLAVVYKNIHNDSRWLNRFKNSFFSTFYSE\*S\*AGILTIIVSDPLPNPEGTRQARRNRRRRWRARQRQIQSL

>B.2009.HM030563.asymptomatic

MEPVDPSLEPWKHPGSQPKTACNNCYCKKCCYHCQACFLTKGLGISYGRKKRRQRRRTPQSCQTDQVPASKQ\*VVYVMQSLEIAAIVGLVVAAIAAIIVWSIVFIEYRKIQRQKKIDRLLDRIRERAEDSGNESEGDQEELAELVERGHLAPWDIDDL\*CYRKIMGHSLLWGTCVERSKHHSILCIRC\*SI\*NRET\*CLGHTCLCTHRPWPTRTRIGKCDRKV\*YVEK\*HGGTDA\*GYNQFVGSKLKAMCKTNPTLCYYALQEFGNQ\*YQ\*\*YCRTDNGNKKLLFQYHHRAKR\*DKETVCTLFYA\*YSTNR\*Q\*Q\*\*\*L\*VDKLQHLSPYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWNRTVYKC\*HSTMYTWN\*ASGINSTAVKWQSSRRGDSN\*I\*KSYKQC\*SYNSTSERISKNQLYKTQQ\*YKKRYTYRTRESIFSCNRYSRRYKTSTL\*H\*YKRVAGXFKSDS\*KIKRKIWGEYNNKFSGILRRRPRNHNAQF\*LWRGIFLL\*YNKTI\*E\*LD\*\*LE\*L\*CY\*ECNHNPMQNKTNYKHVAGSRKSNVCPSHQRND\*LFIKYYRTTINKRWWY\*\*\*YKHKQD\*DLQTWRRRYEGQLEK\*IIQI\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQLAESY\*GATAXVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHH\*XALEY\*LE\*\*ICGYNLAEPDLDAVGK\*N\*XIHR\*HIQIN\*RFAKTTRKEWTGIIGIR\*MGKFVELV\*YNKLAVVHKNIHNDSRRLNRFKNSFYCNYYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRHIRTI

>B.2009.HM030564.asymptomatic

MEPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRGPPNSGQTHQISLPKQ\*VVYVMQPLNSLDSITILAIVALVVVAIIAIIVWTIVYIEYRRLQRQKKIDRLINRISERAEDSGNESEGDEEELAALEMGRLAPWDVDDM\*CYRTIVGHSLLWGTCVERSNHHSILCIRC\*RI\*YRGT\*CLGHTCLCTHRPQPTRSRIKKCNRKF\*HVEKQHGRTDAGGYNQFMGSKSKAMCKINPTLCYFKLY\*LGEK\*\*Q\*YQ\*YHRESENGDRRDKKLLF\*HHHKHQR\*EAEGICTFL\*I\*YSTNKR\*\*EQYY\*V\*IDKL\*YLSYYTGLPKSNL\*ANSHTLLCPGWFCDSKM\*\*\*KVQWNRTLYQCQHSTMYTWN\*ASSINSIAVKWQSSRRRGNN\*I\*KYYRQY\*NNNGTSKGICKNYLYKTQQQYKKKYISRTRESNLCNRRHNRGYKESTL\*PY\*STME\*HFKTNS\*EIKRILSE\*NNSI\*SILRRGPRNYDAHF\*LWRGIFLL\*YKRAIQ\*HIQ\*HVECYRRYWTAK\*H\*H\*YYTPMQNKTNYKHVAGSRQGNVCPSHPRTN\*M\*IKYYRDTIDKRWWEWK\*\*\*\*YRDLQTGRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSDTGSSVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQFAESY\*GATASVATHSLGH\*TAPGKSPGFGKIPKGSANPRNLGLLWKTHLHHQCALEH\*LE\*\*ISKLYLGEHDLDAMGKGD\*QLHRCNIQIN\*RIAEPARKE\*IRLVKIG\*MGKFVELV\*YNKMAVVYKNIHNDSRRLDRLKNSFYCTFYSE\*S\*AGILTIIIPDPLPSPEGTRQARRNRRRRWREKQRIIRAI

>B.2009.HM030565.asymptomatic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCWHCQVCFITKGLGISYGRKKRRQRRRTPQGSQIDQASLSKQ\*VVNVMQSLEILAIVALVVAIILAIVVWSIVFIEYRKIKRQKRIDRLIDRIRDRAEDSGNDSDGDQEELSELVERGHLAPWDIDDL\*CYRKRKIVGHSLLWGTCVERSKHHFILCNRC\*SICYRET\*CLGHTCLCTHRPQPTRNTIEECDRKF\*HVEKSHGRTDA\*GYNQFMG\*KPKAMCKINPTLCHLKLY\*LEK\*\*YQKQ\*HCNSGATGATRRNKKLLF\*CHLRQER\*NEERICNFL\*SGYNKNRG\*\*\*Y\*L\*ANKL\*HLSHYTSLSKDIL\*ANSHTLLCPGWLCDSKV\*\*\*QF\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVKWQSSRKRGSN\*I\*KYHRQC\*NYNSTVDRTGRN\*LYKTWQQYKKKYRYRTRESILYNRSYNRKY\*TSTL\*H\*QFKME\*HFKKNKYRTKKTVQE\*NNNLY\*FFRRGPRNSNAQF\*LWRGIFLL\*HNTAV\*\*YTQGK\*HTH\*RD\*RK\*HTHTPMQNKTNHKHVAESRKSNVCPSHQRMD\*MFIKYYRTAINKRWG\*\*\*\*H\*\*DRDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRSGTHQGKEKSGAERKKSSGSRSYGPWVLGSSGKHYGRSVIDADGTGQAITVWYSATAKQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWEAHLHH\*CALE\*QLE\*\*KLHSDLE\*HDLVRVGKRNRQLHRLNIQLT\*RIAKPTRNK\*KRIIGIR\*MGKFVELV\*YIKLAVVYKNIHNDSRRLGRFKNNFYCTFYNK\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRHIRTL

>B.1989.HM469972.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILVVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDINDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*FY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQVEK\*II\*I\*SSKN\*TIRSSTHQGKEXSGAKRKKSSGNNRSYAPWXLGSSRKHYGRSXXDADGTGQTIIVWYXATAEQFAEGY\*GATASVATHSLGHQAXPSKSPGCGKIPKVSTAPGDLGLLXKTHLHHCCALXY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRVIGIRXLGKFVELV\*HNKLAVVYKNIHNDXRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARXNRRRRWRERQRQIRSI

>B.1989.HM469973.-

KEPVXPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILVVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDINDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*FY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*SK\*HNHXPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.HM469974.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILXVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDINDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*FY\*PH\*\*\*RXNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWXXDSKV\*\*\*KVQWKRTMXKCQHSTMYTWN\*ASSINSXAVKWQSSRRRGSN\*IRQFLGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNXRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.HM469975.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SIRYRGT\*CLGHTCLCTHRPQPTRSKNGECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*L\*E\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*SEERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGXLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKPNIHLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.HM469976.-

MEPVDPRLEPWKHPGSQPRTACTNCYXKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQIVAVVALVVVAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*\*\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*NLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKNTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*YCMGR\*H\*RK\*K\*HNHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDLQAWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQFN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYRE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.HM469977.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQIVAVVALVVVAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*NLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*YCMGR\*H\*RK\*K\*HNHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDLQAWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTXQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDXGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQFN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGXLTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.HM469978.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQIVAVVALVVVAIIAIVVWSIVFIECRKIRXQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*\*\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*NLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKNTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*YCMGR\*H\*RK\*K\*HNHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDLQAWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQFN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.HM469979.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIGECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*L\*E\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKXKR\*SEERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGNN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTYSYKIKRTIWK\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*RERK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGVLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIHLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.HM469980.-

MEPVDPRLEPXKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*YRGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKDKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWFLGSSRKXYGGSVNDADXTGQTIIVWYSATAEQFXEGY\*GATASVATHSLGHQAAPSKNPGCGKIPKGSTAPGVXGLLWKTHLHHCCALEY\*LE\*\*IXESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.HM469981.-

MKPVDPRLEPWKHPGSQPRTACTNCYWKKGCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIEYRKIRRQIKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*YRGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKDKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKNPGCGKIPKGSTAPGVLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.HM469982.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRXKRRQRRRAPQDSQXHQVSVSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKTNPTLCYFKLH\*LWECY\*PH\*\*\*RXNGGERRNKKLLFQYHHKHXR\*GAERICTFL\*S\*XNTNKR\*\*Y\*IYVEKL\*HLSHYTGLSKGIL\*AMSHTLLCPGWLCDSKAE\*\*XVPWKRTMYKCQHSTMYTWN\*ASSINSTAVKCXATRGRSSN\*IRQFLGQC\*RHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTYSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*RK\*K\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKIHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIHLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.HM469983.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGICYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKTNPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*IYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSXNSTAVKWQSSRXXGSN\*IRLFLGQC\*SHXSTSE\*ICRN\*LXKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTYSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRRXFLL\*FNTTV\*QYLEWYCMVK\*H\*RK\*K\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRKYEGQLXK\*II\*I\*SSKN\*TIRSSTHQGKEKSXAKRKKXSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKIHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIHLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTXVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.2003.HM586187.acute\_infection

MEPVDPRLEPWKHPGSQPRTRCTSCYCKKCCFHCQVCFIQKALGISYGRKKRRQRRRPPQDSKTHQESLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNDSDGDQEELSTLVEVGHDAPWDVNDL\*CFRTIVGHSLLWGTGVERSKHHSILCIRC\*SI\*YRST\*CLGHPCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*\*IEE\*Y\*GE\*Y\*H\*W\*LDRRNKKLLFQCHHKCKR\*DAEGICTLL\*T\*CSTNR\*\*\*K\*Y\*L\*VNKL\*HLSHYTGLSKGNLRTNSHTLLCPSRFCAF\*VQRKGFQWNRTMYKCQHSTMHTWNKASSFNSTTVKWQSIRRRSGN\*ISKFLR\*C\*NYNSTAKRSCTN\*LYKTQQQYKKKYTYRTRESILCNRRCNRRYKTSTL\*H\*CNSLE\*HFKTSS\*KIKKTI\*\*NNSLSATCRGRLRNYNAQFYLWRGIFLL\*YITTV\*\*YLE\*YLE\*YYRVK\*Y\*WK\*YNHTPMQNKTXCKHVAGSRKSNVCPSHQRTNQMCIKYHRTAINKRWWYQQQSEQHN\*DLQTGRRRYEGQLEK\*II\*I\*SSKN\*TLRSSTHQGKEKSGAERKKSSGIRSFVPWVLECSRQHYGRSVTNADGTGQTIVVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHHCALECYLX\*\*NSR\*YLE\*HDLDGLGQRNWKLHKLHIHLN\*XSAEPTRKE\*TRIIRVR\*MGKFVELV\*YNKLAVVYKNIHNDSRRLNRFKNSFCCTFYSK\*SQAGILTIIVSDPPPSQEGTRRARRNRRRRWRERQRQIRSI

>B.2004.HM586193.acute\_infection

MEPVDPRLEPWKHPGSQPRTPCTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGSKSHQDSLPKQ\*VVHVMQSLETYSIVALVIAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELAALVEMGPHDRWNVNDL\*YCRTIVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSKLGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FGK\*YWGK\*YWGYKYYLGKDGERRIKKLLFQCHHKHKR\*SEERICSFL\*A\*SNENR\*\*\*\*\*LYVNKLQYLSHYTGLSKDIL\*ANSHTLLCPGWFCXSKV\*\*\*TVQWNRTMYKCQHSTMYTWN\*ASSINSTTVKWQSSRRKDSN\*V\*KFHGQC\*NYNSTAERIYRH\*VYKTQQQYKKKYIYGTRESIF\*YRTNNRRYKTSTL\*H\*\*RKME\*HFKTDS\*QIKRKIWEK\*NNSL\*SILRRRPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLELE\*D\*Q\*SWEYNW\*WHTHTPMQNKTICKHVARSRKSNVCPSYQRTD\*LYIKYYRAAINQRWW\*\*LE\*FRDL\*TWRRRYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEKSGAKRKKSSGTRSYVPWVLGSSRKHYGRSVSDADGTGQTVIVWYSATAE\*SAESY\*GATTSVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISKYDLG\*HDLDGVGKRN\*QLXKLNI\*LT\*RIAXPTRKK\*TRIIGIG\*MGKFVELX\*HNKLAVVYKIIXNDSRRLGRFKNSFCCAFHSK\*G\*AGIFTIIVSDPLPSLEGTRQARRNRRRRWRQRQRQIHSI

>B.2004.HM586198.acute\_infection

MEPVDPRLEPWKHPGSQPKTACSNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVNVMNSYILTIVAFIIAIILVIVVWTIVFIEYRKVLRQRKIDRLIDRIREREEDSGNESEGDQEELAQLGEMGLLALWDVNNL\*CCRKIVGHSLLWGTCVERSKRHSILCIRC\*SILYRST\*CLGHTCLCTHRPRPTRNKIGKCDRKF\*HVEK\*HGRTDARGYNQFMGSKPKAMCKINPTLRYFKLH\*CEFY\*DQ\*\*\*W\*WGTDGERRNEKLLFQCHLKYKR\*DAETICTFL\*P\*CSTNR\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*ANSYTLLCPGWFCDPKV\*\*\*DV\*WKRTM\*KCQHSTMYTWNKTSSINSITVKWQPSRRRGSN\*I\*QFLKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYTYSTRENILCNRRYNRRYKESIL\*YKWNKMA\*HLNTGKRKIKRTI\*\*NNSF\*SILRRRPRSCNAHF\*LWRGIFLLQYNTTI\*\*YLE\*EHNHE\*HNHTPM\*NKTDYKHVAGSRKSNVCPSHQRTN\*LFIKYYRAAINKRRG\*YQWHQWHRNIQTWRRRYEGQLEK\*IIQI\*SSKN\*TFRSSTH\*GKEKSGAKRKKGSGTGSSVPWVLRSSRKHYGRSVNDADGTGQTTAVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISKCYLG\*HDLDGMGKRN\*QLHKRNIQIN\*RSAKPTRKE\*TRIIGIG\*MGKFVELV\*HNQLAVVYKTIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIVVADPPPSSEGTRQARRNRRRRWRERQRHIRTI

>B.2004.HM586200.acute\_infection

MEPVDPRLEPWKHPGSQPKTACSNCYCKKCCFHCQVCFXTKALGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVNVMNSYILTIVAFIIAIILVIVVWTIVFIEYRKVLRQRKIDRLIDRIREREEDSGNESEGDQEELAQLGEMGLLALWDVNNL\*CCRKIVGHSLLWGTCVERSKRHSILCIRC\*SILYRST\*CLGHTCLCTHRPRPTRNKIGKCDRKF\*HVXK\*HGRTDARGYNQFMGSKPKAMCKINPTLRYFKLH\*CEFY\*DQ\*\*\*W\*WGTDGERRNEKLLFQCHLKYKR\*DAETICTFL\*P\*CSTNR\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*ANSYTLLCPGWFCDPKV\*\*\*DV\*WKRTM\*KCQHSTMYTWNKTSSINSITVKWQPSRRRGSN\*I\*QFLKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYTYSTRENILCNRRYNRRYKESIL\*YKWNKMA\*HLNTGKRKIKRTI\*\*NNSF\*SILRRRPRSCNAHF\*LWRGIFLLQYNTTI\*\*YLE\*EHNHE\*HNHTPM\*NKTDYKHVAGSRKSNVCPSHQRTN\*LFIKYYRAAINKRRG\*YQWHQWHRNIQTWRRRYEGQLEK\*IIQI\*SSKN\*TFRSSTH\*GKEKSGAKRKKGSGTGSSVPWVLRSSRKHYGRSVNDADGTGQTTAVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISKCYLG\*HDLDGMGKRN\*QLHKRNIQIN\*RSAKPTRKE\*TRIIGIG\*MGKFVELV\*HNQLAVVYKTIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIVVADPPPSSEGTRQARRNRRRRWRERQRHIRTI

>B.2005.HM586202.asymptomatic

MEPVDPRLEPWKHPGSQPKTACSNCYCKNCCFHCQVCFTTKALGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVNVMNSYILTIVAFIIAIILVIVVWTIVFIEYRKVLRQRKIDRLIDRIREREEDSGNESEGDQEELAQLGEMGLLALWDVNNL\*CCRKIVGHSLLWGTCVERSKRHSILCIRC\*SILYRST\*CLGHTCLCTHRPRPTRNKIGKCDRKF\*HVXK\*HGRTDARGYNQFMGSKPKAMCKINPTLRYFKLH\*CEFY\*DQ\*\*\*W\*WGTDGERRNEKLLFQCHLKYKR\*DAETICTFL\*P\*CSTNR\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*ANSYTLLCPGWFCDPKV\*\*\*DV\*WKRTM\*KCQHSTMYTWNKTSSINSITVKWQPSRRRGSN\*I\*QFLKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYTYSTRENILCNRRYNRRYKESIL\*YKWNKMA\*HLNTGKRKIKRTI\*\*NNSF\*SILRRRPRSCNAHF\*LWRGIFLLQYNTTI\*\*YLE\*EHNHE\*HNHTPM\*NKTDYKHVAGSRKSNVCPSHQRTN\*LFIKYYRAAINKRRG\*YQWHQWHRNIQTWRRRYEGQLEK\*IIQI\*SSKN\*TFRSSTH\*GKEKSGAKRKKGSGTGSSVPWVLRSSRKHYGRSVNDADGTGQTTAVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKXPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISKCYLG\*HDLDGMGKRN\*QLHKRNIQIN\*RSAKPTRKE\*TRIIGIG\*MGKFVELV\*HNQLAVVYKTIHNDSRRLDRFKNSFYCTFYSEXS\*XGILTIVVADPPPSSEGTRQARRNRRRRWRERQRHIRTI

>B.2005.HM586204.asymptomatic

MEPVDPRLEPWKHPGSQPKTACSNCYCKNCCFHCQVCFTKKALGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVNVMNSYILTIVAFIIAIILVIVVWTIVFIEYRKVLRQRKIDRLIDRIREREEDSGNESEGDQEELAQLGEMGLLALWDVNNL\*CCRKIVGHSLLWGTCVERSKRHSILCIRC\*SISYRST\*CLGHTCLCTHRPRPTRNKIGKCDRKF\*HVDK\*HGRTDARGYNQFMGSKPKAMCKINPTLRYFKLH\*CEFY\*DQ\*\*\*W\*WETDGERRNEKLLFQCHLKYKR\*DAETICTFL\*P\*CSTNR\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*ANSYTLLCPGWFCDPKV\*\*\*DV\*WKRTM\*KCQHSTMYTWNKTSSINSITVKWQPSRRRGSS\*I\*QFLKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYTYSTRENILCNRRYNRRYKESIL\*YKWNKMA\*HLNTGKRKIKRTI\*\*NNSF\*SILRRRPRSCNAHF\*LWRGIFLLQYNTTI\*\*YLE\*EHTHE\*HNHTPM\*NKTDYKHVAGSRKSNVCPSHQRTN\*LFIKYYRAAINKRRG\*YQWHQWHRNIQTWRRRYEGQLEK\*IIQI\*SSKN\*TFRSSTH\*GKEKSGAKRKKGSGTGSSVPWVLRSSRKHYGRSVNDADGTGQTTAVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISKCYLG\*HDLDGMGKRN\*QLHKRNIQIN\*RSAKPTRKE\*TRIIGIG\*MGKFVELV\*HNQLAVVYKTIHNDSRRLDRFKNSFYCTFYSE\*S\*EGILTIVVADPPPSSEGTRQARRNRRRRWRERQRHIRTI

>B.2004.HM586206.acute\_infection

MEPVDPSLEPWKHPGSQPKTACTPCYCKRCCYHCQVCFLTKGLGISYGRKKRSQRRGPPKDSQTHQASLSKQ\*VIYVMSHLYILTVIAFVIVLIIAIVVWSIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVERGHHAPLEGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNYHFILCIRCQSI\*YRGT\*CLGHTCLCTHRPQPTRSSTRKCDRIF\*HVEK\*HGGTDA\*GYNQFMGSKSKAMCKADPTLCYVTLH\*VYKYYYYQ\*\*\*YS\*RGGRSNKKLLFQYYHKYER\*DEERTCTFLFT\*CSTNR\*Y\*I\*VKKL\*RLSPYTGLSKNNL\*ANSHTLLCPGWFCDSKV\*Q\*DIRWKGIM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRCSN\*I\*KFHEQCKNHNSTIE\*NCNN\*LYKTQQ\*YKKKYTYRTRKSILYNRRHNRKYKKSTL\*P\*\*SRLG\*XFKTGSWKIKRTIWE\*\*NNNL\*SIHRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLVE\*WY\*EYH\*R\*LYNNHTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*LFIKYYRVAINKRWGQQSVRGDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRISTHQGKKKSGAERKKSSDTRSYVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAAQLAEGYRGATAFVATHSLGH\*TAPGKSPGCGKIPTGSTAPGNLGLLWKTYLHHCCALEC\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLHKHNILLT\*NIAEPARKK\*TRVIGIG\*MGKFVELV\*HNKLAVVYKDIHNDSRRLDRFKNNFYCAFCSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRGKQRQIQTI

>B.2005.HM586207.acute\_infection

MEPVDPSLEPWKHPGSQPKTACTPCYCKRCCYHCXVCFLTKGLGISYGRKKRSQRRGPPKDSQTHQASLSKQ\*VIYVMSHLYILTVIAFVIVLIIAIVVWSIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVERGHHAPLEGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNYHFILCIRCQSI\*YRGT\*CLGHTCLCTHRPQPTRSSTRKCDRIF\*HVEK\*HGGTDA\*GYNQFMGSKSKAMCKADPTLCYVTLH\*XYKYYYYQ\*\*\*YS\*RGGRSNKKLLFQYYHKYER\*DEERTCTFLFT\*CSTNR\*Y\*L\*VKKL\*RLSPYTGLSKDNL\*ANSHTLLCPGWFCDSKV\*Q\*DIRWKGIM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRCXN\*I\*KFHEQCKNHNSTIE\*NCNN\*LYKTQQ\*YKKKYTYRTRKSILYNRRHNRKYKKSTL\*P\*\*SXLG\*NFKTGSWKIKRTIWE\*\*NNNL\*SIHRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLVE\*WY\*EYH\*R\*LYNNHTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*LFIKYYRVAINKRWGQQSVRGDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRISTHQGKKKSGAERKKSSDTRSYVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAAQLAEGYRGATAFVATHSLGH\*TAPGKSPGCGKIPTGSTAPGNLGLLWKTYLHHCCALEC\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLHKHNILLT\*NIAEPARKK\*TRVIGIG\*MGKFVELV\*HNKLAVVYKDIHNDSRRLDRFKNNFYCAFCSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRGKQRQIQTI

>B.2005.HM586208.asymptomatic

MEPVDPSLEPWKHPGSQPKTACXPCYCKKCCYHCQVCFLTKGLGISYGRKKRNQRRGPPKDSQTHQASLSKQ\*VIYVMSHLYILTVIAFVIVLIIAIIVWSIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVERGQHAPLEGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNYHFILCIRCQSI\*YRGT\*CLGHTCLCTHRPQPTRSSTRKCDRIF\*HVEK\*HGGTDA\*GYNQFMGSKSKAMCKADPTLCYVTLH\*LYKYYYYQ\*\*\*YS\*RGGRSNKKLLFQYYHKYER\*DEERTCTFLFT\*CSTNR\*Y\*L\*VKKL\*RLSPYTGLSKDNL\*ANSHTLLCPGWFCDSKV\*Q\*DIRWKGIM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRCNN\*I\*KFHEQCKNHNSTIE\*NCNN\*LYKTQQ\*YKKKYNYRTRKSILYNRRHNRRYKKSTL\*P\*\*SRLG\*HFKTGSWKIKRTIWE\*\*NNNL\*SIHGRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGE\*\*H\*EYH\*R\*LYNNHTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*LFIKYYRVAINKRWGQQSVRGDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRISTHQGKKKSGAERKKSSDTRSYVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAAQXAEGYRGATAFVATHSLGH\*TAPGKSPGCGKIPTGSTAPGNLGLLWKTYLHHCCALEC\*LE\*\*ISEXDLG\*HDLDGVGKRN\*QLHKHNILLT\*NIAEPARKK\*TRVIGIG\*MGKFVELV\*HNKLAVVYKDIHNDSRRLDRFKNNFYCAFCSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRGKQRQIQTI

>B.2005.HM586209.asymptomatic

MEPVDPSLEPWKHPGSQPKTACNPCYCKRCCYHCQVCFITKGLGISYGRKKRSQRRGPPKDSQTHQASLSKQ\*VIYVMSHLYILTVIAFVIVLIIAIVVWSIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVERGHHAPLEGHHAPWDIDDL\*CYRKVGHSLLWGTCVERSNYHFILCIRCQSI\*YRGT\*CLGHTCLCTHRPQPTRSSTRKCDRIF\*HVEK\*HGGTDA\*GYNQFMGSKSKAMCKADPTLCYVTLH\*LYKYNQYYYQ\*\*\*YS\*RGGRSNKKLLFQYYHKYER\*DEERTCTFLFT\*CSTNR\*Y\*L\*VKKL\*RLSPYTGLSKDNL\*ANSHTLLCPGWFCDAKV\*Q\*DI\*GKGIM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRSSN\*I\*KFHEQCKNHNSTIE\*NCNN\*LYKTQQ\*YKKKYNYRTRKSILYNRRHNRRYKKSTL\*P\*\*SRLG\*HFKTGSWKIKRTIWE\*\*NNNL\*SIHGRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGE\*\*H\*EYH\*R\*LYNNHTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*LFIKYYRVAINKRWGQQSVRGDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRISTHQGKKKSGAERKKSSDTRSYVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAAQXAEGYRGATAFVATHSLGH\*TAPGKSPGCGKIPTGSTAPGNLGLLWKTYLHHCCALEX\*LE\*\*ISEXDLG\*HDLDGVGKRN\*QLHKHNILLT\*NIAEPARKK\*TRVIGIG\*MGKFVELV\*HNKLAVVYKDIHNDSRRLDRFKNNFYCAFCSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRGRQRQIQTI

>B.2005.HM586210.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFIKKGLGISNGRKKRRQRRRPSEGSQTHQDSLSKQ\*VIHVMQPLIVIAIVALVVVGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELAALVERGHLAPWDINDL\*\*CRELVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTRLCTHRPQPTRNGIGKCDRRI\*HVEK\*HGGTDAGGYNKFMGSKPKAMCKINPTLCYFKLH\*CKCYYYQ\*YYQ\*\*\*RGTDGGRRNKKLLFQHQRSNKR\*GAERKCIFL\*A\*CGRNR\*\*\*QQL\*EL\*VDKL\*HLSHDTRLSKGIL\*TNSNTLLYPGWFCASKV\*\*\*EVQWNRTMQKCQHSTMHTWN\*ASSINATAVEWQLSRRRGSN\*I\*KFHK\*C\*KHNSTAE\*ICSN\*LYKTQQ\*YKKKYTYGSRTSIVYNKHNRRYKTSTL\*HQ\*EGMESHFKTDS\*KIKSTIWE\*\*NNSLYPTLRRGHRNCNAQF\*LWRGIFLLQFNTAV\*\*YLE\*Y\*RQY\*RVK\*H\*KEHHTHHTPMQNKANCKPVAGSRKSNICPSHQGAN\*LFIKYYRVDINKRCW\*W\*EHKQQY\*NLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSNRTRSCVPWVLGSSRKHYGRSISDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGYRKLPKGSTAPGNLGLLWETHLHHYCALEY\*LE\*\*ISE\*DLG\*HDLDAVG\*RN\*QLHKYNIHLN\*KSAEPTREE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKVIHNDSRRLGRFKNSFCCTFFSE\*SQAGILTIIIADPPPNPEGTRQARRNRRRRWRERQRQIRGI

>B.2005.HM586211.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFIKKGLGISNGRKKRRQRRRPSEGSQTHQDSLSKQ\*VIHVMQPLIVIAIVALVVVGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELAALVERGHLAPWDINDL\*\*CRELVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTRLCTHRPQPTRNGIGKCDRRI\*HVEK\*HGGTDAGGYNKFMGSKPKAMCKINPTLCYFKLH\*CKCYYYQ\*YYQ\*\*\*RGTDGGRRNKKLLFQHQRSNKR\*GAERKCIFL\*A\*CGRNR\*\*\*QQL\*EL\*VDKL\*HLSHDTRLSKGIL\*TNSNTLLYPGWFCASKV\*\*\*EVQWNRTMQKCQHSTMHTWN\*ASSINATAVEWQLSRRRGSN\*I\*KFHK\*C\*KHNSTAE\*ICSN\*LYKTQQ\*YKKKYTYGSRTSIVYNKHNRRYXTSTLKHQ\*EGMESHFKTDS\*KIKSTIWE\*\*NNSLYPTLRRGHRNCNAQF\*LWRGIFLLQFNTAV\*\*YLE\*Y\*RQY\*RVK\*H\*KEHHTHHTPMQNKANCKPVAGSRKSNICPSHQGAN\*LFIKYYRVDINKRWW\*W\*EHKQQY\*NLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSNRTRSCVPWVLGSSRKHYGRSISDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGYRKLPKGSTAPGNLGLLWETHLHHYCALEY\*LE\*\*ISE\*DLG\*HDLDAVG\*RN\*QLHKYNIHLN\*KSAEPTREE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKVIHNDSRRLGRFKNSFCCTXFSE\*SQAGILTIIIADPPPNPEGTRQARRNRRRRWREXQRQIRGI

>B.2005.HM586212.asymptomatic

MEPVDPRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFIKKGLGISNGRKKRRQRRRPSEGSQTHQDSLSKQ\*VIHVMQPLIVIAIVALVVVGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELAALVERGHLAPWDINDL\*\*CRELVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTRLCTHRPQPTRNGIGKCDRRI\*HVEK\*HGGTDAGGYNKFMGSKPKAMCKINPTLCYFKLH\*CRCYYYQ\*YYQ\*\*\*RGTDGGRRNKKLLFQHQRSNKR\*GAERKCIFL\*A\*CGRNR\*\*\*QQL\*EL\*VDKL\*HLSHDTRLSKGIL\*TNSNTLLYPGWFCASKV\*\*\*EVQWNRTMQKCQHSTMHTWN\*ASSINSTAVEWQSSRRRGSN\*I\*KFHK\*C\*KHNSTAE\*ICSN\*LYKTQQ\*YKKKYTYGSRTSIVYNKHNRRYKTSTL\*HQ\*EGMESHFKTDS\*KIKSTIWE\*\*NNSLYPTLRRGHRNCNAQF\*LWRGIFLLQFNTAV\*\*YLE\*Y\*RQY\*RVK\*H\*KEHHTHHTPMQNKANCKPVAGSRKSNICPSHQGAN\*LFIKYYRVDINKRWW\*W\*EHKXQY\*NLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSNRTRSCVPWVLGSSRKHYGRSISDADGTGQXIIVWYSATAEQSAEGY\*GAXASVATHSLGHQTAPGKSPGYRKLPKGSTAPGNLGLLWETHLHHYCALEY\*LE\*\*ISE\*DLG\*HDLDAVG\*RN\*QLHKYNIHLN\*KSAEPTREE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKVIHNDSRRLGRFKNSFCCTFFSE\*SQAGILTIIIADPPPNPEGTRQARRNRRRRWRERQRQIRGI

>B.2008.HQ215554.-

MEPVDPRLEPWKHPGSQPSTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRGQRRRAHQDSPPDQATLSKQ\*VVYVMQSLTILAIVALVVAAILAIVVWTIVYIEYRKIKKQRKIDRLIDRIRERAEDSGNDSEGDQEELSALVDMGHDAPWDVNDL\*C\*RQFVGHSLLWGTCVERSNYHFILCIRC\*SI\*LRGT\*CLGYTCLCTHRS\*PTRSSIGKCDRKF\*YLEK\*YGKTDA\*GCNQFMG\*KPKAMCKINPTLCYFKLH\*YGVCYQCYQ\*\*\*\*\*QY\*V\*YATGRNKELLFQYHHTNRKEKEKRLCNF\*\*T\*CSTNR\*\*\*Q\*LYVDKL\*HLSHQAGLSKGIL\*ANSHTLLYPSWFCNYKV\*\*\*GVQWNRTM\*KCQHSTMYTWN\*ASSVNSITVKWQSSRRRDSN\*ISEFLKQC\*KHNSTAK\*NCTN\*LYKTQQQYKKGYTYGSRGSIICNRGHNRRYKTSILYC\*CNKME\*NFKKGSYKIKRTIRKNRTSE\*NNSL\*PIRRRGPRNCNAHTKLWRGIFLL\*YNRAV\*\*YFD\*\*YLE\*\*SVI\*QWNR\*HHTPLQNKTNYKQVAGSRKSNVCPSHQWTN\*LFIKYYRTDINKRWR\*QYRESI\*Y\*NLQTWGRGYEGQLEK\*II\*I\*SSTN\*ANRISTHQGKEKSGAERKKSSGNIRSYVPWVLGSSRKHYGRSVSHADGTGQTITVWYSATAEQFAESY\*GATTYVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHHCCTLEY\*LE\*\*N\*GSDLG\*HDLDTVGERN\*QLHRLNI\*LT\*KITDPARNE\*TRLIGIG\*VDKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCTFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRHIHSI

>B.2009.HQ215556.-

MEPVDPRLEPWKHPGSQPSTPCNSCYCKKCCYHCQVCFLKKGLGISYGRKKRRQRRRAPQGSPPHQTAVSEQ\*VVHVMQALQVLAIVALVVAAIIAIVVWTIVFLEWRKLRRQRKINRLIDRIRERAEDSGNESDGDQEELSALVDMGHDALWDVNDL\*CWRQ\*VVGHSLLWGTCVEGGKHHFILCIKC\*SIPPRGT\*CLGHTCLCTHRS\*PTRDSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMCKINPTLYCFKLH\*LEVYWDQ\*\*\*YGKYGGRNKELHFQYHLKNRK\*GAKTICTFY\*Y\*CNTNR\*E\*\*Q\*LYVEKL\*HLNHYTGLSKDVL\*TNSHTLLYPGWFCASAV\*\*\*EV\*WNRTMYKC\*HSTMYTWN\*ANSVNSTAVKWQSSRRRHSN\*I\*KFHKQC\*NHNSTAE\*NCRN\*LYKTQQQNKKRYISRTREMEIIIYNKRYNRR\*KKSIL\*H\*CRKMAQHFKTGSYKIKRTTWI\*E\*NYNI\*SIFRRRPRNCNAHI\*LWRGIFLL\*YNKAV\*\*YF\*\*CLARVKR\*WHRRSHQTSMQNKTNNK\*MAGSRKSNVCSSHRGTN\*MFIKYYRITINTRWW\*QE\*D\*A\*NLQTWGRRYEGQLEK\*II\*I\*SNKN\*AIRTGTHQGKEKSGAETKKSSGSTRSYVPWVLGSSRKHYGRSVSHADGTGQTIAVWYSATAEQFAESC\*GATTPVATHSLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHH\*CALEC\*LE\*\*IYGRDLE\*HDLDAVGERD\*QLHRHYIHFTCRIAEPARKE\*KRVIGVE\*MDRFVDLV\*HNKLAMVYKNIHNDSRRPNRFKNNFYCTLYSE\*S\*AGILTIVVPDPPPSSGGTRQARRNRRRRWRQRQKQIHTL

>B.2010.HQ846912.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCMHCQVCFITKGLGISYGRKKRRQRRRTPPGSQTHQVSLSKQ\*VVHVMQSLHILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDKIRERAEDSGNESDGDQEELSVLVGMGRLVPWDINNL\*CRTIVGHSLLWGTCVERSNHHSILCIRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRNSVGKCDRKF\*HVEK\*HGRADA\*GYNQSMGSKPKAMCKINPTLCYFKLH\*FEYH\*FNEWY\*\*LGNDGKRRTKKLLFQCHHKHTR\*GTGRICTFL\*T\*CNTNRYQ\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EVQRNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*IRKFHKQC\*SHNSTAE\*NCNN\*LYKTQQQYKKKHIYRTRQSILYNRRDNRRYKTSTL\*RL\*TKMGCHSKTGS\*QTKRTIWE\*NNNI\*SILRRRPRNCNAQF\*LWRGIFLL\*VNTTV\*\*YLECYWRVLE\*YRRGSKHHTSMQNKTNYKHVAESRKSNVCPSHQRTN\*MYIKYYRVDINKRWW\*\*QE\*ERD\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCIPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GATASVAAHSLGHQAASGKSPGCGKIPKGSAAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISRLYLG\*HDLDAVGKRN\*\*LHRLNIHLN\*TIAKPAGKE\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIYNDSRRLGRFKNSLYSTFYSE\*S\*EGILTIIVPDPPPSQEGTRQARRNRRRRWRERQRRIRTI

>B.2010.HQ846913.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCMHCQVCFITKGLGISYGRKKRRQRRRAPPGSQTHQVSLSKQ\*VVHVMQSLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDKIRERAEDSGNESDGDQEELSALVGMGHLVPWDINDL\*CRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGRADA\*GYNQSMGSKPKAMCKINPTLCYFKLR\*FEYH\*FEEWY\*YQ\*\*\*LGNDGERRNKKLLFQCHHKHKR\*GTERICTFL\*T\*CNTNR\*Q\*Y\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IQKFHKQC\*SHNSTAE\*NCRN\*LYKTQQQYKKKYTYRTRQSILYNRRDNRRYKTSTL\*RL\*TKMGCHSKTGS\*QIKRTIWE\*NNNI\*SILRRRPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLECYWRVLE\*YKRGSKHHTSMQNKTNYKHVAESRKSNVCPSHQRTN\*MYIKYYRVDINKRWW\*\*QE\*ERD\*DLQTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSAAAEQSAEGY\*GATASVAAHSLGHQAASGKSPGCGKIPKGSAAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISRLYLG\*HDLDAVGKRN\*\*LHRLNIHLN\*TIAKPAGKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIYNDSRRLGRFKNSLYSTFYSE\*S\*EGILTIIVPDPPPSQEGTRQARRNRRRRWRERQRRIRTI

>B.2006.JF320002.-

MDPVDPKLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAHQSSQTHQVSLSKQ\*VVHVMKPELILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLINRIAERAEDSGNESEGDQEELSALVERGQLVEMGHHAPWDVNDL\*GCRPNMGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKTMCKINPTLCYFKLH\*CK\*ECY\*\*\*\*\*\*RETDRERRNKKLLFQYHHKHKR\*SAERICPFL\*T\*CSTNK\*\*\*GQP\*\*\*L\*VDKL\*HLSHYTSLSKDNL\*ANSYTLLCPSWFCDSKV\*\*\*DVQWNRNM\*KCQHSTMYTWN\*ASSINSITIKWQPSRTRRSNQICQFQ\*QC\*NHNSTAERRCTN\*LYKTQQQYKKKYTYRTRESILCNRRHNRRHKTSTLQH\*\*NKME\*HFTTNS\*KTKRKV\*E\*NNSL\*SILRRGPRNCNAQF\*L\*RGIFLL\*YNTTV\*\*YLEY\*\*CLE\*Y\*RVK\*HYHTPMQNKTNYKHVAGSRKSNVCPSHQRRN\*MFIKYYRAAINKGWWQ\*\*RD\*RD\*DIQAWRRRYEGQLEK\*VI\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGTRSFVPWVLGNSRKHYGRSVTDADGTGQTIIVWYSATAEQLAESY\*GATAYVETHSLGHQAAPGKSPGCGMVPKGSTAPGDLGLLWKNHLHHCCALEC\*LE\*\*ISKSNLG\*HDLDAMGKRNRQLHRHNIQIT\*NIAEPAGKK\*KRIVGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRQRQRQIRSL

>B.2006.JF320003.-

MDPVDPKLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAHQSSQTHQVSLSKQ\*VVHVMKPELILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLINRIAERAEDSGNESEGDQEELSALVERGQLVEMGHHAPWDVNDL\*GCRPNMGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKTMCKINPTLCYFKLH\*CK\*ECY\*\*\*\*\*\*RETDRERRNKKLLFQYHHKHKR\*SAERICPFL\*T\*CSTNK\*\*\*GQP\*\*\*L\*VDKL\*HLSHYTSLSKDNL\*ANSYTLLCPSWFCDSKV\*\*\*DVQWNRNM\*KCQHSTMYTWN\*ASSINSITIKWQPSRTRRSNQICQFQ\*QC\*NHNSTAERRCTN\*LYKTQQQYKKKYTYRTRESILCNRRHNRRHKTSTL\*H\*\*NKME\*HFTTNS\*KTKRKV\*E\*NNSL\*SILRRGPRNCNAQF\*L\*RGIFLL\*YNTTV\*\*YLEY\*\*CLE\*Y\*RVK\*HYHTPMQNKTNYKHVAGSRKSNVCPSHQRRN\*MFIKYYRAAINKGWWQ\*\*RD\*RD\*DIQAWRRRYEGQLEK\*VI\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGTRSFVPWVLGNSRKHYGRSVTDADGTGQTIIVWYSATAEQLAESY\*GATAYVETHSLGHQAAPGKSPGCGMVPKGSTAPGDLGLLWKNHLHHCCALEC\*LE\*\*ISKSNLG\*HDLDAMGKRNRQLHRHNIQIT\*NIAEPAGKK\*KRIVGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRQRQRQIRSL

>B.2006.JF320004.-

MDPVDPKLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAHQSSQTHQVSLSKQ\*VVHVMKPELILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLINRIAERAEDSGNESEGDQEELSALVERGQLVEMGHHAPWDVNDL\*GCRPNMGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKTMCKINPTLCYFKLH\*CK\*ECY\*\*\*\*\*\*RETDRERRNKKLLFQYHHKHKR\*SAERICPFL\*T\*CSTNK\*\*\*GQP\*\*\*L\*VDKL\*HLSHYTSLSKDNL\*ANSYTLLCPSWFCDSKV\*\*\*DVQWNRNM\*KCQHSTMYTWN\*ASSINSITIKWQPSRTRRSNQICQFQ\*QC\*NHNSTAERRCTN\*LYKTQQQYKKKYTYRTRESILCNRRHNRRHKTSTL\*H\*\*NKME\*HFTTNS\*KTKRKV\*E\*NNSL\*SILRRGPRNCNAQF\*L\*RGIFLL\*YNTTV\*\*YLEY\*\*CLE\*Y\*RVK\*HYHTPMQNKTNYKHVAGSRKSNVCPSHQRRN\*MFIKYYRAAINKGWWQ\*\*RD\*RD\*DIQAWRRRYEGQLEK\*VI\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGTRSFVPWVLGNSRKHYGRSVTDADGTGQTIIVWYSATAEQLAESY\*GATAYVETHSLGHQAAPGKSPGCGMVPKGSTAPGDLGLLWKNHLHHCCALEC\*LE\*\*ISKSNLG\*HDLDAMGKRNRQLHRHNIQIT\*NIAEPAGKK\*KRIVGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRQRQRQIRSL

>B.2006.JF320005.-

MDPVDPKLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAHQSSQTHQVSLSKQ\*VVHVMKPELILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLINRIAERAEDSGNESEGDQEELSALVERGQLVEMGHHAPWDVNDL\*GCRPNMGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKTMCKINPTLCYFKLH\*CK\*ECY\*\*\*\*\*\*RETDRERRNKKLLFQYHHKHKR\*SAERICPFL\*T\*CSTNK\*\*\*GQP\*\*\*L\*VDKL\*HLSHYTSLSKDNL\*ANSYTLLCPSWFCDSKV\*\*\*DVQWNRNM\*KCQHSTMYTWN\*ASSINSITIKWQPSRTRRSNQICQFQ\*QC\*NHNSTAERRCTN\*LYKTQQQYKKKYTYRTRESILCNRRHNRRHKTSTL\*H\*\*NKME\*HFTTNS\*KTKRKV\*E\*NNSL\*SILRRGPRNCNAQF\*L\*RGIFLL\*YNTTV\*\*YLEY\*\*CLE\*Y\*RVK\*HYHTPMQNKTNYKHVAGSRKSNVCPSHQRRN\*MFIKYYRAAINKGWWQ\*\*RD\*RD\*DIQAWRRRYEGQLEK\*VI\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGTRSFVPWVLGNSRKHYGRSVTDADGTGQTIIVWYSATAEQLAESY\*GATAYVETHSLGHQAAPGKSPGCGMVPKGSTAPGDLGLLWKNHLHHCCALEC\*LE\*\*ISKSNLG\*HDLDAMGKRNRQLHRHNIQIT\*NIAEPAGKK\*KRIVGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRQRQRQIRSL

>B.2006.JF320006.-

MDPVDPKLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAHQSSQTHQVSLSKQ\*VVHVMKPELILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLINRIAERAEDSGNESEGDQEELSALVERGQLVEMGHHAPWDVNDL\*GCRPNMGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKTMCKINPTLCYFKLH\*CK\*ECY\*\*\*\*\*\*RETDRERRNKKLLFQYHHKHKR\*SAERICPFL\*T\*CSTNK\*\*\*GQP\*\*\*L\*VDKL\*HLSHYTSLSKDNL\*ANSYTLLCPSWFCDSKV\*\*\*DVQWNRNM\*KCQHSTMYTWN\*ASSINSITIKWQPSRTRRSNQICQFQ\*QC\*NHNSTAERRCTN\*LYKTQQQYKKKYTYRTRESILCNRRHNRRHKTSTL\*H\*\*NKME\*HFTTNS\*KTKRKV\*E\*NNSL\*SILRRGPRNCNAQF\*L\*RGIFLL\*YNTTV\*\*YLEY\*\*CLE\*Y\*RVK\*HYHTPMQNKTNYKHVAGSRKSNVCPSHQRRN\*MFIKYYRAAINKGWWQ\*\*RD\*RD\*DIQAWRRRYEGQLEK\*VI\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGTRSFVPWVLGNSRKHYGRSVTDADGTGQTIIVWYSATAEQLAESY\*GATAYVETHSLGHQAAPGKSPGCGMVPKGSTAPGDLGLLWKNHLHHCCALEC\*LE\*\*ISKSNLG\*HDLDAMGKRNRQLHRHNIQIT\*NIAEPAGKK\*KRIVGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRQRQRQIRSL

>B.2006.JF320007.-

MEPVDPRLEPWKHPGSQPKTACSKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAHQGSETHQVPLSKQ\*VIHVNDTFSDICNSSIGSSRNNSNNCVVHSTHRI\*ENIKTKENRQVN\*\*NKR\*RRR\*WH\*E\*WRPGRIISTGGGDGAPCSLGW\*\*\*SVVLQKKINFGSQSIMGYLCGKRQPPLYFVHLMLKHMKQRSIMYGPHMPVYPQTPTHKK\*\*WKM\*QKILTCGKITW\*NRCMKI\*LVYGIKV\*SHV\*N\*PHSVLL\*IALMLPWQIA\*RMIPVTRLPME\*KIAHSKSPQK\*EIRCRNNMQFFIILI\*YQ\*MIILIVVLLTIG\*\*VVTPQPLHKPAQRCPLNQFPYIIVPRLVLRF\*NVMIKSSMEQDHVKMLAQYNVHMELGQWYQPNFC\*MAA\*QRKR\*\*LDLPISRIMLKP\*\*YS\*INL\*\*LIVQDQTTIQEKVYI\*HQGEHFMQQEK\*\*EI\*DKHIATLVEQHGITL\*KW\*LKN\*ENNLIKQ\*SLIVPQEGT\*KL\*HTVLTVEGNFSIVTQQHCLIVLGGLTVLGRLQMTLKSYSHAE\*DKS\*TCGRK\*EKQCMPLPLVETLVAHQILQGYY\*QEMGVMEMVPKTRPSDLQEGI\*GTIGEVNCINIK\*\*ELNH\*E\*HPPRQREEWCREKKEQWD\*ELCSLGSWEQQEALWAQRR\*R\*RYRPDNYCLV\*CSSRAIC\*ELLRRNSICCNSQSGASSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCLGILVGVIKLRMKFGIT\*PGCSGKEKLTITQA\*YTP\*LKNRRANKKRMNKNYWNWVNGQVCGVGLI\*QIGCGI\*EYS\*\*\*\*EAW\*V\*E\*FLLCFL\*\*IELGRDTHHYRFRPTPQPRGDPTGPKESKKKVERETETDPDD\*

>B.2006.JF320008.-

MEPVDPKLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTKKRLRHLLWQEEAETATKTSSRQSDSSKFSIKAVSKYL\*\*MLYQ\*YQ\*WH\*\*QQQ\*\*Q\*LCGP\*\*L\*NIRKY\*YKEG\*TS\*LIE\*EKEQKTVAMRVKGIRKNCWRLWRWGTMLLGILMICNATKNLWVTVYYGVPVWKEANTTLFCASDAKAYDTEVHNVWATHACVPTDPDPQEILLENVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTNANVTSVNGTSATSSEELRNCSFNVTTDRRDKMKTEYALLYRLDIVQIDNSSSRLISCNTSVITQACPKISFEPIPIHYCTPAGFALLKCNDKKFEGKGQCRNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSSNFSDNAQTIIVHLNESVQINCTRPNNNTRKSINIGPGRAFYATEAIVGNIRQAHCNLSRESWKDTLERVAKKLREKFKNKTIAFNHSSGGDLEIVTHSFNCGGEFFYCNTTSLFNGTWNGTWDNTWQGSNGTITLQCRIKQIINMWQEVGKAMYAPPRAGIINCVSNITGLMLMRDGGKEDNSTENSTEIFRPGGGNMKDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVTIGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNNSWSNKTMEQIWDNMTWMEWDKEINKYTGVIYTLIENSQTQQEKNEQELLALDKWASLWNWFDITNWLWYIKTFIMIVGGLIGLRIVFAVLSVVNRVRQGYSPLSFQTHLLGPRGPDRPEGIEEEGGERDRGRSVRL

>B.2006.JF320009.-

MEPVDPKLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTHQNSLSKQ\*VNTCNECFINSINSGSSSSSNNSNSCVDHSNYRI\*ENINTKKDRQVN\*\*NKRKSRRQWQ\*E\*RGSGRIVGDYGDGAPCSLGY\*\*SVMLQKTCGSQSIMGYLCGKKQIPLYFVHQMLKHMIQRYIMCGPHMPVCPQIPTHKKYYWKM\*QKTLTCGKITW\*NRCMRI\*SVYGIKA\*SHV\*N\*PHSVLL\*IALMLMLLVLMVRALLVARN\*GIALSMLPQTEEIR\*RQNMHFSIGLI\*YK\*IIVVVG\*\*VVTPQSLHKPVQRYPLSQSPYITVPRLALRF\*SVMIRNLRERDNVEMSAQYNVHMELGQ\*YQLNCC\*MAV\*QKKR\*\*LDPAISRTMLKP\*\*YI\*MNLYKLIVQDPTIIQEKV\*I\*DQGEHSMQQKP\*\*EI\*DKHIVTSVENHGKTL\*KG\*LKN\*EKNLRIKQ\*PSITPREET\*KL\*RIVLIVEENFFTVIQHHCLMGLGMGLGIIPGKGQMALSHSNVG\*NKL\*TCGRK\*EKQCMLLPEQE\*LIVYQILQG\*C\*\*EMVVRRTIVPRIVPRSSDLEEGI\*RTIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*R\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPGNYCLV\*CNSRTIC\*ELLRRNSICCNSQSGASSSSRQESWLWRDT\*GINSS\*GFGVALENSSAPLLCLGIIVGVTKLWSKFGIT\*PGWNGIKRLTNTQE\*YTP\*LKTRKPNKKRMNKNY\*HWISGQVYGIGLT\*QTGCGI\*KHS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDIHHYHFRPTSSVRGDPTGPKE\*KKKVEKETEADPCA\*

>B.2006.JF320010.-

MEPVDPKLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTHQNSLSKQ\*VNTCNECFINSINSGSSSSSNNSNSCVDHSNYRI\*ENINTKKDRQVN\*\*NKRKSRRQWQ\*E\*RGSGRIVGDYGDGAPCSLGY\*\*SVMLQKTCGSQSIMGYLCGKKQIPLYFVHQMLKHMIQRYIMCGPHMPVCPQIPTHKKYYWKM\*QKTLTCGKITW\*NRCMRI\*SVYGIKA\*SHV\*N\*PHSVLL\*IALMLMLLVLMVRALLVARN\*GIALSMLPQTEEIR\*RQNMHFSIGLI\*YK\*IIVVVG\*\*VVTPQSLHKPVQRYPLSQSPYITVPRLALRF\*SVMIRNLRERDNVEMSAQYNVHMELGQ\*YQLNCC\*MAV\*QKKR\*\*LDPAISRTMLKP\*\*YI\*MNLYKLIVQDPTIIQEKV\*I\*DQGEHSMQQKP\*\*EI\*DKHIVTSVENHGKTL\*KG\*LKN\*EKNLRIKQ\*PSITPREET\*KL\*RIVLIVEENFFTVIQHHCLMGLGMGLGIIPGKGQMALSHSNVG\*NKL\*TCGRR\*EKQCMLLPEQE\*LIVYQILQG\*C\*\*EMVVRRTIVPRIVPRSSDLEEGI\*RTIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*R\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPGNYCLV\*CNSRTIC\*ELLRRNSICCNSQSGASSSSRQESWLWRDT\*GINSS\*GFGVALENSSAPLLCLGIIVGVTKLWSKFGIT\*PGWNGIKRLTNTQE\*YTP\*LKTRKPNKKRMNKNY\*HWISGQVYGIGLT\*QTGCGI\*KHS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDIHHYHFRPTSSVRGDPTGPKE\*KKKVEKETEADPCA\*

>B.2006.JF320011.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRAPQDSQTHQVPLPEQ\*VVHVMSLYILTIVAFVVVAILAIVVWTIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*GFRKSVGYSLLWGTCVERSNHHSVLCI\*C\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRPNA\*GYNQFMGSKSKTMCKINPTLCHSKLH\*LCGECYHNQCHYPYPYRQGRNKKLLFQYHHKYKR\*DAERICTIL\*T\*CSTNR\*W\*\*\*\*\*Y\*I\*VDKL\*HLSHYTGLSKAIL\*ANSHTLLCPGWFCDFKV\*\*KKVQWNRIM\*KCQHSTMYTWN\*ASSIHSTAVEWQSSRRRGSNKI\*EFLRQC\*NHNSTAE\*ICSY\*LYKTQQQYKKRYTYRTRGGILCNRRYNRGYKASTL\*P\*\*STME\*NFRTGSYKIKRTI\*\*NSNSL\*\*ILRRGPRNCNA\*F\*LWRGIFLL\*YNSAV\*SYLE\*Y\*\*YLEWY\*DHNTSMQNKTNYKHVARSRKSNVCPSHQRTD\*LLVKYYRAAINKRWW\*HHKHHRDLQTWRGKYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEESGAERKKSSNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLL\*KNHLHHCCALE\*YLE\*\*KSEPDLG\*HDLDEVGERN\*\*LHRSNICLA\*KIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTIVVADPPPSSEGTRQARRNRKRRWRARQRQIRSI

>B.2007.JF320012.-

MDPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQKCFLTKGLGIYYGRKKRRQRRRHPQDSQTHQASLSKQ\*VVYVMTTLYILGIVALVVASILAIVVWSIVYLEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDM\*CYRKVVGHSLLWGTCVERNNYHSILCIRC\*SIQNRGT\*CLGHTCLCTHRPQPTRNSIGKCDRIFQHVEK\*HGRTNA\*GCNQFMGSKSKAMCKVNSTLCYLKLH\*VEK\*Y\*GYK\*HHQ\*\*NEKLFFQCHSTLKR\*GKDRICTSL\*T\*YNTNKGE\*\*\*YQL\*VDKL\*YLSHYSGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ANSVNPVTVKWQSSRRRGSN\*I\*KFHKQC\*NYNSTVEQNCSN\*LYKTQQQYKEKYKYRTRESMVCNRRHNRRYKTSTL\*H\*SNKLE\*HFTPGSRKITSTIRE\*NNSL\*SILRRGPRNCNAHL\*LWRGIFLL\*YNKTV\*\*YLV\*\*WYLDWY\*\*NK\*Q\*YYHTPMQNKTNCKHVAGSRKSNVCPSHQRSNQMYIKYYRAAISKRWRPTEQYWERD\*GLQTFRRKYEGQLEE\*II\*I\*SSKN\*TIRNSAH\*GKEKSGAKRKESSRTRSCVPWVLGSSRKHYGRSVNYADGTGQTIIVWYSATAEQFAESY\*GATVYVATHSLGH\*AAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IYK\*DLE\*HDLDAVGKRN\*QLHRLNIHLN\*KIAKPARKE\*TRIIRIG\*MGKFVELV\*RNKLAVVYKNIHNDSRRLNRFKNSFYHIFYSK\*S\*AGIFTIIVTDPPPNPEGTRQARRNRRRRWRERQRHIRWI

>B.2007.JF320013.-

MDPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQKCFLTKGLGIYYGRKKRRQRRRHPQDSQTHQASLSKQ\*VVYVMTTLYILGIVALVVASILAIVVWSIVYLEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDM\*CYRKVVGHSLLWGTCVERNNYHSILCIRC\*SIQNRGT\*CLGHTCLCTHRPQPTRNSIGKCDRIFQHVEK\*HGRTNA\*GCNQFMGSKSKAMCKVNSTLCYLKLH\*VEK\*Y\*\*\*\*CYR\*HQ\*QYFFHQ\*\*NEKLFFQCHSTLKR\*GKDRICTSL\*T\*YNTNKGE\*\*\*YQL\*VDKL\*YLSHYSGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ANSVNPVTVKWQSSRRRGSN\*I\*KFHKQC\*NYNSTVEQKCSN\*LYKTQQQYKEKYKYRTRESMVCNRRHNRRYKTSTLYH\*SKKLE\*HFTPGSRKITSTIRE\*NNSL\*SILRRGPRNCNAHL\*LWRGIFLL\*YNKTV\*QYLV\*\*WYLDWY\*\*NK\*Q\*YYHTPMQNKTNCKHVAGSRKSNVCPSHQRSNQMYIKYYRAAISKRWRPTEQYWERD\*GLQTFRRKYEGQLEE\*II\*I\*SSKN\*TIRNSAH\*GKEKSGAKRKESSRTRSCVPWVLGSSRKHYGRSVNYADGTGQTIIVWYSATAEQFAESY\*GATVYVATHSLGH\*AAPGKSHGCGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IYR\*DLE\*HDLDAVGKRN\*QLHKLNIHLN\*KIAKPARKE\*ARIIRIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYHIFYSK\*S\*AGIFTIIVTDPPPNPEGTRQARRNRRRRWRERQRHIRWI

>B.2007.JF320014.-

MDPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQKCFLTKGLGIYYGRKKRRQRRRHPQDSQTHQASLSKQ\*VVYVMTTLYILGIVALVVASILAIVVWSIVYIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDM\*CYRKVVGHSLLWGTCVERNNYHSILCIRC\*SIQNRGT\*CLGHTCLCTHRPQPTRNSIGKCDRIFQHVEK\*HGRTNA\*GCN\*FMGSKSKAMCKVNSTLCYIKLH\*VEK\*N\*\*\*\*GYK\*HHQ\*\*NEKLFFQCHSTLKR\*GKDRICTSL\*T\*YNTNKGE\*\*\*YQL\*VDKL\*YLSHYSGLSKGIL\*TNSHTLLYPSWFCDYKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ANSVNPVAVKWQSSRRRGSN\*I\*KFHKQC\*NYNSTVEQNCSN\*LYKTQQQYKEKYKYRTRESMVCNRRHNRKYKTSTL\*H\*SKKLE\*HFTPGSRKITSTIRE\*NNSL\*SILRRGPRNCNAHL\*LWRGIFLL\*YNKTV\*\*YLV\*\*WYLDWY\*\*NK\*Q\*YYHTPMQNKTNCKHVAGSRKSNVCPSHQRSNQMYIKYYRAAISKRWRPTEQYWERD\*GLQTFRRKYEGQLEE\*II\*I\*SSKN\*TIRNSAH\*GKEKSGAKRKESSRTRSCVPWVLGSSRKHYGRSVNYADGTGQTIIVWYSATAEQFAESY\*GATVYVATHSLGH\*AAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IYR\*DLE\*HDLDAVGKRN\*QLHRLNIHLN\*KIAKPARKE\*TRIIRIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYHIFYSK\*S\*AGIFTIIVTDPPPNPEGTRQARRNRRRRWRERQRHIRWI

>B.2007.JF320015.-

MDPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQKCFLTKGLGIYYGRKKRRQRRRHPQDSQTHQASLSKQ\*VVYVMTTLYILGIVALVVASILAIVVWSIVYLEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDM\*CYRKVVGHSLLWGTCVERNNYHSILCIRC\*SIQNRGT\*CLGHTCLCTHRPQPTRNSIGKCDRIFQHVEK\*HGRTNA\*GCNQFMGSKSKAMCKVNSTLCYLKLH\*VEK\*Y\*GYK\*HHQ\*\*NEKLFFQCHSTLKR\*GKDRICTSL\*T\*YNTNKGE\*\*\*YQL\*VDKL\*YLSHTQACPKVSFEPIPIHYCTPAGFAIIKCNDKKFNGTGPCKNVSTVQCTHGIRPTVSTQLLLNGSLAEEEVVIRSENFTNNAKTIIVQLNKTVVINCTRPNNNTRKSINIGPGRAWYATGDIIGDIRQAHCNINQTSWNNTLHLVVEKLRVQLGNKTIVFNQSSGGDPEIVMHTFNCGGEFFYCNTTKLFNSTWYSNGTWTGTNETNNNNTITLPCRIRQIVNMWQEVGKAMYAPPIKGVIRCTSNITGLLLVRDGGQQNNTGNETEVFRPSGGNMKDNWRSELYKYKVVRIEPLGIAPTRAKRRVVQREKRAVGLGAVFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQYMLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNASWSNKSINEIWNNMTWMQWEKEIDNYTGLIYTLIEKSQNQQEKNEQELLELDKWASLWNWFDITSWLWYIKIFIMIVGGLIGLRIVFTIFSIVNRVRQGYSPLSLQTHLPTPRGLDRPGGIEEEGGGRDRDTSGGL

>B.2007.JF320016.-

MDPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQKCFLTKGLGIYYGRKKRRQRRRHPQDSQTHQASLSKQ\*VVYVMTTLYILGIVALVVASILAIVVWSIVYLEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDM\*CYRQVVGHSLLWGTCVERNNYHSILCIRC\*SIQNRGT\*CLGHTCLCTHRPQPTRNSIGKCDRIFQHVEK\*HGRTNA\*GCNQFMGSKSKAMCKVNSTLCYLKLH\*VEK\*Y\*\*\*\*CYR\*HQ\*QYFFHQ\*\*NEKLFFQCHSTLKR\*GKDRICTSL\*T\*YNTNKGE\*\*\*YQL\*VDKL\*YLSHYSGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ANSVNPVAVKWQSSRRRGSN\*I\*KFHKQC\*NYNSTVEQNCSN\*LYKTQQQYKEKYKYRTRESMVCNRRHNRRYKTSTL\*H\*SNKLE\*HFTPGSRKITSTIRE\*NNSL\*SILRRGPRNCNAHL\*LWRGIFLL\*YNKTV\*\*YLV\*\*WYLDWY\*\*NK\*Q\*YYHTPMQNKTNCKHVAGSRKSNVCPSHQRSNQMYIKYYRAAISKRWRPTEQYWERD\*GLQTFRRKYEGQLEE\*II\*I\*SSKN\*TIRNSAH\*GKEKSGAKRKESSRTRSCVPWVLGSSRKHYGRSVNYADGTGQTIIVWYSATAEQFAESY\*GATVYVATHSLGH\*AAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IYR\*DLE\*HDLDAVGKRN\*QLHKLNIHLN\*KIAKPARKE\*TRIIRIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYHIFYSK\*S\*AGIFTIIVTDPPPNPEGTRQARRNRRRRWRERQRHIRWI

>B.2007.JF320017.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKTCCYHCQLCFVTKGLGISYGRKKRRQRRAAPQDSKTHQDSLSKQ\*VVHVMNTLGIVAIVALIVAGILAIIVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVERGHLAPWDIND\*\*CCRARVGHNLLWGTCVERSNHYSLLCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HMEK\*HGRTDAGGYNQLMGSKPKAMCKINSTLCYFKLL\*HKRQQQYGRDGERRNEKLLFQYRQVKR\*GTCNF\*\*S\*CSKNKW\*\*\*\*\*\*CYL\*VDKL\*HLSHYTGLSKDNL\*ANSHTLLCPGRVCDYKV\*\*\*KVQWNRTM\*KC\*HSAVYTWN\*ASSVNSVAVKWQSSRRRYSN\*VCQSFKQC\*KHNSTAE\*ICSY\*LYKT\*\*QYKKKYTCRTRESIIYNRHNRGYKTSILYH\*\*TKLD\*HFTTDKYKIKRAFWE\*DNSL\*KCLRRGPRNCNAQF\*L\*RGIFLLQYNITV\*WYLV\*\*Y\*\*\*YCRNHYWE\*YNHTSMQNKTNYKLVAGSRKSNVCPSHRRTN\*LFIEYYGAAINKRWW\*\*QEHRQ\*\*\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIGSSTHQGKEKSGAERKKSSRTRSFVPWVLGSSRKHYGRSITNADGTSQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPGNVGLLWKTHLHHYCALEY\*LE\*\*VSGSNLE\*HDLDGVGKRN\*QLHRHNI\*LN\*RIADPTRKE\*TRIIEIKSMGKFVELV\*HIKLAVVYKNIHNDSRRLSRLKNNFCCTFYSE\*S\*AGILTVIVSDPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2007.JF320018.-

MEPVDPRLEPWKHPGSQPVTPCTKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRADQDSAAHQANLSKQ\*VVHVMQPLQIAAIVALVVVAIIAIIVWSIVIIEYRKILRQRRIDRLLDRIGERAEDSGNESEGDQEELSALMEMGHHAPWDIDDL\*CCRT\*CFRTIVGHSLLWGTCVERSNHHSILCIRC\*RI\*SRGT\*CLGHTCLCTHRPQPTRNSIGKCNREF\*HVEK\*HGRPDA\*RYNQFMGSKPKAMCKINPTLCYFKLL\*C\*E\*H\*\*\*CHWGDGQRGNEELLFQYYHKYK\*\*EAKRICTVL\*T\*YNTNG\*\*\*Y\*L\*VNKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWIRNM\*KCQHSTMYTWNQASSINSIAVKWQSSRRRGNN\*I\*KSHGQY\*NHNSTAE\*LCKN\*LYKTQ\*QYKKKYTSGTRENMVCNRRNNRRYKTSTL\*C\*\*\*RLE\*NFNMDS\*QIKRTLYKQNNSL\*SILRRRSRNSTAHF\*LWRGIFLL\*LYTAV\*\*YLELE\*YYRDK\*HGRKFQYHTPMQNKTNCKHVADSRKSNVCPSHQRTN\*MFIKYYRTNINKRWWKK\*\*Y\*\*HRNLQTRRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNGSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*SAASY\*GATASVATHSLGHQTAPGKSPGCGKIPKGPTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISK\*HLG\*HDLDAVGKRN\*QLHKLNILLN\*RIAKPTRKK\*TRIISIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRHIREI

>B.2007.JF320019.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKECCYHCQLCFVTKGLGISYGRKKRRQRRAAPQDSKTHQDSLSKQ\*VVHVMNTLGIVAIVALIVAGILAIIVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEXGHLAPWDIND\*\*CCRARVGHNLLWGTCVERSNHYSLLCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HMEK\*HGRTDAGGYNQLMGSKPKAMCKINSTLCYFKLL\*HKRQQQYGRDGERRNEKLLFQYRQVKR\*GTCNF\*\*S\*CSKNKW\*\*\*\*\*\*CYL\*VDKL\*HLSHYTGLSKDNL\*ANSHTLLCPGRVCDYKV\*\*\*KVQWNRTM\*KC\*HSAVYTWN\*ASSVNSVAVKWQSSRRRYSN\*VCQSFKQC\*KHNSTAE\*ICSY\*LYKT\*\*QYKKKYTCRTRESIIYNRHNRGYKTSILYH\*\*TKLD\*HFTTDKYKIKRAFWE\*DNSL\*KCLRRGPRNCNAQF\*L\*RGIFLLQYNITV\*WYLV\*\*Y\*\*\*YCRNHYWE\*YNHTSMQNKTNYKLVAGSRKSNVCPSHRRTN\*LFIEYYGAAINKRWW\*\*QQHRQ\*\*\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIGSSTHQGKEKSGAERKKSSRTRSFVPWVLGSSRKHYGRSITNADGTSQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPGNVGLLWKTHLHHYCALEY\*LE\*\*VSGSNLE\*HDLDGVGKRN\*QLHRHNI\*LN\*RIADPTRKE\*TRIIEIKSMGKFVELV\*HIKLAVVYKNIHNDSRRLSRLKNNFCCTFYSE\*S\*AGILTVIVSDPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2007.JF320020.-

MEPVDPRLEPWKHPGSQPVTPCTKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRADQDSAAHQANLSKQ\*VVHVMQPLQIAAIVALVVVAIIAIIVWSIVIIEYRKILRQRRIDRLLDRIGERAEDSGNESEGDQEELSALMEMGHHAPWDIDDL\*CCRT\*CFRTIVGHSLLWGTCVERSNHHSILCIRC\*RI\*SRGT\*CLGHTCLCTHRPQPTRNSIGKCNREF\*HVEK\*HGRPDA\*RYNQFMGSKPKAMCKINPTLCYFKLL\*C\*E\*H\*\*\*CHWGDGQRGNEELLFQYYHKHK\*\*EAKRICTVL\*T\*YNTNG\*\*\*Y\*L\*VNKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKM\*\*\*EVQWIRNM\*KCQHSTMYTWNQASSINSIAVKWQSSRRRGNN\*I\*KSHGQY\*NHNSTAE\*LCKN\*LYKTQ\*QYKKKYTSGTRENMVCNRRNNRRYKTSTL\*C\*\*\*RLE\*NFNMDS\*QIKRTLYKQNNSL\*SILRRRSRNSTAHF\*LWRGIFLL\*LYTAV\*\*YLELE\*YYRDK\*HGRNFQYHTPMQNKTNCKHVADSRKSNVCPSHQRTN\*MFIKYYRADINKRWWKK\*\*Y\*\*HRNLQTRRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNGSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*SAASY\*GATASVATHSLGHQTAPGKSPGCGKIPKGPTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISK\*HLG\*HDLDAVGKRN\*QLHKLNILLN\*RIAKPTRKK\*TRIISIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRHIREI

>B.2007.JF320021.-

MEPVDPRLEPWKHPGSQPVTPCTKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRADQDSAAHQANLSKQ\*VVHVMQPLQIAAIVALVVVAIIAIIVWSIVIIEYRKILRQRRIDRLLDRIGERAEDSGNESEGDQEELSALMEMGHHAPWDIDDL\*CCRT\*CFRTIVGHSLLWGTCVERSNHHSILCIRC\*RI\*SRGT\*CLGHTCLCTHRPQPTRNSIGKCNREF\*HVEK\*HGRPDA\*RYNQFMGSKPKAMCKINPTLCYFKLL\*C\*E\*H\*\*\*CHWGDGQRGNEELLFQYYHKHK\*\*EAKRICTVL\*T\*YNTNG\*\*\*Y\*L\*VNKL\*HLSHYTGLSKDIL\*ANSHTLLCPGGFCDSKM\*\*\*EVQWIRNM\*KCQHSTMYTWNQASSINSIAVKWQSSRRRGNN\*I\*KSHGQY\*NHNSTAE\*LCKN\*LYKTQ\*QYKKKYTSGTRENMVCNRRNNRRYKTSTL\*C\*\*\*RLE\*NFNMDS\*QIKRTLYKQNNSL\*SILRRRSRNSTAHF\*LWRGIFLL\*LYTAV\*\*YLELE\*YYRDK\*HGRNFQYHTPMQNKTNCKHVADSRKSNVCPSHQRTN\*MFIKYYRADINKRWWKK\*\*Y\*\*HRNLQTRRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNGSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*SAASY\*GATASVATHSLGHQTAPGKSPGCGKIPKGPTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISK\*HLG\*HDLDAVGKRN\*QLHKLNILLN\*RIAKPTRKK\*TRIISIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRFDRFKNSFYCTFYSK\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRHIREI

>B.2007.JF320022.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKTCCYHCQLCFVTKGLGISYGRKKRRQRRAAPQDSKTHQDSLSKQ\*VVHVMNTLGIVAIVALIVAGILAIIVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEKGHLAPWDIND\*\*CCRARVGHNLLWGTCVERSNHYSLLCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HMEK\*HGRTDAGGYNQLMGSKPKAMCKINSTLCYFKLL\*HKRQQQYGRDGERRNEKLLFQYRQVKR\*GTCNF\*\*S\*CSKNKW\*\*\*\*\*\*CYL\*VDKL\*HLSHYTGLSKDNL\*ANSHTLLCPGRVCDYKV\*\*\*KVQWNRTM\*KC\*HSAVYTWN\*ASSVNSVAVKWQSSRRRYSN\*VCQSFKQC\*KHNSTAE\*ICSY\*LYKT\*\*QYKKKYTCRTRESIIYNRHNRGYKTSILYH\*\*TKLD\*HFTTDKYKIKRAFWE\*DNSL\*KCLRRGPRNCNAQF\*L\*RGIFLLQYNITV\*WYLV\*\*Y\*\*\*YCRNHYWE\*YNHTSMQNKTNYKLVAGSRKSNVCPSHRRTN\*LFIEYYGAAINKRWW\*\*QQHRQ\*\*\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIGSSTHQGKEKSGAERKKSSRTRSFVPWVLGSSRKHYGRSITNADGTSQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPGNVGLLWKTHLHHYCALEY\*LE\*\*VSGSNLE\*HDLDGVGKRN\*QLHRHNI\*LN\*RIADPTRKE\*TRIIEIKSMGKFVELV\*HIKLAVVYKNIHNDSRRLSRLKNNFCCTFYSE\*S\*AGILTVIVSDPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2007.JF320023.-

MEPVDPRLEPWKHPGSQPVTPCTKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRADQDSAAHQANLSKQ\*VVHVMQPLQIAAIVALVVVAIIAIIVWSIVIIEYRKILRQRRIDRLLDRIGERAEDSGNESEGDQEELSALMEMGHHAPWDIDDL\*CCRT\*CFRTIVGHSLLWGTCVERSNHHSILCIRC\*RI\*SRGT\*CLGHTCLCTHRPQPTRNSIGKCNREF\*HVEKWHGRPDA\*RYNQFMGSKPKAMCKINPTLCYFKLL\*C\*E\*H\*\*\*CHWGDGQRGNEELLFQYYHKHK\*\*EAKRICTVL\*T\*YNTNG\*\*\*Y\*L\*VNKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWIRNM\*KCQHSTMYTWNQASSINSIAVKWQSSRRRGNN\*I\*KSHGQY\*NHNSTAE\*LCKN\*LYKTQ\*QYKKKYTSGTRENMVCNRRNNRRYKTSTL\*C\*\*\*RLE\*NFNMDS\*QIKRTLYKQNNSL\*SILRRRSRNSTAHF\*LWRGIFLL\*LYTAV\*\*YLELE\*YYRDK\*HGRKFQYHTPMQNKTNCKHVADSRKSNVCPSHQRTN\*MFIKYYRADINKRWWKK\*\*Y\*\*HRNLQTRRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNGSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*SAASY\*GATASVATHSLGHQTAPGKSPGCGKIPKGPTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISK\*QLG\*HDLDAVGKRN\*QLHKLNILLN\*RIAKPTRKK\*TRIISIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRHIREI

>B.2007.JF320024.-

MEPVDPRLEPWKHPGSQPVTPCTKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRADQDSAAHQANLSKQ\*VVHVMQPLQIAAIVALVVVAIIAIIVWSIVIIEYRKILRQRRIDRLLDRIGERAEDSGNESEGDQEELSALMEMGHHAPWDIDDL\*CCRT\*CFRTIVGHSLLWGTCVERSNHHSILCIRC\*RI\*SRGT\*CLGHTCLCTHRPQPTRNSIGKCNREF\*HVEK\*HGRPDA\*RYNQFMGSKPKAMCKINPTLCYFKLL\*C\*E\*H\*\*\*CHWGDGQRGNEELLFQYYHKHK\*\*EAKRICTVL\*T\*YNTNG\*\*\*Y\*L\*VNKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWIRNM\*KCQHSTMYTWNQASSINSIAVKWQSSRRRGNN\*I\*KSHGQY\*NHNSTAE\*LCKN\*LYKTQ\*QYKKKYTSGTRENMVCNRRNNRRYKTSTL\*C\*\*\*RLE\*NFNMDS\*QIKRTLYKQNNSL\*SILRRRSRNSTAHF\*LWRGIFLL\*LYTAV\*\*YLELE\*YYRDK\*HGRNFQYHTPMQNKTNCKHVADSRKSNVCPSHQRTN\*MFIKYYRADINKRWWKK\*\*Y\*\*HRNLQTRRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNGSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*SAASY\*GATASVATHSLGHQTAPGKSPGCGKIPKGPTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISK\*HLG\*HDLDAVGKRN\*QLHKLNILLN\*RIAKPTRKK\*TRIISIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRHIREI

>B.2007.JF320025.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKECCYHCQLCFVTKGLGISYGRKKRRQRRAAPQDSKTHQDSLSKQ\*VVHVMNTLGIVAIVALIVAGILAIIVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEKGHLAPWDIND\*\*CCRARVGHNLLWGTCVERSNHYSLLCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HMEK\*HGRTDAGGYNQLMGSKPKAMCKINSTLCYFKLL\*HKRQQQYGRDGERRNEKLLFQYRQVKR\*GTCNF\*\*S\*CSKNKW\*\*\*\*\*\*CYL\*VDKL\*HLSHYTGLSKDNL\*ANSHTLLCPGRVCDYKV\*\*\*KVQWNRTM\*KC\*HSAVYTWN\*ASSVNSVAVKWQSSRRRYSN\*VCQSFKQC\*KHNSTAE\*ICSY\*LYKT\*\*QYKKKYTCRTRESIIYNRHNRGYKTSILYH\*\*TKLD\*HFTTDKYKIKRAFWE\*DNSL\*KCLRRGPRNCNAQF\*L\*RGIFLLQYNITV\*WYLV\*\*Y\*\*\*YCRNHYWE\*YNHTSMQNKTNYKLVAGSRKSNVCPSHRRTN\*LFIEYYGAAINKRWW\*\*QQHRQ\*\*\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIGSSTHQGKEKSGAERKKSSRTRSFVPWVLGSSRKHYGRSITNADGTSQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPGNVGLLWKTHLHHYCALEY\*LE\*\*VSGSNLE\*HDLDGVGKRN\*QLHRHNI\*LN\*RIADPTRKE\*TRIIEIKSMGKFVELV\*HIKLAVVYKNIHNDSRRLSRLKNNFCCTFYSE\*S\*AGILTVIVSDPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2007.JF320026.-

MEPVDPRLEPWKHPGSQPVTPCTKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRADQDSAAHQANLSKQ\*VVHVMQPLQIAAIVALVVVAIIAIIVWSIVIIEYRKILRQRRIDRLLDRIGERAEDSGNESEGDQEELSALMEMGHHAPWDIDDL\*CCRT\*CFRTIVGHSLLWGTCVERSNHHSILCIRC\*RI\*SRGT\*CLGHTCLCTHRPQPTRNSIGKCNREF\*HVEK\*HGRPDA\*RYNQFMGSKPKAMCKINPTLCYFKLL\*C\*E\*H\*\*\*CHWGDGQRGNEKLLFQYYHKHK\*\*EAKRICTVL\*T\*YNTNG\*\*\*Y\*L\*VNKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWIRNM\*KCQHSTMYTWNQASSINSIAVKWQSSRRRGNN\*IRKSHGQY\*NHNSTAE\*LCKN\*LYKTQ\*QYKKKYTSGTRENMVCNRRNNRRYKTSTL\*C\*\*\*RLE\*NFNMDS\*QIKRTLYKQNNSL\*SILRRRSRNSTAHF\*LWRGIFLL\*LYTAV\*\*YLELE\*YYRDK\*HGRKCQYHTPMQNKTNCKHVADSRKSNVCPSHQRTN\*MFIKYYRADINKRWWKK\*\*Y\*\*HRNLQTRRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNGSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*SAASY\*GATASVATHSLGHQTAPGKSPGCGKIPKGPTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISK\*HLG\*HDLDAVGKRN\*QLHKLNILLN\*RIAKPTRKK\*TRIISIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRHIREI

>B.2007.JF320027.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKKCCYHCQLCFVTKGLGISYGRKKRRQRRAAPQDSKTHQDSLSKQ\*VVHVMNTLGIVAIVALIVAGILAIIVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVERGHLAPWDIND\*\*CCRARVGHNLLWGTCVERSNHYSLLCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HMEK\*HGRTDAGGYNQLMGSKPKAMCKINSTLCYFKLL\*HKRQQQYGRDGERRNEKLLFQYRQVKR\*GTCNF\*\*S\*CSKNKW\*\*\*\*\*\*CYL\*VDKL\*HLSHYTGLSKDNL\*ANSHTLLCPGRVCDYKV\*\*\*KVQWNRTM\*KC\*HSAVYTWN\*ASSVNSVAVKWQSSRRRYSN\*VCQSFKQC\*KHNSTAE\*ICS\*\*LYKT\*\*QYKKKYTCRTRESIIYNRHNRGYKTSILYH\*\*TKLD\*HFTTDKYKIKRAFWE\*DNSL\*KCLRRGPRNCNAQF\*L\*RGIFLLQYNITV\*WYLV\*\*Y\*\*\*YCRNHYWE\*YNHTSMQNKTNYKLVAGSRKSNVCPSHRRTN\*LFIEYYGAAINKRWW\*\*QQHRQ\*\*\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIGSSTHQGKEKSGAERKKSSRTRSFVPWVLGSSRKHYGRSITNADGTSQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPGNVGLLWKTHLHHYCALEY\*LE\*\*VSGSNLE\*HDLDGVGKRN\*QLHRHNI\*LN\*RIADPTRKE\*TRIIEIKPMGKFVELV\*HIKLAVVYKNIHNDSRRLSRLKNNFCCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2007.JF320028.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRAPQDSETHQGYLSKQ\*VIYVMQALTILAIVALVVVAIIAIIVWTIVIIEYRKLLRQRKIDRLLQRISERAEDSGNESDGDQEELSAIVERGHLAPWDIND\*YCYIIVGHSILWGTCVERSRYHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDA\*GHNQFMGSKPKAMCKINSPLC\*VKLH\*C\*FE\*HCAGQ\*YQNRGRRNKKLLFQYHIKRGGEGADRLCTFF\*T\*YSKI\*Q\*\*L\*VNRL\*HLSH\*TGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*ICQSLGKCQNHNSTPE\*ICSN\*LYKTQQQYKKKCTHRTRAGTLYRRHNRKYKTSTLQH\*\*KSME\*HFTTNS\*KITRTI\*E\*NNSL\*SILRRGPRNCNAQF\*L\*RGIFLL\*YNKII\*\*YVE\*EWELE\*Y\*LVK\*HYHTPMQNKTNYTHVAGGRTSNICPSHQRTNQMFIKHYRAITNKRWWYREQ\*H\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSSGIRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAASGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*NLGEHDLDAVGKRN\*QLHRLNILFN\*RIAKPTRKE\*KRIIGVRSMGKFVELV\*HIKVAVVYKNIHNDSRRLGRFKNSFXCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2007.JF320029.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRAPQDSETHQGYLSKQ\*VIYVMQALTILAIVALVVVAIIAIIVWTIVIIEYRKLLRQRKIDRLLQKISERAEDSGNESDGDQEELSALVERGHLAPWDIND\*YCYIIVGHSILWGTCVERSRYHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDA\*GHNQFMGSKPKAMCKINSPLC\*VKLH\*C\*FE\*HGAGQ\*YQNRGRRNKKLLFQYHIKRGGEGADRLCTFF\*T\*YSKI\*Q\*\*L\*VNRL\*HLSH\*TGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*ICQSLGKCQNHNSTPE\*ICSN\*LYKTQQQYKKKCTHRTRAGTLYRRHNRKYKTSTLQH\*\*KSME\*HFTTNS\*KITRTI\*K\*NNSL\*SILRRGPRNCNAQF\*L\*RGIFLL\*YNKII\*\*YVE\*EWELE\*Y\*LVK\*HYHTPMQNKTNYTHVAGGRTSNICPSHQRTNQMFIKHYRAITNKRWWYREQ\*H\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSSGIRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAASGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*NLGEHDLDAVGKRN\*QLHRLNILFN\*RIAKPTRKE\*KRIIGVRSMGKFVELV\*HIKVAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2007.JF320030.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKTCCYHCQLCFVTKGLGISYGRKKRRQRRAAPQDSKTHQDSLSKQ\*VVHVMNTLGIVAIVALIVAGILAIIVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEKGHLAPWDIND\*\*CCRARVGHNLLWGTCVERSNHYSLLCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HMEK\*HGRTDAGGYNQLMGSKPKAMCKINSTLCYFKLL\*HKRQQQYGRDGERRNEKLLFQYRQVKR\*GTCNF\*\*S\*CSKNKW\*\*\*\*\*\*CYL\*VDKL\*HLSHYTGLSKDNL\*ANSHTLLCPGRVCDYKV\*\*\*KVQWNRTM\*KC\*HSAVYTWN\*ASSVNSVAVKWQSSRRRYSN\*VCQSFKQC\*KHNSTAE\*ICSY\*LYKT\*\*QYKKKYTCRTRESIIYNRHNRGYKTSILYH\*\*TKLD\*HFTTDKYKIKRAFWE\*DNSL\*KCLRRGPRNCNAQF\*L\*RGIFLLQYNITV\*WYLV\*\*Y\*\*\*YCRNHYWE\*YNHTSMQNKTSYKLVAGSRKSNVCPSHRRTN\*LFIEYYGAAINKRWW\*\*QQHRQ\*\*\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIGSSTHQGKEKSGAERKKSSRTRSFVPWVLGSSRKHYGRSITNADGTSQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPGNVGLLWKTHLHHYCALEY\*LE\*\*VSGSNLE\*HDLDGVGKRN\*QLHRHNI\*LN\*RIADPTRKE\*TRIIEIKSMGKFVELV\*HIKLAVVYKNIHNDSRRLSRFKNNFCCTFYSE\*S\*AGILTVIVSDPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2007.JF320031.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRAPQDSETHQGYLSKQ\*VIYVMQALTILAIVALVVVAIIAIIVWTIVIIEYRKLLRQRKIDRLLQRISERAEDSGNESDGDQEELSALVERGHLAPWDIND\*YCYIIVGHSILWGTCVERSRYHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDA\*GHNQFMGSKPKAMCKINSPLC\*VKLH\*C\*FE\*HCAGQ\*YQNRGRRNKKLLFQYHIKRGGEGADRLCTFF\*T\*YSKI\*Q\*\*L\*VNRL\*HLSH\*TGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*ICQSLGKCQNHNSTPE\*ICSN\*LYKTQQQYKKKCTHRTRAGTLYRRHNRKYKTSTLQH\*\*KSME\*HFTTNS\*KITRTI\*E\*NNSL\*SILRRGPRNCNAQF\*L\*RGIFLL\*YNKII\*\*YVE\*EWELE\*Y\*LVK\*HYHTPMQNKTNYTHVAGGRTSNICPSHQRTNQMFIKHYRAITNKRWWYREQ\*H\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSSGIRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAASGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*NLGEHDLDAVGKRN\*QLHRLNILFN\*RIAKPTRKE\*KRIIGVRSMGKFVELV\*HIKVAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2007.JF320032.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRAPQDSETHQGYLSKQ\*VIYVMQALTILAIVALVVVAIIAIIVWTIVIIEYRKLLRQRKIDRLLQRISERAEDSGNESDGDQEELSALVERGHLAPWDVND\*YCYIIVGHSILWGTCVERSRYHSILCIRC\*GI\*YRGT\*CLGRTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDA\*GHNQFMGSKPKAMCKINSPLC\*VKLH\*C\*FE\*HCAGQ\*YQNRGRRNKKLLFQYHIKRGGEGADRLCTFF\*T\*YSKI\*Q\*\*L\*VNRL\*HLSH\*TGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*ICQSLGKCQNHNSTPE\*ICSN\*LYKTQQQYKKKCTHRTRAGTLYRRHNRKYKTSTLQH\*\*KSME\*HFTTNS\*KITRTI\*E\*NNSL\*SILRGGPRNCNAPF\*L\*RGIFLL\*YNKII\*\*YVE\*EWELE\*Y\*LVK\*HYHTPMQNKTNYTHVAGGRTSNICPSHQRTNQMFIKHYRAITNKRWWYREQ\*H\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSSGIRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAASGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*NLGEHDLDAVGKRN\*QLHRLNILFN\*RIAKPTRKG\*KRIIGVRSMGKFVELV\*HIKVAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2007.JF320033.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKTCCYHCQLCFVTKGLGISYGRKKRRQRRAAPQDSKTHQDSLSKQ\*VVHVMNTLGIVAIVALIVAGILAIIVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEKGHLAPWDIND\*\*CCRARVGHNLLWGTCVERSNHYSLLCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HMEK\*HGRTDAGGYNQLMGSKPKAMCKINSTLCYFKLL\*HKRQQQYGRDGERRNEKLLFQYRQVKR\*GTCNF\*\*S\*CSKNKW\*\*\*\*\*\*CYL\*VDKL\*HLSHYTGLSKDNL\*ANSHTLLCPGRVCDYKV\*\*\*KVQWNRTM\*KC\*HSAVYTWN\*ASSVNSVAVKWQSSRRRYSN\*VCQSFKQC\*KHNSTAE\*ICSY\*LYKT\*\*QYKKKYTCRTRESIIYNRHNRGYKTSILYH\*\*TKLD\*HFTTDKYKIKRAFWE\*DNSL\*KCLRRGPRNCNAQF\*L\*RGIFLLQYNITV\*WYLV\*\*Y\*\*\*YCRNHYWE\*YNHTSMQNKTNYKLVAGSRKSNVCPSHRRTN\*LFIEYYGAAINKRWW\*\*QQHRQ\*\*\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIGSSTHQGKEKSGAERKKSSRTRSFVPWVLGSSRKHYGRSITNADGTSQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPGNVGLLWKTHLHHYCALEY\*LE\*\*VSGSNLE\*HDLDGVGKRN\*QLHRHNI\*LN\*RIADPTRKE\*TRIIEIKSMGKFVELV\*HIKLAVVYKNIHNDSRRLSRLKNNFCCTFYSE\*S\*AGILTVIVSDPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2007.JF320034.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKTCCYHCQLCFVTKGLGISYGRKKRRQRRAAPQDSKTHQDSLSKQ\*VVHVMNTLGIVAIVALIVAGILAIIVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEKGHLAPWDIND\*\*CCRARVGHNLLWGTCVERSNHYSLLCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HMEK\*HGRTDAGGYNQLMGSKPKAMCKINSTLCYFKLL\*HKRQQQYGRDGERRNEKLLFQYRQVKR\*GTCNF\*\*S\*CSKNKW\*\*\*\*\*\*CYL\*VDKL\*HLSHYTGLSKDNL\*ANSHTLLCPGRVCDYKV\*\*\*KVQWNRTM\*KC\*HSAVYTWN\*ASSVNSVAVKWQSSRRRYSN\*VCQSFKQC\*KHNSTAE\*ICSY\*LYKT\*\*QYKKKYTCRTRESIIYNRPNRGYKTSILYH\*\*TKLD\*HFTTDKYKIKRAFWE\*DNSL\*KCLRRGPRNCNAQF\*L\*RGIFLLQYNITV\*WYLV\*\*Y\*\*\*YCRNHYWE\*YNHTSMQNKTNYKLVAGSRKSNVCPSHRRTN\*LFIEYYGAAINKRWW\*\*QQHRQ\*\*\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIGSSTHQGKEKSGAERKKSSRTRSFVPWVLGSSRKHYGRSITNADGTSQTIIVWYSATAEQFAEGY\*GATAFVATHSLGHQAAPGKSPGCGKIPTGSTAPGNVGLLWKTHLHHYCALEY\*LE\*\*VSGSNLE\*HDLDGVGKRN\*QLHRHNI\*LN\*RIADPTRKE\*TRIIEIKPMGKFVELV\*HIKLAVVYKNIHNDSRRLSRLKNNFCCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2007.JF320035.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKECCYHCQLCFVTKGLGISYGRKKRRQRRAAPQDSKTHQDSLSKQ\*VVHVMNTLGIVAIVALIVAGILAIIVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVERGHLAPWDIND\*\*CCRARVGHNLLWGTCVERSNHYSLLCLRC\*SI\*YRGT\*YLGHTCLCTHRPQPTRSIIGKCDRKF\*HMEK\*HGRTDAGGYNQLMGSKPKAMCKINSTLCYFKLL\*HKRQQQYGRDGERRNEKLLFQYRQVKR\*GTCNF\*\*S\*CSKNKW\*\*\*\*\*\*CYL\*VDKL\*HLSHYTGLSKDNL\*ANSHTLLCPGRVCDYKV\*\*\*KVQWNRTM\*KC\*HSAVYTWN\*ASSVNSVAVKWQSSRRRYSN\*VCQSFKQC\*KHNSTAE\*ICSY\*LYKT\*\*QYKKKYTCRTRESIIYNRHNRGYKTSILYH\*\*TKLD\*HFTTDKYKIKRAFWE\*DNSL\*KCLRRGPRNCNAQF\*L\*RGIFLLQYNITV\*WYLV\*\*Y\*\*\*YCRNHYWE\*YNHTSMQNKTNYKLVAGSRKSNVCPSHRRTN\*LFIEYYGAAINKRWW\*\*QQHRQ\*\*\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIGSSXHQGKEKSGAERKKSSRTRSFVPWVLGSSRKHYGRSITNADGTSQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPGNVGLLWKTHLHHYCALEY\*LE\*\*VSGSNLE\*HDLDGVGKRN\*QLHRHNI\*LN\*RIADPTRKE\*TRIIEIKSMGKFVELV\*HIKLAVVYKNIHNDSRRLSRLKNNFCCTFYSE\*S\*AGILTVIVSDPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2006.JF320036.-

MDPVDPRLAPWQHPGSQPKTACTNCYCKACCLHCQVCFTRKGLGISYGRKKRRQRRRTPQDSQTNQEDLPKQ\*VVHVMQALVIGSIVALVIVAIIAIVVWSIVILEYRKILRQRKIDSIIDRIIERAEDSGNESEGDQEELAVLMEMGHHAPWAVNDL\*CYRKIVGHSLLWGTCMERSHYHSILCIRG\*SI\*YRGT\*CLGYTCLCAHRSQPTRSSIGKCDRKL\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LFE\*YY\*DYQ\*Y\*GYQY\*\*RGKDGARGNKKLLFQYHHKHRR\*EAERICIVL\*T\*CSTNR\*G\*\*Y\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWDRAMSQCQHSTMYTWN\*ASSINSTVVKWQSSRRRCSN\*I\*KFHEQC\*DHNSTAK\*ICTN\*LYKTQQQYKKRYTYRTRECILYNRRNNRKYKTSTL\*H\*\*RKME\*YFKTDSRKIKRTIWEE\*NNSL\*SILRRGPRNCNTQF\*LWRRIFLL\*YNTAV\*Y\*\*YTTV\*\*YLE\*YRRAKHKKYHTPMQNKTNYKHVAASRKSNVCPSHQRTN\*MYIKYYRAAVNKRWWEDK\*E\*GK\*D\*DLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSGTRSIVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGHQTAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHHCCALEF\*LE\*\*ISGSDLE\*HDLDGLGKRN\*QLHRHNIQLT\*KLAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVYKNIHNDSRRPDRSKNSFFYTFYSK\*S\*AGIFTIVVSDPLPSPEGTRQARRNRRRRWRQRQKQIQDI

>B.2006.JF320038.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLKKGLGISHGRKKRRQRRTATRDSQTDQEALSKQ\*VLYVMQPLHVATIVALVVATIIAIVVWTIVLIEYRKILRQRRIDRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWNIDDL\*CCRQLVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIGKCNREV\*RVGKLHGRTNAGGYNQFVGSKPKAMCKINPTLCYFKLQ\*FDKY\*YY\*YYKY\*\*H\*VGGRARRNKKLFFQCYHKHKRQDADRICIAV\*T\*YSANG\*\*W\*E\*\*Q\*\*L\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RVQWKRRLYKCQHSTMHTWN\*ASSVNSITVKWQSSRRRYSN\*L\*QFHRQC\*NHNSTSE\*ICRN\*LYKTQQQYKKKYTSRTRESIFYNRRDNRRYKKSTL\*H\*\*SKLG\*NFKTNSYKIRRTI\*E\*NNSI\*SICRRGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*WY\*\*CYYRLKCHCHYTPM\*NKTNCKHVARSRKSNVCPSHQRKNQMFIKYYRAAINKRWWQRWELLE\*D\*DLQTWRRKYEGQLEE\*II\*I\*SSKS\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTG\*TIIVWYSATTEQSVEGY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPRDLGLLWKTHLLHYCALEC\*LE\*\*ISRTDLE\*HDLDGVGKRN\*QLHRPNIHLT\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIYNDSRRLGRFKNSFCCAFYSE\*S\*AGILTIVIADPPPSSEGTRQARRNRRRRWRARQRQIRSI

>B.2006.JF320039.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLKKGLGISHGRKKRRQRRTATRDSQTDQEALSKQ\*VLYVMQPLHVATIVALVVATIIAIVVWTIVLIEYRKILRQRRIDRLLDRIAEKAEDSGNESEGDQEELSALVERGHLAPWNIDDL\*CCRQLVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIGKCNREV\*RVGKLHGRTNAGGYNQFVGSKPKAMCKINPTLYYFKLQ\*FDKY\*YY\*YYKY\*\*H\*VGGRARRNKKLFFQCYHKHKRQDADRICIAV\*T\*YSANG\*\*W\*E\*\*Q\*\*L\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RVQWKRRLYKCQHSTMHTWN\*ASSVNSITVKWQSSRRRYSN\*L\*QFHRQC\*NHNSTSE\*ICRN\*LYKTQQQYKKKYTSRTRESIFYNRRDNRRYKKSTL\*H\*\*SKLG\*NFKTNSYKIRRTI\*E\*NNSI\*SICRRGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*WY\*\*CYYRLKCHCHYTPM\*NKTNCKHVARSRKSNVCPSHQRKNQMFIKYYRAAINKRWWQRWELLE\*D\*DLQTWRRKYEGQLEE\*II\*I\*SSKS\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTG\*TIIVWYSATTEQSVEGY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPRDLGLLWKTHLLHYCALEC\*LE\*\*ISRTDLE\*HDLDGVGKRN\*QLHRPNIHLT\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIYNDSRRLGRFKNSFCCAFYSE\*S\*AGILTIVIADPPPSSEGTRQARRNRRRRWRARQRQIRSI

>B.2006.JF320040.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLKKGLGISHGRKKRRQRRTATRDSQTDQEALSKQ\*VLYVMQPLHVATIVALVVATIIAIVVWTIVLIEYRKILRQRRIDRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWNIDDL\*CCRQLVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIGKCNREV\*RVGKLHGRTNAGGYNQFVGSKPKAMCKINPTLCYFKLQ\*FDKY\*YY\*YYKY\*\*H\*VGGRARRNKKLFFQCYHKHKRQDADRICIAV\*T\*YSANG\*\*W\*E\*\*Q\*\*L\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RVQWKRRLYKCQHSTMHTWN\*ASSVNSITVKWQSSRRRYSN\*L\*QFHRQC\*NHNSTSE\*ICRN\*LYKTQQQYKKKYTSRTRESIFYNRRDNRRYKKSTL\*H\*\*SKLG\*NFKTNSYKIRRTI\*E\*NNSI\*SICRRGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*WY\*\*CYYRLKCHCHYTPM\*NKTNCKHVARSRKSNVCPSHQRKNQMFIKYYRAAINKRWWQRWELLE\*D\*DLQTWRRKYEGQLEE\*II\*I\*SSKS\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTG\*TIIVWYSATTEQSVEGY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPRDLGLLWKTHLLHYCALEC\*LE\*\*ISRTDLE\*HDLDGVGKRN\*QLHRPNIHLT\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIYNDSRRLGRFKNSFCCAFYSE\*S\*AGILTIVIADPPPSSEGTRQARRNRRRRWRARQRQIRSI

>B.2006.JF320041.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLKKGLGISHGRKKRRQRRTATRDSQTDQEALSKQ\*VLYVMQPLHVATIVALVVATIIAIVVWTIVLIEYRKILRQRRIDRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWNIDDL\*CCRQLVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIGKCNREV\*RVGKLHGRTNAGGYNQFVGSKPKAMCKINPTLCYFKLQ\*FDKY\*YY\*YYKY\*\*H\*VGGRARRNKKLFFQCYHKHKRQDADRICIAV\*T\*YSANG\*\*W\*E\*\*Q\*\*L\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RVQWKRRLYKCQHSTMHTWN\*ASSVNSITVKWQSSRRRYSN\*L\*QFHRQC\*NHNSTSE\*ICRN\*LYKTQQQYKKKYTSRTRESIFYNRRDNRRYKKSTL\*H\*\*SKLG\*NFKTNSYKIRRTI\*E\*NNSI\*SICRRGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*WY\*\*CYYRLKCHCHYTPM\*NKTNCKHVARSRKSNVCPSHQRKNQMFIKYYRAAINKRWWQRWELLE\*D\*DLQTWRRKYEGQLEE\*II\*I\*SSKS\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTG\*TIIVWYSATTEQSVEGY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPRDLGLLWKTHLLHYCALEC\*LE\*\*ISRTDLE\*HDLDGVGKRN\*QLHRPNIHLT\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIYNDSRRLGRFKNSFCCAFYSE\*S\*AGILTIVIADPPPSSEGTRQARRNRRRRWRARQRQIRSI

>B.2006.JF320042.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLKKGLGISHGRKKRRQRRTATRDSQTDQEALSKQ\*VLYVMQPLHVATIVALVVATIIAIVVWTIVLIEYRKILRQRRIDRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWNIDDL\*CCRQLVGHSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIGKCNREV\*RVGKLHGRTNAGGYNQFVGSKPKAMCKINPTLCYFKLQ\*FDKY\*YY\*YYKY\*\*H\*VGGRARRNKKLFFQCYHKHKRQDADRICIAV\*T\*YSANG\*\*W\*E\*\*Q\*\*L\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RVQWKRRLYKCQHSTMHTWN\*ASSVNSITVKWQSSRRRYSN\*L\*QFHRQC\*NHNSTSE\*ICRN\*LYKTQQQYKKKYTSRTRESIFYNRRDNRRYKKSTL\*H\*\*SKLG\*NFKTNSYKIRRTI\*E\*NNSI\*SICRRGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*WY\*\*CYYRLKCHCHYTPM\*NKTNCKHVARSRKSNVCPSHQRKNQMFIKYYRAAINKRWWQRWELLE\*D\*DLQTWRRKYEGQLEE\*II\*I\*SSKS\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTG\*TIIVWYSATTEQSVEGY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPRDLGLLWKTHLLHYCALEC\*LE\*\*ISRTDLE\*HDLDGVGKRN\*QLHRPNIHLT\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIYNDSRRLGRFKNSFCCAFYSE\*S\*AGILTIVIADPPPSSEGTRQARRNRRRRWRARQRQIRSI

>B.2005.JF320043.-

MDPVDPRLEPWKHPGSQPKTACNTCYCKKCCFHCQVCFMKKGLGISYGRKKRRQRRRTSPNSQDHQASLQKQ\*VVYVMQALQIASIVALVIVGIIAIVVWSIVLVEYRKILRQRKIDRLLDRILDRAEDSGNESEGDQEELSELMERGHLAPWNIDDL\*CYRQR\*VGHSLLWGTCVERSKHYSILCIRC\*II\*HRGT\*CLGHTCLCTHRPQPTRGRIEKCNRKI\*HVEK\*HG\*TNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*RGEE\*D\*CHRCKSDRERRNKKLLFQCHHRSKR\*DKERLCTFL\*P\*CDTNK\*YRCSK\*YQQ\*LYQLYVEKL\*HLNHYTSLSKGNL\*ANSHTFLYPGWFCASTM\*\*EEFQWIRTMYKCQHSTMYTWN\*ASSINSTAVKW\*SSKR\*GSN\*ISKFLRQC\*NHISTAEQNYRN\*LYKTQQQYKKKYNYRTREGLLSNRHNRRYKTSTL\*H\*CIKMERHFKTGSCKIKRTIWE\*\*NNSL\*EFLRRGPRNCDA\*F\*LWRGIFLL\*YNKTI\*\*HLGA\*\*CNCHW\*\*\*HNHTPMQNKTNCKLVAGSRKSNVCRSHQRTDQMFIKYYRATINKRWWC\*\*QSDQCD\*\*HRNLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNGIRSFFPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAEGY\*GATTPVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGMLWKTHLHHCCALE\*\*LE\*\*ISR\*HLEQHDLDAVGKRN\*KLHRVYIQFN\*NIAKPARKE\*TGIIGIGQMGKLVELV\*HNKLAVVHKNIHNDSRRLDRFKDSVCCTFYSK\*S\*EGILTIVVSDPLPSPEGTRRARRNRRRRWRERQRHIKAI

>B.2006.JF320044.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFISKGLGIFYGRKKRRQRRRSPQNSQTHQADLSKQ\*VVYVMQSIQILAVVALVVVTIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CHTTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPRPTRSSIGKCDRIF\*HVEK\*HGRTNA\*GYNQYMGSKPKAMRKINPTLCYFKLY\*FEWH\*HQHHQ\*EHHQ\*\*HNGGRRNKKLLFQHHHKYKR\*AAERICTFL\*T\*CSTNR\*WK\*L\*VDKL\*HLSPYTSLSKGILRASSHTLLCPSWFCDSKM\*\*\*DIQWKRTM\*KCQHSTMHTWNSASSINSTIVKWQSSRKRGSDQI\*KFHEQC\*NHNSTAERICRD\*LYKTQ\*QYKEKYTYRTRESILCNRRNNRRYKTSTL\*H\*QSKMEEHFKTDSSQTRKTV\*KQNNKL\*PILRRGPRNCNAHF\*LWRGIFLL\*YSTTVQ\*YLDQWY\*KVKYH\*RKYHNHTPMQNKTNSKYVAGSRKSHVCPSHQRKN\*LLLKYHRAAINKRWWF\*\*QHHWQQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSRNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAKQFVEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHMHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*KLYRLNIHLN\*RIAKPTRKE\*KRIIRIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKSSLCYIFYSE\*S\*AGILTNTVSDPPPSSEGTRQARRNRRRRWRERQRQIQLL

>B.2007.JF320045.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSETHQAALSKQ\*VVHVMQPLEISAIVALVVAAILAIVVWTIVYIEYRKILRQRRIDRLLERIRKRAEDSGNESEGDQEEISALVGMGHLAPWDVNDL\*CCRAIVGHSLLWSTCVERCKNHSILCIRCQSI\*DRST\*CLGHTCLCSHRPQPTRSSIGKCDRRF\*YVEK\*HGRTDA\*GYNQFMGSKSQAMCKINPTLCYFKLHYFEGY\*LHELECYGFK\*YWCQ\*VRCFEEYY\*L\*\*NNNRGGRRDKKLLFQYHHKYER\*STKRICIFLYNGCSTNR\*\*G\*Y\*L\*VDKL\*HLSPYTGLSKGIL\*TNSHTLLCPGWFCDSKM\*Q\*DIQWKRTMYQCQHSTVYTWN\*ASSINSTVVKW\*SSRGRSSN\*I\*\*LLRKY\*NHHSTSE\*ICGNQLYKTQQQYKEEYTYNTREIIFCNRRNNRGYKTSIL\*C\*\*SKME\*HFKTHS\*KIKRTIWG\*\*NNSL\*SIHRRGPRSCNAHF\*L\*RGIFLL\*YIKTV\*QYLEYE\*Y\*REYEWY\*RGK\*H\*\*ENRTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRVVINKRWR\*KG\*HDREG\*DRDFQTLGRRYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKSSGNRSSIPWVLGSSRKHYGRSGSDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NL\*GDLGQHDLDGVGKRN\*KVHRRNIHLN\*KIAKPTRTE\*TRIIRIR\*MGQFVELVQHNKLAVVHKDIHNDNRRLDRFKNNFYCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRERQRQINWI

>B.2005.JF320046.-

MDPVDPRLEPWKHPGSQPKTACNTCYCKKCCFHCQVCFMKKGLGISYGRKKRRQRRRTSPNSQDHQASLQKQ\*VVYVMQALQIASIVALVIVGIIAIVVWSIVLVEYRKILRQRKIDRLLDRILXRAEDSGNESEGDQEELSELMERGHLAPWNIDDL\*CYRQR\*VGHSLLWGTCVERSKHYSILCIRC\*II\*HRGT\*CLGHTCLCTHRPQPTRGRIEKCNRKI\*HVEK\*HG\*TNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*RGEE\*D\*CHRCKSDRERRNKKLLFQCHHRSKR\*DKERLCTFL\*P\*CDTNK\*FRCSK\*YQQ\*LYQLYVEKL\*HLNHYTSLSKGNL\*ANSHTFLYPGWFCASTM\*\*EEFQWIRTMYKCQHSTMYTWN\*ASSINSTAVKW\*SSKR\*GSN\*ISKFLRQC\*NHISTAEQNYRN\*LYKTQQQYKKKYNYRTREGLLSNRHNRRYKTSTL\*H\*CIKMERHFKTGSCKIKRTIWE\*\*NNSL\*EFLRRGPRNCDA\*F\*LWRGIFLL\*YNKTI\*\*HLGA\*\*CNCHW\*\*\*HNHTPMQNKTNCKLVAGSRKSNVCRSHQRTDQMFIKYYRATINKRWWC\*\*QSDQCD\*\*HRNLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNGIRSFFPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAEGY\*GATTPVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGMLWKTHLHHCCALE\*\*LE\*\*ISR\*HLEQHDLDAVGKRN\*KLHRVYIQFN\*NIAKPARKE\*TGIIGIGQMGKLVELV\*HNKLAVVHKNIHNDSRRLDRFKDSVCCTFYSK\*S\*EGILTIVVSDPLPSPEGTRRARRNRRRRWRERQRHIKAI

>B.2006.JF320047.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFISKGLGIFYGRKKRRQRRRSPQNSQTHQADLSKQ\*VVYVMQSIQILAVVALVVVTIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CHTTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRIF\*HVEK\*HGRTNA\*GYNQYMGSKPKAMRKINPTLCYFKLY\*FEWH\*HQHHQ\*EHHQ\*\*HNGGRRNKKLLFQHHHKYKR\*AAERICTFL\*T\*CSTNR\*WK\*L\*VDKL\*HLSPYTSLSKGILRASSHTLLCPSWFCDSKM\*\*\*DIQWKRTM\*KCQHSTMHTWNSASSINSTIVKWQSSRKRGSDQI\*KFHEQC\*NHNSTAERICRD\*LCKTQ\*QYKEKYTYRTRESILCNRRNNRRYKTSTL\*H\*QSKMEEHFKTDSSQTRKTV\*KQNNKL\*PILRRGPRNCNAHF\*LWRGIFLL\*YSTTVQ\*YLDQWY\*KVKYH\*RKYHNHTPMQNKTNSKYVAGSRKSHVCPSHQRKN\*LLLKYHRAAINKRWWF\*\*QHHWQQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSRNRSFVPWVLGGSRKHYGRSVSDADGTGQTIIVWYSAAAKQFVEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHMHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*KLYRLNIHLN\*RIAKPTRKE\*KRIIRIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKSSLCYIFYSE\*S\*AGILTNIVSDPPPSSEGTRQARRNRRRRWRERQRQIQLL

>B.2006.JF320048.-

MEPVDPRLEPWKHPGSQPKTACNTCYCKKCCFHCQVCFTKKGLGISYGRKKRKQRRRPPHDNQNHQVSLSKQ\*VVHVMQSLEIAAIVALVVAIIIAIVVWTIVLIEYKKILRQKEIDRLIDRIRERAEDSGNESEGDQEELSALVVERGHHAPWDVDDL\*CCRTRVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRP\*PTRSRIEKCNRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKTMCKINPTLYYFKLH\*LY\*\*LH\*\*LHQYRY\*NDKERNEKLLFQY\*HNNKR\*GAEKICAFL\*T\*YSANG\*Y\*\*Y\*L\*IDKL\*YLSHYTGLSKGNF\*ANSYTLLCPSWFCDSEM\*G\*KIQWNRTMWKCQHSTMYTWNHTSSINTTAVKWQSSRGRGSN\*ICQSLRQY\*KYNSTAERPCKHYLYETQQ\*YKEKYNYRTRESILYNRRSNGRHKASTL\*H\*\*SSMGGRFETDKYKTRRTI\*E\*NNSL\*SISRRGLRDYNAHF\*LWRRIFLL\*YNTTV\*QYLE\*YWRVLE\*DWRVK\*HGKKWHNHTPMQNKTNYKHVAESRKSNICPSHQRTN\*MFIKHYRADINKRWW\*\*\*\*HHLRDLQTWRRRYKGQLEK\*II\*IQSSKNCTNRDSTH\*GKEKSGAERKKGSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQLAEGCGGATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHHCCALE\*\*LE\*\*IYSRYLE\*HDLDGVGKRS\*QLHKLNIQLA\*RLAEPARKK\*TRIIVIG\*MGKFVELV\*HNTMAVVYKDIHNDSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRLL

>B.2006.JF320049.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFISKGLGIFYGRKKRRQRRRSPQNSQTHQADLSKQ\*VVYVMQSIQILAVVALVVVTIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CHTTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRIF\*HVEK\*HGRTNA\*GYNQYMGSKPKAMRKINPTLCYFKLY\*FEWH\*HQHY\*\*EHHQ\*\*HNGGRRNKKLLFQHHHKYKR\*AAERICTFL\*T\*CSTNR\*WK\*L\*VDKL\*HLSPYTSLSKGILRASSHTLLCPSWFCDSKM\*\*\*DIQWKRTM\*KCQHSTMHTWD\*ASSINSTIVKWQSSRKRGSDQI\*KFHEQC\*NHNSTAERICRD\*LYKTQ\*QYKEKYTYRTRESILCNRRNNRRYKTSTL\*H\*QSKMEEHFKTDSSQTRKTV\*KQNNKL\*PILRRGPRNCNAHF\*LWRGIFLL\*YSTTVQ\*YLDQWY\*KVKYH\*RKYHNHTPMQNKTNSKYVAGSRKSHVCPSHQRKN\*LLLKYHRAAINKRWWF\*\*QHHWQQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSRNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAKQFVEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHMHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*KLYRLNIHLN\*RIAKPTRKE\*KRIIRIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKSSLCYIFYSE\*S\*AGILTNIVSDPPPSSEGTRQARRNRRRRWRERQRQIQLL

>B.2005.JF320050.-

MDPVDPRLEPWKHPGSQPKTACNTCYCKKCCFHCQVCFMKKGLGISYGRKKRRQRRRTSPNSQDHQASLQKQ\*VVYVMQALQIASIVALVIVGIIAIVVWSIVLVEYRKILRQRKIDRLLDRILDRAEDSGNESEGDQEELSELMERGHLAPWNIDDL\*CYRQR\*VGHSLLWGTCVERSKHYSILCIRC\*II\*HRGT\*CLGHTCLCTHRPQPTRGRIEKCNRKI\*HVEK\*HG\*TNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*RGEE\*D\*CHRCKSDRERRNKKLLFQCHHRSKR\*DKERLCTFL\*P\*CDTNK\*YRCSK\*YQQ\*LYQLYVEKL\*HLNHYTSLSKGNL\*ANSHTFLYPGWFCASTM\*\*EEFQWIRTMYKCQHSTMYTWN\*ASSINSTAVKW\*SSKR\*GSN\*ISKFLRQC\*NHISTAEQNYRN\*LYKTQQQYKKKYNYRTREGLLSNRHNRRYKTSTL\*H\*CIKMERHFKTGSCKIKRTIWE\*\*NNSL\*EFLRRGPRNCDA\*F\*LWRGIFLL\*YNKTI\*\*HLGA\*\*CNCHW\*\*\*HNHTPMQNKTNCKLVAGSRKSNVCRSHQRTDQMFIKYYRATINKRWWC\*\*QSDQCD\*\*HRNLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNGIRSFFPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAEGY\*GATTPVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGMLWKTHLHHCCALE\*\*LE\*\*ISR\*HLEQHDLDAVGKRN\*KLHRVYIQFN\*NIAKPARKE\*TGIIGIGQMGKLVELV\*HNKLAVVHKNIHNDSRRLDRFKDSVCCTFYSK\*S\*EGILTIVVSDPLPSPEGTRRARRNRRRRWRERQRHIKAI

>B.2006.JF320051.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFISKGLGIFYGRKKRRQRRRSPQNSQTHQADLSKQ\*VVYVMQSIQILAVVALVVVTIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CHTTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRIF\*HVEK\*HGRTNA\*GYNQYMGSKPKAMRKINPTLCYFKLY\*FEWH\*HQHHQ\*EHHQ\*\*HNGGRRNKKLLFQHHHKYKR\*AAERICTFL\*T\*CSTNR\*WK\*L\*VDKL\*HLSPYTSLSKGILRASSHTLLCPSWFCDSKM\*\*\*DIQWKRTM\*KCQHSTMHTWNSASSINSTIVKWQSSRKRGSDQI\*KFHEQC\*NHNSTAERICRD\*LYKTQ\*QYKEKYTYRTRESILCNRRNNRRYKTSTL\*H\*QSKMEEHFKTDSSQTRKTV\*KQNNKL\*PILRRGPRNCNAHF\*LWRGIFLL\*YSTTVQ\*YLDQWY\*KVKYH\*RKYHNHTPMQNKTNSKYVAGSRKSHVCPSHQRKN\*LLLKYHRAAINKRWWF\*\*QHHWQQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSRNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAKQFVEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHMHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*KLYRLNIHLN\*RIAKPTRKE\*KRIIRIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKSSLCYIFYSE\*S\*AGILTNIVSDPPPSSEGTRQARRNRRRRWRERQRQIQLL

>B.2007.JF320052.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSETHQAALSKQ\*VVHVMQPLEISAIVALVVAAILAIVVWTIVYIEYRKILRQRRIDRLLERIRERAEDSGNESEGDQEEISALVGMGHLAPWDVNDL\*CCRAIVGHSLLWSTCVERCKNHSILCIRCQSI\*DRST\*CLGHTCLCSHRXQPTRSSIGKCDRRF\*YVEK\*HGRTDA\*GYNQFMGSKSQAMCKINPTLCYFKLHYFGGY\*LHELECYGFECYWCQ\*VRCFEEYY\*L\*\*NNNRGGRRDKKLLFQYHHKYER\*STKRICIFLYNGCSTNR\*\*G\*Y\*L\*VDKL\*HLSPYTGLSKGIL\*TNSHTLLCPGWFCDSKM\*Q\*DIQWKRTMYQCQHSTVYTWN\*ASSINSTVVKW\*SGRGRSSN\*I\*\*LLRKY\*NHHSTSE\*ICGNQLYKTQQQYKEEYTYNTREIIFCNRRNNRGYKTSIL\*C\*\*SKME\*HFKTHSKKIKRTIWG\*\*NNSL\*SIHRRGPRSCNAHF\*LWRGIFLL\*YIKTV\*QYLEYE\*Y\*REYEWY\*RGK\*H\*\*ENRTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRVVINKRWR\*KG\*HDREGDRDFQTLGRRYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKSSGNRSSIPWVLGSSRKHYGRSGSDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NL\*\*DLGQHDLDGVGKRN\*KVHRRNIHLN\*KIAKPTRTE\*TRIIRIR\*MGQFVELVQHNKLAVVHKDIHNDNRRLDRFKNNFYCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRERQRQINWI

>B.2006.JF320053.-

MDPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRSPQNSQTHQADLSKQ\*VVYVMQSIQILAVVALVVVTIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CHTTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRIF\*HVEK\*HGRTNA\*GYNQYMGSKPKAMRKINPTLCYFKLY\*FEWH\*HQHH\*\*EHHQ\*\*HNGGRRNKKLLFQHHHKYKR\*AAERICTFL\*T\*CSTNR\*WK\*L\*VDKL\*HLSPYTSLSKGILRASSHTLLCPSWFCDSKM\*\*\*DIQWKRTM\*KCQHSTMHTWD\*ASSINSTIVKWQSSRKRGSDQI\*KFHEQC\*NHNSTAERICRD\*LYKTQ\*QYKEKYTYRTRESILCNRRNNRRYKTSTL\*H\*QSKMEEHFKTDSSQTRKTV\*KQNNKL\*PILRRGPRNCNAHF\*LWRGIFLL\*YSTTVQ\*YLDQWY\*KVKYH\*RKYHNHTPMQNKTNSKYVAGSRKSHVCPSHQRKN\*LLLKYHRAAINKRWWL\*\*QHHWQQHRDLQTWRRRYEGQLEK\*II\*I\*SSKNRTIRSSTYQGKEKSGAERKKSSRNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAKQFVEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHMHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*KLYRLNIHLN\*RIAKPTRKE\*KRIIRIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKSSLCYIFYSE\*S\*AGILTNIVSDPPPSSEGTRQARRNRRRRWRERQRQIQLL

>B.2005.JF320054.-

MEPVDPRLEPWKHPGSQPKTPCTACYCKKCCYHCQACFITKGLGIYYGRKKRRQRRRAPRDSQAHQDSPSEQ\*VVHVMQPLVVLAIVALVLVSIIAIVVWSIVFIEYRRILRQRRIDRLIDRIRERAEDSGNESEGDQEELLVEMGHLAPWDVNDQ\*CCRTIVGHSLLWGTGVERSNHHPILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSSIRKYDRKF\*HVEK\*HGRPDA\*GCDQFMGSKSKAMCKINPTLCYFKLH\*\*FEE\*FEECY\*\*RYYY\*HH\*\*R\*RRDKKLLFQCHHRNKR\*EAERLCTFL\*T\*CSTNRE\*\*\*\*LYVDKLQHLKSYSSLSKDNLRTNSHTLLCPGWFCDSKV\*\*\*EIQWNRTMY\*CQHSTMYTWN\*ASNINSTVVKWQFSRRRYSN\*IKKFHKQC\*HHNSTSEQICNN\*VYKTQQQYKKECTYRTRERILCNRRHNRRYKTSTL\*HY\*SKLDQHFKTGS\*KTKRTIWE\*NNKLYSLLRRGPRSCNAQF\*LWRGIFLL\*YNTTV\*\*FLEG\*\*DLE\*Y\*RGQYHTPLQNKTIYKHVAGSRKSYVCLSHCRTN\*M\*IRYYRAAITKRWWTRK\*HRDQ\*HRDLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRDSTH\*GKEKSGAEREKRSGNRSSVPWVSGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*SAEGY\*GATAYVATHSLGHQTAPGKSPGGGKIPKGSTAPGNLGLLWKTHLHHCCTLEC\*LE\*\*DPECHLG\*HDLDGVGKRN\*QLHRLNIQLT\*RIAEPTRKE\*TRIVGIG\*MGKFVELV\*NNKLAVVYKNIHNGSRRLGRFKNSFFCAFYSE\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2006.JF320055.-

MDPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRSPQNSQTHQADLSKQ\*VVYVMQSIQILAVVALVVVTIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CHTTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRIF\*HVEK\*HGRTNA\*GYNQYMGSKPKAMRKINPTLCYFKLY\*FEWH\*HQHH\*\*EHHQ\*\*HNGGRRNKKLLFQHHHKYKR\*AAERICTFL\*T\*CSTNR\*WK\*L\*VDKL\*HLSPYTSLSKGILRASSHTLLCPSWFCDSKM\*\*\*DIQWKRTM\*KCQHSTMHTWD\*ASSINSTIVKWQSSRKRGSDQI\*KFHEQC\*NHNSTAERICRD\*LYKTQ\*QYKEKYTYRTRESILCNRRNNRRYKTSTL\*H\*QSKMEEHFKTDSSQTRKTV\*KQNNKL\*PILRRGPRNCNAHF\*LWRGIFLL\*YSTTVQ\*YLDQWY\*KVKYH\*RKYHNHTPMQNKTNSKYVAGSRKSHVCPSHQRKN\*LLLKYHRAAINKRWWL\*\*QHHWQQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSRNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAKQFVEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHMHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*KLYRLNIHLN\*RIAKPTRKE\*KRIIRIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKSSLCYIFYSE\*S\*AGILTNIVSDPPPSSEGTRQARRNRRRRWRERQRQIQLL

>B.2006.JF320056.-

MEPVDPRLEPWKHPGSQPKTACNTCYCKKCCFHCQVCFTKKGLGISYGRKKRKQRRRPPHDNQNHQVSLSKQ\*VVHVMQSLEIAAIVALVVAIIIAIVVWTIVLIEYKKILRQKEIDRLIDRIRERAEDSGNESEGDQEELSALVVERGHHAPWDVDDL\*CCRTRVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRP\*PTRSRIEKCNRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKTMCKINPTLYYFKLH\*LY\*\*LH\*\*LHQYHY\*NDKERNEKLLFQY\*HNNKR\*GAEKICAFL\*T\*YSANG\*Y\*\*Y\*L\*IDKL\*YLSHYTGLSKGNF\*ANSYTLLCPSWFCDSEM\*G\*KIQWNRTMWKCQHSTMYTWNHTSSINTTAVKWQSSRGRGSN\*ICQSLRQY\*KYNSTAERPCKHYLYETQQ\*YKEKYNYRTRESILYNRRSNGRHKASTL\*H\*\*SSMGGRFETDKYKTRRTI\*E\*NNSL\*SISRRGLRDYNAHF\*LWRRIFLL\*YNTTV\*QYLE\*YWRVLE\*DWRVK\*HGKKWHNHTPMQNKTNYKHVAESRKSNICPSHQRTN\*MFIKHYRADINKRWW\*\*\*\*HHLRDLQTWRRRYKGQLEK\*II\*IQSSKNCTNRDSTH\*GKEKSGAERKKGSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQLAEGCGGATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHHCCALE\*\*LE\*\*IYSRYLE\*HDLDGVGKRS\*QLHKLNIQLA\*RLAEPARKK\*TRIIVIG\*MGKFVELV\*HNTMAVVYKDIHNDSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRLL

>B.2005.JF320057.-

MEPVDPRLEPWKHPGSQPKTPCTACYCKKCCYHCQACFITKGLGIYYGRKKRRQRRRAPRDSQAHQDSPSEQ\*VVHVMQPLVVLAIVALVLVSIIAIVVWSIVFIEYRRILRQRRIDRLIDRIRERAEDSGNESEGDQEELLVEMGHLAPWDVNDQ\*CCRTIVGHSLLWGTGVERSNHHPILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSSIRKYDRKF\*HVEK\*HGRPDA\*GCDQFMGSKSKAMCKINPTLCYFKLH\*\*FEE\*FEECYY\*RYYY\*HH\*\*R\*RRDKKLLFQCHHRNKR\*EAERLCTFL\*T\*CSTNRE\*\*\*\*LYVDKLQHLKSYSSLSKDNLRTNSHTLLCPGWFCDSKV\*\*\*EIQWNRTMY\*CQHSTMYTWN\*ASNINSTVVKWQFSRRRYSN\*IKKFHKQC\*HHNSTSEQICNN\*VYKTQQQYKKECTYRTRERILCNRRHNRRYKTSTL\*HY\*SKLDQHFKTGS\*KTKRTIWE\*NNKLYSLLRRGPRSCNAQF\*LWRGIFLL\*YNTTV\*\*FLEG\*\*DLE\*Y\*RGQYHTPLQNKTIYKHVAGSRKSYVCLSHCRTN\*M\*IRYYRAAITKRWWTRK\*HRDQ\*HRDLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRDSTH\*GKEKSGAEREKRSGNRSSVPWVSGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*SAEGY\*GATAYVATHSLGHQTAPGKSPGGGKIPKGSTAPGNLGLLWKTHLHHCCTLEC\*LE\*\*DPECHLG\*HDLDGVGKRN\*QLHRLNIQLT\*RIAEPTRKE\*TRIVGIG\*MGKFVELV\*NNKLAVVYKNIHNGSRRLGRFKNSFFCAFYSE\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2006.JF320058.-

MDPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRSPQNSQTHQADLSKQ\*VVYVMQSIQILAVVALVVVTIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CHTTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRIF\*HVEK\*HGRTNA\*GYNQYMGSKPKAMRKINPTLCYFKLY\*FEWH\*HQHH\*\*EHHQ\*\*HNGGRRNKKLLFQHHHKYKR\*AAERICTFL\*T\*CSTNR\*WK\*L\*VDKL\*HLSPYTSLSKGILRASSHTLLCPSWFCDSKM\*\*\*DIQWKRTM\*KCQHSTMHTWD\*ASSINSTIVKWQSSRKRGSDQI\*KFHEQC\*NHNSTAERICRD\*LYKTQ\*QYKEKYTYRTRESILCNRRNNRRYKTSTL\*H\*QSKMEEHFKTDSSQTRKTV\*KQNNKL\*PILRRGPRNCNAHF\*LWRGIFLL\*YSTTVQ\*YLDQWY\*KVKYH\*RKYHNHTPMQNKTNSKYVAGSRKSHVCPSHQRKN\*LLLKYHRAAINKRWWL\*\*QHHWQQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSRNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAKQFVEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHMHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*KLYRLNIHLN\*RIAKPTRKE\*KRIIRIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKSSLCYIFYSE\*S\*AGILTNIVSDPPPSSEGTRQARRNRRRRWRERQRQIQLL

>B.2005.JF320059.-

MEPVDPRLEPWKHPGSQPKTACNPCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRASQGSQTHQVSPSNQ\*VVHVMKSLEISAIVALVVAAILAIVVWTIVYIEYRKIQKQKKIDRLIARISERAEDSGNESEGDQEELSALVDMGHLAPWDIND\*\*CCRAIMGHSLLWSTCVERSIHHSILCIRC\*IIFYRTT\*CVGHTCLCAHRPKPTGSKIEKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYPRLH\*S\*D\*Y\*HH\*QYSFYY\*EYYYHY\*QY\*RERRNKKLLFQYHHKYKR\*DTETICTFLYT\*YSTNRGKEC\*\*Y\*L\*VDKL\*HLSHYTGLSKGIF\*TNSHTLLCPGWFCDSKMQ\*\*HVQWVRTMYKCQYSTVHTWN\*ASSINPTPVKWQSSRRRCGN\*I\*KFHKQC\*NHNSTAKGACRN\*LYKTQQQYKKKYTYSTRESILCNRRYNRRYKKSILYH\*CNKME\*YFRTDS\*KITRTI\*E\*NNNL\*\*FLRRGPRNCNAQL\*LWRGIFLLQYNTIV\*\*YLAY\*\*Y\*QRD\*YQGKYHTPMQNKTNCKQVAGSRKSNVCPSH\*RTNYMYIKYYRVAINKRWWRCQ\*WDK\*DLQTWRRRYEGQLEK\*II\*IQSGEN\*TIRNSTHQGKEKSGAERKKSSGIWSFVPWVLGSSRKHYGRSFNDADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGHKAAPGKNPGCGKIPKGSTAPRNLGLLWKTHLHH\*CALEC\*LE\*\*ISRNNLGQNDLDAVGKRN\*QLHRLNI\*LN\*RIAKPTRKE\*TGIIGIR\*MGKSMELV\*YIKLAVVYKIIHNDSRRLDRFKDSFYCTFYSK\*S\*AGILTIIVADPPPGPEGTRQARRNRRRRWRERQRQIRTI

>B.2006.JF320060.-

MDPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRSPQNSQTHQADLSKQ\*VVYVMQSIQILAVVALVVVTIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CHTTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRIF\*HVEK\*HGRTNA\*GYNQYMGSKPKAMRKINPTLCYFKLY\*FEWH\*HQHH\*\*EHHQ\*\*HNGGRRNKKLLFQHHHKYKR\*AAERICTFL\*T\*CSTNR\*WK\*L\*VDKL\*HLSPYTSLSKGILRASSHTLLCPSWFCDSKM\*\*\*DIQWKRTM\*KCQHSTMHTWD\*ASSINSTIVKWQSSRKRGSDQI\*KFHEQC\*NHNSTAERICRD\*LYKTQ\*QYKEKYTYRTRESILCNRRNNRRYKTSTL\*H\*QSKMEEHFKTDSSQTRKTV\*KQNNKL\*PILRRGPRNCNAHF\*LWRGIFLL\*YSTTVQ\*YLDQWY\*KVKYH\*RKYHNHTPMQNKTNSKYVAGSRKSHVCPSHQRKN\*LLLKYHRAAINKRWWL\*\*QHHWQQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSRNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAKQFVEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHMHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*KLYRLNIHLN\*RIAKPTRKE\*KRIIRIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKSSLCYIFYSE\*S\*AGILTNIVSDPPPSSEGTRQARRNRRRRWRERQRQIQLL

>B.2005.JF320061.-

MEPVDPRLEPWKHPGSQPKTPCTACYCKKCCYHCQACFITKGLGIYYGRKKRRQRRRAPRDSQAHQDSPSEQ\*VVHVMQPLVVLAIVALVLVSIIAIVVWSIVFIEYRRILRQRRIDRLIDRIRERAEDSGNESEGDQEELLVEMGHLAPWDVNDQ\*CCRTIVGHSLLWGTGVERSNHHPILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSSIRKYDRKF\*HVEK\*HGRPDA\*GCDQFMGSKSKAMCKINPTLCYFKLH\*\*FEE\*FEECYY\*RYYY\*HH\*\*R\*RRDKKLLFQCHHRNKR\*EAERLCTFL\*T\*CSTNRE\*\*\*\*LYVDKLQHLKSYSSLSKDNLRTNSHTLLCPGWFCDSKV\*\*\*EIQWNRTMY\*CQHSTMYTWN\*ASNINSTVVKWQFSRRRYSN\*IKKFHKQC\*HHNSTSEQICNN\*VYKTQQQYKKECTYRTRERILCNRRHNRRYKTSTL\*HY\*SKLDQHFKTGS\*KTKRTIWE\*NNKLYSLLRRGPRSCNAQF\*LWRGIFLL\*YNTTV\*\*FLEG\*\*DLE\*Y\*RGQYHTPLQNKTIYKHVAGSRKSYVCLSHCRTN\*M\*IRYYRAAITKRWWTRK\*HRDQ\*HRDLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRDSTH\*GKEKSGAEREKRSGNRSSVPWVSGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*SAEGY\*GATAYVATHSLGHQTAPGKSPGGGKIPKGSTAPGNLGLLWKTHLHHCCTLEC\*LE\*\*DPECHLG\*HDLDGVGKRN\*QLHRLNIQLT\*RIAEPTRKE\*TRIVGIG\*MGKFVELV\*NNKLAVVYKNIHNGSRRLGRFKNSFFCAFYSE\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2006.JF320062.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRSPQNSQTHQADLSKQ\*VVYVMQSIQILAVVALVVVTIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CHTTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRIF\*HVEK\*HGRTNA\*GYNQYMGSKPKAMRKINPTLCYFKLY\*FEWH\*HQHH\*\*EHHQ\*\*HNGGRRNKKLLFQHHHKYKR\*AAERICTFL\*T\*CSTNR\*WK\*L\*VDKL\*HLSPYTSLSKGILRASSHTLLCPSWFCDSKM\*\*\*DIQWKRTM\*KCQHSTMHTWD\*ASSINSTIVKWQSSRKRGSDQI\*KFHEQC\*NHNSTAERICRD\*LYKTQ\*QYKEKYTYRTRESILCNRRNNRRYKTSTL\*H\*QSKMEEHFKTDSSQTRKTV\*KQNNKL\*PILRRGPRNCNAHF\*LWRGIFLL\*YSTTVQ\*YLDQWY\*KVKYH\*RKYHNHTPMQNKTNSKYVAGSRKSHVCPSHQRKN\*LLLKYHRAAINKRWWL\*\*QHHWQQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSRNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAKQFVEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHMHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*KLYRLNIHLN\*RIAKPTRKE\*KRIIRIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKSSLCYIFYSE\*S\*AGILTNIVSDPPPSSEGTRQARRNRRRRWRERQRQIQLL

>B.2006.JF320064.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRSPQNSQTHQADLSKQ\*VVYVMQSIQILAVVALVVVTIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CHTTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRIF\*HVEK\*HGRTNA\*GYNQYMGSKPKAMRKINPTLCYFKLY\*FEWH\*HQHHQ\*EHHQ\*\*HNGGRRNKKLLFQHHHKYKR\*AAERICTFL\*T\*CSTNR\*WK\*L\*VDKL\*HLSPYTSLSKGILRASSHTLLCPSWFCDSKM\*\*\*DIQWKRTM\*KCQHSTMHTWD\*ASSINSTIVKWQSSRKRGSDQI\*KFHEQC\*NHNSTAERICRD\*LYKTQ\*QYKEKYTYRTRESILCNRRNNRRYKTSTL\*H\*QSKMEEHFKTDSSQTRKTV\*KQNNKL\*PILRRGPRNCNAHF\*LWRGIFLL\*YSTTVQ\*YLDQWY\*KVKYH\*RKYHNHTPMQNKTNSKYVAGSRKSHVCPSHQRKN\*LLLKYHRAAINKRWWF\*\*QHHWQQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSRNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAKQFVEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHMHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*KLYRLNIHLN\*RIAKPTRKE\*KRIIRIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKSSLCYIFYSE\*S\*AGILTNIVSDPPPSSEGTRQARRNRRRRWRERQRQIQLL

>B.2006.JF320065.-

MEPVDPRLEPWKHPGSQPKTACNTCYCKKCCFHCQVCFTKKGLGISYGRKKRKQRRRPPHDNQNHQVSLSKQ\*VVHVMQSLEIAAIVALVVAIIIAIVVWTIVLIEYKKILRQKEIDRLIDRIRERAEDSGNESEGDQEELSALVVERGHHAPWDVDDL\*CCRTRVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRP\*PTRSRIEKCNRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKTMCKINPTLYYFKLH\*LY\*\*LH\*\*LHQYHY\*NDKERNEKLLFQY\*HNNKR\*GAEKICAFL\*T\*YSANG\*Y\*\*Y\*L\*IDKL\*YLSHYTGLSKGNF\*ANSYTLLCPSWFCDSEM\*G\*KIQWNRTMWKCQHSTMYTWNHTSSINTTAVKWQSSRGRGSN\*ICQSLRQY\*KYNSTAERPCKHYLYETQQ\*YKEKYNYRTRESILYNRRSNGRHKASTL\*H\*\*SSMGGRFETDKYKTRRTI\*E\*NNSL\*SISRRGLRDYNAHF\*LWRRIFLL\*YNTTV\*QYLE\*YWRVLE\*DWRVK\*HGKKWHNHTPMQNKTNYKHVAESRKSNICPSHQRTN\*MFIKHYRADINKRWW\*\*\*\*HHLRDLQTWRRRYKGQLEK\*II\*IQSSKNCTNRDSTH\*GKEKSGAERKKGSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQLAEGCGGATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHHCCALE\*\*LE\*\*IYSRYLE\*HDLDGVGKRS\*QLHKLNIQLA\*RLAEPARKK\*TRIIVIG\*MGKFVELV\*HNTMAVVYKDIHNDSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRLL

>B.2005.JF320066.-

MDPVDPRLEPWKHPGSQPKTACNTCYCKKCCFHCQVCFMKKGLGISYGRKKRRQRRRTSPNSQDHQASLQKQ\*VVYVMQALQIASIVALVIVGIIAIVVWSIVLVEYRKILRQRKIDRLLDRILDRAEDSGNESEGDQEELSELMERGHLAPWNIDDL\*CYRQR\*VGHSLLWGTCVERSKHYSILCIRC\*II\*HRGT\*CLGHTCLCTHRPQPTRGRIEKCNRKI\*HVEK\*HG\*TNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*RGEE\*D\*CHRCKSDRERRNKKLLFQCHHRSKR\*DKERLCTFL\*P\*CDTNK\*YRCSK\*YQQ\*LYQLYVEKL\*HLNHYTSLSKGNL\*ANSHTFLYPGWFCASTM\*\*EEFQWIRTMYKCQHSTMYTWN\*ASSINSTAVKW\*SSKR\*GSN\*ISKFLRQC\*NHISTAEQNYRN\*LYKTQQQYKKKYNYRTREGLLSNRHNRRYKTSTL\*H\*CIKMERHFKTGSCKIKRTIWE\*\*NNSL\*EFLRRGPRNCDA\*F\*LWRGIFLL\*YNKTI\*\*HLGA\*\*CNCHW\*\*\*HNHTPMQNKTNCKLVAGSRKSNVCRSHQRTDQMFIKYYRATINKRWWC\*\*QSDQCD\*\*HRNLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNGIRSFFPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAEGY\*GATTPVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGMLWKTHLHHCCALE\*\*LE\*\*ISR\*HLEQHDLDAVGKRN\*KLHRVYIQFN\*NIAKPARKE\*TGIIGIGQMGKLVELV\*HNKLAVVHKNIHNDSRRLDRFKDSVCCTFYSK\*S\*EGILTIVVSDPLPSPEGTRRARRNRRRRWRERQRHIKAI

>B.2005.JF320067.-

MDPIDPRLEPWKHPGSQPKTACXTCYCKKCCFHCQVCFMKKGLGISYGRKKRRQRRRTSPNSQDHQASLQKQ\*VVYVMQALQIASIVALVIVGIIAIVVWSIVLVEYRKILRQRKIDRLLDRILDRAEDSGNESEGDQEELSELMERGHLAPWNIDDL\*CYRQR\*VGHSLLWGTCVERSKHYSILCIRC\*II\*HRGT\*CLGHTCLCTHRPQPTRGRIEKCNRKI\*HVEK\*HG\*TNA\*RYNQFMGSKPKAMCKINPTLCYFKLH\*RGEE\*D\*CHRCKSDRERRNKKLLFQCHHRSKR\*DKERLCTFL\*P\*CDTNK\*YRCSK\*YQQ\*LYQLYVEKL\*HLNHYTSLSKGNL\*ANSHTFLYPGWFCASTM\*\*EEFQWIRTMYKCQHSTMYTWN\*ASSINSTAVKW\*SSKR\*GSN\*ISKFLRQC\*NHISTAEQNYRN\*LYKTQQQYKKKYNYRTREGLLSNRHNRRYKTSTL\*H\*CIKMERHFKTGSCKIKRTIWE\*\*NNSL\*EFLRRGPRNCDA\*F\*LWRGIFLL\*YNKTI\*\*HLGA\*\*CNCHW\*\*\*HNHTPMQNKTNCKLVAGSRKSNVCRSHQRTDQMFIKYYRATINKRWWC\*\*QSDQCD\*\*HRNLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNGIRSFFPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAEGY\*GATTPVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGMLWKTHLHHCCALE\*\*LE\*\*ISR\*HLEQHDLDAVGKRN\*KLHRVYIQFN\*NIAKPARKE\*TGIIGIGQMGKLVELV\*HNKLAVVHKNIHNDSRRLDRFKDSVCCTFYSK\*S\*EGILTIVVSDPLPSPEGTRRARRNRRRRWRERQRHIKAI

>B.2006.JF320068.-

MEPVDPRLEPWKHPGSQPKTACNTCYCKKCCFHCQVCFTKKGLGISYGRKKRKQRRRPPHDNQNHQVSLSKQ\*VVHVMQSLEIAAIVALVVAIIIAIVVWTIVLIEYKKILRQKEIDRLIDRIRERAEDSGNESEGDQEELSALVVERGHHAPWDVDDL\*CCRTRVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRP\*PTRSRIEKCNRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKTMCKINPTLYYFKLH\*LY\*\*LH\*\*LHQYHY\*NDKERNEKLLFQY\*HNNKR\*GAEKICAFL\*T\*YSANG\*Y\*\*Y\*L\*IDKL\*YLSHYTGLSKGNF\*ANSYTLLCPSWFCDSEM\*G\*KIQWNRTMWKCQHSTMYTWNHTSSINTTAVKWQSSRGRGSN\*ICQSLRQY\*KYNSTAERPCKHYLYETQQ\*YKEKYNYRTRESILYNRRSNGRHKASTL\*H\*\*SSMGGRFETDKYKTRRTI\*E\*NNSL\*SISRRGLRDYNAHF\*LWRRIFLL\*YNTTV\*QYLE\*YWRVLE\*DWRVK\*HGKKWHNHTPMQNKTNYKHVAESRKSNICPSHQRTN\*MFIKHYRADINKRWW\*\*\*\*HHLRDLQTWRRRYKGQLEK\*II\*IQSSKNCTNRDSTH\*GKEKSGAERKKGSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQLAEGCGGATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHHCCALE\*\*LE\*\*IYSRYLE\*HDLDGVGKRS\*QLHKLNIQLA\*RLAEPARKK\*TRIIVIG\*MGKFVELV\*HNTMAVVYKDIHNDSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRLL

>B.2007.JF320069.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSETHQAALSKQ\*VVHVMQPLEISAIVALVVAAILAIVVWTIVYIEYRKILRQRRIDRLLERIRERAEDSGNESEGDQEEISALVGMGHLAPWDVNDL\*CCRAIVGHSLLWSTCVERCKNHSILCIRCQSI\*DRST\*CLGHTCLCSHRPQPTRSSIGKCDRRF\*YVEK\*HGRTDA\*GYNQFMGSKSQAMCKINPTLCYFKLHYFEGY\*LHELECYGFECYW\*Q\*VRCFEEYY\*L\*\*NNNRGGRRDKKLLFQCHHKCER\*STKRICIFLYNGCSTNR\*\*G\*Y\*L\*VDKL\*HLSPYTGLSKGIL\*TNSHTLLCPGWFCDSKM\*Q\*DIQWKRTMYQCQHSTVYTWN\*ASSINSTVVKW\*SSRGRSSN\*I\*\*LLRKY\*NHHSTSE\*ICGNQLYKTQQQYKEEYTYNTREIIFCNRRNNRGYKTSIL\*C\*\*SKME\*HFKTHS\*KIKRTIWG\*\*NNSL\*SIHRRGPRSCNAHF\*LWRGIFLL\*YIKTV\*QYLEYE\*H\*REYEWY\*RGK\*H\*\*ENRTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRVVINKRWR\*KG\*HDREGDRDFQTLGRRYEGQLEK\*II\*I\*SSAN\*TIRNSTHQGKEKSGAERKKSSGNRSSIPWVLGSSRKHYGRSGSDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NL\*\*DLGQHDLDGVGKRN\*RVHRRNIHLN\*KIAKPTRTE\*TRIIRIR\*MGQFVELVQHNKLAVVHKDIHNDNRRLDRFKNNFYCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRERQRQINWI

>B.2007.JF320070.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSETHQAALSKQ\*VVHVMQPLEISAIVALVVAAILAIVVWTIVYIEYRKILRQRRIDRLLERIRERAEDSGNESEGDQEEISALVGMGHLAPWDVNDL\*CCRAIVGHSLLWSTCVERCKNHSILCIRCQSI\*DRST\*CLGHTCLCSHRPQPTRSSIGKCDRRF\*YVEK\*HGRTDA\*GYNQFMGSKSQAMCKINPTLCYFKLHYFEGY\*LHKLECYWCQ\*VRCFEEYY\*L\*\*NNNRGGRRDKKLLFQCHHKCER\*STKRICIFLYNGCSTNR\*\*G\*Y\*L\*VDKL\*HLSPYTGLSKGIL\*TNSHTLLCPGWFCDSKM\*Q\*DIQWKRTMYQCQHSTVYTWN\*ASSINSTVVK\*\*SSRGRSSN\*I\*\*LLRKY\*NHHSTSE\*ICGNQLYKTQQQYKEEYTYNTREIIFCNRRNNRGYKTSIL\*C\*\*SKME\*HFKTHS\*KIKRTIWG\*\*NNSL\*SIHRRGPRSCNAHF\*LWRGIFLL\*YIKTV\*QYLEYE\*Y\*REYEWY\*RGK\*H\*\*ENRTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRVVINKRWR\*KG\*QDREG\*GDRDFQTLGRRYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKSSGNRSSIPWVLGSSRKHYGRSGSDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWETHLHHCCALEC\*LE\*\*NL\*\*DLGQHDLDGVGKRN\*KLHRRNIHLN\*KIAKPTRTE\*TRIIRIR\*MGQFVELVQHNKLAVVHKDIHNDNRRLDRFKNNFYCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRERQRQINWI

>B.2006.JF320071.-

MEPVDPRLEPWKHPGSQPKTACNTCYCKKCCFHCQVCFTKKGLGISYGRKKRKQRRRPPHDNQNHQVSLSKQ\*VVHVMQSLEIAAIVALVVAIIIAIVVWTIVLIEYKKILRQKEIDRLIDRIRERAEDSGNESEGDQEELSALVVERGHHAPWDVDDL\*CCRTRVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRP\*PTRSRIEKCNRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKTMCKINPTLYYFKLH\*LY\*\*LH\*\*LHQYHY\*NDKERNEKLLFQY\*HNNKR\*GAEKICAFL\*T\*YSANG\*Y\*\*Y\*L\*IDKL\*YLSHYTGLSKGNF\*ANSYTLLCPSWFCDSEM\*G\*KIQWNRTMWKCQHSTMYTWNHTSSINTTAVKWQSSRGRGSN\*ICQSLRQY\*KYNSTAERPCKHYLYETQQ\*YKEKYNYRTRESILYNRRSNGRHKASTL\*H\*\*SSMGGRFETDKYKTRRTI\*E\*NNSL\*SISRRGLRDYNAHF\*LWRRIFLL\*YNTTV\*QYLE\*YWRVLE\*DWRVK\*HGKKWHNHTPMQNKTNYKHVAESRKSNICPSHQRTN\*MFIKHYRADINKRWW\*\*\*\*HHLRDLQTWRRRYKGQLEK\*II\*IQSSKNCTNRDSTH\*GKEKSGAERKKGSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQLAEGCGGATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHHCCALE\*\*LE\*\*IYSRYLE\*HDLDGVGKRS\*QLHKLNIQLA\*RLAEPARKK\*TRIIVIG\*MGKFVELV\*HNTMAVVYKDIHNDSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRLL

>B.2007.JF320072.-

MEPVDPRLEPWKHPGSQPKTACNTCYCKKCCFHCQVCFTTKGLGISYGRKKRKRRRRPPHDNQNHQVSLSKQ\*VVHVMQSLEIAAIVALVVAIIIAIVVWTIVLIEYKKILRQKEIDRLIDRIRERAEDSGNESEGDQEELSALVVERGHHAPWDVDDL\*CCRTRVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRP\*PTRSRIEKCNRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKTMCKINPTLYYFKLH\*LY\*\*LH\*\*LHQYHY\*NDKERNEKLLFQY\*HNNKR\*GAEKICAFL\*T\*YSANG\*Y\*\*Y\*L\*IDKL\*YLSHYTGLSKGNF\*ANSYTLLCPSWFCDSEM\*G\*KIQWNRTMWKCQHSTMYTWNHTSSINTTAVKWQSSRGRGSN\*ICQSLRQY\*KYNSTAERPCKHYLYETQQ\*YKEKYNYRTRESILYNRRSNGRHKASTL\*H\*\*SSMGGRFETDKYKTRRTI\*E\*NNSL\*SISRRGLRDYNAHF\*LWRRIFLL\*YNTTV\*QYLE\*YWRVLE\*DWRVK\*HGKKWHNHTPMQNKTNYKHVAESRKSNICPSHQRTN\*MFIKHYRADINKRWW\*\*\*\*HHLRDLQTWRRRYKGQLEK\*II\*IQSSKNCTNRDSTH\*GKEKSGAERKKGSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQLAEGCGGATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHHCCALE\*\*LE\*\*IYSRYLE\*HDLDGVGKRS\*QSHKLNIQLA\*RLAEPARKK\*TRIIVIG\*MGKFVELV\*HNTMAVVYKDIHNDSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIVSDPPPSSEGTRQARRNRRRRWRKRQRQIRLL

>B.2007.JF320076.-

MEPVDPRLEPWKHPGSQPKTACNTCYCKKCCFHCQVCFTTKGLGISYGRKKRKQRRRPPHDNQNHQVSLSKQ\*VVHVMQSLEIAAIVALVVAIIIAIVVWTIVLIEYKKILRQKEIDRLIDRIRERAEDSGNESEGDQEELSALVVERGHHAPWDVDDL\*CCRTRVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRP\*PTRSRIEKCNRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKTMCKINPTLYYFKLH\*LY\*\*LH\*\*LHQYHY\*NDKERNEKLLFQY\*HNNKR\*GAEKYALFYKLDIVQMDDTDNTSYRLISCNTSVITQACPKVTFEPIPIHYCAPAGFAILKCRDKRFNGTGPCGNVSTVQCTHGITPAVSTQLLLNGSLAEEEVVIRSANLSDNTKNIIVQLKDPVNITCMRPSNNTRKSITIGPGRAFYTTGEVTGDIRQAHCNISEAAWEDALRQISTKLGEQFKNRTIVFNQSAGGDLEIIMHTFNCGGEFFYCNTTQLFNSTWNSTGESWNRTGGSNNTGRNGTITLQCRIKQIINMWQKVGKAIYAPPIKGLIRCSSNITGLILTRDGGNNNSTISEIFRPGGGDIRDNWRSELYKYKVVKIVPIGIAPTKAKRRVVQREKRAVGIGAMFLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQNNLLRAVEAQQHLLQLTVWGIKQLQARVLAVERCLKDQQLLGIWGCSGKLICTTAVPWNNSWSNRSIADIWNNMTWMEWEKEVDNYTNLIYNLLEDSQNQQEKNEQELLSLDKWANLWNWFNITQWLWYIKIFIMIVGGLIGLRIVFTALSIVNRVRQGYSPLSFQTLLPVPGGPDRPGGIEEEGGERDRNRSGYL

>B.2007.JF320077.-

MEPVDPRLEPWKHPGSQPKTACNTCYCKKCCFHCQVCFTTKGLGISYGRKKRKQRRRPPHDNQNHQVSLSKQ\*VVHVMQSLEIAAIVALVVAIIIAIVVWTIVLIEYKKILRQKEIDRLIDRIRERAEDSGNESEGDQEELSALVVERGHHAPWDVDDL\*CCRTRVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRP\*PTRSRIEKCNRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKTMCKINPTLYYFKLH\*LY\*\*LH\*\*LHQYHY\*NDKERNEKLLFQY\*HNNKR\*GAEKICAFL\*T\*YSANG\*Y\*\*Y\*L\*IDKL\*YLSHYTGLSKGNF\*ANSYTLLCPSWFCDSEM\*G\*KIQWNRTMWKCQHSTMYTWNHTSSINTTAVKWQSSRGRGSN\*ICQSLRQY\*KYNSTAERPCKHYLYETQQ\*YKEKYNYRTRESILYNRRSNGRHKASTL\*H\*\*SSMGGRFETDKYKTRRTI\*E\*NNSL\*SISRRGLRDYNAHF\*LWRRIFLL\*YNTTV\*QYLE\*YWRVLE\*DWRVK\*HGKKWHNHTPMQNKTNYKHVAESRKSNICPSHQRTN\*MFIKHYRADINKRWW\*\*\*\*HHLRDLQTWRRRYKGQLEK\*II\*IQSSKNCTNRDSTH\*GKEKSGAERKKGSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQLAEGCGGATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHHCCALE\*\*LE\*\*IYSRYLE\*HDLDGVGKRS\*QLHKLNIQLA\*RLAEPARKK\*TRIIVIG\*MGKFVELV\*HNTMAVVYKDIHNDSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRLL

>B.2007.JF320080.-

MEPVDPRLEPWKHPGSQPKTACNTCYCKKCCFHCQVCFTTKGLGISYGRKKRKQRRRPPHDNQNHQVSLSKQ\*VVHVMQSLEIAAIVALVVAIIIAIVVWTIVLIEYKKILRQKEIDRLIDRIRERAEDSGNESEGDQEELSALVVERGHHAPWDVDDL\*CCRTRVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRP\*PTRSRIEKCNRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKTMCKINPTLYYFKLH\*LY\*\*LH\*\*LHQYHY\*NDKERNEKLLFQY\*HNNKR\*GAEKICAFL\*T\*YSANG\*Y\*\*Y\*L\*IDKL\*YLSHYTGLSKGNF\*ANSYTLLCPSWFCDSEM\*G\*KIQWNRTMWKCQHSTMYTWNHTSSINTTAVKWQSSRGRGSN\*ICQSLRQY\*KYNSTAERPCKHYLYETQQ\*YKEKYNYRTRESILYNRRSNGRHKASTL\*H\*\*SSMGGRFETDKYKTRRTI\*E\*NNSL\*SISRRGLRDYNAHF\*LWRRIFLL\*YNTTV\*QYLE\*YWRVLE\*DWRVK\*HGKKWHNHTPMQNKTNYKHVAESRKSNICPSHQRTN\*MFIKHYRADINKRWW\*\*\*\*HHLRDLQTWRRRYKGQLEK\*II\*IQSSKNCTNRDSTH\*GKEKSGAERKKGSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQLAEGCGGATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHHCCALE\*\*LE\*\*IYSRYLE\*HDLDGVGKRS\*QLHKLNIQLA\*RLAEPARKK\*TRIIVIG\*MGKFVELV\*HNTMAVVYKDIHNDSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRLL

>B.2006.JF320081.-

MDPVDPKLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAHQSSQTHQVSLSKQ\*VVHVMKPELILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLINRIAERAEDSGNESEGDQEELSALVERGQLVEMGHHAPWDVNDL\*GCRPNMGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKTMCKINPTLCYFKLH\*CK\*ECY\*\*\*\*\*\*RETDRERRNKKLLFQYHHKHKR\*SAERICPFL\*T\*CSTNK\*\*\*GQP\*\*\*L\*VDKL\*HLSHYTSLSKDNL\*ANSYTLLCPSWFCDSKV\*\*\*DVQWNRNM\*KCQHSTMYTWN\*ASSINSITIKWQPSRTRRSNQICQFQ\*QC\*NHNSTAERRCTN\*LYKTQQQYKKKYTYRTRESILCNRRHNRRHKTSTL\*H\*\*NKME\*HFTTNS\*KTKRKV\*E\*NNSL\*SILRRGPRNCNAQF\*L\*RGIFLL\*YNTTV\*\*YLEY\*\*CLE\*Y\*RVK\*HYHTPMQNKTNYKHVAGSRKSNVCPSHQRRN\*MFIKYYRAAINKGWWQ\*\*RD\*RD\*DIQAWRRRYEGQLEK\*VI\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGTRSFVPWVLGNSRKHYGRSVTDADGTGQTIIVWYSATAEQLAESY\*GATAYVETHSLGHQAAPGKSPGCGMVPKGSTAPGDLGLLWKNHLHHCCALEC\*LE\*\*ISKSNLG\*HDLDAMGKRNRQLHRHNIQIT\*NIAEPAGKK\*KRIVGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRQRQRQIRSL

>B.2006.JF320082.-

MDPVDPKLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAHQSSQTHQVSLSKQ\*VVHVMKPELILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLINRIAERAEDSGNESEGDQEELSALVERGQLVEMGHHAPWDVNDL\*GCRPNMGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKTMCKINPTLCYFKLH\*CK\*ECY\*\*\*\*\*\*RETDRERRNKKLLFQYHHKHKR\*SAERICPFL\*T\*CSTNK\*\*\*GQP\*\*\*L\*VDKL\*HLSHYTSLSKDNL\*ANSYTLLCPSWFCDSKV\*\*\*DVQWNRNM\*KCQHSTMYTWN\*ANSINSITIKWQPSRTRRSNQICQFQ\*QC\*NHNSTAERRCTN\*LYKTQQQYKKKYTYRTRESILCNRRHNRRHKTSTL\*H\*\*NKME\*HFTTNS\*KTKRKV\*E\*NNSL\*SILRRGPRNCNAQF\*L\*RGIFLL\*YNTTV\*\*YLEY\*\*CLE\*Y\*RVK\*HYHTPMQNKTNYKHVAGSRKSNVCPSHQRRN\*MFIKYYRAAINKGWWQ\*\*RD\*RD\*DIQAWRRRYEGQLEK\*VI\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGTRSFVPWVLGNSRKHYGRSVTDADGTGQTIIVWYSATAEQLAESY\*GATAYVETHSLGHQAAPGKSPGCGMVPKGSTAPGDLGLLWKNHLHHCCALEC\*LE\*\*ISKSNLG\*HDLDAMGKRNRQLHRHNIQIT\*NIAEPAGKK\*KRIVGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRQRQRQIRSL

>B.2006.JF320083.-

MEPVDPRLAPWEQPGSQPRTACTKCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPQDSKNHQDPLPKQ\*VVHVMQPLQIAAIVALVVAAIIAIVVWTIVLIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELLVEMGHHAPWDVDDL\*CYSQFVGHSLLWGTCVERSKYHSILCIRC\*GS\*YREA\*CLGHTCLCTHRPQPTRSGNGKCDRKF\*CMEK\*HGRTDAGGYDQSMGSKPKAMCKINPTLCYFRVL\*FE\*DR\*P\*\*\*WEGRTKKLLFQCHHKYKR\*GSERICTFL\*S\*YSTNR\*\*E\*\*YQ\*Y\*I\*VDTL\*HLSHYTGLSKGII\*ANSHTLLCPSWFCDSKM\*Q\*EFQWNRTLYKCQYSTMYTWN\*TSSVNSTAVKWQSSRKRDSD\*I\*KYQ\*\*C\*NHNSTAEKTCTN\*LYKTQQQYKKKYTYRTRESLLCNRGNNRRYKTSTLYP\*\*NTME\*HFRRDS\*KIRGNIWPK\*NNSL\*\*ILRRGPRNCYAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*WYLEWYRKFNYWKHHTHM\*NKTNYKHVAGSRKSNVRPSHKRTN\*LFIKYYRTVINKRWW\*R\*\*HQQYHRGL\*TWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVDDADGTSQTTIVWYSATAEQSAESY\*SATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*IYERYLG\*HDLDAVGQGNYQLHKSNIFLN\*RIAEPTRKE\*TRIIGIR\*VGQSDELVFHNKLAVVHKNIHNDSRRFGRFKNSFYCTFCSE\*S\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRKRQRQIHSI

>B.2006.JF320085.-

MEPVDPRLAPWEQPGSQPRTACTKCYCKKCCLHCQVCFMRKGLGISYGRKKRRQRRRSPQDSKNHQDPLPKQ\*VVHVMQPLQIAAIVALVVAAIIAIVVWTIVLIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELLVEMGHHAPWDVDDL\*CYSQFVGHSLLWGTCVERSKYHSILCIRC\*GS\*YREA\*CLGHTCLCTHRPQPTRSGNGKCDRKF\*CMEK\*HGRTDAGGYDQSMGSKPKAMCKINPTLCYFRVL\*FE\*DR\*P\*\*\*WEGRTKKLLFQCHHKYKR\*GSERICTFL\*S\*YSTNR\*\*E\*\*YQ\*Y\*I\*VDTL\*HLSHYTGLSKGII\*ANSHTFLCPSWFCDSKV\*Q\*EFQWNRTLYKCQYSTMYTWN\*TSSVNSTAVKWQSSRKRDSD\*I\*KYQ\*\*C\*NHNSTAEKTCTN\*LYKTQQQYKKKYTYRTRESLLCNRGNNRRYKTSTLYP\*\*NTME\*HFRRDS\*KIRGNIWPK\*NNSL\*\*ILRRGPRNCYAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*WYLEWYRKFNYWKHHTHM\*NKTNYKHVAGSRKSNVRPSHKRTN\*LFIKYYRTVINKRWW\*R\*\*HQQYHRGL\*TWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAKRKKSSGNRSSVPWVLGSSRKHYGRSVDDADGTSQTTIVWYSATAEQSAESY\*SATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*IYERYLG\*HDLDAVGQGNYQLHKSNIFLN\*RIAEPTRKE\*TRIIGIR\*VGQSDELVFHNKLAVVHKNIHNDSRRFGRFKNSFYCTFCSE\*S\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRKRQRQIHSI

>B.2006.JF320089.-

MEPVDPRLAPWEQPGSQPRTACTKCYCKKCCLHCQVCFMRKGLGISYGRKKRRQRRRSPQDSKNHQDPLPKQ\*VVHVMQPLQIAAIVALVVAAIIAIVVWTIVLIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELLVEMGHHAPWDVDDL\*CYSQFVGHSLLWGTCVERSKYHSILCIRC\*GS\*YREA\*CLGHTCLCTHRPQPTRSGNGKCDRKF\*CMEK\*HGRTDAGGYDQSMGSKPKAMCKINPTLCYFRVL\*FE\*DR\*P\*\*\*WEGRTKKLLFQCHHKYKR\*GSERICTFL\*S\*YSTNR\*\*E\*\*YQ\*Y\*I\*VDTL\*HLSHYTGLSKGII\*ANSHTFLCPSWFCDSKV\*Q\*EFQWNRTLYKCQYSTMYTWN\*TSSVNSTAVKWQSSRKRDSD\*I\*KYQ\*\*C\*NHNSTAEKTCTN\*LYKTQQQYKKKYTYRTRESLLCNRGNNRRYKTSTLYP\*\*NTME\*HFRRDS\*KIRGNIWPK\*NNSL\*\*ILRRGPRNCYAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*WYLEWYRKFNYWKHHTHM\*NKTNYKHVAGSRKSNVRPSHKRTN\*LFIKYYRTVINKRWW\*R\*\*HQQYHRGL\*TWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAKRKKSSGNRSSVPWVLGSSRKHYGRSVDDADGTSQTTIVWYSATAEQSAESY\*SATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*IYERYLG\*HDLDAVGQGNYQLHKSNIFLN\*RIAEPTRKE\*TRIIGIR\*VGQSDELVFHNKLAVVHKNIHNDSRRFGRFKNSFYCTFCSE\*S\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRKRQRQIHSI

>B.2006.JF320090.-

MEPVDPRLAPWEQPGSQPRTACTKCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPQDSKNHQDPLPKQ\*VVHVMQPLQIAAIVALVVAAIIAIVVWTIVLIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELLVEMGHHAPWDVDDL\*CYSQFVGHSLLWGTCVERSKYHSILCIRC\*GS\*YREA\*CLGHTCLCTHRPQPTRSGNGKCDRKF\*CMEK\*HGRTDAGGYDQSMGSEPKAMCKINPTLCYFRVL\*FE\*DR\*P\*\*\*WEGRTKKLLFQCHHKYKR\*GSERICTFL\*S\*YSTNR\*\*E\*\*YQ\*Y\*I\*VDTL\*HLSHYTGLSKGII\*ANSHTFLCPSWFCDSKV\*Q\*EFQWNRTLYKCQYSTMYTWN\*TSSVNSTAVKWQSSRKRDSD\*I\*KYQ\*\*C\*NHNSTAEKTCTN\*LYKTQQQYKKKYTYRTRESLLCNRGNNRRYKTSTLYP\*\*NTME\*HFRRDS\*KIRGNIWPK\*NNSL\*\*ILRRGPRNCYAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*WYLEWYRKFNYWKHHTHM\*NKTNYKHVAGSRKSNVRPSHKRTN\*LFIKYYRTVINKRWW\*R\*\*HQQYHRGL\*TWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAKRKKSSGNRSSVPWVLGSSRKHYGRSVDDADGTSQTTIVWYSATAEQSAESY\*SATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*IYERYLG\*HDLDAVGQGNYQLHKSNIFLN\*RIAEPTRKE\*TRIIGIR\*VGQSDELVFHNKLAVVHKNIHNDSRRFGRFKNSFYCTFCSE\*S\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRKRQRQIHSI

>B.2006.JF320094.-

MEPVDPRLAPWEQPGSQPRTACTKCYCKKCCLHCQVCFMRKGLGISYGRKKRRQRRRSPQDSKNHQDPLPKQ\*VVHVMQPLQIAAIVALVVAAIIAIVVWTIVLIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELLVEMGHHAPWDVDDL\*CYSQFVGHSLLWGTCVERSKYHSILCIRC\*GS\*YREA\*CLGHTCLCTHRPQPTRSGNGKCDRKF\*CMEK\*HGRTDAGGYDQSMGSKPKAMCKINPTLCYFRVL\*FE\*DR\*P\*\*\*WEGRTKKLLFQCHHKYKR\*GSERICTFL\*S\*YSTNR\*\*E\*\*YQ\*Y\*I\*VDTL\*HLSHYTGLSKGII\*ANSHTFLCPSWFCDSKV\*Q\*EFQWNRTLYKCQYSTMYTWN\*TSSVNSTAVKWQSSRKRDSD\*I\*KYQ\*\*C\*NHNSTAEKTCTN\*LYKTQQQYKKKYTYRTRESLLCNRGNNRRYKTSTLYP\*\*NTME\*HFRRDS\*KIRGNIWPK\*NNSL\*\*ILRRGPRNCYAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*WYLEWYRKFNYWKHHTHM\*NKTNYKHVAGSRKSNVRPSHKRTN\*LFIKYYRTVINKRWW\*R\*\*HQQYHRGL\*TWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAKRKKSSGNRSSVPWVLGSSRKHYGRSVDDADGTSQTTIVWYSATAEQSAESY\*SATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*IYERYLG\*HDLDAVGQGNYQLHKSNIFLN\*RIAEPTRKE\*TRIIGIR\*VGQSDELVFHNKLAVVHKNIHNDSRRFGRFKNSFYCTFCSE\*S\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRKRQRQIHSI

>B.2006.JF320095.-

MEPVDPRLAPWEQPGSQPRTACTKCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPQDSKNHQDPLPKQ\*VVHVMQPLQIAAIVALVVAAIIAIVVWTIVLIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELLVEMGHHAPWDVDDL\*CYSQFVGHSLLWGTCVERSKYHSILCIRC\*GS\*YREA\*CLGHTCLCTHRPQPTRSGNGKCDRKF\*CMEK\*HGRTDAGGYDQSMGSKPKAMCKINPTLCYFRVL\*FE\*DR\*P\*\*\*WEGRTKKLLFQCHHKYKR\*GSERICTFL\*S\*YSTNR\*\*E\*\*YQ\*Y\*I\*VDTL\*HLSHYTGLSKGII\*ANSHTFLCPSWFCDSKV\*Q\*EFQWNRTLYKCQYSTMYTWN\*TSSVNSTAVKWQSSRKRDSD\*I\*KYQ\*\*C\*NHNSTAEKTCTN\*LYKTQQQYKKKYTYRTRESLLCNRGNNRRYKTSTLYP\*\*NTME\*HFRRDS\*KIRGNIWPK\*NNSL\*\*ILRRGPRNCYAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*WYLEWYRKFNYWKHHTHM\*NKTNYKHVAGSRKSNVRPSHKRTN\*LFIKYYRTVINKRWW\*R\*\*HQQYHRGL\*TWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAKRKKSSGNRSSVPWVLGSSRKHYGRSVDDADGTSQTTIVWYSATAEQSAESY\*SATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*IYERYLG\*HDLDAVGQGNYQLHKSNIFLN\*RIAEPTRKE\*TRIIGIR\*VGQSDELVFHNKLAVVHKNIHNDSRRFGRFKNSFYCTFCSE\*S\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRKRQRQIHSI

>B.2006.JF320096.-

MEPVDPRLAPWEQPGSQPRTACTKCYCKKCCLHCQVCFMRKGLGISYGRKKRRQRRRSPQDSKNHQDPLPKQ\*VVHVMQPLQIAAIVALVVAAIIAIVVWTIVLIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELLVEMGHHAPWDVDDL\*CYSQFVGHSLLWGTCVERSKYHSILCIRC\*GS\*YREA\*CLGHTCLCTHRPQPTRSGNGKCDRKF\*CMEK\*HGRTDAGGYDQSMGSKPKAMCKINPTLCYFRVL\*FE\*DR\*P\*\*\*WEGRTKKLLFQCHHKYKR\*GSERICTFL\*S\*YSTNR\*\*E\*\*YQ\*Y\*I\*VDTL\*HLSHYTGLSKGII\*ANSHTFLCPSWFCDSKV\*Q\*EFQWNRTLYKCQYSTMYTWN\*TSSVNSTAVKWQSSRKRDSD\*I\*KYQ\*\*C\*NHNSTAEKTCTN\*LYKTQQQYKKKYTYRTRESLLCNRGNNRRYKTSTLYP\*\*NTME\*HFRRDS\*KIRGNIWPK\*NNSL\*\*ILRRGPRNCYAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*WYLEWYRKFNYWKHHTHM\*NKTNYKHVAGSRKSNVRPSHKRTN\*LFIKYYRTVINKRWW\*R\*\*HQQYHRGL\*TWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAKRKKSSGNRSSVPWVLGSSRKHYGRSVDDADGTSQTTIVWYSATAEQSAESY\*SATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*IYERYLG\*HDLDAVGQGNYQLHKSNIFLN\*RIAEPTRKE\*TRIIGIR\*VGQSDELVFHNKLAVVHKNIHNDSRRFGRFKNSFYCTFCSE\*S\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRKRQRQIHSI

>B.2006.JF320097.-

MEPVDPRLAPWEQPGSQPRTACTKCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPQDSKNHQDPLPKQ\*VVHVMQPLQIAAIVALVVAAIIAIVVWTIVLIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELLVEMGHHAPWDVDDL\*CYSQFVGHSLLWGTCVERSKYHSILCIRC\*GS\*YREA\*CLGHTCLCTHRPQPTRSGNGKCDRKF\*CMEK\*HGRTDAGGYDQSMGSKPKAMCKINPTLCYFRVL\*FE\*DR\*P\*\*\*WEGRTKKLLFQCHHKYKR\*GSERICTFL\*S\*YSTNR\*\*E\*\*YQ\*Y\*I\*VDTL\*HLSHYTGLSKGII\*ANSHTFLCPSWFCDSKV\*Q\*EFQWNRTLYKCQYSTMYTWN\*TSSVNSTAVKWQSSRKRDSD\*I\*KYQ\*\*C\*NHNSTAEKTCTN\*LYKTQQQYKKKYTYRTRESLLCNRGNNRRYKTSTLYP\*\*NTME\*HFRRDS\*KIRGNIWPK\*NNSL\*\*ILRRGPRNCYAQF\*LWRGIFLL\*LNTTV\*\*YLEC\*WYLEWYRKFNYWKHHTHM\*NKTNYKHVAGSRKSNVRPSHKRTN\*LFIKYYRTVINKRWW\*R\*\*HQQYHRGL\*TWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAKRKKSSGNRSSVPWVLGSSRKHYGRSVDDADGTSQTTIVWYSATAEQSAESY\*SATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*IYERYLG\*HDLDAVGQGNYQLHKSNIFLN\*RIAEPTRKE\*TRIIGIR\*VGQSDELVFHNKLAVVHKNIHNDSRRFGRFENSFYCTFCSE\*S\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRKRQRQIHSI

>B.2006.JF320098.-

MEPVDPRLAPWEQPGSQPRTACTKCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPQDSKNHQDPLPKQ\*VVHVMQPLQIAAIVALVVAAIIAIVVWTIVLIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELLVEMGHHAPWDVDDL\*CYSQFVGHSLLWGTCVERSKYHSILCIRC\*GS\*YREA\*CLGHTCLCTHRPQPTRSGNGKCDRKF\*CMEK\*HGRTDAGGYDQSMGSKPKAMCKINPTLCYFRVL\*FE\*DR\*P\*\*\*WEGRTKKLLFQCHHKYKR\*GSERICTFL\*S\*YSTNR\*\*E\*\*YQ\*Y\*I\*VDTL\*HLSHYTGLSKGII\*ANSHTFLCPSWFCDSKV\*Q\*EFQWNRTLYKCQYSTMYTWN\*TSSVNSTAVKWQSSRKRDSD\*I\*KYQ\*\*C\*NHNSTAEKTCTN\*LYKTQQQYKKKYTYRTRESLLCNRGNNRRYKTSTLYP\*\*NTME\*HFRRDS\*KIRGNIWPK\*NNSL\*\*ILRRGPRNCYAQF\*LWRGIFLL\*FNTTV\*\*YLEC\*WYLEWYRKFNYWKHHTHM\*NKTNYKHVAGSRKSNVRPSHKRTN\*LFIKYYRTVINKRWW\*R\*\*HQQYHRGL\*TWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAKRKKSSGNRSSVPWVLGSSRKHYGRSVDDADGTSQTTIVWYSATAEQSAESY\*SATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*IYERYLG\*HDLDAVGQGNYQLHKSNIFLN\*RIAEPTRKE\*TRIIGIR\*VGQSDELVFHNKLAVVHKNIHNDSRRFGRFKNSFYCTFCSE\*S\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRKRQRQIHSI

>B.2007.JF320099.-

MDPVDPRLEPWQHPGSQPKTPCTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRAPQNCQTHQVSLSKQ\*VVHVMQSLYIYAIVALVVAVILAIIVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*CCTTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*NRGT\*CLGHACLCTHRSQPTRISIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKFKAMCEINPTLCYFKVH\*C\*NQQ\*YQCY\*YQYKKLYFQHHNKHKR\*AAERKSTVLQR\*YSTHR\*\*\*\*\*\*EY\*\*LYQIQVDKV\*HLSHYTGLSKSILSANSYTLLCPGWFCDSKMQ\*EKVQWNRTMYKCQHSTMYTWD\*ASSVNSTTAKWQSSRRRGSN\*ICQFLG\*Y\*KHNSTAERTCKN\*LYKT\*QQYKEKYKYRTR\*SILCNKRHNRRYKTSTL\*H\*\*RRLESDFKPDSW\*IKRNIYK\*NNSL\*SLLRRGPRNCNTQF\*LWGGVFLL\*FNTII\*QYLE\*YYRDREHYRKYYYTPMQNKTNYKYVAGSRKSNVCPSHQRNN\*LFIKYYRADINKRWG\*\*\*DQWT\*DLQTSRRKYEG\*LEK\*II\*I\*SSKDRTIRSSTHQGKEKSGAERKKSNRTRSCVHWVLGSSRKHYGRSVSDADGTGQTIVVWYSATAEQLAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGPTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NV\*HNLGQLDLDAVG\*RN\*QLYKLNIQIN\*RIANTAGKK\*TRTIRIR\*MGKFVELV\*HNKLAVVYKNIHNNNRRLGRLKNSFCCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRARQRQIRTI

>B.2007.JF320100.-

MDPVDPRLEPWQHPGSQPKTPCTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRAPQNCQTHQVSLSKQ\*VVHVMQSLYIYAIVALVVAVILAIIVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*CCTTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*NRGT\*CLGHACLCTHRSQPTRISIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKFKAMCEINPTLCYFKVH\*C\*NQQ\*YQCY\*YQYKKLYFQHHNKHKR\*AAERKSTVLQR\*YSTHR\*\*\*\*\*\*EY\*\*LYQIQVDKV\*HLSHYTGLSKSILSANSYTLLCPGWFCDSKMQ\*EKVQWNRTMYKCQHSTMYTWD\*ASSVNSTTAKWQSSRRRGSN\*ICQFLG\*Y\*KHNSTAERTCKN\*LYKT\*QQYKEKYKYRTR\*SILCNRRHNRRYKTSTL\*H\*\*RRLESDFKPDSW\*IKRNIYK\*NNSL\*SLLRRGPRNCNTQF\*LWGGVFLL\*FNTII\*QYLE\*YYRDREHYRKYYYTPMQNKTNYKYVAGSRKSNVCPSHQRNN\*LFIKYYRADINKRWG\*\*\*DQWT\*DLQTSRRKYEG\*LEK\*II\*I\*SSKDRTIRSSTHQGKEKSGAERKKSNRTRSCVHWVLGSSRKHYGRSVSDADGTGQTIVVWYSATAEQLAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGPTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NV\*HNLGQLDLDAVG\*RN\*QLYKLNIQIN\*RIANTAGKK\*TRTIGIR\*MGKFVELV\*HNKLAVVYKNIHNNNRRLGRLKNSFCCTFYSE\*S\*AGILTIVVSDPPPRPEGTRQARRNRRRRWRARQRQIRTI

>B.2007.JF320103.-

MDPVDPRLEPWQHPGSQPKTPCTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRAPQNCQTHQVSLSKQ\*VVHVMQSLYIYAIVALVVAVILAIIVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*CCTTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*NRGT\*CLGHACLCTHRSQPTRISIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKFKAMCEINPTLCYFKVH\*C\*NQQ\*YQCY\*YQYKKLYFQHHNKHKR\*AAERKSTVLQR\*YSTHR\*\*\*\*\*\*EY\*\*LYQIQVDKV\*HLSHYTGLSKSILSANSYTLLCPGWFCDSKMQ\*EKVQWNRTMYKCQHSTMYTWD\*ASSVNSTTAKWQSSRRRGSN\*ICQFLG\*Y\*KHNSTAERTCKN\*LYKT\*QQYKEKYKYRTR\*SILCNRRHNRRYKTSTL\*H\*\*RRLESDFKPDSW\*IKRNIYK\*NNSL\*SLLRRGPRNCNTQF\*LWGGVFLL\*FNTII\*QYLE\*YYRDREHYRKYYYTPMQNKTNYKYVAGSRKSNVCPSHQRNN\*LFIKYYRADINKRWG\*\*\*DQWT\*DLQTSRRKYEG\*LEK\*II\*I\*SSKDRTIRSSTHQGKEKSSAERKKSNRTRSCVHWVLGSSRKHYGRSVSDADGTGQTIVVWYSATAEQLAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGPTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NV\*HNLGQLDLDAVG\*RN\*QLYKLNIQIN\*RIANTAGKK\*TRTIGIR\*MGKFVELV\*HNKLAVVYKNIHNNNRRLGRLKNSFCCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRARQRQIRTI

>B.2007.JF320106.-

MDPVDPRLEPWQHPGSQPKTPCTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRAPQNCQTHQVSLSKQ\*VVHVMQSLYIYAIVALVVAVILAIIVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*CCTTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*NRGT\*CLGHACLCTHRSQPTRISIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKFKAMCEINPTLCYFKVH\*C\*NQQ\*YQCY\*YQYKKLYFQHHNKHKR\*AAERKSTVLQR\*YSTHR\*\*\*\*\*\*EY\*\*LYQIQVDKV\*HLSHYTGLSKSILSANSYTLLCPGWFCDSKMQ\*EKVQWNRTMYKCQHSTMYTWD\*ASSVNSTTAKWQSSRRRGSN\*ICQFLG\*Y\*KHNSTAERTCKN\*LYKT\*QQYKEKYKYRTR\*SILCNRRHNRRYKTSTL\*H\*\*RRLESDFKPDSW\*IKRNIYK\*NNSL\*SLLRGGPRNCNTQF\*LWGGVFLL\*FNTII\*QYLE\*YYRDREHYRKYYYTPMQNKTNYKYVAGSRKSNVCPSHQRNK\*LFIKYYRADINKRWG\*\*\*DQWT\*DLQTSRRKYEG\*LEK\*II\*I\*SSKDRTIRSSTHQGKEKSGAERKKSNRTRSCVHWVLGSSRKHYGRSVSDADGTGQTIVVWYSATAEQLAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGPTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NV\*HNLGQLDLDAVG\*RN\*QLYKLNIQIN\*RIANTAGKK\*TRTIGIR\*MGKFVELV\*HNKLAVVYKNIHNNNRRLGRLKNSFCCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRARQRQIRTI

>B.2007.JF320107.-

MDPVDPRLEPWQHPGSQPKTPCTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRAPQNCQTHQVSLSKQ\*VVHVMQSLYIYAIVALVVAVILAIIVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*CCTTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*NRGT\*CLGHACLCTHRSQPTRISIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKFKAMCEINPTLCYFKVH\*C\*NQQ\*YQCY\*YQYKKLYFQHHNKHKR\*AAERKSTVLQR\*YSTHR\*\*\*\*\*\*KY\*\*LYQIQVDKV\*HLSHYTGLSKSILSANSYTLLCPGWFCDSKMQ\*EKVQWNRTMYKCQHSTMYTWD\*ASSVNSTTAKWQSSRRRGSN\*ICQFLG\*Y\*KHNSTAERTCKN\*LYKT\*QQYKEKYKYRTR\*SILCNRRHNRRYKTSTL\*H\*\*RRLESDFKPDSW\*IKRNIYK\*NNSL\*SLLRRGPRNCNTQF\*LWGGVFLL\*FNTII\*QYLE\*YYRDREHYRKYYYTPMQNKTNYKYVAGSRKSNVCPSHQRNN\*LFIKYYRADINKRWG\*\*\*DQWT\*DLQTSRRKYEG\*LEK\*II\*I\*SSKDRTIRSSTHQGKEKSGAERKKSNRTRSCVHWVLGSSRKHYGRSVSDADGTGQTIVVWYSATAEQLAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGPTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NV\*HNLGQLDLDAVG\*RN\*QLYKLNIQIN\*RIANTAGKK\*TRTIGIR\*MGKFVELV\*HNKLAVVYKNIHNNNRRLGRLKNSFCCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRARQRQIRTI

>B.2007.JF320110.-

MDPVDPRLEPWQHPGSQPKTPCTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRAPQNCQTHQVSLSKQ\*VVHVMQSLYIYAIVALVVAVILAIIVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*CCTTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*NRGT\*CLGHACLCTHRSQPTRISIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKFKAMCEINPTLCYFKVH\*C\*NQQ\*YQCY\*YQYKKLYFQHHNKHKR\*AAERKSTVLQR\*YSTHR\*\*\*\*\*\*EY\*\*LYQIQVDKV\*HLSHYTGLSKSILSANSYTLLCPGWFCDSKMQ\*EKVQWNRTMYKCQHSTMYTWD\*ASSVNSTTAKWQSSRRRGSN\*ICQFLG\*Y\*KHNSTAERTCKN\*LYKT\*QQYKEKYKYRTR\*SILCNRRHNRRYKTSTL\*H\*\*RRLESDFKPDSW\*IKRNIYK\*NNSL\*SLLRRGPRNCNTQF\*LWGGVFLL\*FNTII\*QYLE\*YYRDREHYRKYYYTPMQNKTNYKYVAGSRKSNVCPSHQRNN\*LFIKYYRADINKRWG\*\*\*DQWT\*DLQTSRRKYEG\*LEK\*II\*I\*SSKDRTIRSSTHQGKEKSGAERKKSNRTRSCVHWVLGSSRKHYGRSVSDADGTGQTIVVWYSATAEQLAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGPTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NV\*HNLGQLDLDAVG\*RN\*QLYKLNIQIN\*RIANTAGKK\*TRTIGIR\*MGKFVELV\*HNKLAVVYKNIHNNNRRLGRLKNSFCCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRARQRQIRTI

>B.2007.JF320111.-

MDPVDPRLEPWQHPGSQPKTPCTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRAPQNCQTHQVSLSKQ\*VVHVMQSLYIYAIVALVVAVILAIIVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*CCTTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*NRGT\*CLGHACLCTHRSQPTRISIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKFKAMCEINPTLCYFKVH\*C\*NQQ\*YQCY\*YQYKKLYFQHHNKHKR\*AAERKSTVLQR\*YSTHR\*\*\*\*\*\*EY\*\*LYQIQVDKV\*HLSHYTGLSKSILSANSYTLLCPGWFCDSKMQ\*EKVQWNRTMYKCQHSTMYTWD\*ASSVNSTTAKWQSSRRRGSN\*ICQFLG\*Y\*KHNSTAERTCKN\*LYKT\*QQYKEKYKYRTR\*SILCNRRHNRRYKTSTL\*H\*\*RRLESDFKPDSW\*IKRNIYK\*NNSL\*SLLRRGPRNCNTQF\*LWGGVFLL\*FNTII\*QYLE\*YYRDREHYRKYYYTPMQNKTNYKYVAGSRKSNVCPSHQRNN\*LFIKYYRADINKRWG\*\*\*DQWT\*DLQTSRRKYEG\*LEK\*II\*I\*SSKDRTIRSSTHQGKEKSGAERKKSNRTRSCVHWVLGSSRKHYGRSVSDADGTGQTIVVWYSATAEQLAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGPTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NV\*HNLGQLDLDAVG\*RN\*QLYKLNIQIN\*RIANTAGKK\*TRTIGIR\*MGKFVELV\*HNKLAVVYKNIHNNNRRLGRLKNSFCCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRARQRQIRTI

>B.2007.JF320114.-

MDPVDPRLEPWQHPGSQPKTPCTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRAPQNCQTHQVSLSKQ\*VVHVMQSLYIYAIVALVVAVILAIIVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*CCTTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*NRGT\*CLGHACLCTHRSQPTRISIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKFKAMCEINPTLCYFKVH\*C\*NQQ\*YQCY\*YQYKKLYFQHHNKHKRQAAERESTVLQR\*YSTHR\*\*\*\*\*\*EY\*\*LYQIQVDKV\*HLSHYTGLSKSILSANSYTLLCPGWFCDSKMQ\*EKVQWNRTMYKCQHSTMYTWD\*ASSVNSTTAKWQSSRRRGSN\*ICQFLG\*Y\*KHNSTAERTCKN\*LYKT\*QQYKEKYKYRTR\*SILCNRRHNRRYKTSTL\*H\*\*RRLESDFKPDSW\*IKRNIYK\*NNSL\*SLLRRGPRNCNTQF\*LWGGVFLL\*FNTII\*QYLE\*YYRDREHYRKYYYTPMQNKTNYKYVAGSRKSNVCPSHQRNN\*LFIKYYRADINKRWG\*\*\*DQWT\*DLQTSRRKYEG\*LEK\*II\*I\*SSKDRTIRSSTHQGKEKSGAERKKSNRTRSCVHWVLGSSRKHYGRSVSDADGTGQTIVVWYSATAEQLAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGPTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NV\*HNLGQLDLDAVG\*RN\*QLYKLNIQIN\*RIANTAGKK\*TRTIGIR\*MGKFVELV\*HNKLAVVYKNIHNNNRRLGRLKNSFCCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRARQRQIRTI

>B.2007.JF320116.-

MEPVDPRLEPWKHPGSQPKTACNTCYCKKCCFHCQVCFTTKGLGISYGRKKRKQRRRPPHDNQNHQVSLSKQ\*VVHVMQSLEIAAIVALVVAIIIAIVVWTIVLIEYKKILRQKEIDRLIDRIRERAEDSGNESEGDQEELSALVVERGHHAPWDVDDL\*CCRTRVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRP\*PTRSRIEKCNRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKTMCKINPTLYYFKLH\*LY\*\*LH\*\*LHQYHY\*NDKERNEKLLFQY\*HNNKR\*GAEKICAFL\*T\*YSANG\*Y\*\*Y\*L\*IDKL\*YLSHYTGLSKGNF\*ANSYTLLCPSWFCDSEM\*G\*KIQWNRTMWKCQHSTMYTWNHTSSINTTAVKWQSSRGRGSN\*ICQSLRQY\*KYNSTAERPCKHYLYETQQ\*YKEKYNYRTRESILYNRRSNGRHKASTL\*H\*\*SSMGGRFETDKYKTRRTI\*E\*NNSL\*SISRRGLRDYNAHF\*LWRRIFLL\*YNTTV\*QYLE\*YWRVLE\*DWRVK\*HGKKWHNHTPMQNKTNYKHVAESRKSNICPSHQRTN\*MFIKHYRADINKRWW\*\*\*\*HHLRDLQTWRRRYKGQLEK\*II\*IQSSKNCTNRDSTH\*GKEKSGAERKKGSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQLAEGCGGATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHHCCALE\*\*LE\*\*IYSRYLE\*HDLDGVGKRS\*QSHKLNIQLA\*RLAEPARKK\*TRIIVIG\*MGKFVELV\*HNTMAVVYKDIHNDSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIVSDPPPSSEGTRQARRNRRRRWRKRQRQIRLL

>B.2007.JF320117.-

MDPVDPRLEPWQHPGSQPKTPCTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRAPQGCQTHQVSLSKQ\*VVHVMQSLYIYAIVALVVAAILAIIVWSIVFIEYRKILRQRKIDRSIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWNVDDL\*CCTTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*NRGT\*CLGHACLCTHRSQPTRISIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKFKAMCEINPTLCYFKLH\*C\*NQQ\*YQCY\*YQY\*\*YQDY\*SNKRLYFQHHNKHKR\*AAERKSTVLQR\*YSTHR\*\*\*\*\*\*EY\*\*LYQIQVDKV\*HLSHYTGLSKSILSANSYTLLCPGWFCDSKMQ\*EKVQWNRTMYKCQHSTMYTWD\*ASSVNSTTAKWQSSRRRGSN\*ICQFLG\*Y\*KHNSTAERTCKN\*LYKT\*QQYKEKYKYRTR\*SILCNRRHNRRYKTSTL\*H\*\*RRLESDFKPDSW\*IKRNIYK\*NNSL\*SLLRRGPRNCNTQF\*LWGGVFLL\*FNTII\*QYLE\*YYRDREHYRKYYYTPMQNKTNYKYVAGSRKSNVCPSHQRNN\*LFIKYYRADINKRWG\*\*\*DQWT\*DLQTSRRKYEG\*LEK\*TI\*I\*SSKDRTIRSSTHQGKEKSGAERKKSNRTRSCVHWVLGSSRKHYGRSVSDADGTGQTIVVWYSATAEQLAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGPTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NV\*HNLGQLDLDAVG\*RN\*QLYKLNIQIN\*RIANTAGKK\*TRTIGIR\*MGKFVELV\*HNKLAVVYKNIHNNNRRLGRLKNSFCCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRARQRQIRTI

>B.2007.JF320119.-

MDPVDPRLEPWQHPGSQPKTPCTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRAPQNCQTHQVSLSKQ\*VVHVMQSLYIYAIVALVVAVILAIIVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*CCTTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*NRGT\*CLGHACLCTHRSQPTRISIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKFKAMCEINPTLCYFKVH\*C\*NQQ\*YQCY\*YQYKKLYFQHHNKHKR\*AAERKSTVLQR\*YSTHR\*\*\*\*\*\*EY\*\*LYQIQVDKV\*HLSHYTGLSKSILSANSYTLLCPGWFCDSKMQ\*EKVQWNRTMYKCQHSTMYTWD\*ASSVNSTTAKWQSSRRRGSN\*ICQFLG\*Y\*KHNSTAERTCKN\*LYKT\*QQYKEKYKYRTR\*SILCNRRHNRRYKTSTL\*H\*\*RRLESDFKPDSW\*IKRNIYK\*NNSL\*SLLRRGPRNCNTQF\*LWGGVFLL\*FNTII\*QYLE\*YYRDREHYRKYYYTPMQNKTNYKYVAGSRKSNVCPSHQRNN\*LFIKYYRADINKRWG\*\*\*DQWT\*DLQTSRRKYEG\*LEK\*II\*I\*SSKDRTIRSSTHQGKEKSGAERKKSNRTRSCVHWVLGSSRKHYGRSVSDADGTGQTIVVWYSATAEQLAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGPTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NV\*HNLGQLDLDAVG\*RN\*QLYKLNIQIN\*RIANTAGKK\*TRTIGIR\*MGKFVELV\*HNKLAVVYKNIHNNNRRLGRLKNSFCCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRARQRQIRTI

>B.2006.JF320120.-

MEPVDPRLEPWKHPGSQPKTSCNKCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSKTHQEYLPKQ\*VVYVMQSLYILGVVAIVVAAILAIVVWTIIYLEYRKIVRQRKIDRLIERISERAEDSGNESEGDQEELSALVDMGHLAPWDVNDL\*CYRTIVGHSLLWGTCVERSYHHSILCIRC\*SI\*DREA\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPQAMCKINSTLCYFKLH\*F\*EYYY\*\*EQYY\*\*H\*\*\*CGNNAE\*RNKKLLFQCHHKHKR\*DEKRTCTFL\*S\*YSTNR\*\*\*\*EN\*\*Y\*L\*VDKL\*HLSHYTGLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWKRTMYKCQHSTMYTWN\*TSSVNSITVKWQSSRKRDSN\*IRQFLGQC\*NHNSTAE\*IYSN\*LYKTQQQYKKKHTYRTRQSILYNRRYNRRHKTSTL\*H\*\*SKME\*HFTEDSYKIKRTIWE\*NNNL\*QILRRGPRNCNAQF\*LWRGIFLL\*YITAV\*\*FLES\*\*Y\*RDR\*YHTPM\*NKTNCKHVAGSRKGNVCPSHCRTN\*MFIKYYRADINKRWW\*\*\*\*HKRD\*DIQTWRRKYEGQLEK\*II\*IQSSRN\*TIRNSTHQGKEESGAKRKKSSGNDRSYDPWVLGSSRKHYGRSVDNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*IFE\*DLG\*HDLDGVGKRN\*QLHKLNIQLT\*RIAKPTRKE\*TRIIRIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRFDRFKNNFCCAFYSE\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRRKQQIIRQI

>B.2006.JF320121.-

MEPVDPRLEPWKHPGSQPKTSCNKCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSKTHQEYLPKQ\*VVYVMQSLYILGVVAIVVAAILAIVVWTIIYLEYRKIVRQRKIDRLIERISERAEDSGNESEGDQEELSALVDMGHLAPWDVNDL\*CYRTIVGHSLLWGTCVERSYHHSILCIRC\*SI\*DREA\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPQAMCKINSTLCYFKLH\*F\*EYYY\*\*EQYY\*\*H\*\*\*CGNNAE\*RNKKLLFQCHHKHKR\*DEKRTCTFL\*S\*YSTNR\*\*\*\*EN\*\*Y\*L\*VDKL\*HLSHYTGLSKNILCANSHTLLCPGWFCDSKV\*\*\*DIQWKRTMYKCQHSTMYTWN\*TSSVNSITVKWQSSRKRDSN\*IRQFLGQC\*NHNSTAE\*IYSN\*LYKTQQQYKKKHTYRTRQSILYNRRYNRRHKTSTL\*H\*\*SKME\*HFTEDSYKIKRTIWE\*NNNL\*QILRRGPRNCNAQF\*LWRGIFLL\*YITAV\*\*FLES\*\*YQA\*\*Y\*RDR\*YHTPM\*NKTNCKHVAGSRKGNVCPSHCRTN\*MFIKYYRADINKRWW\*\*\*\*HKRD\*DIQTWRRKYEGQLEK\*II\*IQSSRN\*TIRNSTHQGKEESGAKRKKSSGNDRSYVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*IFE\*DLG\*HDLDGVGKRN\*QLHKLNIQLT\*RIAKPTRKE\*TRIIRIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRFDRFKNNFCCAFYSE\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRRKQQIIRQI

>B.2006.JF320122.-

MEPVDPRLEPWKHPGSQPKTSCNKCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSKTHQEYLPKQ\*VVYVMQSLYILGVVAIVVAAILAIVVWTIIYLEYRKIVRQRKIDRLIERISERAEDSGNESEGDQEELSALVDMGHLAPWDVNDL\*CYRTIVGHSLLWGTCVERSYHHSILCIRC\*SICKREA\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRTDA\*GYS\*FMGSKPQAMCKINSTLCYFKLH\*F\*EYYY\*\*EQYY\*\*H\*\*\*CGNNAE\*RNKKLLFQCHHKHKR\*DEKRTCTFL\*S\*YSTNR\*\*\*\*EN\*\*Y\*L\*VDKL\*HLSHYTGLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWKRTMYKCQHSTMYTWN\*TSSVNSITVKWQSSRKRDNN\*IRQFLGQC\*NHNSTAE\*IYSN\*LYKTQQQYKKKHTYRTRQSILYNRRYNRRHKTSTLQH\*\*SKME\*HFTEDSYKIKRTIWE\*NNNL\*QILRRGPRNCNAQF\*LWRGIFLL\*YITAV\*\*FLEP\*\*YQA\*\*Y\*RDR\*YHTPM\*NKTNCKHVAGSRKGNVCPSHCRTN\*MFIKYYRADINKRWW\*\*\*\*HKRD\*DIQTWRRKYEGQLEK\*II\*IQSSRN\*TIRNSTHQGKEESGAKRKKSSGNDRSYVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*IFE\*DLG\*HDLDGVGKRN\*QLHKLNIQLT\*RIAKPTRKE\*TRIIRIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRFDRFKNNFCCAFYSE\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRRKQQIIRQI

>B.2006.JF320123.-

MEPVDPRLEPWKHPGSQPKTSCNKCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSKTHQEYLPKQ\*VVYVMQSLYILGVVAIVVAAILAIVVWTIIYLEYRKIVRQRKIDRLIERISERAEDSGNESEGDQEELSALVDMGHLAPWDVNDL\*CYRTIVGHSLLWGTCVERSYHHSILCIRC\*SI\*DREA\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPQAMCKINSTLCYFKLH\*F\*EYYY\*\*EQYY\*\*H\*\*\*CGNNAE\*RNKKLLFQCHHKHKR\*DEKRTCTFL\*S\*YSTNR\*\*\*\*EN\*\*Y\*L\*VDKL\*HLSHYTGLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWKRTMYKCQHSTMYTWN\*TSSVNSITVKWQSSRKRDSN\*IRQFLGQC\*NHNSTAE\*IYSN\*LYKTQQQYKKKHTYRTRQSILYNRRYNRRHKTSTL\*H\*\*SKME\*HFTEDSYKIKRTIWE\*NNNL\*QILRRGPRNCNAQF\*LWRGIFLL\*YITAV\*\*FLES\*\*YQA\*\*Y\*RDR\*YHTPM\*NKTNCKHVAGSRKGNVCPSHCRTN\*MFIKYYRADINKRWW\*\*\*\*HKRD\*DIQTWRRKYEGQLEK\*II\*IQSSRN\*TIRNSTHQGKEESGAKRKKSSGNDRSYVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*IFE\*DLG\*HDLDGVGKRN\*QLHKLNIQLT\*RIAKPTRKE\*TRIIRIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRFDRFKNNFCCAFYSE\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRRKQQIVRQI

>B.2006.JF320124.-

MEPVDPRLEPWKHPGSQPKTSCNKCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSKTHQEYLPKQ\*VVYVMQSLYILGVVAIVVAAILAIVVWTIIYLEYRKIVRQRKIDRLIERISERAEDSGNESEGDQEELSALVDMGHLAPWDVNDL\*CYRTIVGHSLLWGTCVERSYHHSILCIRC\*SI\*DREA\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPQAMCKINSTLCYFKLH\*F\*EYYY\*\*EQYY\*\*H\*\*\*CGNNAE\*RNKKLLFQCHHKHKR\*DEKRTCTFL\*S\*YSTNR\*\*\*\*EN\*\*Y\*L\*VDKL\*HLSHYTGLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWKRTMYKCQHSTMYTWN\*TSSVNSITVKWQSSRKRDSN\*IRQFLGQC\*NHNSTAE\*IYSN\*LYKTQQQYKKKHTYRTRQSILYNRRYNRRHKTSTL\*H\*\*SKME\*HFTEDSYKIKRTIWE\*NNNL\*QILRRGPRNCNAQF\*LWRGIFLL\*YITAV\*\*FLES\*\*YQA\*\*Y\*RDR\*YHTPM\*NKTNCKHVAGSRKGNVCPSHCRTN\*MFIKYYRADINKRWW\*\*\*\*HKRD\*DIQTWRRKYEGQLEK\*II\*IQSSRN\*TIRNSTHQGKEESGAKRKKSSGNDRSYVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*IFE\*DLG\*HDLDGVGKRN\*QLHKLNIQLT\*RIAKPTRKE\*TRIIRIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRFDRFKNNFCCAFYSE\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRRKQQIIRQI

>B.2006.JF320125.-

MEPVDPRLEPWKHPGSQPKTSCNKCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSKTHQEYLPKQ\*VVYVMQSLYILGVVAIVVAAILAIVVWTIIYLEYRKIVRQRKIDRLIERISERAEDSGNESEGDQEELSALVDMGHLAPWDVNDL\*CYRTIVGHSLLWGTCVERSYHHSILCIRC\*SI\*DREA\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPQAMCKINSTLCYFKLH\*F\*EYYY\*\*EQYY\*\*H\*\*\*CGNNAE\*RNKKLLFQCHHKHKR\*DEKRTCTFL\*S\*YSTNR\*\*\*\*EN\*\*Y\*L\*VDKL\*HLSHYTGLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWKRTMYKCQHSTMYTWN\*TSSVNSITVKWQSSRKRDSN\*IRQFLGQC\*NHNSTAE\*IYSN\*LYKTQQQYKKKHTYRTRQSILYNRRYNRRHKTSTL\*H\*\*SKME\*HFTEDSYKIKRTIWE\*NNNL\*QILRRGPRNCNAQF\*LWRGIFLL\*YITAV\*\*FLES\*\*YQA\*\*Y\*RDR\*YHTPM\*NKTNCKHVAGSRKGNVCPSHCRTN\*MFIKYYRADINKRWW\*\*\*\*HKRD\*DIQTWRRKYEGQLEK\*II\*IQSSRN\*TIRNSTHQGKEESGAKRKKSSGNDRSYVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHGLGHQTAPGKSPSCGKISKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*IFE\*DLG\*HDLDGVGKRN\*QLHKLNIQLT\*RIAKPTRKE\*TRIIRIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRFDRFKNNFCCAFYSE\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRRKQQIIRQI

>B.2006.JF320126.-

MEPVDPRLEPWKHPGSQPKTSCNKCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSKTHQEFLPKQ\*VVYVMQSLYILGVVAIVVAAILAIVVWTIIYLEYRKIVRQRKIDRLIERISERAEDSGNESEGDQEELSALVDMGHLAPWDVNDL\*CYRTIVGHSLLWGTCVERSYHHSILCIRC\*SICKREA\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPQAMCKINSTLCYFKLH\*F\*EYYY\*\*EQYY\*\*H\*\*\*CGNNAE\*RNKKLLFQCHHKHKR\*DEKRTCTFL\*S\*YSTNR\*\*\*\*EN\*\*Y\*L\*VDKL\*HLSHYTGLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWKRTMYKCQHSTMYTWN\*TSSVNSITVKWQSSRKRDSN\*IRQFLGQC\*NHNSTAE\*IYSN\*LYKTQQQYKKKHTYRTRQSILYNRRYNRRHKTSTLQH\*\*SKME\*HFTEDSYKIKRTIWE\*NNNL\*QILRRGPRNCNAQF\*LWRGIFLL\*YITAV\*\*FLES\*\*YQA\*\*Y\*RDR\*YHTPM\*NKTNCKHVAGSRKGNVCPSHCRTN\*MFIKYYRADINKRWW\*\*\*\*HKRD\*DIQTWRRKYEGQLEK\*II\*IQSSRN\*TIRNSTHQGKEESGAKRKKSSGNDRSYVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*IFE\*DLG\*HDLDGVGKRN\*QLHKLNIQLT\*RIAKTNKKRMNKNY\*N\*ISGQICGIGLT\*QTGCGI\*KYS\*\*\*\*EV\*\*V\*E\*FLLCFL\*RIELGRDTHHYRFRPSSQTRGDPTGPKESKKTVEKETADHPSD\*

>B.2006.JF320127.-

MEPVDPRLEPWKHPGSQPKTSCNKCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSKTHQEYLPKQ\*VVYVMQSLYILGVVAIVVAAILAIVVWTIIYLEYRKIVRQRKIDRLIERISERAEDSGNESEGDQEELSALVDMGHLAPWDVNDL\*CYRTIVGHSLLWGTCVERSYHHSILCIRC\*SI\*DREA\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPQAMCKINSTLCYFKLH\*F\*EYYY\*\*EQYY\*\*H\*\*\*CGNNAE\*RNKKLLFQCHHKHKR\*DEKRTCTFL\*S\*YSTNR\*\*\*\*EN\*\*Y\*L\*VDKL\*HLSHYTGLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWKRTMYKCQHSTMYTWN\*TSSVNSITVKWQSSRKRDSN\*IRQFLGQC\*NHNSTAE\*IYSN\*LYKTQQQYKKKHTYRTRQSILYNRRYNRRHKTSTL\*H\*\*SKME\*HFTEDSYKIKRTIWE\*NNNL\*QILRRGPRNCNAQF\*LWRGIFLL\*YITAV\*\*FLES\*\*YQA\*\*Y\*RDR\*YHTPM\*NKTNCKHVAGSRKGNVCPSHCRTN\*MFIKYYRADINKRWW\*\*\*\*HKRD\*DIQTWRRKYEGQLEK\*II\*IQSSRN\*TIRNSTHQGKEESGAKRKKSSGNDRSYVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*IFE\*DLG\*HDLDGVGKRN\*QLHKLNIQLT\*RIAKPTRKE\*TRIIRIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRFDRFKNNFCCAFYSE\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRRKQQIIRQI

>B.2006.JF320128.-

MEPVDPRLEPWKHPGSQPKTSCNKCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSKTHQEYLPKQ\*VVYVMQSLYILGVVAIVVAAILAIVVWTIIYLEYRKIVRQRKIDRLIKRISERAEDSGNESEGDQEELSALVDMGHLAPWDVNDL\*CYRTIVGHSLLWGTCVERSYHHSILCIRC\*SI\*DREA\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPQAMCKINSTLCYFKLH\*F\*EYYY\*\*EQYY\*\*H\*\*\*CGNNAE\*RNKKLLFQCHHKHKR\*DEKRTCTFL\*S\*YSTNR\*\*\*\*EN\*\*Y\*L\*VDKL\*HLSHYTGLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWKRTMYKCQHSTMYTWN\*TSSVNSITVKWQSSRKRDSN\*IRQFLGQC\*NHNSTAE\*IYSN\*LYKTQQQYKKKHTYRTRQSILYNRRYNRRHKTSTL\*H\*\*SKME\*HFTEDSYKIKRTIWE\*NNNL\*QILRRGPRNCNAQF\*LWRGIFLL\*YITAV\*\*FLES\*\*YQA\*\*Y\*RDR\*YHTPM\*NKTNCKHVAGSRKGNVCPSHCRTN\*MFIKYYRADINKRWW\*\*\*\*HKRD\*DIQTWRRKYEGQLEK\*II\*IQSSRN\*TIRNSTHQGKEESGAKRKKSSGNDRSYVPWVLGSSRKHYGRSVDNTDGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*IFE\*DLG\*HDLDGVGKRN\*QLHKLNIQLT\*RIAKPTRKE\*TRIIRIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRFDRFKNNFCCAFYSE\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRRKQQIIRQI

>B.2006.JF320129.-

MEPVDPRLEPWKHPGSQPKTSCNKCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSKTHQEYLPKQ\*VVYVMQSLYILGVVAIVVAAILAIVVWTIIYLEYRKIVRQRKIDRLIERISERAEDSGNESEGDQEELSALVDMGHLAPWDVNDL\*CYRTIVGHSLLWGTCVERSYHHSILCIRC\*SI\*DREA\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPQAMCKINSTLCYFKLH\*F\*EYYY\*\*EQYY\*\*H\*\*\*CGNNAE\*RNKKLLFQCHHKHKR\*DEKRTCTFL\*S\*YSTNR\*\*\*\*EN\*\*Y\*L\*VDKL\*HLSHYTGLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWKRTMYKCQHSTMYTWN\*TSSVNSITVKWQSSRKRDSN\*IRQFLGQC\*NHNSTAE\*IYSN\*LYKTQQQYKKKHTYRTRQSILYNRRYNRRHKTSTL\*H\*\*SKME\*HFTEDSYKIKRTIWE\*NNNL\*QILRRGPRNCNAQF\*LWRGIFLL\*YITAV\*\*FLES\*\*YQA\*\*Y\*RDR\*YHTPM\*NKTNCKHVAGSRKGNVCPSHCRTN\*MFIKYYRADINKRWW\*\*\*\*HKRD\*DIQTWRRKYEGQLEK\*II\*IQSSRN\*TIRNSTHQGKEESGAKRKKSSGNDRSYVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSAAAEQAAEGY\*GATTSVATHGLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*IFE\*DLG\*HDLDGVGKRN\*QLHKLNIQLT\*RIAKPTRKE\*TRIIRIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRFDRFKNNFCCAFYSE\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRRKQQIIRQI

>B.2007.JF320131.-

MEPVDPRLEPWKHPGSQPRTACTSCYCKKCCFHCQACFITKGLGISYGRKKRGRRRRTPQDGEAHQDSPSKQ\*VVYVMQPLVIAAIVALVVVAIIAIVVWSIVLIEYRKIVKQRKIDRLIERIRERAEDSGNESEGDQEELSALVEMGPLALWDIDDL\*CSTIVGHSLLWGTCVERSNHHSILCIRC\*DI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRRF\*YVEK\*YGRTNA\*GYNQFMG\*KPKAMCKINSTLCYFKLY\*LSGKSD\*CHCYY\*YEKLLFQCHHRQKR\*DEKRKCTFL\*S\*YSTSRKEQY\*L\*VGKL\*YLSHYTGLSKSIL\*SNSHTLLYPGWFCYSKV\*\*\*DIQWKRTMYKCQYSTMYTWN\*ASSINSTAVKWQPSRRRGSN\*I\*ESHRQW\*NHNSTTERSCKYYLCKAQ\*QYKKRYTYRTRESNVYNRRNSRRYKTSTL\*P\*CGKMGCRFRTDSWKIRSTT\*YYINKIC\*FLRRGPRNCNA\*F\*L\*RGIFLL\*YNTTVQ\*YLGEQYYYWELEQN\*RIK\*H\*HHTPM\*NKTNCKHVAESRKSNVCPSHQGTNSMYIRYHRAAINKRWR\*\*RGQ\*QHRDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TNRNSTHQGAEKSGAERKKSSGSRSFSLWVLGNSRKHYGRSVNNADGTSQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQTAPGKSPGCGKIPKRPTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISE\*HLEQYDLDAVGKRN\*QLYRLNIQLT\*RSAK\*TRKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKNSHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JF320134.-

MEPVDPRLEPWKHPGSQPRTACTSCYCKKCCFHCQACFITKGLGISYGRKKRGRRRRTPQDGEAHQDSPSKQ\*VVYVMQPLVIAAIVALVVVAIIAIVVWSIVLIEYRKIVKQRKIDRLIERIRERAEDSGNESEGDQEELSALVEMGPLALWDIDDL\*CSTIVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*YVEK\*YGRTNA\*GYNQFMG\*KPKAMCKINSTLCYFKLY\*LSGKSD\*CHCYY\*YEKLLFQCHHRQKR\*NEKRKCTFL\*P\*YSTSRKEQY\*L\*VGKL\*YLSHYTGLSKSIL\*SNSHTLLYPGWFCYSKV\*\*\*DIQWKRTMYKCQYSTMYTWN\*ASSINSTAVKWQPSRRRGSN\*I\*ESHRQW\*NHNSTTERSCKYYLCKAQ\*QYKKRYTYRTRESNVYNRRNSRRYKTSTL\*P\*CGKMGCRFRTDSWKIRSTT\*YYINKIC\*FLRRGPRNCNA\*F\*L\*RGIFLL\*YNTTVQ\*YLGEQYYYWELEQN\*RIK\*H\*HHTPM\*NKTNCKHVAESRKSNVCPSHQWTNSMYIRYYRAAINKRWR\*\*RGQ\*QHRDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TNRNSTHQGAEKSGAERKKSSGSRSFSLWVLGNSRKHYGRSVNNADGTSQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQTAPGKSPGCGKIPKRPTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISE\*HLEQYDLDAVGKRN\*QLYRLNIQLT\*RSAK\*TRKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKNSHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JF320135.-

MEPVDPRLEPWKHPGSQPRTACTSCYCKRCCYHCQVCFITKGLGISYGRKKRGRRRRTPQDGEAHQDSPSKQ\*VVYVMQPLVIAAIVALVVVAIIAIVVWSIVLIEYRKIVKQRKIDRLIERIRERAEDSGNESEGDQEELSALVEMGPLALWDIDDL\*CSTIVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*YVEK\*YGRTNA\*GYNQFMG\*KPKAMCKINSTLCYFKLY\*LSGKSD\*CHCYY\*YEKLLFQCHHRQKR\*DEKRKCTFL\*P\*YSTSRKEQY\*L\*VGKL\*YLSHYTGLSKSIL\*SNSHTLLYPGWFCYSKV\*\*\*DIQWKRTMYKCQYSTMYTWN\*ASSINSTAVKWQPSRRRGSN\*I\*ESHRQW\*NHNSTTERSCKYYLCKAQ\*QYKKRYTYRTRESNVYNRRNSRRYKTSTL\*P\*CGKMGCRFRTDSWKIRSTT\*YYINKIC\*FLRRGPRNCNA\*F\*L\*RGIFLL\*YNTTVQ\*YVGEQYYYWELEQN\*RIK\*H\*HHTPM\*NKTNCKHVAESRKSNVYPSHQWTNSMYIRYYRAAINKRWR\*\*RGQ\*QHRDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TNRNSTHQGAEKSGAERKKSSGSRSFSLWVLGNSRKHYGRSVNNADGTSQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQTAPGKSPGCGKIPKRPTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISE\*HLEQYDLDAVGKRN\*QLYRLNIQLT\*RSAK\*TRKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKNSHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JF320136.-

MEPVDPRLEPWKHPGSQPRTACTSCYCKRCCLHCQVCFITKGLGISYGRKKRGRRRRTPQDGEAHQDSPSKQ\*VVYVMQPLVIAAIVALVVVAIIAIVVWSIVLIEYRKIVKQRKIDRLIERIRERAEDSGNESEGDQEELSALVEMGPLALWDIDDL\*CSTIVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*YVEKRYGRTNA\*GYNQFMG\*KPKAMCKINSTLCYFKLY\*LSGKSD\*CHCYY\*YEKLLFQCHHRQKR\*DEKRKCTFL\*P\*YSTSRKEQY\*L\*VGKL\*YLSHYTGLSKSIL\*SNSHTLLYPGWFCYSKV\*\*\*DIQWKRTMYKCQYSTMYTWN\*ASSINSTAVKWQPSRRRGSN\*I\*ESHRQW\*NHNSTTERSCKYYLCKAQ\*QYKKRYTYRTRESNVYNRRNSRRYKTSTL\*P\*CGKMGCRFRTDS\*KIRSTT\*YYINKIC\*FLRRGPRNCNA\*F\*L\*RGIFLL\*YNTTVQ\*YLGEQYYYWELEQN\*RIK\*H\*HHTPM\*NKTNCKHVAESRKSNVCPSHQWTNSMYIRYYRAAINKRWR\*\*RGQ\*QHRDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TNRNSTHQGAEKSGAERKKSSGSRSFSLWVLGNSRKHYGRSVNNADGTSQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQTAPGKSPGCGKIPKRPTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISE\*HLEQYDLDAVGKRN\*QLYRLNIQLT\*RSAK\*TRKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKNSHNNSRRLDRFKNSFYCTFHSE\*S\*AGILTLIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JF320141.-

MEPVDPRLEPWKHPGSQPRTACTSCYCKKCCFHCQACFITKGLGISYGRKKRGRRRRTPQDGEAHQDSPSKQ\*VVYVMQPLVIAAIVALVVVAIIAIVVWSIVLIEYRKIVKQRKIDRLIERIRERAEDSGNESEGDQEELSALVEMGPLALWDIDDL\*CSTIVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*YVEK\*YGRTNA\*GYNQFMG\*KPKAMCKINSTLCYFKLY\*LSGKSD\*CHCYY\*YEKLLFQCHHRQKR\*DEKRKCTFL\*P\*YSTSRKEQY\*L\*VGKL\*YLSHYTGLSKSIL\*SNSHTLLYPGWFCYSKV\*\*\*DIQWKRTMYKCQYSTMYTWN\*ASSINSTAVKWQPSRRRGSN\*I\*ESHRQW\*NHNSTTERSCKYYLCKAQ\*QYKKRCTYRTRESNVYNRRNSRRYKTSTL\*P\*CGKMGCRFRTDSWKIRSTT\*YYINKIC\*FLRRGPRNCNA\*F\*L\*RGIFLL\*YNTTVQ\*YLGEQYYYWELEQN\*RIK\*H\*HHTPM\*NKTNCKHVAESRKSNVCPSHQWTNSMYIRYYRAAINKRWR\*\*RGQ\*QHRDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TNRNSTHQGAEKSGAERKKSSGSRSFSLWVLGNSRKHYGRSVNNADGTSQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQTAPGKSPGCGKIPKRPTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISE\*HLEQYDLDAVGKRN\*QLYRLNIQLT\*RSAK\*TRKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKNSHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JF320142.-

MEPVDPRLEPWKHPGSQPRTACTSCYCKKCCFHCQACFITKGLGISYGRKKRGRRRRTPQDGEAHQDSPSKQ\*VVYVMQPLVIAAIVALVVVAIIAIVVWSIVLIEYRKIVKQRKIDRLIERIRERAEDSGNESEGDQEELSALVEMGPLALWDIDDL\*CSTIVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*YVEK\*YGRTNA\*GYNQFMG\*KPKAMCKINSTLCYFKLY\*LSGKSD\*CHCYY\*YEKLLFQCHHRQKR\*DEKRKCTFL\*P\*YSTSRKEQY\*L\*VGKL\*YLSHYTGLSKSIL\*SNSHTLLYPGWFCYSKV\*\*\*DIQWKRTMYKCQYSTMYTWN\*ASSINSTAVKWQPSRRRGSN\*I\*ESHRQW\*NHNSTTERSCKYYLCKAQ\*QYKKRYTYRTRESNVYNRRNSRRYKTSTL\*P\*CGKMGCRFRTDSWKIRSTT\*YYINKIC\*FLRRGPRNCNA\*F\*L\*RGIFLL\*YNTTVQ\*YLGEQYYYWELEQN\*RIK\*H\*HHTPM\*NKTNCKHVAESRKSNVCPSHQWTNSMYIRYYRAAINKRWR\*\*RGQ\*QHRDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TNRNSTHQGAEKSGAERKKSSGSRSFSLWVLGNSRKHYGRSVNNADGTSQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQTAPGKSPGCGKIPKRPTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISE\*HLEQYDLDAVGKRN\*QLYRLNIQLT\*RSAK\*TRKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKNSHNDSRRLDRFKNSFYCIFYSK\*S\*AGILTLIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.2006.JF320144.-

MEPVDPSLEPWKHPGSQPKTACTPCYCKQCCFHCQVCFMNKGLGISYGRKKRRQRRRAPQGSETHQISLPKQ\*VIHVMIPLQILAIIALVVAAILAIIVWTIVYIEYRKIVKQRKIDKIIDRIRDRAEDSGNESEGDQEELSKLVEMAKLVEMGYDAPWNVDDL\*CYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRIF\*CMEK\*HGRTDA\*GYN\*FMGSKPKAMCQINPTLCYSKLH\*FEEYY\*YQCY\*AQC\*SQ\*YYGRRRHEKLLFQCHHKHKK\*IAKRICTFL\*T\*YSTNRW\*\*\*KLCFNKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*GEFQWNRTMYKCQHSTMYTWN\*ASSVNSVVIKWQPSRKGGSN\*V\*KYHRQC\*NHNGASE\*ICNN\*LYKIQ\*QHKKKYKYRTGESILCNRGYNRRYKKITL\*C\*\*SRLDENFKRCGSKIKKKIWE\*YKNSL\*\*NLRRRPRNCNAQF\*LRRGIFLL\*YNRAV\*\*YLAE\*\*YLAVKLY\*E\*\*\*YC\*KYRTPMQNKTNYKQMAGSRKSNVCPSHQWTN\*MLIKYYRAALNKRWW\*S\*H\*\*\*HRDFQTRRRRYEG\*LEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSISDADGTSQTIIVWYSATAKQFAEGY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHH\*CALECYLE\*\*ISR\*HLE\*HDLDGVGERN\*QLHKPNILLN\*RIAEPTGKE\*TRIIGIG\*VGKFVELV\*HIKLAVVHKNIHNDSRRLDRVKNSFYCAFYSE\*S\*AGVLTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRTI

>B.2006.JF320145.-

MEPVDPRLEPWKHPGSQPKTACTQCYCKRCCFHCQVCFIKKGLGISYGRKKRSQRRRPPPGGQDHQDSLPEQ\*VVHVMLSIQIVAIVGLVVAVVAAIVVWTLIYIEYKKIVRQRKLDRLIDRIRERAEDSGNESDGDQEELLQMGHPEMGLDAPWNVDDL\*C\*RKIVGHSLLWGTCVERSNHHFILCIRC\*RI\*YRGT\*CLGHTCLCTHRPQPTRSRIEKCDRIF\*HMEK\*HGRTDA\*GYNQFMGSKPKAMCKIDPTLCYSKLH\*\*LEEGY\*LEE\*\*\*CYCQ\*W\*LGKIREGRNKKLLFQCHHKHKR\*DNKRTCTFL\*T\*YSTNR\*\*\*\*E\*\*\*LYQL\*VDKL\*YLSHYTGLSKSNL\*TNSHTLLCPGWVCDSKVQ\*\*DIQWKGSM\*QCQHSTMYTWN\*ASSINSAAIEWQSSRRRDSN\*V\*EFLRQC\*NHNSTPE\*ICRD\*LHKTQQ\*YKKRYTYRTREGMVCNRKYNRKHKTSTL\*H\*\*\*KMV\*HFRKGS\*KIKRAIWE\*NNSL\*KFLRRGPRNGNTQL\*LWRRIFLL\*FNKTV\*QCLVY\*\*Y\*\*\*\*Y\*RVK\*HCYHTSMQNKTNYKHVAGSRKSNVCPSHRRKH\*LFIKYYRTAVNKRWWSHGNCQHHRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSNSGSCVPWVLECSRKHYGRSVTDADGTGQTTVVWYSAAAEQSAEGY\*GATTTVATHSLGHQAAPGKSPGCRKIPKGSTAPWDLGLLWKTHLHH\*CALEC\*LE\*\*KSEPDLGQHDLDAVGKGN\*QLHKLNIHLN\*RIAKPTRKK\*TRFIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFCYAFCSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRARQRQISEI

>B.2006.JF320146.-

MEPVDPSLEPWKHPGSQPKTACTPCYCKQCCFHCQVCFMNKGLGISYGRKKRRQRRRAPQGSETHQISLPKQ\*VIHVMIPLQILAIIALVVAAILAIIVWTIVYIEYRKIVKQRKIDKIIDRIRDRAEDSGNESEGDQEELSKLVEMAKLVEMGYDAPWNVDDL\*CYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRIF\*CMEK\*HGRTDA\*GYN\*FMGSKPKAMCQINPTLCYSKLH\*FEEYY\*YQCY\*AQY\*SQ\*YYGRRRHEKLLFQCHHKHKK\*IAKRICTFL\*T\*YSTNRW\*\*\*KLCFNKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*GEFQWNRTMYKCQHSTMYTWN\*ASSVNSVVIKWQPSRKGGSN\*V\*KYHRQC\*NHNGASE\*ICNN\*LYKIQ\*QHKKKYKYRTGESILCNRGYNRRYKKITL\*C\*\*SRLDENFKRCGSKIKRKIWE\*YKNSL\*\*NLRRRPRNCNAQF\*LRRGIFLL\*YNRAV\*\*YLAE\*\*YLAVKLY\*E\*\*\*YC\*KYRTPMQNKTNYKQMAGSRKSNVCPSHQWTN\*MLIKYYRAALNKRWW\*S\*H\*\*\*HRDFQTRRRRYEG\*LEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSISDADGTSQTIIVWYSATAKQFAEGY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHH\*CALECYLE\*\*ISR\*HLE\*HDLDGVGERN\*QLHKPNILLN\*RIAEPTGKE\*TRIIGIG\*VGKFVELV\*HIKLAVVHKNIHNDSRRLDRVKNSFYCAFYSE\*S\*AGVLTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRTI

>B.2006.JF320147.-

MEPVDPRLEPWKHPGSQPKTACTQCYCKRCCFHCQVCFIKKGLGISYGRKKRSQRRRPPPGGQDHQDSLPEQ\*VVHVMLSIQIVAIVGLVVAVVAAIVVWTLIYIEYKKIVRQRKLDRLIDRIRERAEDSGNESDGDQEELLQMGHPEMGLDAPWNVDDL\*C\*RKIVGHSLLWGTCVERSNHHFILCIRC\*RI\*YRGT\*CLGHTCLCTHRPQPTRSRIEKCDRIF\*HMEK\*HGRTDA\*GYNQFMGSKPKAMCKIDPTLCYSKLH\*\*LEEGY\*LEE\*\*\*CYCQ\*W\*LGKIREGRNKKLLFQCHHKHKR\*DNKRTCTFL\*T\*YSTNR\*\*\*\*E\*\*\*LYQL\*VDKL\*YLSHYTGLSKSNL\*TNSHTLLCPGWVCDSKVQ\*\*DIQWKGSM\*QCQHSTMYTWN\*ASSINSAAIEWQSSRRRDSN\*V\*EFLRQC\*NHNSTPE\*ICRD\*LHKTQQ\*YKKRYTYRTREGMVCNRKYNREHKTSTL\*H\*\*\*KMV\*HFRKGS\*KIKRAIWE\*NNSL\*KFLRRGPRNGNTQL\*LWRRIFLL\*FNKTV\*QCLVY\*\*Y\*\*\*\*Y\*RVK\*HCYHTSMQNKTNYKHVAGSRKSNVCPSHRRKH\*LFIKYYRTAVNKRWWSHGNCQHHRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSNSGSCVPWVLECSRKHYGRSVTDADGTGQTTVVWYSAAAEQSAEGY\*GATTTVATHSLGHQAAPGKSPGCRKIPKGSTAPWDLGLLWKTHLHH\*CALEC\*LE\*\*KSEPDLGQHDLDAVGKGN\*QLHKLNIHLN\*RIAKPTRKK\*TRFIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFCYAFCSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRARQRQISEI

>B.2006.JF320148.-

MEPVDPSLEPWKHPGSQPKTACTPCYCKQCCFHCQVCFMNKGLGISYGRKKRRQRRRAPQGSETHQISLPKQ\*VIHVMIPLQILAIIALVVAAILAIIVWTIVYIEYRKIVKQRKIDKIIDRIRDRAEDSGNESEGDQEELSKLVEMAKLVEMGYDAPWNVDDL\*CYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRIF\*CMEK\*HGRTDA\*GYN\*FMGSKPKAMCQINPTLCYSKLH\*FEEYY\*YQCY\*AQY\*SQ\*YYGRRRHEKLLFQCHHKHKK\*IAKRICTFL\*T\*YSTNRW\*\*\*KLCFNKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*GEFQWNRTMYKCQHSTMYTWN\*ASSVNSVVIKWQPSRKGGSN\*V\*KYHRQC\*NHNGASE\*ICNN\*LYKIQ\*QHKKKYKYRTGESILCNRGYNRRYKKITL\*C\*\*SRLDENFKRCGSKIKRKIWE\*YKNSL\*\*NLRRRPRNCNAQF\*LRRGIFLL\*YNRAV\*\*YLAE\*\*YLAVKLY\*E\*\*\*YC\*KYRTPMQNKTNYKQMAGSRKSNVCPSHQWTN\*MLIKYYRAALNKRWW\*S\*H\*\*\*HRDFQTRRRRYEG\*LEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSISDADGTSQTIIVWYSATAKQFAEGY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHH\*CALECYLE\*\*ISR\*HLE\*HDLDGVGERN\*QLHKPNILLN\*RIAEPTGKE\*TRIIGFG\*VGKFVELV\*HIKLAVVHKNIHNDSRRLDRVKNSFYCAFYSE\*S\*AGVLTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRTI

>B.2006.JF320149.-

MEPVDPSLEPWKHPGSQPKTACTPCYCKQCCFHCQVCFMNKGLGISYGRKKRRQRRRAPQGSETHQISLPKQ\*VIHVMIPLQILAIIALVVAAILAIIVWTIVYIEYRKIVKQRKIDKIIDRIRDRAEDSGNESEGDQEELSKLVEMAKLVEMGYDAPWNVDDL\*CYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRIF\*CMEK\*HGRTDA\*GYN\*FMGSKPKAMCQINPTLCYSKLH\*FEEYY\*YQCY\*AQY\*SQ\*YYGRRRHEKLLFQCHHKHKK\*IAKRICTFL\*T\*YSTNRW\*\*\*KLCFNKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*GEFQWNRTMYKCQHSTMYTWN\*ASSVNSVVIKWQPSRKGGSN\*V\*KYHRQC\*NHNGASE\*ICNN\*LYKIQ\*QHKKKYKYRTGESILCNRGYNRRYKKITL\*C\*\*SRLDENFKRCGSKIKRKIWE\*YKNSL\*\*NLRRRPRNCNAQF\*LRRGIFLL\*YNRAV\*\*YLAE\*\*YLAVKLY\*E\*\*\*YC\*KYRTPMQNKTNYKQMAGSRKSNVCPSHQWTN\*MLIKYYRAALNKRWW\*S\*H\*\*\*HRDFQTRRRRYEG\*LEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSISDADGTSQTIIVWYSATAKQFAEGY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHH\*CALECYLE\*\*ISR\*HLE\*HDLDGVGERN\*QLHKPNILLN\*RIAEPTGKE\*TRIIGIG\*VGKFVELV\*HIKLAVVHKNIHNDSRRLDRVKNSFYCAFYSE\*S\*AGVLTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRTI

>B.2007.JF320150.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSQTHQASISKQ\*VVHVMPPPLYIVTIVALVVAAIIAIVVWTIVYIEYRKIVRQRKIDRLIDRITERAEDSGNESEGDQEELSELIERGHLAPWNINDL\*C\*RKAVGHSLLWGTCVERRKRHSILCIRC\*SI\*YGGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCETNPTLCYLKLY\*LDH\*\*CYY\*\*\*YGRRSKELLF\*CYHKHKR\*GKERICTFL\*T\*CSTHR\*\*\*YQL\*INKL\*HLSHYTSLSKGILYAHSNTLLYPGWFCTSKM\*\*REV\*WNRTMLKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*ELHKQC\*KHNSTAK\*YSKYYLYKTRQQYKKKYTHRTRESILCNKRDNRRYKTSTL\*H\*\*SSMD\*HFTKDSFQIKRTIWEQNNSL\*KFLRGGPRNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLEYYWECD\*WVK\*QSGRKWYYHTPVQNKTNYKHVAGSRKSNVCPSNQWRN\*MYIKYYRTAINKRWW\*\*\*RQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGTKKSGAERKKSSGTRSVVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPSCGKIPKGSTDPRNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*HLGKHDLDGVGQRN\*QIHTTNI\*TT\*NIAESARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSLYCTFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2006.JF320151.-

MEPVDPSLEPWKHPGSQPKTACTPCYCKQCCFHCQVCFMNKGLGISYGRKKRRQRRRAPQGSETHQISLPKQ\*VIHVMIPLQILAIIALVVAAILAIIVWTIVYIEYRKIVKQRKIDKIIDRIRDRAEDSGNESEGDQEELSKLVEMAKLVEMGYDAPWNVDDL\*CYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRIF\*CMEK\*HGRTDA\*GYN\*FMGSKPKAMCQINPTLCYSKLH\*FEEYY\*YQCY\*AQY\*SQ\*YYGRRRHEKLLFQCHHKHKK\*IAKRICTFL\*T\*YSTNRW\*\*\*KLCFNKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*GEFQWNRTMYKCQHSTMYTWN\*ASSVNSVVIKWQPSRKGGSN\*V\*KYHRQC\*NHNGASE\*ICNN\*LYKIQ\*QHKKKYKYRTGESILCNRGYNRRYKKITL\*C\*\*SRLDENFKRCGSKIKRKIWE\*YKNSL\*\*NLRRRPRNCNAQF\*LRRGIFLL\*YNRAV\*\*YLAE\*\*YLAVKLY\*E\*\*\*YC\*KYRTPMQNKTNYKQMAGSRKSNVCPSHQWTN\*MLIKYYRAALNKRWW\*S\*H\*\*\*HRDFQTRRRRYEG\*LEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSISDADGTSQTIIVWYSATAKQFAEGY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHH\*CALECYLE\*\*ISR\*HLE\*HDLDGVGERN\*QLHKPNILLN\*RIAEPTGKE\*TRIIGIG\*VGKFVELV\*HIKLAVVHKNIHNDSRRLDRVKNSFYCAFYSE\*S\*AGVLTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRTI

>B.2006.JF320152.-

MEPVDPRLEPWKHPGSQPKTACTQCYCKRCCFHCQVCFIKKGLGISYGRKKRSQRRRPPPGGQDHQDSLPEQ\*VVHVMLSIQIVAIVGLVVAVVAAIVVWTLIYIEYKKIVRQRKLDRLIDRIRERAEDSGNESDGDQEELLQMGHPEMGLDAPWNVDDL\*C\*RKIVGHSLLWGTCVERSNHHFILCIRC\*RI\*YRGT\*CLGHTCLCTHRPQPTRSRIEKCDRIF\*HMEK\*HGRTDA\*GYNQFMGSKPKAMCKIDPTLCYSKLH\*\*LEEGY\*LEE\*\*\*CYCQ\*W\*LGKIREGRNKKLLFQCHHKHKR\*DNKRTCTFL\*T\*YSTNR\*\*\*\*E\*\*\*LYQL\*VDKL\*YLSHYTGLSKSNL\*TNSHTLLCPGWVCDSKVQ\*\*DIQWKGSM\*QCQHSTMYTWN\*ASSINSAAIEWQSSRRRDSN\*V\*EFLRQC\*NHNSTPE\*ICRD\*LHKTQQ\*YKKRYTYRTREGMVCNRKYNRKHKTSTL\*H\*\*\*KMV\*HFRKGS\*KIKRAIWE\*NNSL\*KFLRRGPRNGNTQL\*LWRRIFLL\*FNKTV\*QCLVY\*\*Y\*\*\*\*Y\*RVK\*HCYHTSMQNKTNYKHVAGSRKSNVCPSHRRKH\*LFIKYYRTAVNKRWWSHGNCQHHRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSNSGSCVPWVLECSRKHYGRSVTDADGTGQTTVVWYSAAAEQSAEGY\*GATTTVATHSLGHQAAPGKSPGCRKIPKGSTAPWDLGLLWKTHLHH\*CALEC\*LE\*\*KSEPDLGQHDLDAVGKGN\*QLHKLNIHLN\*RIAKPTRKK\*TRFIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFCYAFCSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRARQRQISEI

>B.2006.JF320153.-

MEPVDPRLEPWKHPGSQPKTACTQCYCKRCCFHCQVCFIKKGLGISYGRKKRSQRRRPPPGGQDHQDSLPEQ\*VVHVMLSIQIVAIVGLVVAVVAAIVVWTLIYIEYKKIVRQRKLDRLIDRIRERAEDSGNESDGDQEELLQMGHPEMGLDAPWNVDDL\*C\*RKIVGHSLLWGTCVERSNHHFILCIRC\*RI\*YRGT\*CLGHTCLCTHRPQPTRSRIEKCDRIF\*HMEK\*HGRTDA\*GYNQFMGSKPKAMCKIDPTLCYSKLH\*\*LEEGY\*LEE\*\*\*CYCQ\*W\*LGKIREGRNKKLLFQCHHKHKR\*DNKRTCTFL\*T\*YSTNR\*\*\*\*E\*\*\*LYQL\*VDKL\*YLSHYTGLSKSNL\*TNSHTLLCPGWVCDSKVQ\*\*DIQWKGSM\*QCQHSTMYTWN\*ASSINSAAIEWQSSRRRDSN\*V\*EFLRQC\*NHNSTPE\*ICRD\*LHKTQQ\*YKKRYTYRTREGMVCNRKYNRKHKTSTL\*H\*\*\*KMV\*HFRKGS\*KIKRAIWE\*NNSL\*KFLRRGPRNGNTQL\*LWRRIFLL\*FNKTV\*QCLVY\*\*Y\*\*\*\*Y\*RVK\*HCYHTSMQNKTNYKHVAGSRKSNVCPSHRRKH\*LFIKYYRTAVNKRWWSHGNCQHHRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSNSGSCVPWVLECSRKHYGRSVTDADGTGQTTVVWYSAAAEQSAEGY\*GATTTVATHSLGHQAAPGKSPGCRKIPKGSTAPWDLGLLWKTHLHH\*CALEC\*LE\*\*KSEPDLGQHDLDAVGKGN\*QLHKLNIHLN\*RIAKPTRKK\*TRFIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFCYAFCSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRARQRQISEI

>B.2006.JF320154.-

MEPVDPRLEPWKHPGSQPKTACTQCYCKRCCFHCQVCFIKKGLGISYGRKKRSQRRRPPPGGQDHQDSLPEQ\*VVHVMLSIQIVAIVGLVVAVVAAIVVWTLIYIEYKKIVRQRKLDRLIDRIRERAEDSGNESDGDQEELLQMGHPEMGLDAPWNVDDL\*C\*RKIVGHSLLWGTCVERSNHHFILCIRC\*RI\*YRGT\*CLGHTCLCTHRPQPTRSRIEKCDRIF\*HMEK\*HGRTDA\*GYNQFMGSKPKAMCKIDPTLCYSKLH\*\*LEEGC\*LEE\*\*\*CYCQ\*W\*LGKIREGRNKKLLFQCHHKHKR\*DNKRTCTFL\*T\*YSTNR\*\*\*\*E\*\*\*LYQL\*VDKL\*YLSHYTGLSKSNL\*TNSHTLLCPGWVCDSKVQ\*\*DIQWKGSM\*QCQHSTMYTWN\*ASSINSAAIEWQSSRRRDSN\*V\*EFLRQC\*NHNSTPE\*ICRD\*LHKTQQQYKKRYTYRTREGMVCNRKYNRKHKTSTL\*H\*\*\*KMV\*HFRKGS\*KIKRAIWE\*NNSL\*KFLRRGPRNGNTQL\*LWRRIFLL\*FNKTV\*QCLVY\*\*Y\*\*\*\*Y\*RVK\*HCYHTSMQNKTNYKHVAGSRKSNVCPSHRRKH\*LFIKYYRTAVNKRWWSHGNCQHHRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSNSGSCVPWVLECSRKHYGRSVTDADGTGQTTVVWYSAAAEQSAEGY\*GATTTVATHSLGHQAAPGKSPGCRKIPKGSTAPWDLGLLWKTHLHH\*CALEC\*LE\*\*KSEPDLGQHDLDAVGKGN\*QLHKLNIHLN\*RIAKPTRKK\*TRFIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFCYAFCSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRARQRQISEI

>B.2007.JF320155.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSQTHQASISKQ\*VVHVMPPPLYIVTIVALVVAAIIAIVVWTIVYIEYRKIVRQRKIDRLIDRITERAEDSGNESEGDQEELSELIERGHLAPWNINDL\*C\*RKAVGHSLLWGTCVERRKRHSILCIRC\*SI\*YGGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCETNPTLCYLKLY\*LDH\*\*CYY\*\*\*YGRRSKELLF\*CYHKHKR\*GKERICTFL\*T\*CSTHR\*\*\*YQL\*INKL\*HLSHYTSLSKGILYAHSNTLLYPGWFCTSKM\*\*REV\*WNRTMLKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*ELHKQC\*KHNSTAK\*YSKYYLYKTRQQYKKKYTHRTRESILCNKRDNRRYKTSTL\*H\*\*SSMD\*HFTKDSFQIKRTIWEQNNSL\*KFLRGGPRNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLEYYWECD\*WVK\*QSGRKWYYHTPVQNKTNYKHVAGSRKSNVCPSNQWRN\*MYIKYYRTAINKRWW\*\*\*RQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGTKKSGAERKKSSGTRSVVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPSCGKIPKGSTDPRNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*HLGKHDLDGVGQRN\*QIHTTNI\*TT\*NIAESARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSLYCTFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2007.JF320156.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSQTHQASISKQ\*VVHVMPPPLYIVTIVALVVAAIIAIVVWTIVYIEYRKIVRQRKIDRLIDRITERAEDSGNESEGDQEELSELIERGHLAPWNINDL\*C\*RKAVGHSLLWGTCVERRKRHSILCIRC\*SI\*YGGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCETNPTLCYLKLY\*LDH\*\*CYY\*\*\*YGRRSKELLF\*CYHKHKR\*GKERICTFL\*T\*CSTHR\*\*\*YQL\*INKL\*HLSHYTSLSKGILYAHSNTLLYPGWFCTSKM\*\*REV\*WNRTMLKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*ELHKQC\*KHNSTAK\*YSKYYLYKTRQQYKKKYTHRTRESILCNKRDNRRYKTSTL\*H\*\*SSMD\*HFTKDSFQIKRTIWEQNNSL\*KFLRGGPRNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLEYYWECD\*WVK\*QSGRKWYYHTPVQNKTNYKHVAGSRKSNVCPSNQWRN\*MYIKYYRTAINKRWW\*\*\*RQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGTKKSGAERKKSSGTRSVVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPSCGKIPKGSTDPRNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*HLGKHDLDGVGQRN\*QIHTTNI\*TT\*NIAESARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSLYCTFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2007.JF320157.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSQTHQASISKQ\*VVHVMPPPLYIVTIVALVVAAIIAIVVWTIVYIEYRKIVRQRKIDRLIDRITERAEDSGNESEGDQEELSELIERGHLAPWNINDL\*C\*RKAVGHSLLWGTCVERRKRHSILCIRC\*SI\*YGGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCETNPTLCYLKLY\*LDH\*\*CYY\*\*\*YGRRSKELLF\*CYHKHKR\*GKERICTFL\*T\*CSTHR\*\*\*YQL\*INKL\*HLSHYTSLSKGILYAHSNTLLYPGWFCTSKM\*\*REV\*WNRTMLKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*ELHKQC\*KHNSTAK\*YSKYYLYKTRQQYKKKYTHRTRESILCNKRDNRRYKTSTL\*H\*\*SSMD\*HFTKDSFQIKRTIWEQNNSL\*KFLRGGPRNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLEYYWECD\*WVK\*QSGRKWYYHTPVQNKTNYKHVAGSRKSNVCPSNQWRN\*MYIKYYRTAINKRWW\*\*\*RQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGTKKSGAERKKSSGTRSVVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPSCGKIPKGSTDPRNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*HLGKHDLDGVGQRN\*QIHTTNI\*TT\*NIAESARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSLYCTFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2007.JF320158.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSQTHQASISKQ\*VVHVMPPPLYIVTIVALVVAAIIAIVVWTIVYIEYRKIVRQRKIDRLIDRITERAEDSGNESEGDQEELSELIERGHLAPWNINDL\*C\*RKAVGHSLLWGTCVERRKRHSILCIRC\*SI\*YGGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCETNPTLCYLKLY\*LDH\*\*CYY\*\*\*YGRRSKELLF\*CYHKHKR\*GKERICTFL\*T\*CSTHR\*\*\*YQL\*INKL\*HLSHYTSLSKGILYAHSNTLLYPGWFCTSKM\*\*REV\*WNRTMLKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*ELHKQC\*KHNSTAK\*YSKYYLYKTRQQYKKKYTHRTRESILCNKRDNRRYKTSTL\*H\*\*SSMD\*HFTKDSFQIKRTIWEQNNSL\*KFLRGGPRNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLEYYWECD\*WVK\*QSGRKWYYHTPVQNKTNYKHVAGSRKSNVCPSNQWRN\*MYIKYYRTAINKRWW\*\*\*RQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGTKKSGAERKKSSGTRSVVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPSCGKIPKGSTDPRNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*HLGKHDLDGVGQRN\*QIHTTNI\*TT\*NIAESARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSLYCTFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2006.JF320160.-

MEPVDPRLEPWNHPGSQPRTACTKCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRGPHQDCQNHQGPLPKQ\*VVHVMKALQIVAIVALIITGIIAIVVWTIVFIEYRKILRQRKIDSLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWIVDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRTSVGKCDRKF\*HMGKQHGRPDA\*GCNQFMGSKPEAMCKINPTLCYFKLY\*C\*V\*CHY\*\*\*HHRQYHW\*WRGKDGARRNEKLLFQYHHNDER\*GAERTCTFL\*A\*CSTTRS\*\*H\*\*L\*VNKL\*HLSRYPGLSKNIL\*ANSHTLLCPSWFCDSKM\*\*\*AVQWIRTM\*QCQHSTMYTWN\*ASSINSITAKWQPSRRRCST\*V\*KFLIQYSKHNSTAKKRCTN\*LYKTQQ\*YKKKYTYGTRESILCNRRHNRRYKTSTL\*PQ\*NRME\*HFTTDS\*KVKRTI\*E\*NNKLYSNIPRRGSRNCNAQF\*LWRRIFLL\*YITTV\*\*YLALECY\*RSK\*H\*\*\*YHTPMQNKTNCKHVAGSRKSNVCPSYQRNN\*VFIKYYRNDINKRWGSGEREQ\*RD\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSNNTRSFFPWVLGSSRKHYGRSVNNADGTGQTITVWYSAAAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGYDLG\*PDLDAVGKRN\*QLHRPNIHLT\*RITDPTRKE\*TRIISIR\*MGKFVELV\*HNKLAVVYKNIHNNSRRLDRFKNSFCCIFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRKRQREIRLL

>B.2006.JF320161.-

MEPVDPRLEPWNHPGSQPRTACTKCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRGPHQDCQNHQGPLPKQ\*VVHVMKALQIVAIVALIITGIIAIVVWTIVFIEYRKILRQRKIDSLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWIVDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRTSVGKCDRKF\*HMGKQHGRPDA\*GCNQFMGSKPEAMCKINPTLCYFKLY\*C\*V\*CHY\*\*\*HHRQYHW\*WRGKDGARRNEKLLFQYHHNDER\*GAERTCTFL\*A\*CSTTRS\*\*H\*\*L\*VNKL\*HLSRYPGLSKNIL\*ANSHTLLCPSWFCDSKM\*\*\*AVQWIRTM\*QCQHSTMYTWN\*ASSINSITAKWQPSRRRCST\*V\*KFLIQYSKHNSTAKKRCTN\*LYKTQQ\*YKKKYTYGTRESILCNRRHNRRYKTSTL\*PQ\*NRME\*HFTTDS\*KVKRTI\*E\*NNKLYSNIPRRGSRNCNAQF\*LWRRIFLL\*YITTV\*\*YLALECY\*RSK\*H\*\*\*YHTPMQNKTNCKHVAGSRKSNVCPSYQRNN\*VFIKYYRNDINKRWGSGEREQ\*RD\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSNNTRSFFPWVLGSSRKHYGRSVNNADGTGQTITVWYSAAAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGYDLG\*PDLDAVGKRN\*QLHRPNIHLT\*RITDPTRKE\*TRIISIR\*MGKFVELV\*HNKLAVVYKNIHNNSRRLDRFKNSFCCIFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRKRQREIRLL

>B.2006.JF320162.-

MEPVDPRLEPWNHPGSQPRTACTKCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRGPHQDCQNHQGPLPKQ\*VVHVMKALQIVAIVALIITGIIAIVVWTIVFIEYRKILRQRKIDSLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWIVDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRTSVGKCDRKF\*HMGKQHGRPDA\*GCNQFMGSKPEAMCKINPTLCYFKLY\*C\*V\*CHY\*\*\*HHRQYHW\*WRGKDGARRNEKLLFQYHHNDER\*GAERTCTFL\*A\*CSTTRS\*\*H\*\*L\*VNKL\*HLSRYPGLSKNIL\*ANSHTLLCPSWFCDSKM\*\*\*AVQWIRTM\*QCQHSTMYTWN\*ASSINSITAKWQPSRRRCST\*V\*KFLIQYSKHNSTAKKRCTN\*LYKTQQ\*YKKKYTYGTRESILCNRRHNRRYKTSTL\*PQ\*NRME\*HFTTDS\*KVKRTI\*E\*NNKLYSNIPRRGSRNCNAQF\*LWRRIFLL\*YITTV\*\*YLALECY\*RSK\*H\*\*\*YHTPMQNKTNCKHVAGSRKSNVCPSYQRNN\*VFIKYYRNDINKRWGSGEREQ\*RD\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSNNTRSFFPWVLGSSRKHYGRSVNNADGTGQTITVWYSAAAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGYDLG\*PDLDAVGKRN\*QLHRPNIHLT\*RITDPTRKE\*TRIISIR\*MGKFVELV\*HNKLAVVYKNIHNNSRRLDRFKNSFCCIFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRKRQREIRLL

>B.2006.JF320163.-

MEPVDPRLEPWNHPGSQPRTACTKCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRGPHQDCQNHQGPLPKQ\*VVHVMKALQIVAIVALIITGIIAIVVWTIVFIEYRKILRQRKIDSLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWIVDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRTSVGKCDRKF\*HMGKQHGRPDA\*GCNQFMGSKPEAMCKINPTLCYFKLY\*C\*V\*CHY\*\*\*HHRQYHW\*WRGKDGARRNEKLLFQYHHNDER\*GAERTCTFL\*A\*CSTTRS\*\*H\*\*L\*VNKL\*HLSRYPGLSKNIL\*ANSHTLLCPSWFCDSKM\*\*\*AVQWIRTM\*QCQHSTMYTWN\*ASSINSITAKWQPSRRRCST\*V\*KFLIQYSKHNSTAKKRCTN\*LYKTQQ\*YKKKYTYGTRESILCNRRHNRRYKTSTL\*PQ\*NRME\*HFTTDS\*KVKRTI\*E\*NNKLYSNIPRRGSRNCNAQF\*LWRRIFLL\*YITTV\*\*YLALECY\*RSK\*H\*\*\*YHTPMQNKTNCKHVAGSRKSNVCPSYQRNN\*VFIKYYRNDINKRWGSGEREQ\*RD\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSNNTRSFFPWVLGSSRKHYGRSVNNADGTGQTITVWYSAAAEQSAEGY\*GATAYDATHSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGYDLG\*PDLDAVGKRN\*QLHRPNIHLT\*RITDPTRKE\*TRIISIR\*MGKFVELV\*HNKLAVVYKNIHNNSRRLDRFKNSFCCIFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRKRQREIRLL

>B.2006.JF320164.-

MEPVDPRLEPWNHPGSQPRTACTKCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRGPHQDCQNHQGPLPKQ\*VVHVMKALQIVAIVALIITGIIAIVVWTIVFIEYRKILRQRKIDSLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWIVDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRTSVGKCDRKF\*HMGKQHGRPDA\*GCNQFMGSKPEAMCKINPTLCYFKLY\*C\*V\*CHY\*\*\*HHRQYHW\*WRGKDGARRNEKLLFQYHHNDER\*GAERTCTFL\*A\*CSTTRS\*\*H\*\*L\*VNKL\*HLSRYPGLSKNIL\*ANSHTLLCPSWFCDSKM\*\*\*AVQWIRTM\*QCQHSTMYTWN\*ASSINSITAKWQPSRRRCST\*V\*KFLIQYSKHNSTAKKRCTN\*LYKTQQ\*YKKKYTYGTRESILCNRRHNRRYKTSTL\*PQ\*NRME\*HFTTDS\*KVKRTI\*E\*NNKLYSNIPRRGSRNCNAQF\*LWRRIFLL\*YITTV\*\*YLALECY\*RSK\*H\*\*\*YHTPMQNKTNCKHVAGSRKSNVCPSYQRNN\*VFIKYYRNDINKRWGSGEREQ\*RD\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSNNTRSFFPWVLGSSRKHYGRSVNNADGTGQTITVWYSAAAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGYDLG\*PDLDAVGKRN\*QLHRPNIHLT\*RITDPTRKE\*TRIISIR\*MGKFVELV\*HNKLAVVYKNIHNNSRRLDRFKNSFCCIFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRKRQREIRLL

>B.2006.JF320165.-

MEPVDPRLEPWNHPGSQPRTACTKCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRGPHQDCQNHQGPLPKQ\*VVHVMKALQIVAIVALIITGIIAIVVWTIVFIEYRKILRQRKIDSLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWIVDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRTSVGKCDRKF\*HMGKQHGRPDA\*GCNQFMGSKPEAMCKINPTLCYFKLY\*C\*V\*CHY\*\*\*HHRQYHW\*WRGKDGARRNEKLLFQYHHNDER\*GAERTCTFL\*A\*CSTTRS\*\*H\*\*L\*VNKL\*HLSRYPGLSKNIL\*ANSHTLLCPSWFCDSKM\*\*\*AVQWIRTM\*QCQHSTMYTWN\*ASSINSITAKWQPSRRR\*KQ\*TLLKHPQEGIQKLQCTVLIVEENFSTVIHHNCLIVLGLGMLLKE\*IALMIISHSHAE\*NKL\*TCGRK\*EKQCMPLLSAE\*LGVHQILQE\*Y\*QEMGERGTGAITRLRSSDLEEEI\*RTIGEVNYINIK\*\*KLNH\*E\*HPPGQREEWCREKKEQ\*H\*ELFSLGSWEQQEALWAQRQ\*R\*RYRPDYYCLV\*CSSRAIC\*GLLRRNSICCNSQSGASSSSRQESWL\*KDT\*RINSSWGFGVALENSFAPLLCPGMLVGVIDLWI\*FGIT\*PGCSGKEKLTITQT\*YTPYLKNHRSNKKRMNKNY\*H\*INGQVCGVGLA\*QTGCGI\*EYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYRFRPTSQPRGDPTGPKESKKKVEKETERDPAT\*

>B.2006.JF320166.-

MEPVDPRLEPWNHPGSQPRTACTKCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRGPHQDCQNHQGPLPKQ\*VVHVMKALQIVAIVALIITGIIAIVVWTIVFIEYRKILRQRKIDSLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWIVDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRTSVGKCDRKF\*HMGKQHGRPDA\*GCNQFMGSKPEAMCKINPTLCYFKLY\*C\*V\*CHY\*\*\*HHRQYHW\*WRGKDGARRNEKLLFQYHHNDER\*GAERTCTFL\*A\*CSTTRS\*\*H\*\*L\*VNKL\*HLSRYPGLSKNIL\*ANSHTLLCPSWFCDSKM\*\*\*AVQWIRTM\*QCQHSTMYTWN\*ASSINSITAKWQPSRRRCST\*V\*KFLIQYSKHNSTAKKRCTN\*LYKTQQ\*YKKKYTYGTRESILCNRRHNRRYKTSTL\*PQ\*NRME\*HFTTDS\*KVKRTI\*E\*NNKLYSNIPRRGSRNCNAQF\*LWRRIFLL\*YITTV\*\*YLALECY\*RSK\*H\*\*\*YHTPMQNKTNCKHVAGSRKSNVCPSYQRNN\*VFIKYYRNDINKRWGSGEREQ\*RD\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSNNTRSFFPWVLGSSRKHYGRSVNNADGTGQTITVWYSAAAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGYDLG\*PDLDAVGKRN\*QLHRPNIHLT\*RITDPTRKE\*TRIISIR\*MGKFVELV\*HNKLAVVYKNIHNNSRRLDRFKNSFCCIFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRKRQREIRLL

>B.2006.JF320167.-

MEPVDPRLEPWNHPGSQPRTACTKCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRGPHQDCQNHQGPLPKQ\*VVHVMKALQIVAIVALIITGIIAIVVWTIVFIEYRKILRQRKIDSLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWIVDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRTSVGKCDRKL\*HMGKQHGRPDA\*GCNQFMGSKPEAMCKINPTLCYFKLY\*C\*V\*CHY\*\*\*HHRQYHW\*WRGKDGARRNEKLLFQYHHNDER\*GAERTCTFL\*A\*CSTTRS\*\*H\*\*L\*VNKL\*HLSRYPGLSKNIL\*ANSHTLLCPSWFCDSKM\*\*\*AVQWIRTM\*QCQHSTMYTWN\*ASSINSITAKWQPSRRRCST\*V\*KFLIQYSKHNSTAKKRCTN\*LYKTQQ\*YKKKYTYGTRESILCNRRHNRRYKTSTL\*PQ\*NRME\*HFTTDS\*KVKRTI\*E\*NNKLYSNIPRRGSRNCNAQF\*LWRRIFLL\*YITTV\*\*YLALECY\*RSK\*H\*\*\*YHTPMQNKTNCKHVAGSRKSNVCPSYQRNN\*VFIKYYRNDINKRWGSGEREQ\*RD\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSNNTRSFFPWVLGSSRKHYGRSVNNADGTGQTITVWYSAAAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGYDLG\*PDLDAVGKRN\*QLHRPNIHLT\*RITDPTRKE\*TRIISIR\*MGKFVELV\*HNKLAVVYKNIHNNSRRLDRFKNSFCCIFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRKRQREIRLL

>B.2006.JF320168.-

MEPVDPRLEPWKHPGSQPKTACSKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAHQGSETHQVPLSKQ\*VIHVNDTFSDICNSSIGSSRNNSNNCVVHSTHRI\*ENIKTXENRQVN\*\*NKR\*RRR\*WH\*E\*WRPGRIISTGGGDGAPCSLGW\*\*\*SVVLQKKINFGSQSIMGYLCGKRQPPLYFVHLMLKHMKQRSIMYGPHMPVYPQTPTHKK\*\*WKM\*QKILTCGKITW\*NRCMKI\*LVYGIKV\*SHV\*N\*PHSVLL\*IALMLPWQIA\*RMIPVTRLPME\*KIAHSKSPQK\*EIRCRNNMQFFIILI\*YQ\*MIILIVVLLTIG\*\*VVTPQPLHKPAQRCPLNQFPYIIVPRLVLRF\*NVMIKSSMEQDHVKMLAQYNVHMELGQWYQPNFC\*MAA\*QRKR\*\*LDLPISRIMLKP\*\*YS\*INL\*\*LIVQDQTTIQEKVYI\*HQGEHFMQQEK\*\*EI\*DKHIATLVEQHGITL\*KW\*LKN\*ENNLIKQ\*SLIVPQEGT\*KL\*HTVLTVEGNFSIVTQQHCLIVLGGLTVLGRLQMTLKSYSHAE\*DKS\*TCGRK\*EKQCMPLPLVETLVAHQILQGYY\*QEMGVMEMVPKTRPSDLQEEI\*GTIGEVNCINIK\*\*ELNH\*E\*HPPRQREEWCREKKEQWD\*ELCSLGSWEQQEALWAQRR\*R\*RYRPDNYCLV\*CSSRAIC\*ELLRRNSICCNSQSGASSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCLGILVGVIKLRMKFGIT\*PGCSGKEKLTITQA\*YTP\*LKNRRANKKRMNKNYWNWVNGQVCGVGLI\*QIGCGI\*EYS\*\*\*\*EAW\*V\*E\*FLLCFL\*\*IELGRDTHHYRFRPTPQPRGDPTGPKESKKKVERETETDPDD\*

>B.2006.JF320169.-

MEPVDPRLEPWKHPGSQPKTACSKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAHQGSETHQVPLSKQ\*VIHVNDTFSDICNSSIGSSRNNSNNCVVHSTHRI\*ENIKTKENRQVN\*\*NKR\*RRR\*WH\*E\*WRPGRIISTGGGDGAPCSLGW\*\*\*SVVLQKKINFGSQSIMGYLCGKRQPPLYFVHLMLKHMKQRSIMYGPHMPVYPQTPTHKK\*\*WKM\*QKILTCGKITW\*NRCMKI\*LVYGIKV\*SHV\*N\*PHSVLL\*IALMLPWQIA\*RMIPVTRLPME\*KIAHSKSPQK\*EIRCRNNMQFFIILI\*YQ\*MIILIVVLLTIG\*\*VVTPQPLHKPAQRCPLNQFPYIIVPRLVLRF\*NVMIKSSMEQDHVKMLAQYNVHMELGQWYQPNFC\*MAA\*QRKR\*\*LDLPISRIMLKP\*\*YS\*INL\*\*LIVQDQTTIQEKVYI\*HQGEHFMQQEK\*\*EI\*DKHIATLVEQHGITL\*KW\*LKN\*ENNLIKQ\*SLIVPQEGT\*KL\*HTVLTVEGNFSIVTQQHCLIVLGGLTVLGRLQMTLKSYSHAE\*DKS\*TCGRK\*EKQCMPLPLVETLVAHQILQGYY\*QEMGVMEMVPKTRPSDLQEGI\*GTIGEVNCINIK\*\*ELNH\*E\*HPPRQREEWCREKKEQWD\*ELCSLGSWEQQEALWAQRR\*R\*RYRPDNYCLV\*CSSRAIC\*ELLRRNSICCNSQSGASSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCLGILVGVIKLRMKFGIT\*PGCSGKEKLTITQA\*YTP\*LKNRRANKKRMNKNYWNWVNGQVCGVGLI\*QIGCGI\*EYS\*\*\*\*EAW\*V\*E\*FLLCFL\*\*IELGRDTHHYRFRPTPQPRGDPTGPKESKKKVERETETDPDD\*

>B.2006.JF320170.-

MEPVDPRLEPWKHPGSQPKTACSKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAHQGSETHQVPLSKQ\*VIHVNDTFSDICNSSIGSSRNNSNNCVVHSTHRI\*ENIKTKENRQVN\*\*NKR\*RRR\*WH\*E\*WRPGRIISTGGGDGAPCSLGW\*\*\*SVVLQKKINFGSQSIMGYLCGKRQPPLYFVHLMLKHMKQRSIMYGPHMPVYPQTPTHKK\*\*WKM\*QKILTCGKITW\*NRCMKI\*LVYGIKV\*SHV\*N\*PHSVLL\*IALMLPWQIA\*RMIPVTRLPME\*KIAHSKSPQK\*EIRCRNNMQFFIILI\*YQ\*MIILIVVLLTIG\*\*VVTPQPLHKPAQRCPLNQFPYIIVPRLVLRF\*NVMIKSSMEQDHVKMLAQYNVHMELGQWYQPNFC\*MAA\*QRKR\*\*LDLPISRIMLKP\*\*YS\*INL\*\*LIVQDQTTIQEKVYI\*HQGEHFMQQEK\*\*EI\*DKHIATLVEQHGITL\*KW\*LKN\*ENNLIKQ\*SLIVPQEGT\*KL\*HTVLTVEGNFSIVTQQHCLIVLGGLTVLGRLQMTLKSYSHAE\*DKS\*TCGRK\*EKQCMPLPLVETLVAHQILQGYY\*QEMGVMEMVPKTRPSDLQEGI\*GTIGEVNCINIK\*\*ELNH\*E\*HPPRQREEWCREKKEQWD\*ELCSLGSWEQQEALWAQRR\*R\*RYRPDNYCLV\*CSSRAIC\*ELLRRNSICCNSQSGASSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCLGILVGVIKLRMKFGIT\*PGCSGKEKLTITQA\*YTP\*LKNRRANKKRMNKNYWNWVNGQVCGVGLI\*QIGCGI\*EYS\*\*\*\*EAW\*V\*E\*FLLCFL\*\*IELGRDTHHYRFRPTPQPRGDPTGPKESKKKVERETETDPDD\*

>B.2006.JF320171.-

MEPVDPRLEPWKHPGSQPKTACSKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAHQGSETHQVPLSKQ\*VIHVNDTFSDICNSSIGSSRNNSNNCVVHSTHRI\*ENIKTKENRQVN\*\*NKR\*RRR\*WH\*E\*WRPGRIISTGGGDGAPCSLGW\*\*\*SVVLQKKINFGSQSIMGYLCGKRQPPLYFVHLMLKHMKQRSIMYGPHMPVYPQTPTHKK\*\*WKM\*QKILTCGKITW\*NRCMKI\*LVYGIKV\*SHV\*N\*PHSVLL\*IALMLPWQIA\*RMIPVTRLPME\*KIAHSKSPQK\*EIRCRNNMQFFIILI\*YQ\*MIILIVVLLTIG\*\*VVTPQPLHKPAQRCPLNQFPYIIVPRLVLRF\*NVMIKSSMEQDHVKMLAQYNVHMELGQWYQPNFC\*MAA\*QRKR\*\*LDLPISRIMLKP\*\*YS\*INL\*\*LIVQDQTTIQEKVYI\*HQGEHFMQQEK\*\*EI\*DKHIATLVEQHGITL\*KW\*LKN\*ENNLIKQ\*SLIVPQEGT\*KL\*HTVLTVEGNFSIVTQQHCLIVLGGLTVLGRLQMTLKSYSHAE\*DKS\*TCGRK\*EKQCMPLPLVETLVAHQILQGYY\*QEMGVMEMVPKTRPSDLQEGI\*GTIGEVNCINIK\*\*ELNH\*E\*HPPRQREEWCREKKEQWD\*ELCSLGSWEQQEALWAQRR\*R\*RYRPDNYCLV\*CSSRAIC\*ELLRRNSICCNSQSGASSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCLGILVGVIKLRMKFGIT\*PGCSGKEKLTITQA\*YTP\*LKNRRANKKRMNKNYWNWVNGQVCGVGLI\*QIGCGI\*EYS\*\*\*\*EAW\*V\*E\*FLLCFL\*\*IELGRDTHHYRFRPTPQPRGDPTGPKESKKKVERETETDPDD\*

>B.2006.JF320172.-

MEPVDPRLEPWKHPGSQPKTACSKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAHQGSETHQVPLSKQ\*VIHVNDTFSDICNSSIGSSRNNSNNCVVHSTHRI\*ENIKTKENRQVN\*\*NKR\*RRR\*WH\*E\*WRPGRIISTGGGDGAPCSLGW\*\*\*SVVLQKKINFGSQSIMGYLCGKRQPPLYFVHLMLKHMKQRSIMYGPHMPVYPQTPTHKK\*\*WKM\*QKILTCGKITW\*NRCMKI\*LVYGIKV\*SHV\*N\*PHSVLL\*IALMLPWQIA\*RMIPVTRLPME\*KIAHSKSPQK\*EIRCRNNMQFFIILI\*YQ\*MIILIVVLLTIG\*\*VVTPQPLHKPAQRCPLNQFPYIIVPRLVLRF\*NVMIKSSMEQDHVKMLAQYNVHMELGQWYQPNFC\*MAA\*QRKR\*\*LDLPISRIMLKP\*\*YS\*INL\*\*LIVQDQTTIQEKVYI\*HQGEHFMQQEK\*\*EI\*DKHIATLVEQHGITL\*KW\*LKN\*ENNLIKQ\*SLIVPQEGT\*KL\*HTVLTVEGNFSIVTQQHCLIVLGGLTVLGRLQMTLKSYSHAE\*DKS\*TCGRK\*EKQCMPLPLVETLVAHQILQGYY\*QEMGVMXMVPKTRPSDLQEGI\*GTIGEVNCINIK\*\*ELNH\*E\*HPPRQREEWCREKKEQWD\*ELCSLGSWEQQEALWAQRR\*R\*RYRPDNYCLV\*CSSRAIC\*ELLRRNSICCNSQSGASSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCLGILVGVIKLRMKFGIT\*PGCSGKEKLTITQA\*YTP\*LKNRRANKKRMNKNYWNWVNGQVCGVGLI\*QIGCGI\*EYS\*\*\*\*EAW\*V\*E\*FLLCFL\*\*IELGRDTHHYRFRPTPQPRGDPTGPKESKKKVERETETDPDD\*

>B.2007.JF320173.-

MEPVDPRLEPWRHPGSQPKTACTNCYCKKCCMHCQLCFLKKGLGISYGRKKRRQRRRAHQGSQTHQVSLSKQ\*VIYVMQSLYIAAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRILDRIRERAEDSGNESEGDQEELSALVEMGHHAQMGHHAPWDVDDL\*CCRKLVGYSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSGIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLCHFKLHLCKE\*YERRIQKLLFQCHLRHKR\*IPESICTFL\*T\*CSTNR\*GEY\*L\*\*\*\*PE\*LY\*L\*VDKL\*HLSHYTGLSKGNL\*TNSHTLLYPGWFCASKV\*R\*EV\*WKRTM\*QCQHSTMYTWN\*ASSVNSAAVKW\*SSRRRNSN\*I\*QFHKQR\*NHNSTANRSYKN\*LHKTQQQYKEKYTYRTRESILYNRRNNRRYKGSTL\*H\*YNRLESHFKSGSYKIRRTI\*QNNSL\*AILRRGPRNCITQF\*LWRGVFLL\*YHTTV\*\*YLV\*RYLE\*YLE\*\*YHTYHTPMQNKTNYKHVAGGRKSNICPSHQRAN\*LFIKYYRAAVSKRWWY\*YY\*RQY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAK\*FAEGY\*GATTFVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEF\*LEQ\*IL\*SDLG\*HDLDAMGKRN\*KLHRLNIHLN\*GIAKPTRKE\*TRIIGIR\*VGKFVELV\*HIKMAVVYKNIHNDSRRLGRIKNSLCCIFFSK\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRHIRTI

>B.2007.JF320175.-

MEPVDPRLEPWRHPGSQPKTACTNCYCKKCCMHCQLCFLKKGLGISYGRKKRRQRRRAHQSSQTHQVSLSKQ\*VIYVMQSLYIAAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRILDRIRERAEDSGNESEGDQEELSALVEMGHHAQMGHHAPWDVDDL\*CCRKLVGYSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSGIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLCHFKLHLCKE\*YERRIQKLLFQCHLRHKR\*IPERICTFL\*T\*CSTNR\*GEY\*L\*\*\*\*PE\*LY\*L\*VDKL\*HLSHYTGLSKGNL\*TNSHTLLYPGWFCASKV\*R\*EV\*WKRTM\*QCQHSTMYTWN\*ASSVNSAAVKW\*SSRRRNSN\*I\*QFHKQR\*NHNSTANRSYKN\*LHKTQQQYKEKYTYRTRESILYNRRNNRRYKGSTL\*H\*YNRLESHFKTGSYKIRRTI\*QNNSL\*AILRRGPRNCITQF\*LWRGVFLL\*YHTTV\*\*YLV\*RYLE\*YLE\*\*YHTYHTPMQNKTNYKHVAGGRKSNICPSHQRAN\*LFIKYYRAAVSKRWWY\*YY\*RQY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAK\*FAEGY\*GATTFVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEF\*LEQ\*IL\*SDLG\*HDLDAMGKRN\*KLHRLNIHLN\*GIAKPTRKE\*TRIIGIR\*VGKFVELV\*HIKMAVVYKNIHNDSRRLGRIKNSLCCIFFSK\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRHIRTI

>B.2007.JF320179.-

MEPVDHNLEPWKHPGSRPKTDCTNCYCKRCCYHCQACFIRKALGISYGRKKRRQRRRAHRNSQDHQVPLPKQ\*VVHVMQSLQILAIVALVVVAIIAIVVWTIVLIEYRRIRRQRKINRIIDRIIERAEDSGNDSEGDQEELSVLMGMGHDAPWDVNDL\*C\*RRIVGHSLLWGTCVERSRYHSILCIRCQSI\*HRET\*CLGHTCLCTHRP\*PTRSSIGKYDRKF\*YVEK\*YGRTDA\*GYNQFMG\*KPKAMCKINPVMCYFKLH\*CECY\*K\*\*H\*VE\*YLGKDRGRRNKKLLFQCNHNRKKQDAERICTFL\*T\*CSTNRY\*\*YKLYIDKL\*YLSHYTGLSKGIL\*TNSYTLLYPSWFCASTV\*\*\*AVQWNRTM\*KCQHSTMYTWH\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHRQC\*NHNSTAEGNYKN\*LYKIQQQYKEKYTYRTRESILCNRRHNRRYKSSTL\*S\*\*NRME\*YLTTGSYKIKRTIWE\*NNSL\*SILRRGPRNCNT\*F\*LWRGIFLL\*YITAV\*\*HVAN\*WCMEWN\*RVRYHTSM\*NKTNCKQMAGSRKSNVCPSHQWTN\*MFIRYYRDTINKRWWGQ\*DRDRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*SAEGY\*GAAASVAAHSLGHQAAPGETPGCGKILSGSTAPRDLGLLWKTHLHH\*CALEC\*LE\*\*TSERDLG\*HDLDGVGERN\*QLHRHNIQLN\*RIAEPTRKE\*TRIIGIGQVGKFVELV\*YNKLAVVYKNIHNDSRRYSRFKNSSICTFYSE\*S\*AGILTIVIPDPLPNLEGTRQARRNRRRRWRKRQRWIRSI

>B.2007.JF320180.-

MEPVDHNLEPWKHPGSRPKTDCTNCYCKRCCYHCQACFIRKALGISYGRKKRRQRRRAHRNSQDHQVPLPKQ\*VVHVMQSLQILAIVALVVVAIIAIVVWTIVLIEYRRIRRQRKINRIIDRIIERAEDSGNDSEGDQEELSVLMGMGHDAPWDVNDL\*C\*RRIVGHSLLWGTCVERSRYHSILCIRCQSI\*HRET\*CLGHTCLCTHRP\*PTRSSIGKYDRKF\*YVEK\*YGRTDA\*GYNQFMG\*KPKAMCKINPVMCYFKLH\*CECY\*K\*\*H\*VE\*YLGKDRGRRNKKLLFQCNHNRKKQDAERICTFL\*T\*CSTNRY\*\*YKLYIDKL\*YLSHYTGLSKGIL\*TNSYTLLYPSWFCASTV\*X\*AVQWNRTM\*KCQHSTMYTWH\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHRQC\*NHNSTAEGNYKN\*LYKIQQQYKEKYTYRTRESILCNRRHNRRYKSSTL\*S\*\*NRME\*YLTTGSYKIKRTIWE\*NNSL\*SILRRGPRNCNT\*F\*LWRGIFLL\*YITAV\*\*HVAN\*WCMEWN\*RVRYHTSM\*NKTNCKQMAGSRKSNVCPSHQWTN\*MFIRYYRDTINKRWWGQ\*DRDRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*SAEGY\*GAAASVAAHSLGHQAAPGETPGCGKILSGSTAPRDLGLLWKTHLHH\*CALEC\*LE\*\*TSERDLG\*HDLDGVGERN\*QLHRHNIQLN\*RIAEPTRKE\*TRIIGIGQVGKFVELV\*YNKLAVVYKNIHNDSRRYSRFKNSSICTFYSE\*S\*AGILTIVIPDPLPNLEGTRQARRNRRRRWRKRQRWIRSI

>B.2007.JF320181.-

MEPVDHNLEPWKHPGSRPKTDCTNCYCKRCCYHCQACFIRKALGISYGRKKRRQRRRAHRNSQDHQVPLPKQ\*VVHVMQSLQILAIVALVVVAIIAIVVWTIVLIEYRRIRRQRKINRIIDRIIERAEDSGNDSEGDQEELSVLMGMGHDAPWDVNDL\*C\*RRIVGHSLLWGTCVERSRYHSILCIRCQSI\*HRET\*CLGHTCLCTHRP\*PTRSSIGKYDRKF\*YVEK\*YGRTDA\*GYNQFMG\*KPKAMCKINPVMCYFKLH\*CECY\*K\*\*H\*VE\*YLGKDRGRRNKKLLFQCNHNRKKQDAERICTFL\*T\*CSTNRY\*\*YKLYIDKL\*YLSHYTGLSKGIL\*TNSYTLLYPSWFCASTV\*\*\*AVQWNRTM\*KCQHSTMYTWH\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHRQC\*NHNSTAEGNYKN\*LYKIQQQYKEKYTYRTRESILCNRRHNRRYKSSTL\*S\*\*NRME\*YLTTGSYKIKRTIWE\*NNSL\*SILRRGPRNCNT\*F\*LWRGIFLL\*YITAV\*\*HVAN\*WCMEWN\*RVRYHTSM\*NKTNCKQMAGSRKSNVCPSHQWTN\*MFIRYYRDTINKRWWGQ\*DRDRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*SAEGY\*GAAASVAAHSLGHQAAPGETPGCGKILSGSTAPRDLGLLWKTHLHH\*CALEC\*LE\*\*TSERDLG\*HDLDGVGERN\*QLHRHNIQLN\*RIAEPTRKE\*TRIIGIGQVGKFVELV\*YNKLAVVYKNIHNDSRRYSRFKNSSICTFYSE\*S\*AGILTIVIPDPLPNLEGTRQARRNRRRRWRKRQRWIRSI

>B.2007.JF320182.-

MEPVDHNLEPWKHPGSRPKTDCTNCYCKRCCYHCQACFIRKALGISYGRKKRRQRRRAHRNSQDHQVPLPKQ\*VVHVMQSLQILAIVALVVVAIIAIVVWTIVLIEYRRIRRQRKINRIIDRIIERAEDSGNDSEGDQEELSVLMGMGHDAPWDVNDL\*C\*RRIVGHSLLWGTCVERSRYHSILCIRCQSI\*HRET\*CLGHTCLCTHRP\*PTRSSIGKYDRKF\*YVEK\*YGRTDA\*GYNQFMG\*KPKAMCKINPVMCYFKLH\*CECY\*K\*\*H\*VE\*YLGKDRGRRNKKLLFQCNHNRKKQDAERICTFL\*T\*CSTNRY\*\*YKLYIDKL\*YLSHYTGLSKGIL\*TNSYTLLYPSWFCASTV\*\*\*AVQWNRTM\*KCQHSTMYTWH\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHRQC\*NHNSTAEGNYKN\*LYKIQQQYKEKYTYRTRESILCNRRHNRRYKSSTL\*S\*\*NRME\*YLTTGSYKIKRTIWE\*NNSL\*SILRRGPRNCNT\*F\*LWRGIFLL\*YITAV\*\*HVAN\*WCMEWN\*RVRYHTSM\*NKTNCKQMAGSRKSNVCPSHQWTN\*MFIRYYRDTINKRWWGQ\*DRDRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*SAEGY\*GAAASVAAHSLGHQAAPGETPGCGKILSGSTAPRDLGLLWKTHLHH\*CALEC\*LE\*\*TSERDLG\*HDLDGVGERN\*QLHRHNIQLN\*RIAEPTRKE\*TRIIGIGQVGKFVELV\*YNKLAVVYKNIHNDSRRYSRFKNSSICTFYSE\*S\*AGILTIVIPDPLPNLEGTRQARRNRRRRWRKRQRWIRSI

>B.2006.JF320183.-

MEPVDPKLEPWKHPGSQPRTPCTNCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRRSPESSQTHQDSLSKQ\*VVHVMNPLEILAIVALVVAAILAIVVWTIVAIEYKKILRQRKIDKLIDRIRERAEDSGNESEGDQEELSALVVEMGHDAPWDIDDL\*CCKRKLVGHSLLWGTCVERSNRHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRSQPTRNNNGKCDRKF\*HVEK\*YGRADA\*GCNQFMG\*KPKAMCKINPTLCCSKMF\*CEYY\*CEC\*\*YQ\*\*\*HEINGDRGNKKLLFQCHQ\*QKG\*DEERICIVL\*P\*CSTNRG\*\*Q\*\*QL\*VDKL\*YLSHYTGLSKGIL\*TNSHILLCPGWFCDYKV\*\*\*EVQWNRNMYKCQHSTMHTWN\*ASSVNSTAVKWQSSRRRGSN\*ICQFLGQC\*THNSTAE\*NCKHYLHKTQQQYKKKYTYRTRESLLCNRTNNRRYKTSTL\*PQ\*NRLE\*NFKKGSHEIKRTI\*\*\*DHSL\*SLLRRRPRNCNAQFYLWRGIFLL\*FNRTV\*\*YLEWYLA\*\*RVK\*YQYHTPM\*NKTNCKYVAGSRKSNVCSSQGRNNYMYIKYYRADINKRWWRKWGQ\*YRDLQTWGREYEGQLEK\*IV\*I\*SSKNCELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVTLGAVLLGFLGAAGSTMGAASVALTVQARQLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLQDQQLLGIWGCSGKLICTTAVPWNDSWSNKSVDHIWGNMTWMEWDKEINNYTSLIYSLLEKSQIQQEMNEKELLELDKWASLWNWFDISNWLWYIRIFIMIVGGLIGLRIVFAIFSIVNRVRQGYSPLSFQTHLLAPREPDRPEGIEGEGGERDSDRSIRL

>B.2006.JF320184.-

MEPVDPKLEPWNHPGSQPRTACTKCYCKSCCFHCQVCFLTKGLGILYGRKKRRRRRRSPQDCEDHQASLSKQ\*VAYVMQPLVIGSIVALVIVAIIAIVVWTIVLIEYRRLLRQRKIDRLIDRINERAEDSGNESEGDQEELSALVERGHHAPWDVNDL\*CCRKIVGHCLLWGTCVERSNHYFILCIRC\*SI\*\*RGTQCLGYSCLCTHRPRPTRNTITKCDRKV\*HMEK\*HGRTDA\*GYNQFMGSKPKTMCKINPTLCYFTLH\*LYLGECHS\*E\*\*SR\*GAGRNKKLLFQYHHTHKR\*DKERIFAFL\*V\*YSTNK\*\*K\*\*Q\*QLYQL\*VDKL\*HLSHYTSLSKDIL\*TNSHTLLCPSWFCDSKV\*\*\*GVQWKR\*M\*KCQHSTMYTWT\*TSSINSIAVEWQPSRRRGSN\*I\*QFLKQC\*NHNSAAE\*SSKN\*LYKTQQQYKKGYTYRTRESILCNRRNNRRYKKSTL\*Y\*WKRMA\*YFKTDS\*KIKRTIC\*\*NNKLYRILRRGPRNCNAHF\*LWRRIFLL\*YNKTV\*\*YLE\*D\*Y\*K\*H\*RK\*H\*RRYYNPMQNKTSYKPVAGSRKSNVCPSHRRTNQLYIKCYRAIINKRWW\*HYRQQQHRGL\*TWRRRYEGQLEK\*TIQI\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSISDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGSGKIPKGSTAPRDLGLLWKAHLHH\*CALEY\*LE\*\*IL\*GHLEE\*HDLEAVGKRN\*QLHKHNIQLNSRIAEPTRKE\*KRIIGVRSVGKSVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFFCNFFSE\*S\*AGILTTVIADPPPSNTEGTRQARRNRRRRWREKQRHIRTI

>B.2005.JF320185.-

MDPVDPRLEPWKHPGSQPRTACTNCYCKKCCWHCQVCFLKKGLGISYGRKKRRQRRRSPQNSQTHQDSLSKQ\*VVHVMQSLAILAIVALVVAAILAIVVWTIVFIECRKASKQRKIDRLIDRIRERAEDSGNESEGDQEELSKLVERGHLAPWDIDDL\*CCRTRVGHSLLWGTCVEGSSHHFILCIRC\*SI\*FRGT\*CLGHTCLCTHRP\*PTRSSTAKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCKIDPPLCYFKLQ\*FDP\*WY\*YHQ\*\*YQ\*Q\*\*PGTRRGRRKEKLLFQYYHKPKRYGAKNICNFL\*P\*YSSNRQ\*\*Y\*\*Y\*I\*IDKL\*HLNHYTGLSKGIL\*ANSHTLLCPSWFCDSKVQR\*\*V\*WIRTMCKCQHSTMYAWNQASSINSTAVKWQSSKRRNSTQI\*KFHRQC\*NHLGAAEHICRNYLYKTWQQYKKKCEYRTRESFLCNNRHNRRYKKGIL\*H\*SRKMG\*HSRPDS\*KIKRTI\*\*NNSL\*SILRRGPRTYNAQF\*L\*RGIFLL\*YNKII\*\*YLNY\*\*YLE\*YYYLECYC\*\*WQYHTPMQNKTNHKYVAGSRKSNVCPSHQRRN\*MFIKHYRAAINKRWW\*\*RQQQYPRDLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSSVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSAAAEQSAEGY\*GAAASVATHSLGHQAAPGKTPGCGKIPKGPTAPGDLGLLWKTHLHHFCTLEC\*LE\*\*ISGLHLG\*HDLDAVGKRN\*QVHRRNIQLT\*GLADPTRKE\*TRIIRIR\*MGKFVELVSHNKLAVVYKNIHNDSRRLGRFKNNFCCTFYSK\*S\*AGILTIIIADPPPSTEGTRQARRNRRRRWRERQRQIRNI

>B.2006.JF320186.-

MEPIDPRLEPWKHPGSQPRTPCTSCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRRAPPGHQAHQASLSEQ\*VVNVMQPLVIVAIAALVVTGIIAIVVWSIVIIEYRKILRQRRIDRLLARISERAEDSGNDSDGDQEELSALVETGHDAPWDVNDL\*CYRAIVGHSILWGTCMERSNYHFILCIRC\*SI\*DRNA\*CLGHTCLCTHRPQPTRNKIGECNRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCHFKLQGSQWY\*DQ\*\*\*C\*\*Q\*HRGRNENRDKKLHFQCHWRHKR\*GTESLCIV\*FT\*YSTNRWK\*\*\*L\*DNKL\*HLHHYTGLSKSNL\*ANSHTLLCPGWFCDSTM\*\*\*KVQWNRTM\*KCQHSTMYTWN\*ASSVNSITVKWQFSRRRGDN\*ISEYLRQY\*NHNSTAE\*IYSN\*LYKTQQ\*YKKKYKYRTRESILCNRRYNRRYTPSTL\*H\*\*NKME\*YFRTDS\*EIKGKFWE\*NNSL\*YFLRRRSRNCNAQL\*LCRRIFLL\*YNTTV\*\*YLEYYYRVKCYYRVKWH\*YK\*HNHAPM\*NKANYKHVAGSRKSNVCSSHQRTN\*MFIKHYRATINKGWW\*\*PQQEPRDL\*TWRRRYEGQLEK\*TI\*I\*SSKN\*TIRSSTYHGKEKSGAERKESSGTRSSVPWVPGSSRKHYGRSVNNADGTGQTIIIWYSATAEQFAEGY\*GATAYVATHSLGHQAAPSKNPGCGKLPKGPTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*TSERDLG\*HDLDGVGKRN\*QLHKHNIHLNWGSAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKVAVVYKNIYNNSRRLDGVKNSFYCTFYSE\*S\*AGILTIVVSDPLPSPTGTRQARRNRRRRWRARQRQIQSI

>B.2006.JF320187.-

MEPVDPKLEPWKHPGSQPRTPCTNCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRRSPESSQTHQDSLSKQ\*VVHVMNPLEILAIVALVIAAILAIVVWTIVAIEYKKILRQRKIDKLIDRIRERAEDSGNESEGDQEELSALVVEMGHDAPWDIDDL\*CCKRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRSQPTRNNNGKCDRKF\*HVEK\*HGRADA\*GCNQFMG\*KPKAMCKINPTLCCSKMF\*CEYY\*CEC\*\*YQ\*\*\*HEINGDRGNKKLLFQCHR\*QKG\*DEERICIVL\*P\*CSTNRG\*\*Q\*\*QL\*VDKL\*YLSHYTGLSKGIL\*TNSHILLCPGWFCDYKV\*\*\*EVQWNRNMYKCQHSTMHTWN\*ASSVNSTAVKWQSSRRRGSN\*ICQFLGQC\*THNSTAE\*NCKHYLHKTQQQYKKKYTYRTRESLLCNRTNNRRYKTSTL\*PQ\*NRLE\*NFKKGSHEIKRTI\*\*\*DHSL\*SLLRRRPRNCNAQFYLRRGIFLL\*FNRTV\*\*YLEWYLA\*\*RVK\*YQYHTPM\*NKTNCKYVAGSRKSNVCSSQGRNNYMYIKYYRADINKRWWRKWGQ\*YRDLQTWGREYEGQLEK\*IV\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSNARSCAPWVLGSSRKHYGRSVSGADGTGQTIIVWYSATAEQSAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWETHLHHCCALE\*QLE\*QICGSYLG\*HDLDGVGQRN\*\*SHKFNIQLT\*KIANPTRNE\*ERIIGIG\*VGKFMELVRHIKLAVVYKNIHNDSRRLDRFKNSFCYIFYSE\*S\*AGIFTIIIPDPPPGPEGTRQARRNRRRRWRERQRQIRTI

>B.2005.JF320188.-

MDPVDPRLEPWKHPGSQPRTACTNCYCKKCCWHCQVCFLKKGLGISYGRKKRRQRRRSPQNSQTHQDSLSKQ\*VVHVMQSLAILAIVALVVAAILAIVVWTIVFIECRKASKQRKIDRLIDRIRERAEDSGNESEGDQEELSKLVERGHLAPWDIDDL\*CCRTRVGHSLLWGTCVEGSSHHFILCIRC\*SI\*FRGT\*CLGHTCLCTHRP\*PTRSSTAKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCKIDPPLCYFKLQ\*FDP\*WY\*YHQ\*\*YQ\*Q\*\*PGTRRGRRKEKLLFQYYHKPKRYGAKNICNFL\*P\*YSSNRQ\*\*Y\*\*Y\*I\*IDKL\*HLNHYTGLSKGIL\*ANSHTLLCPSWFCDSKVQR\*\*V\*WIRTMCKCQHSTMYAWNQASSINSTAVKWQSSKRRDSTQI\*KFHRQC\*NHLGAAEHICRNYLYKTWQQYKKKCEYRTRESFLCNNRHNRRYKKGIL\*H\*SRKMG\*HSRPDS\*KIKRTI\*\*NNSL\*SILRRGPRTYNAQF\*L\*RGIFLL\*YNKII\*\*YLDY\*\*YLE\*YYYLEYYC\*\*WQYHTPMQNKTNHKYVAGSRKSNVCPSHQRRN\*MFIKHYRAAINKRWW\*\*RQQQYPRDLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSSVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSAAAEQSAEGY\*GAAASVATHSLGHQAAPGKTPGCGKIPKGPTAPGDLGLLWKTHLHHFCTLEC\*LE\*\*ISGLHLG\*HDLDAVGKRN\*QVHRRNIQLT\*GLADPTRKE\*TRIIRIR\*MGKFVELVSHNKLAVVYKNIHNDSRRLGRFKNNFCCTFYSK\*S\*AGILTIIIADPPPSTEGTRQARRNRRRRWRERQRQIRNI

>B.2007.JF320189.-

MEPVDPRLEPWNHPGSQPRTACTSCYCKKCCYHCQVCFVTKGLGISYGRKKRRQRRAAPTDNKIHQVSLPKQ\*VVYVMQPLIIVAIVALVIVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELAALMEMGHNAPWDVNDL\*CRRSNVGHSLLWGTCMERSNHHSILCIRC\*SI\*\*RGT\*CLGHTCLCTHRPQPTRISIGKCNRRI\*HVEK\*HGRPDA\*GYNRVMGSKPKTMCRINPTLCYFKLR\*L\*WYC\*\*YHSECH\*K\*QDKNGARRNTKLLFQHLHKHKR\*GAERTCTFL\*N\*YSTNR\*\*W\*\*\*\*L\*VIKL\*HLSH\*TGLSKSNL\*ANSHTLLCPSWFCDSTM\*G\*KVQWNRTM\*KCQHSTMYTWD\*ASSINSTAVKWQSSRRRDNN\*I\*ESHK\*C\*NHNSTSE\*ICRN\*LYKTQ\*QYKKKYTYRTRESILCNRRYNRRHKKSTL\*H\*WNKMEEHFKTDSYKIKRQIWEQNNNL\*AILRRGPRSYDAHF\*LWRRIFLL\*FIRTV\*\*YLDLE\*D\*RVYY\*RVNY\*WDNHTPM\*NKTNYKHVAESRKSNVCPSHPRTN\*MFIKYYGAAINKRWW\*R\*HHQ\*QRNLQTWRR\*YEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKTSSGTRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAKGY\*GATSSVATHSLGHQAAPGKSPCYREIPKGSTAPGDLGLLWKTHLHHFCTLE\*\*LE\*\*IFQ\*YLG\*HDLDGVGKRN\*QLHKNNIHPN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKMAMVYKNIHNDSRRLNRFKNSFCCTLSSKKS\*AGVLTIVISDPPPSPEGTRQARRNRRRRWRTRQRQIQSI

>B.2005.JF320190.-

MDPVDPRLEPWKHPGSQPRTACTNCYCKKCCWHCQVCFLKKGLGISYGRKKRRQRRRSPQNSQTHQDSLSKQ\*VVHVMQSLAILAIVALVVAAILAIVVWTIVFIECRKASKQRKIDRLIDRIRERAEDSGNESEGDQEELSKLVERGHLAPWDIDDL\*CCRTRVGHSLLWGTCVEGSSHHFILCIRC\*SI\*FRGT\*CLGHTCLCTHRP\*PTRSSTAKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCKIDPPLCYFKLQ\*FDP\*WY\*YHQ\*\*YQ\*Q\*\*PGTRRGRRKEKLLFQYYHKPKRYGAKNICNFL\*P\*YSSNRQ\*\*Y\*\*Y\*I\*IDKL\*HLNHYTGLSKGIL\*ANSHTLLCPSWFCDSKVQR\*\*V\*WIRTMCKCQHSTMYAWNQASSINSTAVKWQSSKRRDSTQI\*KFHRQC\*NHLGAAEHICRNYLYKTWQQYKKKCEYRTRESFLCNNRHNRRYKKGIL\*H\*SRKMG\*HSRPDS\*KIKRTI\*\*NNSL\*SILRRGPRTYNAQF\*L\*RGIFLL\*YNKII\*\*YLDY\*\*YLE\*YYYLECYC\*\*WQYHTPMQNKTNHKYVAGSRKSNVCPSHQRRN\*MFIKHYRAAINKRWW\*\*RQQQYPRDLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSSVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSAAAEQSAEGY\*GAAASVATHSLGHQAAPGKTPGCGKIPKGPTAPGDLGLLWKTHLHHFCTLEC\*LE\*\*ISGLHLG\*HDLDAVGKRN\*QVHRRNIQLT\*GLADPTRKE\*TRIIRIR\*MGKFVELVSHNKLAVVYKNIHNDSRRLGRFKNNFCCTFYSK\*S\*AGILTIIIADPPPSTEGTRQARRNRRRRWRERQRQIRNI

>B.2007.JF320191.-

MEPVDPNLEPWKHPGSQPRTACNNCYCKKCCWHCQVCFSTKGLGISYGRKKRRQRRRAPKDSQTHQAPISKQ\*VVHVMQSLVILAIVALVVAAILAIVVWTIVFLEYRKILRQRKIDRLIDRIAERAEDSGNESEGDHEELSALMEMGYNAPWNVDDM\*CCRPIVGHSLLWGTCVERNSHHSILCIRC\*SI\*PRGT\*CLGHTCLCTHRPQPTRNTIGKCDRRF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*\*VEK\*N\*WRNKKLLFQHHHTLKRQDAERRICTLL\*T\*CSTNR\*\*\*\*Y\*L\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLYPGWLCDSKV\*R\*EFQWNRNMSQCQHSTMYSWN\*ASSVNSTAVKWQSSRRRCSN\*ICQFLRQY\*NYNSTAIGICKNKLYKTQQ\*YKKKYAYRTRESILCNRRYNRRYKTSTL\*H\*\*NRLE\*HFK\*DKGKIKKPIWR\*KNSL\*YILRRGPRSCDAHF\*LWRRIFLL\*HNKTV\*\*\*WG\*\*Y\*\*\*SG\*K\*YYYPSMQDKTNYKHVAGSRKSNVCPSHPRTN\*LFIKYYRATLNKRWW\*\*Q\*H\*WN\*DLQTWRRRYERQLEK\*II\*VQSSKN\*TIRNSTHQGKEKSGTKRKKSSGNAGSCVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQYAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPSGSTAPRDLGLLWKTHLCHCCALEC\*LE\*QIPEPNLGEHDLDAVGKRN\*QLHRINIHLT\*KIAEPARKE\*TRIIGIG\*MGKPVELV\*HNTMAVVYKSIHNDNRRLNRFKNSLCCN\*YSK\*S\*AGVLTIIISDPPPNPEGTRQARRNRRRRWRQKQRHIRTI

>B.2005.JF320192.-

MDPVDPRLEPWKHPGSQPRTACTNCYCKKCCWHCQVCFLKKGLGISYGRKKRRQRRRSPQNSQTHQDSLSKQ\*VVHVMQSLAILAIVALVVAAILAIVVWTIVFIECRKASKQRKIDRLIDRIRERAEDSGNESEGDQEELSKLVERGHLAPWDIDDL\*CCRTRVGHSLLWGTCVEGSSHHFILCIRC\*SI\*FRGT\*CLGHTCLCTHRP\*PTRSSTAKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCKIDPPLCYFKLQ\*FDP\*WY\*YHQ\*\*YQ\*Q\*\*PGTRRGRRKEKLLFQYYHKPKRYGAKNICNFL\*P\*YSSNRQ\*\*Y\*\*Y\*I\*IDKL\*HLNHYTGLSKGIL\*ANSHTLLCPSWFCDSKVQR\*\*V\*WIRTMCKCQHSTMYAWNQASSINSTAVKWQSSKRRDSTQI\*KFHRQC\*NHLGAAEHICRNYLYKTWQQYKKKCEYRTRESFLCNNRHNRRYKKGIL\*H\*SRKMG\*HSRPDS\*KIKRTI\*\*NNSL\*SILRRGPRTYNAQF\*L\*RGIFLL\*YNKII\*\*YLDY\*\*YLE\*YYYLECYC\*\*WQYHTPMQNKTNHKYVAGSRKSNVCPSHQRRN\*MFIKHYRAAINKRWW\*\*RQQQYPRDLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSSVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSAAAEQSAEGY\*GAAASVATHSLGHQAAPGKTPGCGKIPKGPTAPGDLGLLWKTHLHHFCTLEC\*LE\*\*ISGLHLG\*HDLDAVGKRN\*QVHRRNIQLT\*GLADPTRKE\*TRIIRIR\*MGKFVELVSHNKLAVVYKNIHNDSRRLGRFKNNFCCTFYSK\*S\*AGILTIIIADPPPSTEGTRQARRNRRRRWRERQRQIRNI

>B.2006.JF320193.-

MEPIDPRLEPWKHPGSQPRTPCTSCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRRAPPGHQAHQASLSEQ\*VVNVMQPLVIVAIAALVVTGIIAIVVWSIVIIEYRKILRQRRIDRLLARISERAEDSGNDSDGDQEELSALVETGHDAPWDVNDL\*CYRAIVGHSILWGTCMERSNYHFILCIRC\*SI\*DRNA\*CLGHTCLCTHRPQPTRNKIGECNRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCHFKLQGSQWY\*DQ\*\*\*C\*\*Q\*HRGRNENRDKKLHFQCHWRHKR\*GTESLCIV\*FT\*YSTNRWK\*\*\*L\*DNKL\*HLHHYTGLSKSNL\*ANSHTLLCPGWFCDSTM\*\*\*KVQWNRTM\*KCQHSTMYTWN\*ASSVNSITVKWQFSRRRGDN\*ISEYLRQY\*NHNSTAE\*IHSN\*LYKTQQ\*YKKKYKYRTRESILCNRRYNRRYTPSTL\*H\*\*NKME\*YFRTDS\*EIKGKFWE\*NNSL\*YFLRRRSRNCNAQL\*LCRRIFLL\*YNTTV\*\*YLEYYYRVKCYYRVKWH\*YK\*HNHAPM\*NKANYKHVAGSRKSNVCSSHQRTN\*MFIKHYRATINKGWW\*\*PQQEPRDL\*TWRRRYEGQLEK\*TI\*I\*SSKN\*TIRSSTYHGKEKSGAERKESSGTRSSVPWVPGSSRKHYGRSVNNADGTGQTIIIWYSATAEQFAEGY\*GATAYVATHSLGHQAAPSKSPGCGKLPKGPTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*TSERDLG\*HDLDGVGKRN\*QLHKHNIHLNWRSAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKVAVVYKNIYNNSRRLDGVKNSFYCTFYSE\*S\*AGILTIVVSDPLPSPTGTRQARRNRRRRWRARQRQIQSI

>B.2005.JF320194.-

MDPVDPRLEPWKHPGSQPRTACTNCYCKKCCWHCQVCFLKKGLGISYGRKKRRQRRRSPQNSQTHQDSLSKQ\*VVHVMQSLAILAIVALVVAAILAIVVWTIVFIECRKVSKQRKIDRLIDRIRERAEDSGNESEGDQEELSKLVERGHLAPWDIDDL\*CCRTRVGHSLLWGTCVEGSSHHFILCIRC\*SI\*FRGT\*CLGHTCLCTHRP\*PTRSSTAKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCKIDPPLCYFKLQ\*FDP\*WY\*YHQ\*\*YQ\*Q\*\*PGTRRGRRKEKLLFQYYHKPKRYGAKNICNFL\*P\*YSSNRQ\*\*Y\*\*Y\*I\*IDKL\*HLNHYTGLSKGIL\*ANSHTLLCPSWFCDSKVQR\*\*V\*WIRTMCKCQHSTMYAWNQASSINSTAVKWQSSKRRDSTQI\*KFHRQC\*NHLGAAEHICRNYLYKTWQQYKKKCEYRTRESFLCNNRHNRRYKKGIL\*H\*SRKMG\*HSRPDS\*KIKRTI\*\*NNSL\*SILRRGPRTYNAQF\*L\*RGIFLL\*YNKII\*\*YLDY\*\*YLE\*YYYLECYC\*\*WQYHTPMQNKTNHKYVAGSRKSNVCPSHQRRN\*MFIKHYRAAINKRWW\*\*RQQQYPRDLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSSVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSAAAEQSAEGY\*GAAASVATHSLGHQAAPGKTPGCGKIPKGPTAPGDLGLLWKTHLHHFCTLEC\*LE\*\*ISGLHLG\*HDLDAVGKRN\*QVHRRNIQLT\*GLADPTRKE\*TRIIRIR\*MGKFVELVSHNKLAVVYKNIHNDSRRLGRFKNNFCCTFYSK\*S\*AGILTIIIADPPPSTEGTRQARRNRRRRWRERQRQIRNI

>B.2007.JF320195.-

MEPVDPNLEPWKHPGSQPRTACNNCYCKKCCWHCQVCFSTKGLGISYGRKKRRQRRRAPKDSQTHQAPISKQ\*VVHVMQSLVILAIVALVVAAILAIVVWTIVFLEYRKILRQRKIDRLIDRIAERAEDSGNESEGDHEELSALMEMGYNAPWNVDDM\*CCRPIVGHSLLWGTCVERNSHHSILCIRC\*SI\*PRGT\*CLGHTCLCTHRPQPTRNTIGKCDRRF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*\*VEK\*N\*WRNKKLLFQHHHTLKRQDAERRICTLL\*T\*CSTNR\*\*\*\*Y\*L\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLYPGWLCDSKV\*R\*EFQWNRNMSQCQHSTMYSWN\*ASSVNSTAVKWQSSRRRCSN\*ICQFLRQY\*NYNSTAIGICKNKLYKTQQ\*YKKKYAYRTRESILCNRRYNRRYKTSTL\*H\*\*NRLE\*HFK\*DKGKIKKPIWR\*KNSL\*YILRRGPRSCDAHF\*LWRRIFLL\*HNKTV\*\*\*WG\*\*Y\*\*\*SG\*K\*YYYPSMQDKTNYKHVAGSRKSNVCPSHPRTN\*LFIKYYRATLNKRWW\*\*Q\*H\*WN\*DLQTWRRRYERQLEK\*II\*VQSSKN\*TIRNSTHQGKEKSGTKRKKSSGNAGSCVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQYAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPSGSTAPRDLGLLWKTHLCHCCALEC\*LE\*QIPEPNLGEHDLDAVGKRN\*QLHRINIHLT\*KIAEPARKE\*TRIIGIG\*MGKPVELV\*HNTMAVVYKSIHNDNRRLNRFKNSLCCN\*YSK\*S\*AGVLTIIISDPPPNPEGTRQARRNRRRRWRQKQRHIRTI

>B.2006.JF320196.-

MEPIDPRLEPWNHPGSQPKTACTSCYCKRCCYHCQLCFIHKGLGISYGRKKRRQRRRPPPDNQTHQASLSKQ\*VVRVMQPLVILGIVALVVAAILAIVVWSIVFIEYRKILRQRKIDRLIARISERAEDSGNESEGDQEELSALVEMGHLAPWDIIDE\*CSGATVGHSVLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNNITKCNRRF\*HVEK\*HGRTDA\*GYNQFMGSKPQAMCKINPTLCYFKLH\*T\*WY\*\*PD\*Y\*\*H\*\*YRGGRDEKLLFQYHHKRER\*NEKRICNIL\*P\*YSTNRGE\*\*Y\*L\*VSKL\*HLSPHTGLSKNNL\*ANSHTLLCPGWFCDSKM\*GQEVQWNRSM\*ECQHSTVYTWN\*TSSVNSTAVKWQSSRRRGSNQI\*KYH\*QY\*NHNSTAERSCKD\*LYKTQQQYKEKYTYSTRGSILCNWGYNRRYKTSTLQH\*\*SRLE\*HFKTDS\*KIKGKFQ\*NNSL\*YLLRRRPRNCNAQL\*LCRGIFLL\*YNKTV\*\*YLELE\*YNRGQ\*H\*R\*\*DYHTPM\*NKTNYKHVADSRKSNVCPSHQRTN\*MFIKHYRDTTDKGWW\*\*EQQLHPRDLQTWRRRYKGQLEK\*TI\*I\*SSTN\*TIRNSTHQGKEKSGAKRKKSSGTRSVVHWVLGSSRKHYGRSISDADGTGQTITVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGESPGCGKIPKGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*IF\*THLE\*HDLDAVGKRN\*\*LHRLNILLN\*TIANPARNE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIYNDSRRLGRSKNSFYCIFYSE\*S\*EGILTIIVSDPLPSPEGTRQARRNRRRRWRTRQRQIQSI

>B.2007.JF320197.-

MDPVDPSLEPWKHPGSKPKTECTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSETHQVPLPKQ\*VVHVMQSLYIVAIVALVVAAIIAIIVWTIVIIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEQLLMEMGHYAPGDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*STRNILEKCDRKF\*HVEK\*YGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*C\*VEWYQCH\*\*YGK\*SKKLLFQYHQNHRK\*DAERICTFL\*T\*CNATR\*\*K\*YYKLYINKL\*HLSHYTGLSKGIL\*TNSHTFLYPGWFCDSKM\*\*\*GV\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAIQWQSSRKGDND\*I\*KFHRQC\*NHISTAKCFCTN\*LYKAL\*QYKEKYTCGTRESTLCNRRYNRRSKTSTL\*RYWLNMA\*DYKTNKQKIRRTI\*\*NNTV\*SILRRGPRNHNAHF\*LWRGIFLL\*YNTAV\*\*YLD\*REHY\*EWNYHTPMQNKTNYKQVAGSRKSNVCPSHQRRXQMHIKYYRTIINKRWGKSHQ\*\*RDIQTWRRKYEGQLEK\*II\*I\*SSTN\*AIRSSTHQGKEESGAKRKKSSGSNRSYVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSATAEQSAESY\*GAAAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHRCALE\*\*LE\*\*ISRCNLGKHDLDAVGQRN\*QLHTINILLT\*RLAKPTRKE\*TRLIGIR\*MGQSMELV\*HIKLAVVYKNIYNDSRRLGRYKNSFYCTFYSE\*S\*AGILTIVVSDPPPSAEGTRQARRNRRRRWRERQRQIRTI

>B.2007.JF320198.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCWHCQVCFLKKGLGISYGRKKRRQRRRAPQDSEDHQDSLPKQ\*VINVMQPLVIAAIVALVVVAIIAIVVWTIVIIEYRKILVQRKIDQLIDRIRERAEDSGNESEGDQEELSALLEMGHLAPGDVDDL\*C\*RKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGYTCLCTHRPQPTRNSIGKCDRRV\*HVEK\*YGGTDA\*GYNQFMGSKPKAMCKINPTLCHFKLH\*C\*A\*YH\*C\*E\*\*WY\*YYH\*\*FNRHRRDEELLFQYHLKHKRQDEEGKCTVLQT\*CSTNRK\*YF\*L\*VDKL\*HLSHYTGLSKDIL\*ANSHTLLYPGWFCDLKVQ\*\*EVQWNRNMYKGQHSTMHTWN\*ASSVHSTAVKWQSSKRRGSNQICQFHRQC\*NHNSAVKPLCTNRL\*KTQQ\*YKKRYTYRARENILCNRRYNRRHKTSTL\*C\*\*SRLELHFTTHR\*KISRPI\*\*NNSL\*PLLRRRP\*SCDAHF\*LWRRIFLL\*YHTTV\*\*YLECHTTG\*YYWEYHRA\*\*\*N\*KYYTPM\*NKTNYKHVAGSRKSNVCSSHRRTN\*MFIKYYRFTISKRWWQ\*Q\*HGDLQTSRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGHQATPGKSPGCRKIPTGSTAPRNLGLLWKTHLHHCCALEC\*LE\*\*ISGPNLA\*HDLDGVGKRN\*QLHRVNIHLT\*NIAEPARKE\*TRIIGIG\*VGKSVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFCNK\*S\*EGILTIVIPDPPPKPEGTRQARRNRRRRWRQRQRDIKKI

>B.2007.JF320199.-

MEPVDPNLEPWKHPGSQPRTACNNCYCKKCCWHCQVCFSTKGLGISYGRKKRRQRRRAPKDSQTHQAPISKQ\*VVHVMQSLVILAIVALVVAAILAIVVWTIVFLEYRKILRQRKIDRLIDRIAERAEDSGNESEGDHEELSALMEMGYNAPWNVDDM\*CCRPIVGHSLLWGTCVERNSHHSILCIRC\*SI\*PRGT\*CLGHTCLCTHRPQPTRNTIGKCDRRF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*\*VEK\*N\*WRNKKLLFQHHHTLKRQDAERRICTLL\*T\*CSTNR\*\*\*\*Y\*L\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLYPGWLCDSKV\*R\*EFQWNRNMSQCQHSTMYSWN\*ASSVNSTAVKWQSSRRRCSN\*ICQFLRQY\*NYNSTAIGICKNKLYKTQQ\*YKKKYAYRTRESILCNRRYNRRYKTSTL\*H\*\*NRLE\*HFK\*DKGKIKKPIWR\*KNSL\*YILRRGPRSCDAHF\*LWRRIFLL\*HNKTV\*\*\*WG\*\*Y\*\*\*SG\*K\*YYYPSMQDKTNYKHVAGSRKSNVCPSHPRTN\*LFIKYYRATLNKRWW\*\*Q\*H\*WN\*DLQTWRRRYERQLEK\*II\*VQSSKN\*TIRNSTHQGKEKSGTKRKKSSGNAGSCVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQYAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPSGSTAPRDLGLLWKTHLCHCCALEC\*LE\*QIPEPNLGEHDLDAVGKRN\*QLHRINIHLT\*KIAEPARKE\*TRIIGIG\*MGKPVELV\*HNTMAVVYKSIHNDNRRLNRFKNSLCCN\*YSK\*S\*AGYSPLSFQTHLPTPRGPGRPEGIEEEGGDRNRDTSARL

>B.2007.JF320200.-

MDPVDPSLEPWKHPGSKPKTECTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSETHQVPLPKQ\*VVHVMQSLYIVAIVALVVAAIIAIIVWTIVIIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEQLLMEMGHHAPGDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*STRNILEKCDRKF\*HVEK\*YGRTDAGGYN\*FMGSKPKAMCKINSTLCYFKLH\*C\*VEWYQCH\*\*YGK\*SKKLLFQYHQNHRK\*DAERICTFL\*T\*CNATR\*\*K\*YYKLYINKL\*HLSHYTGLSKGIL\*TNSHTFLYPGWFCDSKM\*\*\*GV\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAIQWQSSRKGDND\*I\*KFHRQC\*NHNSTAKCFCTN\*LYKAL\*QYKEKYTYGTRESTLCNRRYNRRSKTSTL\*RDWLNMA\*DYKTNKQKIRRTI\*\*NNTV\*SILRRGPRNHNAHF\*LWRGIFLL\*YNTAV\*\*YLD\*REHY\*EWNYHTPMQNKTNYKQVAGSRKSNVCPSHQRRNQMHIKYYRTIINKRWGKSHQ\*\*RDIQTWRRKYEGQLEK\*II\*I\*SSTN\*AIRSSTHQGKEESGAKRKKSSGSNRSYVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSATAEQSAESY\*GAAAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHRCALE\*\*LE\*\*ISRCNLGKHDLDAVGQRN\*QLHTINILLT\*RLAKPTRKE\*TRLIGIR\*MGQSMELV\*HIKLAVVYKNIYNDSRRLGRYKNSFYCTFYSE\*S\*AGILTIVVSDPSPSAEGTRQARRNRRRRWRERQRQIRTI

>B.2006.JF320201.-

MEPIDPRLEPWKHPGSQPRTPCTSCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRRAPPGHQAHQASLSEQ\*VVNVMQPLVIVAIAALVVTGIIAIVVWSIVIIEYRKILRQRRIDRLLARISERAEDSGNDSDGDQEELSALVETGHDAPWDVNDL\*CYRAIVGHSILWGTCMERSNYHFILCIRC\*SI\*DRNA\*CLGHTCLCTHRPQPTRNKIGECNRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCHFKLQGSQWY\*DQ\*\*\*C\*\*Q\*HRGRNENRDKKLHFQCHWRHKR\*GTESLCIV\*FT\*YSTNRWK\*\*\*L\*DNKL\*HLHHYTGLSKSNL\*ANSHTLLCPGWFCDSTM\*\*\*KVQWNRTM\*KCQHSTMYTWN\*ASSVNSITVKWQFSRRRGDN\*ISEYLRQY\*NHNSTAE\*IYSN\*LYKTQQ\*YKKKYKYRTRESILCNRRYNRRYTPSTL\*H\*\*NKME\*YFRTDS\*EIKGKFWE\*NNSL\*YFLRRRSRNCNAQL\*LCRRIFLL\*YNTTV\*\*YLEYYYRVKCYYRVKWH\*YK\*HNHAPM\*NKANYKHVAGSRKSNVCSSHQRTN\*MFIKHYRATINKGWW\*\*PQQEPRDL\*TWRRRYEGQLEK\*TI\*I\*SSKN\*TIRSSTYHGKEKSGAERKESSGTRSSVPWVPGSSRKHYGRSVNNADGTGQTIIIWYSATAEQFAEGY\*GATAYVATHSLGHQAAPSKNPGCGKLPKGPTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*TSERDLG\*HDLDGVGKRN\*QLHKHNIHLNWRSAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKVAVVYKNIYNNSRRLDGVKNSFYCTFYSE\*S\*AGILTIVVSDPLPSPTGTRQARRNRRRRWRARQRQIQSI

>B.2007.JF320202.-

MDPVDPSLEPWKHPGSKPKTECTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSETHQVPLPKQ\*VVHVMQSLYIVAIVALVVAAIIAIIVWTIVIIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEQLLMEMGHHAPGDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*STRNILEKCDRKF\*HVEK\*YGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFXLH\*C\*VEWYQCH\*\*YGK\*SKKLLFQYHQNHRK\*DAERICTFL\*T\*CNATR\*\*K\*YYKLYINKL\*HLSHYTGLSKGIL\*TNSHTFLYPGWFCDSKM\*\*\*GV\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAIQWQSSRKGDND\*I\*KFHRQF\*NHNSTAKCFCTN\*LYKAL\*QYKEKYTYGTRESTLCNRRYNRRSKTSTL\*RYWLNMA\*DYKTNKQKIRRTI\*\*NNTV\*SILRRGPRNHNAHF\*LWRGIFLL\*YNTAV\*\*YLD\*REHY\*EWNYHTPMQNKTNYKQVAGSRKSNVCPSHQRRNQMHIKYYRTIINKRWGKSHQ\*\*RDIQTWRRKYEGQLEK\*II\*I\*SSTN\*AIRSSTHQGKEESGAKRKKSSGSNRSYVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSATAEQSAESY\*GAAAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHRCALE\*\*LE\*\*ISRCNLGKHDLDAVGQRN\*QLHTINILLT\*RLAKPTRKE\*TRLIGIR\*MGQSMELV\*HIKLAVVYKNIYNDSRRLGRYKNSFYCTFYSE\*S\*AGILTIVVSDPXPXAEGTRQARRNRRRRWRERQRQIRTI

>B.2006.JF320203.-

MEPVDPKLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTHQNSLSKQ\*VNTCNECFINSINSGSSSSSNNSNSCVDHSNYRI\*ENINTKKDRQVN\*\*NKRKSRRQWQ\*E\*RGSGRIVGDYGDGAPCSLGY\*\*SVMLQKTCGSQSIMGYLCGKKQIPLYFVHQMLKHMIQRYIMCGPHMPVCPQIPTHKKYYWKM\*QKTLTCGKITW\*NRCMRI\*SVYGIKA\*SHV\*N\*PHSVLL\*IALMLMLLVLMVRALLVARN\*GIALSMLPQTEEIR\*RQNMHFSIGLI\*YK\*IIVVVG\*\*VVTPQSLHKPVQRYPLSQSPYITVPRLALRF\*SVMIRNLRERDNVEMSAQYNVHMELGQ\*YQLNCC\*MAV\*QKKR\*\*LDPAISRTMLKP\*\*YI\*MNLYKLIVQDPTIIQEKV\*I\*DQGEHSMQQKP\*\*EI\*DKHIVTSVENHGKTL\*KG\*LKKLREKFKNKTIAFNHSSGGDLEIVTHSFNCGGEFFYCNTTSLFNGTWNGTWDNTWQGSNGTITLQCRIKQIINMWQEVGKAMYAPPRAGIINCVSNITGLMLMRDGGKEDNSTENSTEIFRPGGGNMKDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVTIGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNNSWSNKTMEQIWDNMTWMEWDKEINKYTGVIYTLIENSQTQQEKNEQELLALDKWASLWNWFDITNWLWYIKTFIMIVGGLIGLRIVFAVLSVVNRVRQGYSPLSFQTHLLGPRGPDRPEGIEEEGGERDRGRSVRL

>B.2007.JF320204.-

MEPVDPNLEPWKHPGSQPRTACNNCYCKKCCWHCQVCFSTKGLGISYGRKKRRQRRRAPKDSQTHQAPISKQ\*VVHVMQSLVILAIVALVVAAILAIVVWTIVFLEYRKILRQRKIDRLIDRIAERAEDSGNESEGDHEELSALMEMGYNAPWNVDDM\*CCRPIVGHSLLWGTCVERNSHHSILCIRC\*SI\*PRGT\*CLGHTCLCTHRPQPTRNTIGKCDRRF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*\*VEK\*N\*WRNKKLLFQHHHTLKRQDAERRICTLL\*T\*CSTNR\*\*\*\*Y\*L\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLYPGWLCDSKV\*R\*EFQWNRNMSQCQHSTMYSWN\*ASSVNSTAVKWQSSRRRCSN\*ICQFLRQY\*NYNSTAIGICKNKLYKTQQ\*YKKKYAYRTRESILCNRRYNRRYKTSTL\*H\*\*NRLE\*HFK\*DKGKIKKPIWR\*KNSL\*YILRRGPRSCDAHF\*LWRRIFLL\*HNKTV\*\*\*WG\*\*Y\*\*\*SG\*K\*YYYPSMQDKTNYKHVAGSRKSNVCPSHPRTN\*LFIKYYRATLNKRWW\*\*Q\*H\*WN\*DLQTWRRRYERQLEK\*II\*VQSSKN\*TIRNSTHQGKEKSGTKRKKSSGNAGSCVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQYAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPSGSTAPRDLGLLWKTHLCHCCALEY\*LE\*QIPEPNLGEHDLDAVGKRN\*QLHRINIHLT\*KIAEPARKE\*TRIIGIG\*MGKPVELV\*HNTMAVVYKSIHNDNRRLNRFKNSLCCN\*YSK\*S\*AGVLTIIISDPPPNPEGTRQARRNRRRRWRQKQRHIRTI

>B.2007.JF320205.-

MDPVDPSLEPWKHPGSKPKTECTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSETHQVPLPKQ\*VVHVMQSLYIVAIVALVVAAIIAIIVWTIVIIEYRKILRQRRIDRLIDRIRERVEDSGNESEGDQEQLLMEMGHHAPGDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*STRNILEKCDRKF\*HVEK\*YGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*C\*VEWYQCH\*\*YGK\*SKKLLFQYHQNHRK\*DAERICTFL\*T\*CNATR\*\*K\*YYKLYINKL\*HLSHYTGLSKGIL\*TNSHTFLYPGWFCDSKM\*\*\*GV\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAIQWQSSRKGDND\*I\*KFHRQF\*NHNSTAKCFCTN\*LYKAL\*QYKEKYTYGTRESTLCNRRYNRRSKTSTL\*RYWLNMA\*DYKTNKQKIRRTI\*\*NNTV\*SILRRGPRNHNAHF\*LWRGIFLL\*YNTAV\*\*YLD\*REHY\*KWNYHTPMQNKTNYKQVAGSRKSNVCPSHQRRNQMHIKYYRTIINKRWGKSHQ\*\*RDIQTWRRKYEGQLXK\*II\*I\*SSTN\*AIRSSTHQGKEESGAKRKKSSGSNRSYVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSATAEQSAESY\*GAAAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHRCALE\*\*LE\*\*ISRCNLGKHDLDAVEQRN\*QLHTINILLT\*RLAKPTRKE\*TRLIGIR\*MGQSMELV\*HIKLAVVYKNIYNDSRRLGRYKNSFYCTFYSE\*S\*AGILTIVVSDPSPSAEGTRQARRNRRRRWRERQRQIRTI

>B.2007.JF320206.-

MEPVDPRLEPWNHPGSQPKTACTSCYCKKCCYHCQSCFVTKGLGISYGRKKRRQRRAAPTDNKTHQASLPKQ\*VVYVMQPLIIVAIVALVIVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALMEMGHNAPWDVNDL\*CRRSNVGHSLLWGTCMERSNHHSILCIRC\*SI\*\*RGT\*CLGHTCLCTHRPQPTRISIGKCNRRI\*HVEK\*HGRPDA\*GYNRVMGSKPKTMCRINPTLCYFKLR\*L\*WYC\*\*YHSECH\*K\*\*DKNGARRNTKLLFQHLHKHKR\*GAERTCTFL\*N\*YSTNR\*\*W\*\*\*\*L\*VIKL\*HLSH\*TGLSKSNL\*ANSHTLLCPSWFCDSTM\*G\*KVQWNRTM\*KCQHSTMYTWD\*ASSINSTAVKWQSSRRRDNN\*I\*ESHR\*C\*NHNSTSE\*ICRN\*LYKTQ\*QYKKKYTYRTRESILCNRRYNRRHKKSTL\*H\*WNKMEEHFKTDSYKIKRQIWEQNNNL\*AILRRGPRSCDAHF\*LWRRIFLL\*FIRTV\*\*YLDLE\*D\*RVYY\*RVNY\*WDNHTPM\*NKTNYKHVAESRKSNVCPSHPRTN\*MFIKYYGAAINKRWW\*R\*HHQ\*QRNLQTWRR\*YEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKTSSGTRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAKGY\*GATSSVATHSLGHQAAPGKSPCYREIPKGSTAPGDLGLLWKTHLHHFCTLE\*\*LE\*\*IFQ\*YLG\*HDLDGVGKRN\*QLHKNNIHPN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKMAMVYKNIHNDSRRLNRFKNSFCCTLSSKKS\*AGVLTIVISDPPPSPEGTRQARRNRRRRWRTRQRQIQSI

>B.2007.JF320207.-

MDPVDPSLEPWKHPGSKPKTECTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSETHQVPLPKQ\*VVHVMQSLYIVAIVALVVAAIIAIIVWTIVIIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEQLLMEMGHHAPGDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*STRNILEKCDRKF\*HVEK\*YGRTDAGGYN\*FMGSKPKAMCKINSTLCYFKLH\*C\*VEWYQCH\*\*YGK\*SKKLLFQYHQNHRK\*DAERICTFL\*T\*CNATR\*\*K\*YYKLYINKL\*HLSHYTGLSKGIL\*TNSHTFLYPGWFCDSKM\*\*\*GV\*WNRIM\*KCQHSTMYTWN\*ASSVNSTAIQWQSSRKGDND\*I\*KFHRQY\*NHNSTAKCFCTN\*LYKAL\*QYKEKYTYGTRESTLCNRRYNRRSKTSTL\*RYWLNMA\*DYKTNKQKXRRTI\*\*NNTV\*SILRRGPRNHNAHF\*LWRGIFLL\*YNTAV\*\*YLD\*REHY\*EWNYHTPMQNKTNYKQVAGSRKSNVCPSHQRRNQMHIKYYRTIINKRWGKSHQ\*\*RDIQTWRRKYEGQLEK\*II\*I\*SSTN\*AIRSSTHQGKEESGAKRKKSSGSNRSYVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSATAEQSAESY\*GAAAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHRCALE\*\*LE\*\*ISRCNLGKHDLDAVXQRN\*QLHTINILLT\*RLAKPTRKE\*TRLIGIR\*MGQSMELV\*HIKLAVVYKNIYNDSRRLGRYKNSFYCTFYSE\*S\*AGILTIVVSDPSPSAEGTRQARRNRRRRWRERQRQIRTI

>B.2006.JF320208.-

MEPIDPRLEPWNHPGSQPKTACTSCYCKRCCYHCQLCFIHKGLGISYGRKKRRQRRRPPPDNQTHQASLSKQ\*VVRVMQPLVILGIVALVVAAILAIVVWSIVFIEYRKILRQRKIDRLIARISERAEDSGNESEGDQEELSALVEMGHLAPWDIIDE\*CSGATVGHSVLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNNITKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPQAMCKINPTLCYFKLH\*T\*WY\*\*PD\*Y\*\*H\*\*YRGGRDEKLLFQYHHKRER\*NEKRICNIL\*P\*YSTNRGE\*\*Y\*L\*VSKL\*HLSPHTGLSKNNL\*ANSHTLLCPGWFCDSKM\*GQEVQWNRSM\*ECQHSTVYTWN\*TSSVNSTAVKWQSSRRRGSNQI\*KYH\*QY\*NHNSTAERSCKD\*LYKTQQQYKEKYTYSTRGSILCNWGYNRRYKTSTLQH\*\*SRLE\*HFKTDS\*KIKGKFQ\*NNSL\*YLLRRRPRTCNAQL\*LCRGIFLL\*YNKTV\*\*YLELE\*YNRGQ\*H\*R\*\*DYHTPM\*NKTNYKHVADSRKSNVCPSHQRTN\*MFIKHYRDTTDKGWW\*\*EQQLHPRDLQTWRRRYEGQLEK\*TI\*I\*SSTN\*TIRDSTHQGKEKSGAKRKKSSGTRSVVHWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGESPGCGKIPKGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*IF\*THLE\*HDLDAVGKRN\*\*LHRLNILLN\*TIANPARNE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIYNDSRRLGRFKNSFYCIFYSE\*S\*EGILTIIVSDPLPSPEGTRQARRNRRRRWRTRQRQIQSI

>B.2006.JF320209.-

MEPVDPKLEPWKHPGSQPRTPCTNCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRRSPESSQTHQDSLSKQ\*VVHVMNPLEILAIVALVVAAILAIVVWTIVAIEYKKILRQRKIDKLIDRIRERAEDSGNESEGDQEELSALVVEMGHDAPWDIDDL\*CCKRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRSQPTRNNNGKCDRKF\*HVEK\*HGRADA\*GCNQFMG\*KPKAMCKINPTLCCSKMF\*CEYY\*CEC\*\*YQ\*\*\*HEINGDRGNKKLLFQCHQ\*QKG\*DEERICIVL\*P\*CSTNRG\*\*Q\*\*QL\*VDKL\*YLSHYTGLSKGIL\*TNSHILLCPGWFCDYKV\*\*\*EVQWNRNMYKCQHSTMHTWN\*ASSVNSTAVKWQSSRRRGSN\*ICQFLGQC\*THNSTAE\*NCKHYLHKTQQQYKKKYTYRTRESLLCNRTNNRRYKTSTL\*PQ\*NRLE\*NFKKGSHEIKRTI\*\*\*DHSL\*SLLRRRPRNCNAQFYLRRGIFLL\*FNRTV\*\*YLEWYLA\*\*RVK\*YQYHTPM\*NKTNCKYVAGSRKSNVCSSQGRNNYMYIKYYRADINKRWWRKWGQ\*YRDLQTWGREYEGQLEK\*IV\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSNARSCAPWVLGSSRKHYGRSVSGADGTGQTIIVWYSATAEQSAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWETHLHHCCALE\*QLE\*QICGSYLG\*HDLDGVGQRN\*\*SHKFNIQLT\*KIANPTRNE\*ERIIGIG\*VGKFMELVRHIKLAVVYKNIHNDSRRLDRFKNSFCYIFYSE\*S\*AGIFTIIIPDPPPGPEGTRQARRNRRRRWRERQRQIRTI

>B.2007.JF320211.-

MEPVDPRLEPWNHPGSQPKTACTSCYCKKCCYHCQVCFVTKGLGISYGRKKRRQRRAAPTDNKIHQASLPKQ\*VVYVMQPLIIVAIVALVIVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALMGMGHNAPWDVNDL\*CRRSNVGHSLLWGTCMERSNHHSILCIRC\*SI\*\*RGT\*CLGHTCLCTHRPQPTRISIGKCNRRI\*HVEK\*HGRPDA\*GYNRVMGSKPKTMCRINPTLCYFKLR\*L\*WYC\*\*YHWEYH\*K\*\*DKNGARRNTKLLFQHLHKHKR\*GAERTCTFL\*N\*YSTNR\*\*W\*\*\*\*L\*VIKL\*HLSH\*TGLSKSNL\*ANSHTLLCPSWFCDSTM\*G\*KVQWNRTM\*KCQHSTMYTWD\*ASSINSTAVKWQSSRRRDNN\*I\*ESHK\*C\*NHNSTSE\*ICRN\*LYKTQ\*QYKKKYTYRTRESILCNRRYNRRHKKSTL\*H\*WNKMEEHFKTDSYKIKRQIWEQNNNL\*AILRRGPRSCDAHF\*LWRRIFLL\*FIRTV\*\*YLDLE\*D\*RVYY\*RVNY\*WDNHTPM\*NKTNYKHVAESRKSNVCPSHPRTN\*MFIKYYGAAINKRWW\*R\*HHQ\*QRNLQTWRR\*YEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKTSSGTRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAKGY\*GATSSVATHSLGHQAAPGKSPCYREIPKGSTAPGDLGLLWKTHLHHFCTLEY\*LE\*\*IFQ\*YLG\*HDLDGVGKRN\*QLHKNNIHPN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKMAMVYKNIHNDSRRLNRFKNSFCCTLSSKKS\*AGVLTIVISDPPPSPEGTRQARRNRRRRWRTRQRQIQSI

>B.2006.JF320212.-

MEPVDPKLEPWKHPGSQPRTPCTNCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRRSPESSQTHQDSLSKQ\*VVHVMNPLEILAIVALVIAAILAIVVWTIVAIEYKKILRQRKIDKLIDRIRERAEDSGNESEGDQEELSALVVEMGHDAPWDIDDL\*CCKRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRSQPTRNNNGKCDRKF\*HVEK\*HGRADA\*GCNQFMG\*KPKAMCKINPTLCCSKMF\*CEYY\*CEC\*\*YQ\*\*\*HEINGDRGNKKLLFQCHR\*QKG\*DEERICIVL\*P\*CSTNRG\*\*Q\*\*QL\*VDKL\*YLSHYTGLSKGIL\*TNSHILLCPGWFCDYKV\*\*\*EVQWNRNMYKCQHSTMHTWN\*ASSVNSTAVKWQSSRRRGSN\*ICQFLGQC\*THNSTAE\*NCKHYLHKTQQQYKKKYTYRTRESLLCNRTNNRRYKTSTL\*PQ\*NRLE\*NFKKGSHEIKRTI\*\*\*DHSL\*SLLRRRPRNCNAQFYLRRGIFLL\*FNRTV\*\*YLEWYLA\*\*RVK\*YQYHTPM\*NKTNCKYVAGSRKSNVCSSQGRNNYMYIKYYRADINKRWWRKWGQ\*YRDLQTWGREYEGQLEK\*IV\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSNARSCAPWVLGSSRKHYGRSVSGADGTGQTIIVWYSATAEQSAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWETHLHHCCALE\*QLE\*QICGSYLG\*HDLDGVGQRN\*\*SHKFNIQLT\*KIANPTRNE\*ERIIGIG\*VGKFMELVRHIKLAVVYKNIHNDSRRLDRFKNSFCYIFYSE\*S\*AGIFTIIIPDPPPGPEGTRQARRNRRRRWRERQRQIRTI

>B.2007.JF320213.-

MEPVDPNLEPWKHPGSQPRTACNNCYCKKCCWHCQVCFSTKGLGISYGRKKRRQRRRAPKDSQTHQAPISKQ\*VVHVMQSLVILAIVALVVAAILAIVVWTIVFLEYRKILRQRKIDRLIDRIAERAEDSGNESEGDHEELSALMEMGYNAPWNVDDM\*CCRPIVGHSLLWGTCVERNSHHSILCIRC\*SI\*PRGT\*CLGHTCLCTHRPQPTRNTIGKCDRRF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*\*VEK\*N\*WRNKKLLFQHHHTLKRQDAERRICTLL\*T\*CSTNR\*\*\*\*Y\*L\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLYPGWLCDSKV\*R\*EFQWNRNMSQCQHSTMYSWN\*ASSVNSTAVKWQSSRRRCSN\*ICQFLRQY\*NYNSTAIGICKNKLYKTQQ\*YKKKYAYRTRESILCNRRYNRRYKTSTL\*H\*\*NRLE\*HFK\*DKGKIKKPIWR\*KNSL\*YILRRGPRSCDAHF\*LWRRIFLL\*HNKTV\*\*\*WG\*\*Y\*\*\*SG\*K\*YYYPSMQDKTNYKHVAGSRKSNVCPSHPRTN\*LFIKYYRATLNKRWW\*\*Q\*H\*WN\*DLQTWRRRYERQLEK\*II\*VQSSKN\*TIRNSTHQGKEKSGTKRKKSSGNAGSCVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQYAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPSGSTAPRDLGLLWKTHLCHCCALEC\*LE\*QIPEPNLGEHDLDAVGKRN\*QLHRINIHLT\*KIAEPARKE\*TRIIGIG\*MGKPVELV\*HNTMAVVYKSIHNDNRRLNRFKNSLCCN\*YSK\*S\*AGVLTIIISDPPPNPEGTRQARRNRRRRWRQKQRHIRTI

>B.2006.JF320214.-

MEPVDPKLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTHQNSLSKQ\*VNTCNECFINSTNSGISSSSNNSNSCVDHSNYRI\*ENINTKKDRQVN\*\*NKRKSRRQWQ\*E\*RGSGRVVGDYGDGAPCSLGY\*\*SVMLQKTCGSQSIMGYLCGKKQIPLYFVHQMLKHMIQRYIMCGPHMPVCPQIPTHKKYYWKM\*QKTLTCGKITW\*NRCMRI\*SVYGIKA\*SHV\*N\*PHSVLL\*IALMLMLLVLMVRALLVARN\*GIALSMLPQTEEIR\*RQNMHFSIGLI\*YK\*IIVVVG\*\*VVTPQSLHKPVQRYPLSQSPYITVPRLALRF\*SVMIRNLRERDNVEMSAQYNVHMELGQ\*YQLNCC\*MAV\*QKKR\*\*LDPAISRTMLKP\*\*YI\*MNLYKLIVQDPTIIQEKV\*I\*DQGEHSMQQKP\*\*EI\*DKHIVTSVENHGKTL\*KG\*LKN\*EKNLRIKQ\*PSITPREET\*KL\*RIVLIVEENFFTVIQHHCLMGLGMGLGIIPGKGQMALSHSNVG\*NKL\*TCGRK\*EKQCMLLPEQE\*LIVYQILQG\*C\*\*EMVVRRTIVPRIVPRSSDLEEGI\*RTIGEVNYINIK\*\*KLNH\*E\*HPPRQGEEWCREKKEQ\*R\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPGNYCLV\*CNSRTIC\*ELLRRNSICCNSQSGASSSSRQESWLWRDT\*GINSS\*GFGVALENSSAPLLCLGIIVGVTKLWSKFGIT\*PGWNGIKRLTNTQE\*YTP\*LKTRKPNKKRMNKNY\*HWISGQVYGIGLT\*QTGCGI\*KHS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDIHHYHFRPTSSVRGDPTGPKE\*KKKVEKETEADPCA\*

>B.2006.JF320215.-

MEPIDPRLEPWKHPGSQPRTPCTSCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRRAPPGHQAHQASLSEQ\*VVNVMQPLVIVAIAALVVTGIIAIVVWSIVIIEYRKILRQRRIDRLLARISERAEDSGNDSDGDQEELSALVETGHDAPWDVNDL\*CYRAIVGHSILWGTCMERSNYHFILCIRC\*SI\*DRNA\*CLGHTCLCTHRPQPTRNKIGECNRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCHFKLQGSQWY\*DQ\*\*\*C\*\*Q\*HRGRNENRDKKLHFQCHWRHKR\*GTESLCIV\*FT\*YSTNRWK\*\*\*L\*DNKL\*HLHHYTGLSKSNL\*ANSHTLLCPGWFCDSTM\*\*\*KVQWNRTM\*KCQHSTMYTWN\*ASSVNSITVKWQFSRRRGDN\*ISEYLRQY\*NHNSTAE\*IYSN\*LYKTQQ\*YKKKYKYRTRESILCNRRYNRRYTPSTL\*H\*\*NKME\*YFRTDS\*EIKGKFWE\*NNSL\*YFLRRRSRNCNAQL\*LCRRIFLL\*YNTTV\*\*YLEYYYRVKCYYRVKWH\*YK\*HNHAPM\*NKANYKHVAGSRKSNVCSSHQRTN\*MFIKHYRATINKGWW\*\*PQQEPRDL\*TWRRRYEGQLEK\*TI\*I\*SSKN\*TIRSSTYHGKEKSGAERKESSGTRSSVPWVPGSSRKHYGRSVNNADGTGQTIIIWYSATAEQFAEGY\*GATAYVATHSLGHQAAPSKSPGCGKLPKGPTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*TSERDLG\*HDLDGVGKRN\*QLHKHNIHLNWRSAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKVAVVYKNIYNNSRRLDGVKNSFYCTFYSE\*S\*AGILTIVVSDPLPSPTGTRQARRNRRRRWRARQRQIQSI

>B.2007.JF320216.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCWHCQVCFLKKGLGISYGRKKRRQRRRAPQDSEDHQDSLPKQ\*VINVMQPLVIAAIVALVVVAIIAIVVWTIVIIEYRKILVQRKIDQLIDRIRERAEDSGNESEGDQEELSALLEMGHLVPGDVDDL\*C\*RKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGYTCLCTHRPQPTRNSIGKCDRRV\*HVEK\*YGGTDA\*GYNQFMGSKPKAMCKINPTLCHFKLH\*C\*A\*YH\*C\*E\*\*WY\*YYH\*\*FNRHRRDEELLFQYHLKHKRQDEEGKCTVLQT\*CSTNRK\*YF\*L\*VDKL\*HLSHYTGLSKDIL\*ANSHTLLYPGWFCDLKVQ\*\*EVQWNRNMYKGQHSTMHTWN\*ASSVHSTAVKWQSSKRRGSNQICQFHRQC\*NHNSAVKPLCTNRL\*KTQQ\*YKKRYTYRARENILCNRRYNRRHKTSTL\*C\*\*SRLELHFTTHR\*KISRPI\*\*NNSL\*PLLRRRP\*SCDAHF\*LWRRIFLL\*YHTTV\*\*YLECHTTG\*YYWEYHRA\*\*\*N\*KYYTPM\*NKTNYKHVAGSRKSNVCSSHRRTN\*MFIKYYRFTISKRWWQ\*Q\*HGDLQTSRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGHQATPGKSPGCRKIPTGSTAPRNLGLLWKTHLHHCCALEC\*LE\*\*ISGPNLA\*HDLDGVGKGN\*QLHRVNIHLT\*NIAEPARKE\*TRIIGIG\*VGKSVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFCSK\*S\*EGILTIVIPDPPPKPEGTRQARRNRRRRWRQRQRDIKKI

>B.2007.JF320217.-

MEPVDPRLEPWNHPGSQPRTACTSCYCKKCCYHCQVCFVTKGLGISYGRKKRRQRRAAPTDNKTHQASLPKQ\*VVYVMQPLIIVAIVALVIVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALMEMGHNAPWDVNDL\*CRRSNVGHSLLWGTCMERSNHHSILCIRC\*SI\*\*RGT\*CLGHTCLCTHRPQPTRISIGKCNRRI\*HVEK\*HGRPDA\*GYNRVMGSKPKTMCRINPTLCYFKLR\*L\*WYC\*\*YHWEYH\*K\*\*DKNGARRNTKLLFQHLHKHKR\*GAERTCTFL\*N\*YSTNR\*\*W\*\*\*\*L\*VIKL\*HLSH\*TGLSKSNL\*ANSHTLLCPSWFCDSTM\*G\*KVQWNRTM\*KCQHSTMYTWD\*ASSINSTAVKWQSSRRRDNN\*I\*ESHK\*C\*NHNSTSE\*ICRN\*LYKTQ\*QYKKKYTYRTRESILCNRRYNRRHKKSTL\*H\*WNKMEEHFKTDSYKIKRQIWEQNNNL\*AILRRGPRSCDAHF\*LWRRIFLL\*FIRTV\*\*YLDLE\*D\*RVYY\*RVNY\*WDNHTPM\*NKTNYKHVAEGRKSNVCPSHPRTN\*MFIKYYGAAINKRWW\*R\*HHQ\*QRNLQTWRR\*YEGQLEK\*IT\*I\*SSTN\*TIRNSTHQGKEKSGAERKTSSGTRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAKGY\*GATSSVATHSLGHQAAPGKSPCYREIPKGSTAPGDLGLLWKTHLHHFCTLEY\*LE\*\*IFQ\*YLG\*HDLDGVGKRN\*QLHKNNIHPN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKMAMVYKNIHNDSRRLNRFKNSFCCTLSSKKS\*AGVLTIVISDPPPSPEGTRQARRNRRRRWRTRQRQIQSI

>B.2006.JF320218.-

MEPIDPRLEPWNHPGSQPKTACTSCYCKRCCYHCQLCFIHKGLGISYGRKKRRQRRRPPPDNQTHQASLSKQ\*VVRVMQPLVILGIVALVVAAILAIVVWSIVFIEYRKILRQRKIDRLIARISERAEDSGNESEGDQEELSALVEMGHLAPWDIIDE\*CSGATVGHSVLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNNITKCNRRF\*HVEK\*HGRTDA\*GYNQFMGSKPQAMCKINPTLCYFKLH\*T\*WY\*\*PN\*Y\*\*H\*\*YRGGRDEKLLFQYHHKRER\*NEKRICNIL\*P\*YSTNRGE\*\*Y\*L\*VSKL\*HLSPHTGLSKNNL\*ANSHTLLCPGWFCDSKM\*GQEVQWNRSM\*ECQHSTVYTWN\*TSSVNSTAVKWQSSRRRGSNQI\*KYH\*QY\*NHNSTAERSCKD\*LYKTQQQYKEKYTYSTRGSILCNWGYNRRYKTSTLQH\*\*SRLE\*HFKTDS\*KIKEKFQ\*NNSL\*YLLRRRPRNCNAQL\*LCRGIFLL\*YNKTV\*\*YLELE\*YNRGQ\*H\*R\*\*DYHTPM\*NKTNYKHVADSRKSNVCPSHQRTN\*MFIKHYRDNTDKGWW\*\*EQQLHPRDLQTWRRRYEGQLEK\*TI\*I\*SSTN\*TIRNSTHQGKEKSGAKRKKSSGTRSVVHWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGESPGCGKIPKGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*IF\*THLE\*HDLDAVGKRN\*\*LHRLNILLN\*TIANPARNE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIYNDSRRLGRFKNSFYCIFYSE\*S\*EGILTIIVSDPLPSPEGTRQARRNRRRRWRTRQRQIQSI

>B.2006.JF320219.-

MEPVDPKLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTHQNSLSKQ\*VNTCNECFINSINSGISSSSNNSNSCVDHSNYRI\*ENINTKKDRQVN\*\*NKRKSRRQWQ\*E\*RGSGRIVGDYGDGAPCSLGY\*\*SVMLQKTCGSQSIMGYLCGKKQIPLYFVHQMLKHMIQRYIMCGPHMPVCPQIPTHKKYYWKM\*QKTLTCGKITW\*NRCMRI\*SVYGIKA\*SHV\*N\*PHSVLL\*IALMLMLLVLMVRALLVARN\*GIALSMLPQTEEIR\*RQNMHFSIGLI\*YK\*IIVVVG\*\*VVTPQSLHKPVQRYPLSQSPYITVPRLALRF\*SVMIRNLRERDNVEMSAQYNVHMELGQ\*YQLNCC\*MAV\*QKKR\*\*LDPAISRTMLKP\*\*YI\*MNLYKLIVQDPTIIQEKV\*I\*DQGEHSMQQKP\*\*EI\*DKHIVTSVENHGKTL\*KG\*LKN\*EKNLRIKQ\*PSITPREET\*KL\*RIVLIVEENFFTVIQHHCLMGLGMGLGIIPGKGQMALSHSNVG\*NKL\*TCGRK\*EKQCMLLPEQE\*LIVYQILQG\*C\*\*EMVVRRTIVPRIVPRSSDLEEGI\*RTIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*R\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPGNYCLV\*CNSRTIC\*ELLRRNSICCNSQSGASSSSRQESWLWRDT\*GINSS\*GFGVALENSSAPLLCLGIIVGVTKLWSKFGIT\*PGWNGIKRLTNTQE\*YTP\*LKTRKPNKKRMNKNY\*HWISGQVYGIGLT\*QTGCGI\*KHS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDIHHYHFRPTSSVRGDPTGPKE\*KKKVEKETEADPCA\*

>B.2007.JF320220.-

MEPVDPRLEPWNHPGSQPKTACTSCYCKKCCYHCQSCFVTKGLGISYGRKKRRQRRAAPTDNKIHQASLPKQ\*VVYVMQPLIIVAIVALVIVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALMEMGHNAPWDVNDL\*CRRSNVGHSLLWGTCMERSNHHSILCIRC\*SI\*\*RGT\*CLGHTCLCTHRPQPTRISIGKCNRRI\*HVEK\*HGRPDA\*GYNRVMGSKPKTMCRINPTLCYFKLR\*L\*WYC\*\*YHSECH\*K\*QDKNGARRNTKLLFQHLHKHKR\*GAERTCTFL\*N\*YSTNR\*\*W\*\*\*\*L\*VIKL\*HLSH\*TGLSKSNL\*ANSHTLLCPSWFCDSTM\*G\*KVQWNRTM\*KCQHSTMYTWD\*ASSINSTAVKWQSSRRRDNN\*I\*ESHK\*C\*NHNSTSE\*ICRN\*LYKTQ\*QYKKKYTYRTRESILCNRRYNRRHKKSTL\*H\*WNKMEEHFKTDSYKIKRQIWEQNNNL\*AILRRGPRSYDAHF\*LWRRIFLL\*FIRTV\*\*YLDLE\*D\*RVYY\*RVNY\*WDNHTPM\*NKTNYKHVAESRKSNVCPSHPRTN\*MFIKYYGAAINKRWW\*R\*HHQ\*QRNLQTWRR\*YEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKTSSGTRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAKGY\*GATSSVATHSLGHQAAPGKSPCYREIPKGSTAPGDLGLLWKTHLHHFCTLE\*\*LE\*\*IFQ\*YLG\*HDLDGVGKRN\*QLHKNNIHPN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKMAMVYKNIHNDSRRLNRFKNSFCCTLSSKKS\*AGVLTIVISDPPPSPEGTRQARRNRRRRWRTRQRQIQSI

>B.2006.JF320221.-

MEPVDPKLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTHQNSLSKQ\*VNTCNECFINSINSGISNSSNNSNSCVDHSNYRI\*ENINTKKDRQVN\*\*NKRKSRRQWQ\*E\*RGSGRIVGDYGDGAPCSLGY\*\*SVMLQKTCGSQSIMGYLCGKKQIPLYFVHQMLKHMIQRYIMCGPHMPVCPQIPTHKKYYWKM\*QKTLTCGKITW\*NRCMRI\*SVYGIKA\*SHV\*N\*PHSVLL\*IALMLMLLVLMVRALLVARN\*GIALSMLPQTEEIR\*RQNMHFSIGLI\*YK\*IIVVVG\*\*VVTPQSLHKPVQRYPLSQSPYITVPRLALRF\*SVMIRNLRERDNVEMSAQYNVHMELGQ\*YQLNCC\*MAV\*QKKR\*\*LDPAISRTMLKP\*\*YI\*MNLYKLIVQDPTIIQEKV\*I\*DQGEHSMQQKP\*\*EI\*DKHIVTSVENHGKTL\*KG\*LKN\*EKNLRIKQ\*PSITPREET\*KL\*RIVLIVEENFFTVIQHHCLMGLGMGLGIIPGKGQMALSHSNVG\*NKL\*TCGRK\*EKQCMLLPEQE\*LIVYQILQG\*C\*\*EMVVRRTIVPRIVPRSSDLEEGI\*RTIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*R\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPGNYCLV\*CNSRTIC\*ELLRRNSICCNSQSGASSSSRQESWLWRDT\*GINSS\*GFGVALENSSAPLLCLGIIVGVTKLWSKFGIT\*PGWNGIKRLTNTQE\*YTP\*LKTRKPNKKRMNKNY\*HWISGQVYGIGLT\*QTGCGI\*KHS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDIHHYHFRPTSSVRGDPTGPKE\*KKKVEKETEADPCA\*

>B.2006.JF320222.-

MEPVDPKLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTHQNSLSKQ\*VNTCNECFINSINSGISRSSNNSNSCVDHSNYRI\*ENINTKKDRQVN\*\*NKRKSRRQWQ\*E\*RGSGRIVGDYGDGAPCSLGY\*\*SVMLQKTCGSQSIMGYLCGKKQIPLYFVHQMLKHMIQRYIMCGPHMPVCPQIPTHKKYYWKM\*QKTLTCGKITW\*NRCMRI\*SVYGIKA\*SHV\*N\*PHSVLL\*IALMLMLLVLMVRALLVARN\*GIALSMLPQTEEIR\*RQNMHFSIGLI\*YK\*IIVVVG\*\*VVTPQSLHKPVQRYPLSQSPYITVPRLALRF\*SVMIRNLRERDNVEMSAQYNVHMELGQ\*YQLNCC\*MAV\*QKKR\*\*LDPAISRTMLKP\*\*YI\*MNLYKLIVQDPTIIQEKV\*I\*DQGEHSMQQKP\*\*EI\*DKHIVTSVENHGKTL\*KG\*LKN\*EKNLRIKQ\*PSITPREET\*KL\*RIVLIVEENFFTVIQHHCLMGLGMGLGIIPGKGQMALSHSNVG\*NKL\*TCGRK\*EKQCMLLPEQE\*LIVYQILQG\*C\*\*EMVVRRTIVPRIVPRSSDLEEGI\*RTIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*R\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPGNYCLV\*CNSRTIC\*ELLRRNSICCNSQSGASSSSRQESWLWRDT\*GINSS\*GFGVALENSSAPLLCLGIIVGVTKLWSKFGIT\*PGWNGIKRLTNTQE\*YTP\*LKTRKPNKKRMNKNY\*HWISGQVYGIGLT\*QTGCGI\*KHS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDIHHYHFRPTSSVRGDPTGPKE\*KKKVEKETEADPCA\*

>B.2006.JF320223.-

MEPIDPRLEPWNHPGSQPKTACTSCYCKRCCYHCQLCFIHKGLGISYGRKKRRQRRRPPPDNQTHQASLSKQ\*VVRVMQPLVIVGIVALVVAAILAIVVWSIVFIEYRKILRQRKIDRLIARISERAEDSGNESEGDQEELSALVEMGHLAPWDIIDE\*CSGATVGHSVLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNNITKCNRRF\*HVEK\*HGRTDA\*GYNQFMGSKPQAMCKINPTLCYFKLH\*T\*WY\*\*PD\*Y\*\*H\*\*YRGGRDEKLLFQYHHKRER\*NKKRICNIL\*P\*YSTNRGE\*\*Y\*L\*VSKL\*HLSPHTGLSKNNL\*ANSHTLLCPGWFCDSKM\*GQEVQWNRSM\*ECQHSTVYTWN\*TSSVNSTAVKWQSSRRRGSNQI\*KYH\*QY\*NHNSTAERSCKD\*LYKTQQQYKEKYTYSTRGSILCNWGYNRRYKTSTLQH\*\*SRLE\*HFKTDS\*KIKGKFQ\*NNSL\*HLLRRRPRNCNAQL\*LCRGIFLL\*YNKTV\*\*YLELE\*YNRGQ\*H\*R\*\*DYHTPM\*NKTNYKHVADSRKSNVCPSHQRTN\*MFIKHYRDTTDKGW\*\*\*EQQLHPRDLQTWRRRYEGQLEK\*TI\*I\*SSTN\*TIRNSTHQGKEKSGAKRKKSSGTRSVVHWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGESPGCGKIPKGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*IF\*THLE\*HDLDAVGKRN\*\*LHRLNILLN\*TIANPARNE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIYNDSRRLGRFKNSFYCIFYSE\*S\*EGILTIIVSDPLPSPEGTRQARRNRRRRWRTRQRQIQSI

>B.2006.JF320224.-

MEPVDPKLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTHQNSLSKQ\*VNTCNECFINSINSGISSSSNNSNSCVDHSNYRI\*ENINTKKDRQVN\*\*NKRKSRRQWQ\*E\*RGSGRIVGDYGDGAPCSLGY\*\*SVMLQKTCGSQSIMGYLCGKKQIPLYFVHQMLKHMIQRYIMCGPHMPVCPQIPTHKKYYWKM\*QKTLTCGKITW\*NRCMRI\*SVYGIKA\*SHV\*N\*PHSVLL\*IALMLMLLVLMVRALLVARN\*GIALSMLPQTEEIR\*RQNMHFSIGLI\*YK\*IIVVVG\*\*VVTPQSLHKPVQRYPLSQSPYITVPRLALRF\*SVMIRNLRERDNVEMSAQYNVHMELGQ\*YQLNCC\*MAV\*QKKR\*\*LDPAISRTMLKP\*\*YI\*MNLYKLIVQDPTIIQEKV\*I\*DQGEHSMQQKP\*\*EI\*DKHIVTSVENHGKTL\*KG\*LKN\*EKNLRIKQ\*PSITPREET\*KL\*RIVLIAEENFFTVIQHHCLMGLGMGLGIIPGKGQMALSHSNVG\*NKL\*TCGRK\*EKQCMLLPEQE\*LIVYQILQG\*C\*\*EMVVRRTIVPRIVPRSSDLEEGI\*RTIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*R\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPGNYCLV\*CNSRTIC\*ELLRRNSICCNSQSGASSSSRQESWLWRDT\*GINSS\*GFGVALENSSAPLLCLGIIVGVTKLWSKFGIT\*PGWNGIKRLTNTQE\*YTP\*LKTRKPNKKRMNKNY\*HWISGQVYGIGLT\*QTGCGI\*KHS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDIHHYHFRPTSSVRGDPTGPKE\*KKKVEKETEADPCA\*

>B.2007.JF320225.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCWHCQVCFLKKGLGISYGRKKRRQRRRAPQDSEDHQDSLPKQ\*VINVMQPLVIAAIVALVVVAIIAIVVWTIVIIEYRKILVQRKIDQLIDRIRERAEDSGNESEGDQEELSALLEMGHLAPGDVDDL\*C\*RKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGYTCLCTHRPQPTRNSIGKCDRRV\*HVEK\*YGGTDA\*GYNQFMGSKPKAMCKINPTLCHFKLH\*C\*A\*YH\*C\*E\*\*WY\*YYH\*\*FNRHRRDEELFFQYHLKHKRQDEEGKCTVLQT\*CSTNRK\*YF\*L\*VDKL\*HLSHYTGLSKDIL\*ANSHTLLYPGWFCDLKVQ\*\*EVQWNRNMYKGQHSTMHTWN\*ASSVHSTAVKWQSSKRRGSNQICQFHRQC\*NHNSAVKPLCTNRL\*KTQQ\*YKKRYTYRARENILCNRRYNRRHKTSTL\*C\*\*SRLELHFTTHR\*KISRPI\*\*NNSL\*PLLRRRP\*SCDAHF\*LWRRIFLL\*YHTTV\*\*YLECHTTG\*YYWEYHRA\*\*\*N\*KYYTPM\*NKTNYKHVAGSRKSNVCSSHRRTN\*MFIKYYRFTISKRWWQ\*Q\*HGDLQTSRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGHQATPGKSPGCRKIPTGSTAPRNLGLLWKTHLHHCCALEC\*LE\*\*ISGPNLA\*HDLDGVGKRN\*QLHRVNIHLT\*NIAEPARKE\*TRIIGIG\*VGKSVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFCNK\*S\*EGILTIVIPDPPPKPEGTRQARRNRRRRWRQRQRDIKKI

>B.2007.JF320226.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCWHCQVCFLKKGLGISYGRKKRRQRRRAPQDSEDHQDSLPKQ\*VINVMQPLVIAAIVALVVVAIIAIVVWTIVIIEYRKIVVQRKIDQLIDRIRERAEDSGNESEGDQEELSALLEMGHLAPGDVDDL\*C\*RKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGYTCLCTHRPQPTRNSIGKCDRRV\*HVEK\*YGGTDA\*GYNQFMGSKPKAMCKINPTLCHFKLH\*C\*A\*YH\*C\*E\*\*WY\*YYH\*\*FNRHRRDEELLFQYHLKHKRQDEEGKCTVLQT\*CSTNRK\*YF\*L\*VDKL\*HLSHYTGLSKDIL\*ANSHTLLYPGWFCDLKVQ\*\*EVQWNRNMYKGQHSTMHTWN\*ASSVHSTAVKWQSSKRRGSNQICQFHRQC\*NHNSAVKPLCTNRL\*KTQQ\*YKKRYTYRARENILCNRRYNRRHKTSTL\*C\*\*SRLELHFTTHR\*KISRPI\*\*NNSL\*PLLRRRP\*SCDAHF\*LWRRIFLL\*YHTTV\*\*YLECHTTG\*YYWEYHRA\*\*\*N\*KYYTPM\*NKTNYKHVAGSRKSNVCSSHRRTN\*MFIKYYRFTISKRWWQ\*Q\*HGDLQTSRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGHQATPGKSPGCRKIPTGSTAPRNLGLLWKTHLHHCCALEC\*LE\*\*ISGPNLA\*HDLDGVGKRN\*QLHRVNIHLT\*NIAEPARKE\*TRIIGIG\*VGKSVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFCSK\*S\*EGILTIVIPDPPPKPEGTRQARKNRRRRWRQRQRDIKKI

>B.2007.JF320227.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCWHCQVCFLKKGLGISYGRKKRRQRRRAPQDSEDHQDSLPKQ\*VINVMQPLVIAAIVALVVVAIIAIVVWTIVIIEYRKILVQRKIDQLIDRIRERAEDSGNESEGDQEELSALLEMGHLAPGDVDDL\*C\*RKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGYTCLCTHRPQPTRNSIGKCDRRV\*HVEK\*YGGTDA\*GYNQFMGSKPKAMCKINPTLCHFKLH\*C\*A\*YH\*C\*E\*\*WY\*YYH\*\*FNRHRRDEELLFQYHLKHKRQDEEGKCTVLQT\*CSTNRK\*YF\*L\*VDKL\*HLSHYTGLSKDIL\*ANSHTLLYPGWFCDLKVQ\*\*EVQWNRNMYKGQHSTMHTWN\*ASSVHSTAVKWQSSKRRGSNQICQFHRQC\*NHNSAVKPLCTNRL\*KTQQ\*YKKRYTYRARENILCNRRYNRRHKTSTL\*C\*\*SRLELHFTTHR\*KISRPI\*\*NNSL\*PLLRRRP\*SCDAHF\*LWRRIFLL\*YHTTV\*\*YLECHTTG\*YYWEYHRA\*\*\*N\*KYYTPM\*NKTNYKHVAGSRKSNVCSSHRRTN\*MFIKYYRFTISKRWWQ\*Q\*HGDLQTSRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGHQATPGKSPGCRKIPTGSTAPRNLGLLWKTHLHHCCALEC\*LE\*\*ISGPNLA\*HDLDGVGKRN\*QLHRVNIHLT\*NIAEPARKE\*TRIIGIG\*VGKSVELV\*HNTMAVVYKNIYNDSRRLDRFKNSFCCTFCSK\*S\*EGILTIVIPDPPPKPEGTRQARRNRRRRWRQRQRDIKKI

>B.2006.JF320230.-

MEPVDPRLEPWNHPGSQPRTSCNKCYCKKCCWHCQVCFVTKGLGISYGRKKRRQRRRAHQDSETHQASISKQ\*VVHVMTPLEIVTIVALVVAVILAIVVWTIVFIEYRKILRQRKIDRLLDRISERAEDSGNESEGDQEELSALMEMGHHAPWVIDDL\*CCRKLVGHSILWGTCVERSNHHSLLCIKC\*SI\*YRET\*CLGHTCLCTHRPQPTRNSIGKCDRRI\*HVEK\*HGRTDA\*GCNQFMGSKP\*TMCKVNPTLCYFKLH\*CCYCEYD\*\*D\*GRNKKLLFQCHLGPRRQATERICTVL\*S\*CSTNR\*\*\*\*\*Y\*L\*E\*LY\*L\*VNKL\*HLSHYTGLSKGIL\*ANSNTLLYPGWFCDSKV\*\*\*GVQWNRKM\*QHQHSTMHTWN\*ASSVNSTAVKWQSGRRRSGN\*ICQLHRQ\*\*NHNSTAK\*VCRNKLYKTQQ\*YKKKYPYRARESILYNRRDNRKHKTSTL\*H\*\*SKME\*NFRTASYKIRTPI\*E\*NNNKI\*SILRRGPRNWDAQFYLWRRIFLL\*CITTV\*\*YLECFCK\*WYLDCN\*WH\*RK\*YYHSPM\*NKTICKHVAGSRKSNVCPSYQRTN\*MFIKYYRAAINKRWW\*G\*\*QQ\*HGGLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSTGSYVPWVLGNSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPCYRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ICRPHLAKHDLDAVGKRN\*QLHTNNLQFT\*RIADPARKE\*KRIIGIG\*VGKSVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*AGILTFIISDPPPNPEGTRQARRNRRRRWRARQRQLNKI

>B.2006.JF320231.-

MEPVDPRLEPWNHPGSQPRTSCNKCYCKKCCWHCQVCFVTKGLGISYGRKKRRQRRRAHQDSETHQASISKQ\*VVHVMTPLEIVTIVALVVAVILAIVVWTIVFIEYRKILRQRKIDRLLDRISERAEDSGNESEGDQEELSALMEMGHHAPWVIDDL\*CCRKLVGHSILWGTCVERSNHHSLLCIKC\*SI\*YRET\*CLGHTCLCTHRPQPTRNSIGKCDRRI\*HVEK\*HGRTDA\*GCNQFMGSKPKTMCKVNPTLCYFKLH\*CCYCEYD\*\*D\*GRNKKLLFQCHLGPRRQATERICTVL\*S\*CSTNR\*\*\*\*\*Y\*L\*E\*LY\*L\*VNKL\*HLSHYTGLSKGIL\*ANSNTLLYPGWFCDSKV\*\*\*GVQWNRKM\*QHQHSTMHTWN\*ASSVNSTAVKWQSGRRRSGN\*ICQLHRQ\*\*NHNSTAK\*VCRNKLYKTQQ\*YKKKYPYRARESILYNRRDNRKHKTSTL\*H\*\*SKME\*NFRTASYKIRTPI\*E\*NNNKI\*SILRRGPRNCDAQFYLWRRIFLL\*CITTV\*\*YLECFCK\*WYLDCN\*WH\*RK\*YYHSPM\*NKTICKHVAGSRKSNVCPSYQRTN\*MFIKYYRAAINKRWW\*G\*\*QQ\*HGGLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSTGSYVPWVLGNSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPCYRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ICRPHLAKHDLDAVGKRN\*QLHTNNLQFT\*RIADPARKE\*KRIIGIG\*VGKSVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*AGILTFIISDPPPNPEGTRQARRNRRRRWRARQRQLNKI

>B.2006.JF320232.-

MEPVDPRLEPWNHPGSQPRTSCNKCYCKKCCWHCQVCFVTKGLGISYGRKKRRQRRRAHQDSETHQASISKQ\*VVHVMTPLEIVTIVALVVAVILAIVVWTIVFIEYRKILRQRKIDRLLDRISERAEDSGNESEGDQEELSALMEMGHHAPWIIDDL\*CCRKLVGHSILWGTCVERSNHHSLLCIKC\*SI\*YRET\*CLGHTCLCTHRPQPTRNSIGKCDRRI\*HVEK\*HGRTDA\*GCNQFMGSKPKTMCKVNPTLCYFKLH\*CCYCEYD\*\*D\*GRNKKLLFQCHLGPRRQATERICTVL\*S\*CSTNR\*\*\*\*\*Y\*L\*E\*LY\*L\*VNKL\*HLSHYTGLSKGIL\*ANSNTLLYPGWFCDSKV\*\*\*GVQWNRKM\*QHQHSTMHTWN\*ASSVNSTAVKWQSGRRRSGN\*ICQLHRQ\*\*NHNSTAK\*VCRNKLYKTQQ\*YKKKYPYRARESILYNRRDNRKHKTSTL\*H\*\*SKME\*NFRTASYKIRTPI\*E\*NNNKI\*SILRRGPRNCDAQFYLWRRIFLL\*CITTV\*\*YLECFCK\*WYLDCN\*WH\*RK\*YYHSPM\*NKTICKHVAGSRKSNVCPSYQRTN\*MFIKYYRAAINKRWW\*G\*\*QQ\*HGGLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSTGSYVPWVLGNSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPCYRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ICRPHLAKHDLDAVGKRN\*QLHTNNLQFT\*RIADPARKE\*KRIIGIG\*VGKSVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*AGILTFIISDPPPNPEGTRQARRNRRRRWRARQRQLNKI

>B.2006.JF320233.-

MEPVDPRLEPWNHPGSQPRTSCNKCYCKKCCWHCQVCFVTKGLGISYGRKKRRQRRRAHQDSETHQASISKQ\*VVHVMTPLEIVTIVALVVAVILAIVVWTIVFIEYRKILRQRKIDRLLDRISERAEDSGNESEGDQEELSALMEMGHHAPWIIDDL\*CCRKLVGHSILWGTCVERSNHHSLLCIKC\*SI\*YRET\*CLGHTCLCTHRPQPTRNSIGKCDRRI\*HVEK\*HGRTDA\*GCNQFMGSKPKTMCKVNPTLCYFKLH\*CCYCEYD\*\*D\*GRNKKLLFQCHLGPRRQATERICTVL\*S\*CSTNR\*\*\*\*\*Y\*L\*E\*LY\*L\*VNKL\*HLSHYTGLSKGIL\*ANSNTLLYPGWFCDSKV\*\*\*GVQWNRKM\*QHQHSTMHTWN\*ASSVNSTAVKWQSGRRRSGN\*ICQLHRQ\*\*NHNSTAK\*VCRNKLYKTQQ\*YKKKYPYRARESILYNRRDNRKHKTSTL\*H\*YSYKIRTPI\*E\*NNNKI\*SILRRGPRNCDAQFYLWRRIFLL\*CITTV\*\*YLECFCK\*WYLDCN\*WH\*RK\*YYHSPM\*NKTICKHVAGSRKSNVCPSYQRTN\*MFIKYYRAAINKRWW\*G\*\*QQ\*HGGLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSTGSYVPWVLGNSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPCYRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ICRPHLAKHDLDAVGKRN\*QLHTNNLQFT\*RIADPARKE\*KRIIGIG\*VGKSVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*AGILTFIISDPPPNPEGTRQARRNRRRRWRARQRQLNKI

>B.2006.JF320235.-

MEPVDPRLEPWNHPGSQPRTSCNKCYCKKCCWHCQVCFVTKGLGISYGRKKRRQRRRAHQDSETHQASISKQ\*VVHVMTPLEIVTIVALVVAVILAIVVWTIVFIEYRKILRQRKIDRLLDRISERAEDSGNESEGDQEELSALMEMGHHAPWVIDDL\*CCRKLVGHSILWGTCVERSNHHSLLCIKC\*SI\*YRET\*CLGHTCLCTHRPQPTRNSIGKCDRRI\*HVEK\*HGRTDA\*GCNQFMGSKPKTMCKVNPTLCYFKLH\*CCYCEYD\*\*D\*GRNKKLLFQCHLGPRRQATERICTVL\*S\*CSTNR\*\*\*\*\*Y\*L\*E\*LY\*L\*VNKL\*HLSHYTGLSKGIL\*ANSNTLLYPGWFCDSKV\*\*\*GVQWNRKM\*QHQHSTMHTWN\*ASSVNSTAVKWQSGRRRSGN\*ICQLHRQ\*\*NHNSTAK\*VCRNKLYKTQQ\*YKKKYPYRARESILYNRRDNRKHKTSTL\*H\*\*SKME\*NFRTASYKIRTPI\*E\*NNNKI\*SILRREPRNCDAQFYLWRRIFLL\*CITTV\*\*YLECLCK\*WYLDCN\*WH\*RK\*YYHSPM\*NKTICKHVAGSRKSNVCPSYQRTN\*MFIKYYRAAINKRWW\*G\*\*QQ\*HGGLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKKKSGAERKKSSGSTGSYVPWVLGNSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPCYKKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ICRPHLAKHDLDAVGKRN\*QLHTNNLQFT\*RIADPARKE\*KRIIEIG\*VGKSVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*TGILTFIISDPPPNPEGTRQARRNRKRRWRARQRQLNKI

>B.2006.JF320237.-

MEPVDPRLEPWNHPGSQPRTSCNKCYCKKCCWHCQVCFVTKGLGISYGRKKRRQRRRAHQDSETHQASISKQ\*VVHVMTPLEIVTIVALVVAVILAIVVWTIVFIEYRKILRQRKIDRLLDRISERAEDSGNESEGDQEELSALMEMGHHAPWVIDDL\*CCRKLVGHSILWGTCVERSNHHSLLCIKC\*SI\*YRET\*CLGHTCLCTHRPQPTRNSIGKCDRRI\*HVEK\*HGRTDA\*GCNQFMGSKPKTMCKVNPTLCYFKLH\*CCYCEYD\*\*D\*GRNKKLLFQCHLGPRRQATERICTVL\*S\*CSTNR\*\*\*\*\*Y\*L\*E\*LY\*L\*VNKL\*HLSHYTGLSKGIL\*ANSNTLLYPGWFCDSKV\*\*\*GVQWNRKM\*QHQHSTMHTWN\*ASSVNSTAVKWQSGRRRSGN\*ICQLHRQ\*\*NHNSTAK\*VCRNKLYKTQQ\*YKKKYPYRARESILYNRRDNRKHKTSTL\*H\*\*SKME\*NFRTASYKIRTPI\*E\*NNNKI\*SILRRGPRNCDAQFYLWRRIFLL\*CITTV\*\*YLECFCK\*WYLDCN\*WH\*RK\*YYHSPM\*NKTICKHVAGSRKSNVCPSYQRTN\*MFIKYYRAAINKRWW\*G\*\*QQ\*HGGLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSTGSYVPWVLGNSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPCYRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ICRPHLAKHDLDAVGKRN\*QLHTNNLQFT\*RIADPARKE\*KRIIGIG\*VGKSVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*AGILTFIISDPPPNPEGTRQARRNRRRRWRARQRQLNKI

>B.2006.JF320238.-

MEPVDPRLEPWNHPGSQPRTSCNKCYCKKCCWHCQVCFVTKGLGISYGRKKRRQRRRAHQDSETHQASISKQ\*VVHVMTPLEIVTIVALVVAVILAIVVWTIVFIEYRKILRQRKIDRLLDRISERAEDSGNESEGDQEELSALMEMGHHAPWVIDDL\*CCRKLVGHSILWGTCVERSNHHSLLCIKC\*SI\*YRET\*CLGHTCLCTHRPQPTRNSIGKCDRRI\*HVEK\*HGRTDA\*GCNQFMGSKPKTMCKVNPTLCYFKLH\*CCYCEYD\*\*D\*GRNKKLLFQCHLGPRRQATERICTVL\*S\*CSTNR\*\*\*\*\*Y\*L\*E\*LY\*L\*VNKL\*HLSHYTGLSKGIL\*ANSNTLLYPGWFCDSKV\*\*\*GVQWNRKM\*QHQHSTMHTWN\*ASSVNSTAVKWQSGRRRSGN\*ICQLHRQ\*\*NHNSTAK\*VCRNKLYKTQQ\*YKKKYPYRARESILYNRRDNRKHKTSTL\*H\*\*SKME\*NFRTASYKIRTPI\*E\*NNNKI\*SILRRGPRNCDAQFYLWRRIFLL\*CITTV\*\*YLECFCK\*WYLDCN\*WH\*RK\*YYHSPM\*NKTICKHVAGSRKSNVCPSYQRTN\*MFIKYYRAAINKRWW\*G\*\*QQ\*HGGLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSTGSYVPWVLGNSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPCYRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ICRPHLAKHDLDAVGKRN\*QLHTNNLQFT\*RIADPARKE\*KRIIGIG\*VGKSVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*AGILTFIISDPPPNPEGTRQARRNRRRRWRARQRQLNKI

>B.2006.JF320241.-

MEPVDPRLEPWKHPGSQPRTPCNNCYCKRCCWHCQVCFTTKGLGISYGRKKRRQRRRAHQDSQTHQANLSEQ\*VVYVMQSLHIVAIVALVVAAILAIVVWTIVFIEYRKILRQRKIDRLLDRISERAEDSGNESEGDQEELAALMEMGHHAPWNVDDL\*CYRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRSA\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*HVEK\*HGRANAGRCNQFMGSKPKAMCKINPTLCYFGLQ\*F\*\*E\*Y\*\*HY\*GKDGQRRNKKLLFQ\*HHRHERQGTERTCTFL\*P\*YSTNR\*\*\*\*\*\*\*F\*\*\*\*F\*\*L\*VNKL\*HLNHYTSLSKSNL\*ANSHTLLCPGWFCDSKV\*R\*GIQWNRDM\*KCQHSTVHTWN\*ASSVNSTIVEWQSSRGRGSN\*ICQFLRQC\*KHNSTVK\*VCTNNLYKTQQ\*YKKKYTYRARKSILYHRRYNRRYKKSTLYH\*\*KSME\*YFIPVK\*KIKRPV\*YDNNSL\*TILRRGPRNCDAQF\*LWRRIFLL\*YITTV\*WKLATTA\*\*NYISIQCYMGKK\*H\*YHTPMQNKTICKHVAGSRKSNVCPSHQRTNQMCIKYYRVANNKRWGLQQ\*\*Q\*DQ\*DLQTCRRRNEGQLEK\*II\*I\*SSTS\*TIRISTHQGKEKSGAERKKSSDAGSYVPWVLGSSRKHYGRSVNNADGTGQTVIVWYSATAEQSAEGY\*GATSSVATHSLGHKAAPGESPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISRLYLG\*HDLDAVGKGN\*QLHRTYILLA\*RIAEPAGKE\*TRIIGIG\*VGKSVELV\*HIKLAVVYKNIHNNSRRLDRFKNSFYCTFCSE\*S\*AGILTCVFSDPPPKPEGTRQARRNRRRRWRARQRQINTI

>B.2006.JF320242.-

MEPVDPRLEPWKHPGSQPRTPCNNCYCKRCCWHCQVCFTTKGLGISYGRKKRRQRRRAHQDSQTHQANLSEQ\*VVYVMQSLHIVAIVALVVAAILAIVVWTIVFIEYRKILRQRKIDRLLDRISERAEDSGNESEGDQEELAALMEMGHHAPWNVDDL\*CYRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRSA\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*HVEK\*HGRANAGRCNQFMGSKPKAMCKINPTLCYFGLQ\*F\*\*E\*Y\*\*HY\*GKDGQRRNKKLLFQ\*HHRHERQGTERTCTFL\*P\*YSTNR\*\*\*\*\*\*\*F\*\*\*\*F\*\*L\*VNKL\*HLNHYTSLSKSNL\*ANSHTLLCPGWFCDSKV\*R\*GIQWNRDM\*KCQHSTVHTWN\*ASSVNSTIVEWQSSRGRGSN\*ICQFLRQC\*KHNSTVK\*VCTNNLYKTQQ\*YKKKYTYRARKSILYHRRYNRRYKKSTLYH\*\*KSME\*YFIPVK\*KIKRPV\*YDNNSL\*TILRRGPRNCDAQF\*LWRRIFLL\*YITTV\*WKLATTA\*\*NYISIQCYMGKK\*H\*YHTPMQNKTICKHVAGSRKSNVCPSHQRTNQMCIKYYRVANNKRWGLQQ\*\*Q\*DQ\*DLQTCRRRNEGQLEK\*II\*I\*SSTS\*TIRISTHQGKEKSGAERKKSSDAGSYVPWVLGSSRKHYGRSVNNADGTGQTVIVWYSATAEQSAEGY\*GATSSVATHSLGHKAAPGESPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISRLYLG\*HDLDAVGKGN\*QLHRTYILLA\*RIAEPAGKE\*TRIIGIG\*VGKSVELV\*HIKLAVVYKNIHNNSRRLDRFKNSFYCTFCSE\*S\*AGILTCVFSDPPPKPEGTRQARRNRRRRWRARQRQINTI

>B.2006.JF320243.-

MEPVDPRLEPWKHPGSQPRTPCNNCYCKRCCWHCQVCFTTKGLGISYGRKKRRQRRRAHQDSQTHQANLSEQ\*VVYVMQSLHIVAIVALVVAAILAIVVWTIVFIEYRKILRQRKIDRLLDRISERAEDSGNESEGDQEELAALMEMGHHAPWNVDDL\*CYRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRSA\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*HVEK\*HGRANAGRCNQFMGSKPKAMCKINPTLCYFGLQ\*F\*\*E\*Y\*\*HY\*GKDGQRRNKKLLFQ\*HHRHERQGTERTCTFL\*P\*YSTNR\*\*\*\*\*\*\*F\*\*\*\*F\*\*L\*VNKL\*HLNHYTSLSKSNL\*ANSHTLLCPGWFCDSKV\*R\*GIQWNRDM\*KCQHSTVHTWN\*ASSVNSTIVEWQSSRGRGSN\*ICQFLRQC\*KHNSTVK\*VCTNNLYKTQQ\*YKKKYTYRARKSILYHRRYNRRYKKSTLYH\*\*KSME\*YFIPVK\*KIKRPV\*YDNNSL\*TILRRGPRNCDAQF\*LWRRIFLL\*YITTV\*WKLATTA\*\*NYISIQCYMGKK\*H\*YHTPMQNKTICKHVAGSRKSNVCPSHQRTNQMCIKYYRVANNKRWGLQQ\*\*Q\*DQ\*DLQTCKRRNEGQLEK\*II\*I\*SSTS\*TIRISTHQGKEKSGAERKKSSDAGSCVPWVLGSSRKHYGRSVNNADGTGQTVIVWYSATAEQSAEGY\*GATSSVATHSLGHKAAPGESPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISRLYLG\*HDLDAVGKGN\*QLHRTYILLA\*RIAEPAGKE\*TRIIGIG\*VGKSVELV\*HIKLAVVYKNIHNNSRRLDRFKNSFYCTFCSE\*S\*AGILTCVFSDPPPKPEGTRQARRNRRRRWRARQRQINTI

>B.2006.JF320244.-

MEPVDPRLEPWKHPGSQPRTPCNNCYCKRCCWHCQVCFTTKGLGISYGRKKRRQRRRAHQDSQTHQANLSEQ\*VVYVMQSLHIVAIVALVVAAILAIVVWTIVFIEYRKILRQRKIDRLLDRISERAEDSGNESEGDQEELAALMEMGHHAPWNVDDL\*CYRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRSA\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*HVEK\*HGRANAGRCNQFMGSKPKAMCKINPTLCYFGLQ\*F\*\*E\*Y\*\*HY\*GKDGQRRNKKLLFQ\*HHRHERQGTERTCTFL\*P\*YSTNR\*\*\*\*\*\*\*F\*\*\*\*F\*\*L\*VNKL\*HLNHYTSLSKSNL\*ANSHTLLCPGWFCDSKV\*R\*GIQWNRDM\*KCQHSTVHTWN\*ASSVNSTIVEWQSSRGRGSN\*ICQFLRQC\*KHNSTVK\*VCTNNLYKTQQ\*YKKKYTYRARKSILYHRRYNRRYKKSTLYH\*\*KSME\*YFIPVK\*KIKRPV\*YDNNSL\*TILRRGPRNCDAQF\*LWRRIFLL\*YITTV\*WKLATTA\*\*NYISIQCYMGKK\*H\*YHTPMQNKTICKHVAGSRKSNVCPSHQRTNQMCIKYYRVANNKRWGLQQ\*\*Q\*DQ\*DLQTCRRRNEGQLEK\*II\*I\*SSTS\*TIRISTHQGKEKSGAERKKSSDAGSYVPWVLGSSRKHYGRSVNNADGTGQTVIVWYSATAEQSAEGY\*GATSSVATHSLGHKAAPGESPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISRLYLG\*HDLDAVGKGN\*QLHRTYILLA\*RIAEPAGKE\*TRIIGIG\*VGKSVELV\*HIKLAVVYKNIHNNSRRLDRFKNSFYCTFCSE\*S\*AGILTCVFSDPPPKPEGTRQARRNRRRRWRARQRQINTI

>B.2006.JF320245.-

MEPVDPRLEPWKHPGSQPRTPCNNCYCKRCCWHCQVCFTTKGLGISYGRKKRRQRRRAHQDSQTHQANLSEQ\*VVYVMQSLHIVAIVALVVAAILAIVVWTIVFIEYRKILRQRKIDRLLDRISERAEDSGNESEGDQEELAALMEMGHHAPWNVDDL\*CYRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRSA\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*HVEK\*HGRANAGRCNQFMGSKPKAMCKINPTLCYFGLQ\*F\*\*E\*Y\*\*HY\*GKDGQRRNKKLLFQ\*HHRHERQGTERTCTFL\*P\*YSTNR\*\*\*\*\*\*\*F\*\*\*\*F\*\*L\*VNKL\*HLNHYTGLSKSNL\*ANSHTLLCPGWFCDSKV\*R\*GIQWNRDM\*KCQHSTVHTWN\*ASSVNSTIVEWQSSRGRGSN\*ICQFLRQC\*KHNSTVK\*VCTNNLYKTQQ\*YKKKYTYRARKSILYHRRYNRRYKKSTLYH\*\*KSME\*YFIPVK\*KIKRPV\*YDNNSL\*TILRRGPRNCDAQF\*LWRRIFLL\*YITTV\*WKLATTA\*\*NYISIQCYMGKK\*H\*YHTPMQNKTICKHVAGSRKSNVCPSHQRTNQMCIKYYRVANNKRWGLQQ\*\*Q\*DQ\*DLQTCRRRNEGQLEK\*II\*I\*SSTS\*TIRISTHQGKEKSGAERKKSSDAGSYVPWVLGSSRKHYGRSVNNADGTGQTVIVWYSATAEQSAEGY\*GATSSVATHSLGHKAAPGESPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISRLYLG\*HDLDAVGKGN\*QLHRTYILLA\*RIAEPAGKE\*TRIIGIG\*VGKSVELV\*HIKLAVVYKNIHNNSRRLDRFKNSFYCTFCSE\*S\*AGILTCVFSDPPPKPEGTRQARRNRRRRWRARQRQINTI

>B.2006.JF320247.-

MDPVDPRLAPWQHPGSQPKTACTNCYCKACCLHCQVCFTRKGLGISYGRKKRRQRRRTPQDSQTNQEDLPKQ\*VVHVMQALVIGSIVALVIVAIIAIVVWSIVILEYRKILRQRKIDSIIDRIIERAEDSGNESEGDQEELAVLMEMGHHAPWAVNDL\*CYRKIVGHSLLWGTCMERSHYHSILCIRG\*SI\*YRGT\*CLGYTCLCAHRSQPTRSSIGKCDRKL\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LFE\*YY\*DYQ\*Y\*GYQY\*\*RGKDGARGNKKLLFQYHHKHRR\*EAERICIVL\*T\*CSTNR\*G\*\*Y\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWDRAMSQCQHSTMYTWN\*ASSINSTVVKWQSSRRRCSN\*I\*KFHEQC\*DHNSTAK\*ICTN\*LYKTQQQYKKRYTYRTRECILYNRRNNRKYKTSTL\*H\*\*RKME\*YFKTDSRKIKRTIWEE\*NNSL\*SILRRGPRNCNTQF\*LWRRIFLL\*YNTAV\*Y\*\*YTTV\*\*YLE\*YRRAKHKKYHTPMQNKTNYKHVAASRKSNVCPSHQRTN\*MYIKYYRAAVNKRWWEDK\*E\*GK\*D\*DLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSGTRSIVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGHQTAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHHCCALEF\*LE\*\*ISGSDLE\*HDLDGLGKRN\*QLHRHNIQLT\*KLAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVYKNIHNDSRRPDRSKNSFFYTFYSK\*S\*AGIFTIVVSDPLPSPEGTRQARRNRRRRWRQRQKQIQDI

>B.2006.JF320248.-

MDPVDPRLAPWQHPGSQPKTACTNCYCKACCLHCQVCFTRKGLGILYGRKKRRQRRRTPQDSQGHQVSLSKQ\*VVHVMLPLQIYAIVALVVVAIIAIVVWSIVILEYRKILRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWAVNDL\*CYRKIVGHSLLWGTCMERSHYHSILCIKG\*SI\*YRGT\*CLGYTCLCAHGSQPTRSSIGKCDRKL\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCHFKLH\*RGY\*YYYQCYQYH\*\*WRGNKDGERRNKKLLFQDHHKQRR\*EAARICIVL\*T\*CSTNR\*G\*C\*L\*VDKL\*YLSHYTGLSKGLL\*TNSYTLLCPGWFCDSKV\*\*\*DIQWDRTMSQCQHSTMYTWN\*ASSINSTVVKWQPNRKRGSN\*I\*KFHEQC\*NHNSTAGETCKN\*LHKTQQQYKKKYTYRTRESILYNRKNNRRYKTSTL\*H\*\*RRLE\*HFKKDS\*KIKRTIWEYNNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLEYWGE\*YGRVK\*EWNNHPPMQNKANYKHVAGSRKSNVCPSHQRTN\*MFIKHYRATINKRWW\*CCKQEQRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGTRSIVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQPAEGY\*GATAPVATHSLGHQAAPSKSPGCRKIPTGSTAPRNLGLLWKTHLHHCCALEF\*LE\*\*ISGSDLE\*HDLDGLGKRN\*QLHRHNIQLN\*KLAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVYKNIHNDSRRHSRFKNNFVYTLYSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRQRQKQIQDI

>B.2006.JF320249.-

MDPVDPRLAPWQHPGSQPKTACTNCYCKACCLHCQVCFTRKGLGISYGRKKRRQRRRTPQDSQTNQEDLPKQ\*VVHVMQALVIGSIVALVIVAIIAIVVWSIVILEYRKILRQRKIDSIIDRIIERAEDSGNESEGDQEELAVLMEMGHHAPWAVNDL\*CYRKIVGHSLLWGTCMERSHYHSILCIRG\*SI\*YRGT\*CLGYTCLCAHRSQPTRSSIGKCDRKL\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LFE\*YY\*DYQ\*Y\*GYQY\*\*RGKDGARGNKKLLFQYHHKHRR\*EAERICIVL\*T\*CSTNR\*G\*\*Y\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWDRAMSQCQHSTMYTWN\*ASSINSTVVKWQSSRRRCSN\*I\*KFHEQC\*DHNSTAK\*ICTN\*LYKTQQQYKKRYTYRTRECILYNRRNNRKYKTSTL\*H\*\*RKME\*YFKTDSRKIKRTIWEE\*NNSL\*SILRRGPRNCNTQF\*LWRRIFLL\*YNTAV\*Y\*\*YTTV\*\*YLE\*YRRAKHKKYHTPMQNKTNYKHVAASRKSNVCPSHQRTN\*MYIKYYRAAVNKRWWEDK\*E\*GK\*D\*DLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKNGAERKKSSGTRSIVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGHQTAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHHCCALEF\*LE\*\*ISGSDLE\*HDLDGLGKRN\*QLHRHNIQLT\*KLAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVYKNIHNDSRRPDRSKNSFFYTFYSK\*S\*AGIFTIVVSDPLPSPEGTRQARRNRRRRWRQRQKQIQDI

>B.2006.JF320250.-

MDPVDPRLAPWQHPGSQPKTACTNCYCKACCLHCQVCFTRKGLGILYGRKKRRQRRRTPQDSQGHQVSLSKQ\*VVHVMLPLQIYAIVALVVVAIIAIVVWSIVILEYRKILRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWAVNDL\*CYRKIVGHSLLWGTCMERSHYHSILCIKG\*SI\*YRGT\*CLGYTCLCAHGSQPTRSSIGKCDRKL\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*RGY\*YYYQCYQYH\*\*WRGNKDGERRNKKLLFQDHHKQRR\*EAARICIVL\*T\*CSTNR\*G\*C\*L\*VDKL\*YLSHYTGLSKGLL\*TNSYTLLCPGWFCDSKV\*\*\*DIQWDRTMSQCQHSTMYTWN\*ASSINSTVVKWQPNRKRGSN\*I\*KFHEQC\*NHNSTAGETCKN\*LHKTQQQYKKKYTYRTRESILYNRKNNRRYKTSTL\*H\*\*RRLE\*HFKKDS\*KIKRTIWEYNNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLEYWGE\*YGRVK\*EWNNHPPMQNKANYKHVAGSRKSNVCPSHQRTN\*MFIKHYRATINKRWW\*CCKQEQRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGTRSIVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQPAEGY\*GATAPVATHSLGHQAAPSKSPGCRKIPTGSTAPRNLGLLWKTHLHHCCALEF\*LE\*\*ISGSDLE\*HDLDGLGKRN\*QLHRHNIQLN\*KLAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVYKNIHNDSRRHSRFKNNFVYTLYSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRQRQKQIQDI

>B.2006.JF320251.-

MDPVDPRLAPWQHPGSQPKTACTNCYCKACCLHCQVCFTRKGLGISYGRKKRRQRRRTPQDSQTNQEDLPKQ\*VVHVMQALVIGSIVALVIVAIIAIVVWSIVILEYRKILRQRKIDSIIDRIIERAEDSGNESEGDQEELAVLMEMGHHAPWAVNDL\*CYRKIVGHSLLWGTCMERSHYHSILCIRG\*SI\*YRGT\*CLGYTCLCAHRSQPTRSSIGKCDRKL\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LFE\*YY\*DYQ\*Y\*GYQY\*\*RGKDGARGNKKLLFQYHHKHRR\*EAERICIVL\*T\*CSTNR\*G\*\*Y\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWDRAMSQCQHSTMYTWN\*ASSINSTVVKWQSSRRRCSN\*I\*KFHEQC\*DHNSTAK\*ICTN\*LYKTQQQYKKRYTYRTRECILYNRRNNRKYKTSTL\*H\*\*RKME\*YFKTDSRKIKRTIWEE\*NNSL\*SILRRGPRNCNTQF\*LWRRIFLL\*YNTAV\*Y\*\*YTTV\*\*YLE\*YRRAKHKKYHTPMQNKTNYKHVAASRKSNVCPSHQRTN\*MYIKYYRAAVNKRWWEDK\*E\*GK\*D\*DLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSGTRSIVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGHQTAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHHCCALEF\*LE\*\*ISGSDLE\*HDLDGLGKRN\*QLHRHNIQLT\*KLAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVYKNIHNDSRRPDRSKNSFFYTFYSK\*S\*AGIFTIVVSDPLPSPEGTRQARRNRRRRWRQRQKQIQDI

>B.2006.JF320252.-

MDPVDPRLAPWQHPGSQPKTACTNCYCKACCLHCQVCFTRKGLGILYGRKKRRQRRRTPQDSQGHQVSLSKQ\*VVHVMLPLQIYAIVALVVVAIIAIVVWSIVILEYRKILRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWAVNDL\*CYRKIVGHSLLWGTCMERSHYHSILCIKG\*SI\*YRGT\*CLGYTCLCAHGSQPTRSSIGKCDRKL\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*RGY\*YYYQCYQYH\*\*WRGNKDGERRNKKLLFQDHHKQRR\*EAARICIVL\*T\*CSTNR\*G\*C\*L\*VDKL\*YLSHYTGLSKGLL\*TNSYTLLCPGWFCDSKV\*\*\*DIQWDRTMSQCQHSTMYTWN\*ASSINSTVVKWQPNRKRGSN\*I\*KFHEQC\*NHNSTAGETCKN\*LHKTQQQYKKKYTYRTRESILYNRKNNRRYKTSTL\*H\*\*RRLE\*HFKKDS\*KIKRTIWEYNNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLEYWGE\*YGRVK\*EWNNHPPMQNKANYKHVAGSRKSNVCPSHQRTN\*MFIKHYRATINKRWW\*CCKQEQRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGTRSIVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQPAEGY\*GATAPVATHSLGHQAAPSKSPGCRKIPTGSTAPRNLGLLWKTHLHHCCALEF\*LE\*\*ISGSDLE\*HDLDGLGKRN\*QLHRHNIQLN\*KLAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVYKNIHNDSRRHSRFKNNFVYTLYSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRQRQKQIQDI

>B.2006.JF320253.-

MDPVDPRLAPWQHPGSQPKTACTNCYCKACCLHCQVCFTRKGLGILYGRKKRRQRRRTPQDSQGHQVSLSKQ\*VVHVMLPLQIYAIVALVVVAIIAIVVWSIVILEYRKILRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWAVNDL\*CYRKIVGHSLLWGTCMERSHYHSILCIKG\*SI\*YRGT\*CLGYTCLCAHGSQPTRSSIGKCDRKL\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*RGY\*YYYQCYQYH\*\*WRGNKDGERRNKKLLFQDHHKQRR\*EAARICIVL\*T\*CSTNR\*G\*C\*L\*VDKL\*YLSHYTGLSKGLL\*TNSYTLLCPGWFCDSKV\*\*\*DIQWDRTMSQCQHSTMYTWN\*ASSINSTVVKWQPNRKRGSN\*I\*KFHEQC\*NHNSTAGETCKN\*LHKTQQQYKKKYTYRTRESILYNRKNNRRYKTSTL\*H\*\*RRLE\*HFKKDS\*KIKRTIWEYNNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLEYWGE\*YGRVK\*EWNNHPPMQNKANYKHVAGSRKSNVCPSHQRTN\*MFIKHYRATINKRWW\*CCKQEQRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGTRSIVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQPAEGY\*GATAPVATHSLGHQAAPSKSPGCRKIPTGSTAPRNLGLLWKTHLHHCCALEF\*LE\*\*ISGSDLE\*HDLDGLGKRN\*QLHRHNIQLN\*KLAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVYKNIHNDSRRHSRFKNNFVYTLYSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRQRQKQIQDI

>B.2006.JF320255.-

MDPVDPRLAPWQHPGSQPKTACTNCYCKACCLHCQVCFTRKGLGISYGRKKRRQRRRTPQDSQTNQEDLPKQ\*VVHVMQALVIGSIVALVIVAIIAIVVWSIVILEYRKILRQRKIDSIIDRIIERAEDSGNESEGDQEELAVLMEMGHHAPWAVNDL\*CYRKIVGHSLLWGTCMERSHYHSILCIRG\*SI\*YRGT\*CLGYTCLCAHRSQPTRSSIGKCDRKL\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LFE\*YY\*DYQ\*Y\*GYQY\*\*RGKDGARGNKKLLFQYHHKHRR\*EAERICIVL\*T\*CSTNR\*G\*\*Y\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWDRAMSQCQHSTMYTWN\*ASSINSTVVKWQSSRRRCSN\*I\*KFHEQC\*DHNSTAK\*ICTN\*LYKTQQQYKKRYTYRTRECILYNRRNNRKYKTSTL\*H\*\*RKME\*YFKTDSRKIKRTIWEE\*NNSL\*SILRRGPRNCNTQF\*LWRRIFLL\*YNTAV\*Y\*\*YTTV\*\*YLE\*YRRAKHKKYHTPMQNKTNYKHVAASRKSNVCPPHQRTN\*MYIKYYRAAVNKRWWEDK\*E\*GK\*D\*DLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSGTRSIVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGHQTAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHHCCALEF\*LE\*\*ISGSDLE\*HDLDGLGKRN\*QLHRHNIQLT\*KLAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVYKNIHNDSRRPDRSKNSFFYTFYSK\*S\*AGIFTIVVSDPLPSPEGTRQARRNRRRRWRQRQKQIQDI

>B.2006.JF320256.-

MDPVDPRLAPWQHPGSQPKTACTNCYCKACCLHCQVCFTRKGLGILYGRKKRRQRRRTPQDSQGHQVSLSKQ\*VVHVMLPLQIYAIVALVVVAIIAIVVWSIVILEYRKILRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWAVNDL\*CYRKIVGHSLLWGTCMERSHYHSILCIKG\*SI\*YRGT\*CLGYTCLCAHGSQPTRSSIGKCDRKL\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*RGY\*YYYQCYQYH\*\*WRGNKDGERRNKKLLFQDHHKQRR\*EAARICIVL\*T\*CSTNR\*G\*C\*L\*VDKL\*YLSHYTGLSKGLL\*TNSYTLLCPGWFCDSKV\*\*\*DIQWDRTMSQCQHSTMYTWN\*ASSINSTVVKWQPNRKRGSN\*I\*KFHEQC\*NHNSTAGETCKN\*LHKTQQQYKKKYTYRTRESILYNRKNNRRYKTSTL\*H\*\*RRLE\*HFKKDS\*KIKRTIWEYNNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLEYWGE\*YGRVK\*EWNNHPPMQNKANYKQVAGSRKSNVCPSHQRTN\*MFIKHYRATINKRWW\*CCKQEQRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGTRSIVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQPAEGY\*GATAPVATHSLGHQAAPSKSPGCRKIPTGSTAPRNLGLLWKTHLHHCCALEF\*LE\*\*ISGSDLE\*HDLDGLGKRN\*QLHRHNIQLN\*KLAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVYKNIHNDSRRHSRFKNNFVYTLYSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRQRQKQIQDI

>B.2006.JF320257.-

MDPVDPRLAPWQHPGSQPKTACTNCYCKACCLHCQVCFTRKGLGILYGRKKRRQRRRTPQDSQGHQVSLSKQ\*VVHVMLPLQIYAIVALVVVAIIAIVVWSIVILEYRKILRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWAVNDL\*CYRKIVGHSLLWGTCMERSHYHSILCIKG\*SI\*YRGT\*CLGYTCLCAHGSQPTRSSIGKCDRKL\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*RGY\*YYYQCYQYH\*\*WRGNKDGERRNKKLLFQDHHKQRR\*EAARICIVL\*T\*CSTNR\*G\*C\*L\*VDKL\*YLSHYTGLSKGLL\*TNSYTLLCPGWFCDSKV\*\*\*DIQWDRTMSQCQHSTMYTWN\*ASSINSTVVKWQPNRKRGSN\*I\*KFHEQC\*NHNSTAGETCKN\*LHKTQQQYKKKYTYRTRESILYNRKNNRRYKTSTL\*H\*\*RRLE\*HFKKDS\*KIKRTIWEYNNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLEYWGE\*YGRVK\*EWNNHPPMQNKANYKHVAGSRKSNVCPSHQRTN\*MFIKHYRATINKRWW\*CCKQEQRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGTRSIVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQPAEGY\*GATAPVATHSLGHQAAPSKSPGCRKIPTGSTAPRNLGLLWKTHLHHCCALEF\*LE\*\*ISGSDLE\*HDLDGLGKRN\*QLHRHNIQLN\*KLAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTMAVVYKNIHNDSRRHSRFKNNFVYTLYSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRQRQKQIQDI

>B.2006.JF320259.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRAPQGSETHQGDLSKQ\*VVYVMKPLYILSIVALVVAVILAIVVWTIVLIEYRKILKQRRIDRLIERIRERAEDSGNESEGDQEELLVEMGHDAPWNVNDL\*CCRKIVGNSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CLGHACLCTHRPQPTRNRIGKCD\*KF\*CVEK\*HGRTDA\*GYN\*FMG\*KPKAMCKTNPTLCHFNLH\*RD\*\*YSVH\*\*\*YSAH\*\*RGQRRNKRRNKKLFFQCHHSEKR\*NKERTCTFL\*P\*CSTNRRR\*Q\*LYIKKL\*HINHYTGLSKSIL\*ANSHTFLCPGWFCNPKV\*R\*EVQWNRTMCKRQHSTMYTWN\*ASSINSTAVKWQSNRRRDSN\*I\*EYFKQC\*NHNSTAERSCKN\*LYKTQQQYKKKYTYRTRESILCNGKHNRRYKTSILHH\*KKRME\*HFKRDS\*KIKRTI\*\*\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLELY\*SFK\*YFE\*\*Y\*RKYHTPMQNKTIYKHVAESRKSNVCPSH\*WTN\*LFIKYYRAAIDERWWY\*PEREQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*SKEESGAERKKSSNRSSDPWVLGSSRKHYGRSVTDADGTGQTIIVWYSAAAKQFAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSAAPRNLGLLWKTHLHHCCALE\*\*LE\*\*KSR\*YLAEHDLDGVGKRN\*QLHKCNIQIN\*TITKPARKE\*ARIIGIGQMGKLVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2006.JF320261.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRAPQGSETHQGDLSKQ\*VVYVMNSLYILSIVALVVAAILAIVVWTIVLIEYRRILKQRRIDRLIERIRERAEDSGNESEGDQEELLVEMGHDAPWDINDL\*YCRKVVGNSLLWGTCVERSKNHSILCIRC\*SI\*HRGT\*CLGHACLCTHRPQPTRNKIGKCDRKF\*CVEK\*HGRTDA\*GYN\*FMG\*KPKAMCKTNPTLCHFNLH\*RE\*\*YSVH\*\*\*YSAH\*\*RGQRRNKRRNKKLFFQCHHSEKR\*NKERICTFL\*P\*CSTNRRR\*Q\*LYIKKL\*HINHYTGLSKSIL\*ANSHTFLCPGWFCDPKV\*\*\*EVQWNRTMCKRQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KYFKQC\*NHNSTAERSCKN\*LYKTQQQYKKKYTYRTRESILCNRHNRRYKTSILQH\*\*KRME\*HFKRDS\*KIKRTI\*\*NNSL\*\*ILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLELY\*SVES\*\*YFE\*WY\*RQYHTPMQNKTIYKHVAESRKSNVCSSH\*WTN\*LFIKYYRAAINERWWY\*PEQEQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*SKEESGAERKKSSNRSSDPWVLGSSREHYGRSVIDADGTGQTIIVWYSAAAKQFAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHHCCALE\*\*LE\*\*KSR\*YLAEHDLDGVGKRN\*QLHKCNIQIN\*TITKPARKE\*ARIIGIGQMGKLVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRKRWRERQRHIRTL

>B.2006.JF320263.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRAPQGSETHQGDLSKQ\*VVYVMNSLYILSIVALVVAAILAIVVWTIVLIEYRKILKQRRIDRLIERIRERAEDSGNESEGDQEELLVEMGHDAPWNVNDL\*CCRKVVGNSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CLGHACLCTYRPQPTRNRLGKCDRKF\*CVEK\*HGRTDA\*GYN\*FMG\*KPKALCKTNPTLCHFNLH\*RE\*\*YSVH\*\*\*YSAH\*\*RGQRGRRNKKLFFQCHHSEKR\*NKERTCTFL\*P\*CSTNRRR\*Q\*LYIKKL\*HINHYTGLSKSIL\*ANSHTFLCPGWFCNPKV\*R\*EVQWNRTMCKRQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*EYFKQC\*NHNSTAERSCKN\*LYKTQQQYKKKYTYRTRESILCNGKHNRRYKTSILHH\*KKRME\*HFKRDS\*KIKRTI\*\*\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLELY\*SFK\*YFE\*\*Y\*RKYHTPMQNKTIYKHVAESRKSNVCPSH\*WTN\*LFIKYYRAAINERWWY\*PEREQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TFRSSTH\*SKEKSGAERKKSSNRSSGPWVLGSSRKHYGRSVTDADGTGQTIIVWYSAAAKQFAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHHCCALE\*\*LE\*\*KSR\*YLAEHDLDGVGKRN\*QLHKCNIQIN\*TITKPARKE\*ARIIGIGQMGKLVELV\*HNKLAVVYKIIHNDRRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2006.JF320265.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRAPQGSETHQGDLSKQ\*VVYVMKPLYILSIVALVVAVILAIVVWTIVLIEYRKILKQRRIDRLIERIRERAEDSGNESEGDQEELLVEMGHDAPWNINDL\*CCRKVVGNSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CLGHACLCTHRPQPTRNRIGKCDRKF\*CVEK\*HGRTDA\*GYN\*FMG\*KPKAMCKTNPTLCHFNLH\*RE\*\*YSVH\*\*\*YSAH\*\*RGQRRNKRRNKKLFFQCHHSEKR\*NKERICTFL\*P\*CSTNRRR\*Q\*LYIKKL\*HINHYTGLSKSIL\*ANSHTFLCPGWFCDPKV\*\*\*EVQWNRTMCKRQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KYFKQC\*NHNSTAEKSCKN\*LYKTQQQYKKKYTYRTRESILCNRHNRRYKTSILQH\*\*QRME\*HFKRDS\*KIKRTI\*\*NNSL\*\*ILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLELY\*SVES\*\*YFE\*WY\*RQYHTPMQNKTIYKHVAESRKSNVCSSH\*WTN\*LFIKYYRAAINERWWY\*PEQEQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*SKEESGAERKKSSNRSSDPWVLGSSRKHYGRSVIDADGTGQTIIVWYSAAAKQFAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHHCCALE\*\*LE\*\*KSR\*YLAEHDLDGVGKRN\*QLHKCNIQIN\*TITKPARKE\*ARIIGIGQMGKLVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2006.JF320267.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRAPQGSETHQGDLSKQ\*VVYVMNSLYILSIVALVVAAILAIVVWTIVLIEYRKILKQRRIDRLIERIRERAEDSGNESEGDQEELLVEMGHDAPWNVNDL\*CCRKVVGNSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CLGHACLCTYRPQPTRNRLGKCDRKF\*CVEK\*HGRTDA\*GYN\*FMG\*KPKALCKTNPTLCHFNLH\*RK\*\*YSVH\*\*\*YSAH\*\*RGQRGRRNKKLFFQCHHSEKR\*NKERTCTFL\*P\*CSTNRRR\*Q\*LYIKKL\*HINHYTGLSKSIL\*ANSHTFLCPGWFCNPKV\*R\*EVQWNRTMCKRQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*EYFKQC\*NHNSTAERSCKN\*LYKTQQQYKKKYTYRTRESILCNGKHNRRYKTSILHH\*KKRME\*HFKRDS\*KIKRTI\*\*\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLELY\*SFK\*YFE\*\*Y\*RKYHTPMQNKTIYKHVAESRKSNVCPSH\*WTN\*LFIKYYRAAINERWWY\*PEREQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TFRSSTH\*SKEKSGAERKKSSNRSSGPWVLGSSRKHYGRSVTDADGTGQTIIVWYSAAAKQFAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHHCCALE\*\*LE\*\*KSR\*YLAEHDLDGVEKRN\*QLHKCNIQIN\*TITKPARKE\*ARIIGIGQMGKLVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2006.JF320268.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRAPQGSETHQGDLSKQ\*VVYVMNSLYILSIVALVVAAILAIVVWTIVLIEYRKILKQRRIDRLIERIRERAEDSGNESEGDQEELLVEMGHDAPWNVNDL\*CCRKVVGNSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CLGHACLCTYRPQPTRNRLGKCDRKF\*CVEK\*HGRTDA\*GYN\*FMG\*KPKALCKTNPTLCHFNLH\*RE\*\*YSVH\*\*\*YSAH\*\*RGQRGRRNKKLFFQCHHSEKR\*NKERTCTFL\*P\*CSTNRRR\*Q\*LYIKKL\*HINHYTGLSKSIL\*ANSHTFLCPGWFCNPKV\*R\*EVQWNRTMCKRQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*EYFKQC\*NHNSTAERSCKN\*LYKTQQQYKKKYTYRTRESILCNGKHNRRYKTSILHH\*KKRME\*HFKRDS\*KIKRTI\*\*\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLELY\*SFK\*YFE\*\*Y\*RKYHTPMQNKTIYKHVAESRKSNVCPSH\*WTN\*LFIKYYRAAINERWWY\*PEREQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TFRSSTH\*SKEKSGAERKKSSNRSSGPWVLGSSRKHYGRSVTDADGTGQTIIVWYSAAAKQFAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHHCCALE\*\*LE\*\*KSR\*YLAEHDLDGVGKRN\*QLHKCNIQIN\*TITKPARKE\*ARIIGIGQMGKLVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2006.JF320269.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRAPQGSETHQGDLSKQ\*VVYVMNSLYILSIVALVVAAILAIVVWTIVLIEYRKILKQRRIDRLIERIRERAEDSGNESEGDQEELLVEMGHDAPWNVNDL\*CCRKVVGNSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CLGHACLCTYRPQPTRNRLGKCDRKF\*CVEK\*HGRTDA\*GYN\*FMG\*KPKALCKTNPTLCHFNLH\*RE\*\*YSVH\*\*\*YSAH\*\*RGQRGRRNKKLFFQCHHSEKR\*NKERTCTFL\*P\*CSTNRRR\*Q\*LYIKKL\*HINHYTGLSKSIL\*ANSHTFLCPGWFCNPKV\*R\*EVQWNRTMCKRQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*EYFKQC\*NHNSTAERSCKN\*LYKTQQQYKKKYTYRTRESILCNGKHNRRYKTSILHH\*KKRME\*HFKRDS\*KIKRTI\*\*\*NNSL\*SILRRGPRNCNAQC\*LWRGIFLL\*YNTTV\*\*YLELY\*SFK\*YFE\*\*Y\*RKYHTPMQNKTIYKHVAESRKSNVCPSH\*WTN\*LFIKYYRAAINERWWY\*PEREQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TFRSSTH\*SKEKSGAERKKSSNRSSGPWVLGSSRKHYGRSVTDADGTGQTIIVWYSAAAKQFAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHHCCALE\*\*LE\*\*KSR\*YLAEHDLDGVGKRN\*QLHKCNIQIN\*TITKPARKE\*ARIIGIGQMGKLVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2006.JF320271.-

MEPVDPKLEPWKHPGSKPKTACTNCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRAPQGSETHQGDLSKQ\*VVYVMNSLYILSIVALVVAAILAIVVWTIVLIEYRKILKQRRIDRLIERIRERAEDSGNESEGDQEELLVEMGHDAPWDINDL\*YCRKVVGNSLLWGTCVERSHACLCTHRPQPTRNKIGKCDRKF\*CVEK\*HGRTDA\*GYN\*FMG\*KPKAMCKTNPTLCHFNLH\*RE\*\*YSVH\*\*\*YSAH\*\*RGQRRNKRRNKKLFFQCHHSEKR\*NKERICTFL\*P\*CSTNRRR\*Q\*LYIKKL\*HINHYTGLSKSIL\*ANSHTFLCPGWFCDPKV\*\*\*EVQWNRTMCKRQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KYFKQC\*NHNSTAERSCKN\*LYKTQQQYKKKYTYRTRESILCNRHNRRYKTSILQH\*\*KRME\*HFKRDS\*KIKRTI\*\*NNSL\*\*ILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLELY\*SVES\*\*YFE\*WY\*RQYHTPMQNKTIYKHVAESRKSNVCSSH\*WTN\*LFIKYYRAAINERWWY\*PEQEQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*SKEESGAERKKSSNRSSDPWVLGSSREHYGRSVIDADGTGQTIIVWYSAAAKQFAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHHCCALE\*\*LE\*\*KSR\*YLAEHDLDGVGKRN\*QLHKCNIQIN\*TITKPARKE\*ARIIGIGQMGKLVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2006.JF320272.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRAPQGSETHQGDLSKQ\*VVYVMNSLYILSIVALVVAAILAIVVWTIVLIEYRKILKQRRIDRLIERIRERAEDSGNESEGDQEELLVEMGHDAPWDINDL\*YCRKVVGNSLLWGTCVERSKNHSILCIRC\*SI\*HRGT\*CLGHACLCTHRPQPTRNKIGKCDRKF\*CVEK\*HGRTDA\*GYN\*FMG\*KPKAMCKTNPTLCHFNLH\*RE\*\*YSVH\*\*\*YSAH\*\*RGQRRNKRRNKKLFFQCHHSEKR\*NKERICTFL\*P\*CSTNRRR\*Q\*LYIKKL\*HINHYTGLSKSIL\*ANSHTFLCPGWFCDPKV\*\*\*EVQWNRTMCKRQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KYFKQC\*NHNSTAERSCKN\*LYKTQQQYKKKYTYRTRESILCNRHNRRYKTSILQH\*\*KRME\*HFKRDS\*KIKRTI\*\*NNSL\*\*ILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLELY\*SVES\*\*YFE\*WY\*RQYHTPMQNKTIYKHVAESRKSNVCSSH\*WTN\*LFIKYYRAAINERWWY\*PEQEQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*SKEESGAERKKSSNRSSDPWVLGSSREHYGRSVIDADGTGQTIIVWYSAAAKQFAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHHCCALE\*\*LE\*\*KSR\*YLAEHDLDGVGKRN\*QLHKCNIQIN\*TITKPARKE\*ARIIGIGQMGKLVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2006.JF320273.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRAPQGSETHQGDLSKQ\*VVYVMNSLYILSIVALVVAAILAIVVWTIVLIEYRKILKQRRIDRLIERIRERAEDSGNESEGDQEELLVEMGHDAPWNVNDL\*CCRKVVGNSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CLGHACLCTYRPQPTRNRLGKCDRKF\*CVEK\*HGRTDA\*GYN\*FMG\*KPKALCKTNPTLCHFNLH\*RE\*\*YSVH\*\*\*YSAH\*\*RGQRGRRNKKLFFQCHHSEKR\*NKERTCTFL\*P\*CSTNRRR\*Q\*LYIKKL\*HINHYTGLSKSIL\*ANSHTFLCPGWFCNPKV\*R\*EVQWNRTMCKRQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*EYFKQC\*NHNSTAERSCKN\*LYKTQQQYKKKYTYRTRESILCNGKHNRRYKTSILHH\*KKRME\*HFKRDS\*KIKKTI\*\*\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLELY\*SFK\*YFE\*\*Y\*RKYHTPMQNKTIYKHVAESRKSNVCPSH\*RTN\*LFIKYYRAAINERWWY\*PEREQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TFRSSTH\*SKEKSGAERKKSSNKSSGPWVLGSSRKHYGRSVTDADGTGQTIIVWYSAAAKQFAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHHCCALE\*\*LE\*\*KSK\*YLAEHDLDGVGKRN\*QLHKCNIQIN\*TITKPARKE\*ARIIGIGQMGKLVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2006.JF320274.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRAPQGSETHQGDLSKQ\*VVYVMNSLYILSIVALVVAAILAIVVWTIVLIEYRKILKQRRIDRLIERIRERAEDSGNESEGDQEELLVEMGHDAPWDINDL\*YCRKVVGNSLLWGTCVERSKNHSILCIRC\*SI\*HRGT\*CLGHACLCTHRPQPTRNKIGKCDRKF\*CVEK\*HGRTDA\*GYN\*FMG\*KPKAMCKTNPTLCHFNLH\*RE\*\*YSVH\*\*\*YSAH\*\*RGQRRNKRRNKKLFFQCHHSEKR\*NKERICTFL\*P\*CSTNRRR\*Q\*LYIKKL\*HINHYTGLSKSIL\*ANSHTFLCPGWFCDPKV\*\*\*EVQWNRTMCKRQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KYFKQC\*NHNSTAERSCKN\*LYKTQQQYKKKYTYRTRESILCNRHNRRYKTSILQH\*\*KRME\*HFKRDS\*KIKRTI\*\*NNSL\*\*ILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLELY\*SVES\*\*YFE\*WY\*RQYHTPMQNKTIYKHVAESRKSNVCSSH\*WTN\*LFIKYYRAAINERWWY\*PEQEQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*SKEESGAERKKSSNRSSDPWVLGSSREHYGRSVIDADGTGQTIIVWYSAAAKQFAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHHCCALE\*\*LE\*\*KSR\*YLAEHDLDGVGKRN\*QLHKCNIQIN\*TITKPARKE\*ARIIGIGQMGKLVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2006.JF320275.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRAPQGSETHQGDLSKQ\*VVYVMNSLYILSIVALVVAAILAIVVWTIVLIEYRKILKQRRIDRLIERIRERAEDSGNESEGDQEELLVEMGHDAPWNVNDL\*CCRKVVGNSLLWGTCVERSKNHSILCIRC\*SI\*YRGT\*CLGHACLCTYRPQPTRNRLGKCDRKF\*CVEK\*HGRTDA\*GYN\*FMG\*KPKALCKTNPTLCHFNLH\*RE\*\*YSVH\*\*\*YSAH\*\*RGQRGRRNKKLFFQCHHSEKR\*NKERTCTFL\*P\*CSTNRRR\*Q\*LYIKKL\*HINHYTGLSKSIL\*ANSHTFLCPGWFCNPKV\*R\*EVQWNRTMCKCQHSAMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*EYFKQC\*NHNSTAERSCKN\*LYKTQQQYKKKYTYRTRESILCNGKHNRRYKTSILHH\*KKRME\*HFKRDS\*KIKRTI\*\*\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLELY\*SFK\*YFE\*\*Y\*RKYHTPMQNKTIYKHVAESRKSNVCPSH\*WTN\*LFIKYYRAAINERWWY\*PEREQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TFRSSTH\*SKEKSGAERKKSSNRSSGPWVLGSSRKHYGRSVTDADGTGQTIIVWYSAAAKQFAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHHCCALE\*\*LE\*\*KSR\*YLAEHDLDGVGKRN\*QLHKCNIQIN\*TITKPARKE\*ARIIGIGQMGKLVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2007.JF320276.-

MEPIDPSLEPWKHPGSQPKTACTACYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPENSQARQASLPKQ\*VVHVMLPLYILTIVAFVVVLIIAIVVWTIVIIEYRKIVRQRKIDSLLDRILERAEDSGNESEGDQEELSKLLEMGHLAPWNVNDR\*CCRTIVGHSLLWGTCMERSNHHSILCIRC\*SISGRST\*CLGHTCLCAHRPQPTRSGTGKCDRKI\*CMEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCCFKVQ\*YC\*\*CCY\*\*CQRYRGK\*GGRNEKLLF\*YHHKHRGKEEK\*ICTFL\*S\*YSTNR\*GY\*\*\*\*L\*VDKL\*YLSPYTGLSKDNL\*TNSHTLLCPSWFCDSQV\*\*\*DIQWKRTMYKCQHSTVYTWN\*ASSINSIAVKRQPSRKGDSN\*I\*KFHRQC\*NHNSTAERICTN\*LYKTRQQYKKKCTYRTRASILCNRSHNRRHKTGTL\*Y\*\*RKME\*HFKAGSSKTKRTIWE\*\*NNNL\*SILRRGSRNCNAQL\*LCRRIFLL\*YNSIIQ\*YLATQWIK\*H\*RK\*HNHDPMQNKTNCKHVAKSRKSNVCPSHQRKY\*LYIKYYRTTINKRWGC\*QREC\*RDQERDLQTSRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKNPSCGKIPKGSTAPGNLGLLWKTHLHHYCALE\*\*LE\*\*IYE\*DLG\*HDLDGVGKRN\*QLHKHNIQLN\*SIAEPARKE\*TRIIGIR\*MGKSVELV\*HNKLAVVYKNIHNNSRRLDRFKNSFYCTFYNK\*G\*AGILTIIISDPLPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2007.JF320279.-

MEPIDPSLEPWKHPGSQPKTACTACYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPENSQARQASLPKQ\*VVHVMLPLYILTIVAFVVVLIIAIVVWTIVIIEYRKIVRQRKIDSLLDRILERAEDSGNESEGDQEELSKLLEMGHLAPWNVNDR\*CCRTIVGHSLLWGTCMERSNHHSILCIRC\*SISGRST\*CLGHTCLCAHRPQPTRSGTGKCDRKI\*CMEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCCFKV\*\*YC\*\*CCY\*\*CHY\*QR\*RGK\*GGRNEKLLF\*YHHKHRGKEEK\*ICTFL\*S\*YSTNR\*GY\*\*\*\*L\*VDKL\*YLSPYTGLSKDNL\*TNSHTLLCPSWFCDSQV\*Q\*DI\*WKRTMYKCQHSTVYTWN\*ASSINSIAVKWQPSRKRDSN\*I\*KFHRQC\*NHNSTAERICTN\*LYKTQQQYKKKCTYRTRASILCNRSHNRRHKTGTL\*Y\*\*RKME\*HFKAGSSKTKRTIWE\*\*NNNL\*SILRRGSRNCNAQL\*LCRRIFLL\*YNSIIQ\*YLATQWIK\*H\*RK\*HNHDPMQNKTNCKHVAKSRKSNVCPSHQRKY\*LYIKYYRNTINKRWGC\*QREC\*RDQERDLQTSRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKNPSCGKIPKGSTAPGNLGLLWKTHLHHHCALE\*\*LE\*\*IYE\*DLG\*HDLDGVGKRN\*QLHKHNIQLN\*SIAEPARKE\*TRIIGIR\*MGKSVELV\*HNKLAVVYKNIHNNSRRLDRFKNSFYCTFYNK\*G\*AGILTIIISDPLPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2007.JF320282.-

MEPIDPSLEPWKHPGSQPKTACTACYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPENSQARQASLPKQ\*VVHVMLPLYILTIVAFVVVLIIAIVVWTIVIIEYRKIVRQRKIDSLLDRILERAEDSGNESEGDQEELSKLLEMGHLAPWNVNDR\*CCRTIVGHSLLWGTCMERSNHHSILCIRC\*SISGRST\*CLGHTCLCAHRPQPTRSGTGKCDRKI\*CMEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCCFKVQ\*YC\*\*CCYY\*QRYKGK\*GGRNEKLLF\*YHHKHRGKEEK\*ICTFL\*P\*YSTNR\*GY\*\*\*\*L\*VDKL\*YLSPYTGLSKDNL\*TNSHTLLCPSWFCDSQV\*\*\*DI\*WKRTMYKCQHSTVYTWN\*ASSINSIAVKWQPSRKGDSN\*I\*KFHRQC\*NHNSTAERICTN\*LYKTQQQYKKKCTYRTRASILCNRSHNRRHKTSTL\*Y\*\*RKME\*HFKAGSSKTKRTIWE\*\*NNNL\*SILRRGSRNCNAQL\*LCRRIFLL\*YNSIIQ\*YLATQWIK\*H\*RK\*HNHDPMQNKTNCKHVAKSRKSNVCPSHQRKY\*LYIKYYRTTINKRWGC\*QREC\*RDQERDLQTSRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKNPSCGKIPKGSTAPGNLGLLWKTHLHHYCALE\*\*LE\*\*IYE\*DLG\*HDLDGVGKRN\*QLHKHNIQLN\*SIAEPARKE\*TRIIGIR\*MGKSVELV\*HNKLAVVYKNIHNNSRRLDRFKNSFYCTFYNK\*G\*AGILTIIISDPLPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2007.JF320285.-

MEPIDPSLEPWKHPGSQPKTACTACYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPENSQARQASLPKQ\*VVHVMLPLYILTIVAFVVVLIIAIVVWTIVIIEYRKIVRQRKIDSLLDRILERAEDSGNESEGDQEELSKLLEMGHLAPWNVNDR\*CCRTIVGHSLLWGTCMERSNHHSILCIRC\*SISGRST\*CLGHTCLCAHRPQPTRSGTGKCDRKI\*CMEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCCFKVQ\*YC\*\*CHY\*QRYRGK\*GGRNEKLLF\*YHHKHRGKEEK\*ICTFL\*S\*YSTNR\*GY\*\*\*\*L\*VDKL\*YLSPYTGLSKDNL\*TNSHTLLCPSWFCDSQV\*\*\*DI\*WKRTMYKCQHSTVYTWN\*ASSINSIAVKWQPSRKRDSN\*IRKFHRQC\*NHNSTAERIRTN\*LYKTRQQYKKKCTYRTRASILCNRSHNRRHKTGTL\*Y\*\*RKME\*HFKAGSSKTKRTIWE\*\*NNNL\*SILRRGSRNCNAQL\*LCRRIFLL\*YNSIIQ\*YLATQWIK\*H\*RK\*HNHDPMQNKTNCKHVAKSRKSNVCPSHQRKY\*LYIKYYRTTINKRWGC\*QREC\*RDQERDLQTSRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTSQAIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKNPSCGKIPKGSTAPGNLGLLWKTHLHHYCALE\*\*LE\*\*IYE\*DLG\*HDLDGVGKRN\*QLHKHNIQLN\*SIAEPARKE\*TRIIGIR\*MGKSVELV\*HNKLVVVYKNIHNNSRRLDRFKNSFYCTFYNK\*G\*AGILTIIISDPLPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2007.JF320286.-

MEPIDPSLEPWKHPGSQPKTACTACYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPENSQARQASLPKQ\*VVHVMLPLYILTIVAFVVVLIIAIVVWTIVIIEYRKIVRQRKIDSLLDRILERAEDSGNESEGDQEELSKLLEMGHLAPWNVNDR\*CCRTIVGHSLLWGTCMERSNHHSILCIRC\*SISGRST\*CLGHTCLCAHRPQPTRSGTGKCDRKI\*CMEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCCFKVQ\*YC\*\*CCY\*\*CHY\*PRYRGK\*GGRNEKLLF\*YHHKHRGKEEK\*ICTFL\*S\*YSTNR\*GY\*\*\*\*L\*VDKL\*YLSPYTGLSKDNL\*TNSHTLLCPSWFCDSQV\*\*\*DI\*WKRTMYKCQHSTVYTWN\*ASSINSIAVKWQPSRKRDSN\*I\*KFHRQC\*NHNSTAERICTN\*LYKTQQQYKKKCTYRTRASILCNRSHNRRHKTGTL\*Y\*\*RKME\*HFKAGSSKTKRTIWE\*\*NNNL\*SILRRGSRNCNAQL\*LCRRIFLL\*YNSIIQ\*YLATQWIK\*H\*RK\*HNHDPMQNKTNCKHVAKSRKSNVCPSHQRKY\*LYIKYYRTTINKRWGC\*QREC\*RDQERDLQTSRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKNPSRGKIPKGSTAPGNLGLLWKTHLHHYCALE\*\*LE\*\*IYE\*DLG\*HDLDGVGKRN\*QLHKHNIQLN\*SIAEPARKE\*TRIIGIR\*MGKSVELV\*HNKLAVVYKNIHNNSRRLDRFKNSFYYTFYNK\*G\*AGILTIIISDPLPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2007.JF320288.-

MEPIDPSLEPWKHPGSQPKTACTACYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPENSQARQASLPKQ\*VVHVMLPLYILTIVAFVVVLIIAIVVWTIVIIEYRKIVRQRKIDSLLDRILERAEDSGNESEGDQEELSKFLEMGHLAPWNVNDR\*CCRTIVGHSLLWGTCMERSNHHSILCIRC\*SISGRST\*CVGHTCLCAHRPQPTRSGTGKCDRKV\*CMEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCCFKVQ\*YC\*\*CCY\*\*CQY\*QRYRGK\*GGRNEKLLF\*YHHKHRGKEEK\*ICTFL\*S\*YSTNR\*GY\*\*\*\*L\*VDKL\*YLSPYTGLSKDNL\*TNSHTLLCPSWFCDSQV\*\*\*DI\*WKRTMYKCQHSTVYTWN\*ASSINSIAVKWQPSRKRDSN\*I\*KFHRQC\*NHNSTAERICTN\*LYKTQQQYKKKCTYRTRASILCNRSHNRRHKTGTL\*Y\*\*RKME\*HFKAGSSKTKRTIWE\*\*NNNL\*SILRRGSRNCNAQL\*LCRRIFLL\*YNSIIQ\*YLATQWIK\*H\*RK\*HNHDPMQNKTNCKHVAKSRKSNVCPSHQRKY\*LYIKYYRTTINKRWGC\*QREC\*RDQERDLQTSRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKNPSCGKIPKGSTAPGNLGLLWKTHLHHYCALE\*\*LE\*\*IYE\*DLG\*HDLDGVGKRN\*QLHKHNIQLN\*SIAEPARKE\*TRIIGIR\*MGKSVELV\*HNKLAVVYKNIHNNSRRLDRFKNSFYCTFYNK\*G\*AGILTIIISDPLPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2007.JF320289.-

MEPIDPSLEPWKHPGSQPKTACTACYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPENSQARQASLPKQ\*VVHVMLSLYILTIVAFVVVLIIAIVVWTIVIIEYRKIVRQRKIDSLLDRILERAEDSGNESEGDQEELSKLLEMGHLAPWNVNDR\*CCRTIVGHSLLWGTCMERSNHHSILCIRC\*SISGRST\*CLGHTCLCAHRPQPTRSGTGKCDRKI\*CMEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCCFKVQ\*YC\*\*CCY\*\*CHY\*QRYRGK\*GRRNEKLLF\*YHHKHRGKEEK\*ICTFL\*S\*YSTNR\*GY\*\*\*\*L\*VDKL\*YLSPYTGLSKDNL\*TNSHTLLCPSWFCDSQV\*\*\*DI\*WKRTMYKCQHSTVYTWN\*ASSINSIVVKWQPSRKRDSN\*I\*KFHRQC\*NHNSTAERICTN\*LYKTQQQYKKKCTYRTRASILCNRSHNRRHKTGTL\*Y\*\*RKME\*HFKAGSSKTKRTIWE\*\*NNNL\*SILRRGSRNCNAQL\*LCRRIFLLQYNSIIQ\*YLATQWIK\*H\*RK\*HNHDPMQNKTNCKHVAKSRKSNVCPSHQRKY\*LYIKYYRTTINKRWGC\*QREC\*RDQERDLQTSRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKNPSCGKIPKGSTAPGNLGLLWKTHLHHHCALE\*\*LE\*\*IYE\*DLG\*HDLDGVGKRN\*QLHKHNIQLN\*SIAEPARKE\*TRIIGIR\*MGKSVELV\*HNKLAVVYKNIHNNSRRLDRFKNSFYCTFYNK\*G\*AGILTIIISDPLPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2007.JF320291.-

MEPIDPSLEPWKHPGSQPKTACTACYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPENSQARQASLPKQ\*VVHVMLPLYILTIVAFVVVLIIAIVVWTIVIIEYRKIVRQRKIDSLLDRILERAEDSGNESEGDQEELSKLLEMGHLAPWNVNDR\*CCRTIXGHSLLWGTCMERSNHHSILCIRC\*SISGRST\*CLGHTCLCAHRPQPTRSGTGKCDRKI\*CMEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCCFKVQ\*YC\*\*CCY\*\*CHYWQRYRGK\*GGRNEKLLF\*YHHKHRGKEEK\*ICTFL\*S\*YSTNR\*GY\*\*\*\*L\*VDKL\*YLSPYTGLSKDNL\*TNSHTLLCPSWFCDSQV\*\*\*DI\*WKRTMYKCQHSTVYTWN\*ASSINSIAVKWQPSRKRDSN\*I\*KFHRQC\*NHNSTAERICTN\*LYKTQQQYKKKCTYRTRASILCNRSHNRRHKTGTL\*Y\*\*RKME\*HFKAGSSKTKRTIWE\*\*NNNL\*SILRRGSRNCNAQL\*LCRRIFLL\*YNSIIQ\*YLATQWIK\*H\*RK\*HNHDPMQNKTNCKHVAKSRKSNVCPSHQRKY\*LYIKYYRTTINKRWGC\*QREC\*RDQERDLQTSRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKNPSCGKIPKGSTAPGNLGLLWKTHLHHYCALE\*\*LE\*\*IYE\*DLG\*HDLDGVGKRN\*QLHKHNIQLN\*SIAEPARKE\*TRIIGIR\*MGKSVELV\*HNKLAVVYKNIHNNSRRLDRFKNSFYCTFYNK\*G\*AGILTIIISDPLPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2007.JF320293.-

MEPIDPSLEPWKHPGSQPKTACTACYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPENSQARQASLPKQ\*VVHVMLPLYILTIVAFVVVLIIAIVVWTIVIIEYRKIVRQRKIDSLLDRILERAEDSGNESEGDQEELSKLLEMGHLAPWNVNDR\*CCRTIVGHSLLWGTCMERSNHHSILCIRC\*SISGRST\*CLGHTCLCAHRPQPTRSGTGKCDRKI\*CMEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCCFKVQ\*YC\*\*CCY\*\*CHY\*QRYRGK\*GGRNEKLLI\*YHHKHRGKEEK\*ICTFL\*S\*YSTNR\*GY\*\*\*\*L\*VDKL\*YLSPYTGLSKDNL\*TNSHTLLCPSWFCDSQV\*\*\*DI\*WKRTMYKCQHSTVYTWN\*ASSINSIAVKWQPSRKRDSN\*I\*KFHRQC\*NHNSTAERICTN\*LYKTRQQYKKKCTYRTRASILCNRSHNRRHKTGTL\*Y\*\*RKME\*HFKAGSSKTKRTIWE\*\*NNNL\*SILRRGSRNCNAQL\*LCRRIFLL\*YNSIIQ\*YLATQWIK\*H\*RK\*HNHDPMQNKTNCKHVAKSRKSNVCPSHQRKY\*LYIKYYRTTINKRWGC\*QREC\*RDQERDLQTSRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKNPSCGKIPKGSTAPGNLGLLWKTHLHHYCALE\*\*LE\*\*IYE\*DLG\*HDLDGVGKRN\*QLHKHNIQLN\*SIAEPARKE\*TRIIGIR\*MGKSVELV\*HNKLAVVYKNIHNNSRRLDRFKNSFYCTFYNK\*G\*AGILTIIISDPLPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2007.JF320294.-

MEPIDPSLEPWKHPGSQPKTACTACYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPENSQARQASLPKQ\*VVHVMLPLYILTIVAFVVVLIIAIVVWTIVIIEYRKIVRQRKIDSLLDRILERAEDSGNESEGDQEELSKLLEMGHLAPWNVNDR\*CCRTIVGHSLLWGTCMERSNHHSILCIRC\*SISGRST\*CLGHTCLCAHRPQPTRSGTGKCDRKI\*CMEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCCFKVQ\*YC\*\*CCY\*\*CHY\*QRYRGK\*GGRNEKLLF\*YHHKHRGKEEK\*ICTFL\*S\*YSTNR\*GY\*\*\*\*L\*VDKL\*YLSPYTGLSKDNL\*TNSHTLLCPSWFCDSQV\*\*\*DI\*WKRTMYKCQHSTVYTWN\*ASSINSIAVKWQPSRKGDSN\*I\*KFHRQC\*NHNSTAERICTN\*LYKTQQQYKKKCTYRTRASILCNRSHNRRHKTGTL\*Y\*\*RKME\*HFKAGSSKTKRTIWE\*\*NNNL\*SILRRGSRNCNAQL\*LCRRIFLL\*YNSIIQ\*YLATQWIK\*H\*RK\*HNHDPMQNKTNCKHVAKGRKSNVCPSHQRKY\*LYIKYYRTTINKRWGC\*QREC\*RDQERDLQTSRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQAAPGKNPSCGKIPKGSTAPGNLGLLWKTHLHHYCALE\*\*LE\*\*IYE\*DLG\*HDLDGVGKRN\*QLHKHNIQLN\*SIAEPARKE\*TRIIGIR\*MGKSVELV\*HNKLAVVYKNIHNNSRRLDRFKNSFYCTFYNK\*G\*AGILTIIISDPLPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2006.JF320308.-

MEPVDPNLEPWEHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETYQASLSKQ\*VIYVMQSLQIIGIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*GCRRFVGYSLLWGTCVERNNNHSILCIRC\*SI\*YRGTQCLGHTRLCTHRPQPTRSSVGKCDRIF\*HMEK\*HGRTDA\*GYNQFMGSKPKAMCEINPTLR\*FKLH\*LGE\*Y\*YQQ\*CDQQ\*\*HRKHRKRRSKKLLFQYQYKHKKQGGKTTCTFL\*A\*CSTNR\*YQL\*VDKL\*HLSHYTSLPKGILRANSYTFLCPGWFCDSKM\*\*EEVQWNRTM\*KCEHSTMYTWNQASSINSTIVKWQSSRRRGSD\*I\*KFHKQC\*NHNSTAE\*NCKN\*LYKTQQQYKKKYNYRTRESILCNKHSRRYKTSIL\*R\*\*SKMGKNFKTGS\*QIKRTI\*E\*HNNL\*PILRRGLRNCTAHF\*LWRGIFLL\*YHRTV\*\*YLEQ\*N\*RVK\*H\*NYHTPMQNKTNYKHVAESRKSNVCPSHQWTN\*LFIKYYRATIDKRWW\*\*QW\*\*\*QQK\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGIRSFVPWVLVSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQTAPGKNPGYREVPKGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*NSG\*GLE\*HDLDAVG\*RNSQLHRLYIHPN\*RSTEPTRKE\*TRIIRVR\*VGKFVELV\*HIKLAVVYKDIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIQLF

>B.2006.JF320310.-

MEPVDPNLEPWEHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETYQASLSKQ\*VIYVMQSLQIIGIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*GCRRFVGYSLLWGTCVERNNNHSILCIRC\*SI\*YRGTQCLGHTRLCTHRPQPTRSSVGKCDRIF\*HMEK\*HGRTDA\*GYNQFMGSKPKAMCEINPTLR\*FKLH\*LGE\*Y\*YQQ\*CDQQ\*\*HRKHRKRRSKKLLFQYQYKHKKQGGKTTCTFL\*A\*CSTNR\*YQL\*VDKL\*HLSHYTSLPKGILRANSYTFLCPGWFCDSKM\*\*EEVQWNRTM\*KCEHSTMYTWNQASSINSTIVKWQSSRRRGSD\*I\*KFHKQC\*NHNSTAE\*NCKN\*LYKTQQQYKKKYNYRTRESILCNKHSRRYKTSIL\*R\*\*SKMGKNFKTGS\*QIKRTI\*E\*HNNL\*PILRRGLRNCTAHF\*LWRGIFLL\*YHRTV\*\*YLEQ\*N\*RVK\*H\*NYHTPMQNKTNYKHVAESRKSNVCPSHQWTN\*LSIKYYRATIDKRWW\*\*QW\*\*\*QQK\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGIRSFVPWVLVSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQTAPGKNPGYREVPKGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*NSG\*GLE\*HDLDAVG\*RNSQLHRLYIHPN\*RSTEPTRKE\*TRIIRVR\*VGKFVELV\*HIKLAVVYKDIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIQLF

>B.2006.JF320312.-

MEPVDPNLEPWEHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETYQASLSKQ\*VIYVMQSLQIIGIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*GCRRFVGYSLLWGTCVERNNNHSILCIRC\*SI\*YRGTQCLGHTRLCTHRPQPTRSSVGKCDRIF\*HMEK\*HGRTDA\*GYNQFMGSKPKAMCEINPTLR\*FKLH\*LGE\*Y\*YQQ\*CDQQ\*\*HRKHRKRRSKKLLFQYQYKHKKQGGKTTCTFL\*A\*CSTNR\*YQL\*VDKL\*HLSHYTSLPKGILRANSYTFLCPGWFCDSKM\*\*EEVQWNRTM\*KCEHSTMYTWNQASSINSTIVKWQSSRRRGSD\*I\*KFHKQC\*NHNSTAE\*NCKN\*LYKTQQQYKKKYNYRTRESILCNKHSRRYKTSIL\*R\*\*SKMGKNFKTGS\*QIKRTI\*E\*HNNL\*PILRRGLRNCTAHF\*LWRGIFLL\*YHRTV\*\*YLEQ\*N\*RVK\*H\*NYHTPMQNKTNYKHVAESRKSNVCPSHQWTN\*LFIKYYRATIDKRWW\*\*QW\*\*\*QQK\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGIRSFVPWVLVSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQTAPGKNPGYREVPKGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*NSG\*GLE\*HDLDAVG\*RNSQLHRLYIHPN\*RSTEPTRKE\*TRIIRVR\*VGKFVELV\*HIKLAVVYKDIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIQLF

>B.2006.JF320313.-

MEPVDPNLEPWEHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETYQASLSKQ\*VIYVMQSLQIIGIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*GCRRFVGYSLLWGTCVERNNNHSILCIRC\*SI\*YRGTQCLGHTRLCTHRPQPTRSSVGKCDRIF\*HMEK\*HGRTDA\*GYNQFMGSKPKAMCEINPTLR\*FKLH\*LGE\*Y\*YQQ\*CDQQ\*\*HRKHRKRRSKKLLFQYQYKHKKQGGKTTCTFL\*A\*CSTNR\*YQL\*VDKL\*HLSHYTSLPKGILRANSYTFLCPGWFCDSKM\*\*EEVQWNRTM\*KCEHSTMYTWNQASSINSTIVKWQSSRRRGSD\*I\*KFHKQC\*NHNSTAE\*NCKN\*LYKTQQQYKKKYNYRTRESILCNKHSRRYKTSIL\*R\*\*SKMGKNFKTGS\*QIKRTI\*E\*HNNL\*PILRRGLRNCTAHF\*LWRGIFLL\*YHRTV\*\*YLEQ\*N\*RVK\*H\*NYHTPMQNKTNYKHVAESRKSNVCPSHQWTN\*LFIKYYRATIDKRWW\*\*QW\*\*\*QQK\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGIRSFVPWVLVSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQTAPGKNPGYREVPKGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*NSG\*GLE\*HDLGAVG\*RNSQLHRLYIHPN\*RSTEPTRKE\*TRIIRVR\*VGKFVELV\*HIKLAVVYKDIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIQLF

>B.2006.JF320314.-

MEPVDPNLEPWEHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETYQASLSKQ\*VIYVMQSLQIIGIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*GCRRFVGYSLLWGTCVERNNNHSILCIRC\*SI\*YRGTQCLGHTRLCTHRPQPTRSSVGKCDRIF\*HMEK\*HGRTDA\*GYNQFMGSKPKAMCEINPTLR\*FKLH\*LGE\*Y\*YQQ\*CDQQ\*\*HRKHRKRRSKKLLFQYQYKHKKQGGKTTCTFL\*A\*CSTNR\*YQL\*VDKL\*HLSHYTSLPKGILRANSYTFLCPGWFCDSKM\*\*EEVQWNRTM\*KCEHSTMYTWNQASSINSTIVKWQSSRRRGSD\*I\*KFHKQC\*NHNSTAE\*NCKN\*LYKTQQQYKKKYNYRTRESILCNKHSRRYKTSIL\*R\*\*SKMGKNFKTGS\*QIKRTI\*E\*HNNL\*PILRRGLRNCTAHF\*LWRGIFLL\*YHRTV\*\*YLEQ\*N\*RVK\*H\*NYHTPMQNKTNYKHVAERRKSNVCPSHQWTN\*LFIKYYRATIDKRWW\*\*QW\*\*\*QQK\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGIRSFVPWVLVSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQTAPGKNPGYREVPKGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*NSG\*GLE\*HDLDAVG\*RNSQLHRLYIHPN\*RSTEPTRKE\*TRIIRVR\*VGKFVELV\*HIKLAVVYKDIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIQLF

>B.2007.JF320315.-

MDPIDPSLEPWQHPGSQPKTACTNCFCKRCCFHCLKCFTTKGLGISYGRKKRRQRRRAPQGSKTHQASVSNQ\*VIYVMQPLNILVIVAFVAVGIIAIVVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*C\*LVGHSLLWGTSVERSKYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSFGKCDRKFQRVEK\*YGRTDA\*GYNQLMGSKSKALCKINPIMYHFKLH\*\*AESE\*CYWGRR\*AESK\*CY\*RNKKLLFQCHHKHKR\*GAERICTFL\*A\*YSINR\*\*\*E\*\*Y\*LY\*L\*DDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EIQWIRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSSRRSCN\*I\*KFHKQC\*KHISAAERLCKN\*LYKTRQ\*YKKRYTYRTRESILCNRRYNRGYKTSTL\*H\*\*SKME\*HFKTDS\*KIKRTIWE\*NNNLYSTCRRGPRDCNTQL\*L\*RGIFLL\*YIKTV\*\*YLE\*\*YLDLE\*DSRK\*H\*RK\*HNYTTMQNKTNCKHVAGSRKSNVCPSH\*WTN\*LFIKYYRANISKRWW\*\*DIQERDLQTYRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRGVSDADGTSQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKAHLHHCCALEC\*LE\*\*IL\*SDLGQHDLDGVGKRNCQLHRGNIQLN\*KIAKPTRKE\*TRTIGTR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRVKNSFYCTFYSE\*S\*EGILTIIVSDPPPSSRGTRQARRNRRRRWRQRQIQIQSI

>B.2007.JF320317.-

MDPIDPSLEPWQHPGSQPKTACTNCFCKRCCFHCLKCFTTKGLGISYGRKKRRQRRRAPQGSKTHQASVSNQ\*VIYVMQPLNILVIVAFVAVGIIAIVVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*C\*LVGHSLLWGTSVERSKYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSFGKCDRKFQRVEK\*YGRTDA\*GYNQLMGSKSKALCKINPIMYHFKLH\*\*AESE\*CYWGRR\*AESK\*CY\*RNKKLLFQCHHKHKR\*GAERICTFL\*A\*YSINR\*\*\*E\*\*Y\*LY\*L\*DDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EIQWIRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSSRRSCN\*I\*KFHKQC\*KHISAAERLCKN\*LYKTRQ\*YKKRYTYRTRESILCNRRYNRGYKTSTL\*H\*\*SKME\*HFKTDS\*KIKRTIWE\*NNNLYSTCRRGPRDCNTQL\*L\*RGIFLL\*YIKTV\*\*YLE\*\*YLDLE\*DSRK\*H\*RK\*HNYTTMQNKTNCKHVAGSRKSNVCPSH\*WTN\*LFIKYYRANISKRWW\*\*DIQERDLQTYRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRGVSDADGTSQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKAHLHHCCALEC\*LE\*\*IL\*SDLGQHDLDGVGKRNCQLHRGNMQLN\*KIAKPTRKE\*TRTIGTR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRVKNSFYCTFYSE\*S\*EGILTIIVSDPPPSSRGTRQARRNRRRRWRQRQIQIQSI

>B.2007.JF320318.-

MDPIDPSLEPWQHPGSQPKTACTNCFCKRCCFHCLKCFTTKGLGISYGRKKRRQRRRAPQGSKTHQASVSNQ\*VIYVMQPLNILVIVAFVAVGIIAIVVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*C\*LVGHSLLWGTSVERSKYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSFGKCDRKFQRVEK\*YGRTDA\*GYNQLMGSKSKALCKINPIMYHFKLH\*\*AESE\*CYWGRR\*AESK\*CY\*RNKKLLFQCHHKHKR\*GAERICTFL\*A\*YSINR\*\*\*E\*\*Y\*LY\*L\*DDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EIQWIRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSSRRSCN\*I\*KFHKQC\*KHISAAERLCKN\*LYKTRQ\*YKKRYTYRTRESILCNRRYNRGYKASTL\*H\*\*SKME\*HFKTDS\*KIKRTIWE\*NNNLYSTCRRGPRDCNTQL\*L\*RGIFLL\*YIKTV\*\*YLE\*\*YLDLE\*DSRK\*H\*RK\*HNYTTMQNKTNCKHVAGSRKSNVCPSH\*WTN\*LFIKYYRANISKRWW\*\*DIQERDLQTYRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRGVSDADGTSQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKAHLHHCCALEC\*LE\*\*IL\*SDLGQHDLDGVGKRNCQLHRGNIQLN\*KIAKPTRKE\*TRTIGTR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRVKNSFYCTFYSE\*S\*EGILTIIVSDPPPSSRGTRQARRNRRRRWRQRQIQIQSI

>B.2007.JF320320.-

MDPIDPSLEPWQHPGSQPKTACTNCFCKRCCFHCLKCFTTKGLGISYGRKKRRQRRRAPQGSKTHQASVSNQ\*VIYVMQPLNILVIVAFVAVGIIAIVVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*C\*LVGHSLLWGTSVERSKYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSFGKCDRKFQRVEK\*YGRTDA\*GYNQLMGSKSKALCKINPIMYHFKLH\*\*AESE\*CYWGRR\*AESK\*CY\*RNKKLLFQCHHKHKR\*GAERICTFL\*A\*YSINR\*\*\*E\*\*Y\*LY\*L\*DDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EIQWIRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSSRRSCN\*I\*KFHKQC\*KHISAAERLCKN\*LYKTRQ\*YKKRYTYRTRESILCNRRYNRGYKTSTL\*H\*\*SKME\*HFKTDS\*KIKRTIWE\*NNNLYSTCRRGPRDCNTQL\*L\*RGIFLL\*YIKTV\*\*YLE\*\*YLDLE\*DSRK\*H\*RK\*HNYTTMQNKTNCKHVAGSRKSNVCPSH\*WTN\*LFIKYYRANISKRWW\*\*DIQERDLQTYRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRGVSDADGTSQTIIVWYSATAEQSAESY\*GATASAATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKAHLHHCCALEC\*LE\*\*IL\*SDLGQHDLDGVGKRNCQLHRGNIQLN\*KIAKPTRKE\*TRTIGTR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRVKNSFYCTFYSE\*S\*EGILTIIVSDPPPSSRGTRQARRNRRRRWRQRQIQIQSI

>B.2007.JF320323.-

MDPIDPSLEPWQHPGSQPKTACTNCFCKRCCFHCLKCFTTKGLGISYGRKKRRQRRRAPQGSKTHQASVSNQ\*VIYVMQPLNILVIVAFVAVGIIAIVVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*C\*LVGHSLLWGTSVERSKYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSFGKCDRKFQRVEK\*YGRTDA\*GYNQLMGSKSKALCKINPIMYHFKLH\*\*AESE\*CYWGRR\*AESK\*CY\*RNKKLLFQCHHKHKR\*GAERICTFL\*A\*YSINR\*\*\*E\*\*Y\*LY\*L\*DDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EIQWIRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSSRRSCN\*I\*KFHKQC\*KHISAAERLCKN\*LYKTRQ\*YKKRYTYRTRESILCNRRYNRGYKTSTL\*H\*\*SKME\*HFKTDS\*KIKRTIWE\*NNNLYSTCRRGPRDCNTQL\*L\*RGIFLL\*YIKTV\*\*YLE\*\*YLDLE\*DSRK\*H\*RK\*HNYTTMQNKTNCKHVAGSRKSNVCPSH\*WTN\*LFIKYYRANISKRWW\*\*DIQERDLQTYRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRGVSDADGTSQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKAHLHHCCALEC\*LE\*\*IL\*SDLGQHDLDGVGKRNCQLHRGNIQLN\*KIAKPTRKE\*TRTIGTR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRVKNSFYCTFYSE\*S\*EGILTIIVSDPPPSSRGTRQARRNRRRRWRQRQIQIQSI

>B.2007.JF320324.-

MDPIDPSLEPWQHPGSQPKTACTNCFCKRCCFHCLKCFTTKGLGISYGRKKRRQRRRAPQGSKTHQASVSNQ\*VIYVMQPLNILVIVAFVAVGIIAIVVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*C\*LVGHSLLWGTSVERSKYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSFGKCDRKFQRVEK\*YGRTDA\*GYNQLMGSKSKALCKINPIMYHFKLH\*\*AESE\*CYWGRR\*AESK\*CY\*RNKKLLFQCHHKHKR\*GAERICTFL\*A\*YSINR\*\*\*E\*\*Y\*LY\*L\*DDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EIQWIRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSSRRSCN\*I\*KFHKQC\*KHISAAERLCKN\*LYKTRQ\*YKKRYTYRTRESILCNRRYNRGYKTSTL\*H\*\*SKME\*HFKTDS\*KIKRTIWE\*NNNLYSTCRRGPRDCNTQL\*L\*RGIFLL\*YIKTV\*\*YLE\*\*YLDLE\*DSRK\*H\*RK\*HNYTTMQNKTNCKHVAGSRKSNVCPSH\*WTN\*LFIKYYRANISKRWW\*\*DIQERDLQTYRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRGVSDADGTSQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKAHLHHCCALEC\*LE\*\*IL\*SDLGQHDLDGVGKRNCQLHRGNIQLN\*KIAKPTRKE\*TRTIGTR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRVKNSFYCTFYSE\*S\*EGILTIIVSDPPPSSRGTRQARRNRRRRWRQRQIQIQSI

>B.2007.JF320325.-

MDPIDPSLEPWQHPGSQPKTACTNCFCKRCCFHCLKCFTTKGLGISYGRKKRRQRRRAPQGSKTHQASVSNQ\*VIYVMQPLNILVIVAFVAVGIIAIVVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*C\*LVGHSLLWGTSVERSKYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSFGKCDRKFQRVEK\*YGRTDA\*GYNQLMGSKSKALCKINPIMYHFKLH\*\*AESE\*CYWGRR\*AESK\*CY\*RNKKLLFQCHHKHKR\*GAERICTFL\*A\*YSINR\*\*\*E\*\*Y\*LY\*L\*DDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EIQWIRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSSRRSCN\*I\*KFHKQC\*KHISAAERLCKN\*LYKTRQ\*YKKRYTYRTRESILCNRRYNRGYKTSTL\*H\*\*SKME\*HFKTDS\*KIKRTIWE\*NNNLYSTCRRGPRDCNTQL\*L\*RGIFLL\*YIKTV\*\*YLE\*\*YLDLE\*DSRK\*H\*RK\*HNYTTMQNKTNCKHVAGSRKSNVCPSH\*WTN\*LFIKYYRANISKRWW\*\*DIQERDLQTYRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRGVSDADGTSQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKAHLHHCCALEC\*LE\*\*IL\*SDLGQHDLDGVGKRNCQLHRGNIQLN\*KIAKPTRKE\*TRTIGTR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRVKNSFYCTFYSE\*S\*EGILTIIVSDPPPSSRGTRQARRNRRRRWRQRQIQIQSI

>B.2007.JF320327.-

MDPIDPSLEPWQHPGSQPKTACTNCFCKRCCFHCLKCFTTKGLGISYGRKKRRQRRRAPQGSKTHQASVSNQ\*VIYVMQPLNILVIVAFVAVGIIAIVVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*C\*LVGHSLLWGTSVERSKYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSFGKCDRKFQRVEK\*YGRTDA\*GYNQLMGSKSKALCKINPIMYHFKLH\*\*AESE\*CYWGRR\*AESK\*CY\*RNKKLLFQCHHKHKR\*GAERICTFL\*A\*YSINR\*\*\*E\*\*Y\*LY\*L\*DDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EIQWIRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSSRRSCN\*I\*KFHKQC\*KHISAAERLCKN\*LYKTRQ\*YKKRYTYRTRESILCNRRYNRGYKTSTL\*H\*\*SKME\*HFKTDS\*KIKRTIWE\*NNNLYSTCRRGPRDCNTQL\*L\*RGIFLL\*YIKTV\*\*YLE\*\*YLDLE\*DSRK\*H\*RK\*HNYTTMQNKTNCKHVAGSRKSNVCPSH\*WTN\*LFIKYYRANISKRWW\*\*DIQERDLQTYRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRGVSDADGTSQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKAHLHHCCALEC\*LE\*\*IL\*SDLGQHDLDGVGKRNCQLHRGNIQLN\*KIAKPTRKE\*TRTIGTR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRVKNSFYCTFYSE\*S\*EGILTIIVSDPPPSSRGTRQARRNRRRRWRQRQIQIQSI

>B.2007.JF320328.-

MDPIDPSLEPWQHPGSQPKTACTNCFCKRCCFHCLKCFTTKGLGISYGRKKRRQRRRAPQGSKTHQASVSNQ\*VIYVMQPLNILVIVAFVAVGIIAIVVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*C\*LVGHSLLWGTSVERSKYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSFGKCDRKFQRVEK\*YGRTDA\*GYNQLMGSKSKALCKINPIMYHFKLH\*\*AESE\*CYWGRR\*AESK\*CY\*RNKKLLFQCHHKHKR\*GAERICTFL\*A\*YSINR\*\*\*E\*\*Y\*LY\*L\*DDKL\*HLSHYTGPSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EIQWIRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSSRRSCN\*I\*KFHKQC\*KHISAAERLCKN\*LYKTWQ\*YKKRYTYRTRESILCNRRYNRGYKTSTL\*H\*\*SKME\*HFKTDS\*KIKRTIWE\*NNNLYSTCRRGPRDCNTQL\*L\*RGIFLL\*YIKTV\*\*YLE\*\*YLDLE\*DSRK\*H\*RK\*HNYTTMQNKTNCKHVAGSRKSNVCPSH\*WTN\*LFIKYYRANISKRWW\*\*DIQERDLQTYRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRGVSDADGTSQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKAHLHHCCALEC\*LE\*\*IL\*SDLGQHDLDGVGKRNCQLHRGNIQLN\*KIAKPTRKE\*TRTIGTR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRVKNSFYCTFYSE\*S\*EGILTIIVSDPPPSSRGTRQARRNRRRRWRQRQIQIQSI

>B.2006.JF320329.-

MDPVDPRLEPWKHPGSQPQTACTPCYCKRCSFHCQVCFITKGLGISYGRKKRRQRRRSPPDSETHQASLSKQ\*VVHVMQPLEISAIVALVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CYRQIVGHSLLWGTGVERSKHHSILCIRC\*SI\*DREA\*CLGHTCLCTHRS\*PTRSSIGKCDRTF\*CMEK\*HGRTNA\*GHN\*FMGSKSKAMCKTNSTLCYFKLH\*CKYY\*YH\*YY\*L\*\*\*LERRKHDRRNKKLLFQYHHKHKR\*DTETTCTFL\*A\*CSTNR\*\*\*\*\*L\*VDKL\*HLSPYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*\*QDVQWKRTMYKCQHSTMHTWD\*ASGIHSIAVKWQPSRRKGNY\*I\*EFHE\*C\*NHNSTAEKICKYYLCKTQQQYKKRYTYRTRESILCNRRNNRKYKTSTL\*P\*\*KSME\*HFK\*GS\*KIKRTIWE\*NNKV\*SILRRGPRNCNVHF\*LWRGIFLL\*HNTIV\*QYLGA\*\*YLGK\*YCY\*RIR\*HHNHTPMQNKANYKHVAGSRKSNVCPSYQRTN\*MFIRYYRAAINKRWWY\*\*\*D\*WH\*DLQTSRRKYEGQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNGSYVHWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGPTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*YLG\*HDLDGVG\*RN\*QLHTLNIHPN\*RIAEPTRKK\*TRIIGIR\*MGKFVELV\*HIKLAVVYKAIHNDSRRLDRFKNFLYCNLFSK\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2006.JF320331.-

MDPVDPRLEPWKHPGSQPQTACTPCYCKRCSFHCQVCFITKGLGISYGRKKRRQRRRSPPDSETHQASLSKQ\*VVHVMQPLEISAIVALVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CYRQIVGHSLLWGTGVERSKHHSILCIRC\*SI\*DREA\*CLGHTCLCTHRS\*PTRSSIGKCDRTF\*CMEK\*HGRTNA\*GHN\*FMGSKSKAMCKTNSTLCYFKLH\*CKYY\*YH\*YY\*L\*\*\*LERRKHDRRNKKLLFQYHHKHKR\*DTETTCTFL\*A\*CSTNR\*\*\*\*\*L\*VDKL\*HLSPYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*\*QDVQWKRTMYKCQHSTMHTWD\*ASGIHSIAVKWQPSRRKGNY\*I\*EFHE\*C\*NHNSTAEKICKYYLCKTQQQYKKRYTYRTRESILCNRRNNRKYKTSTL\*P\*\*KSME\*HFK\*GS\*KIKRTIWE\*NNKV\*SILRRGPRNCNVHL\*LWRGIFLL\*HNTIV\*QYLGA\*\*YLGK\*YCY\*RIR\*HHNHTPMQNKANYKHVAGSRKSNVCPSYQRTN\*MFIRYYRAAINKRWWY\*\*\*D\*WH\*DLQTSRRKYEGQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNGSYVHWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGPTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*YLG\*HDLDGVG\*RN\*QLHTLNIHPN\*RIAEPTRKK\*TRIIGIR\*MGKFVELV\*HIKLAVVYKAIHNDSRRLDRFKNFLYCNLFSK\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2006.JF320332.-

MDPVDPRLEPWKHPGSQPQTACTPCYCKRCSFHCQVCFITKGLGISYGRKKRRQRRRSPPDSETHQASLSKQ\*VVHVMQPLEISAIVALVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CYRQIVGHSLLWGTGVERSKHHSILCIRC\*SI\*DREA\*CLGHTCLCTHRS\*PTRSSIGKCDRTF\*CMEK\*HGRTNA\*GHN\*FMGSKSKAMCKTNSTLCYFKLH\*CKYY\*YH\*YY\*L\*\*\*LERRKHDRRNKKLLFQYHHKHKR\*DTETTCTFL\*A\*CSTNR\*\*\*\*\*L\*VDKL\*HLSPYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*\*QDVQWKRTMYKCQHSTMHTWD\*ASGIHSIAVKWQPSRRKGNY\*I\*EFHE\*C\*NHNSTAEKICKYYLCKTQQQYKKRYTYRTRESILCNRRNNRKYKTSTL\*P\*\*KSME\*HFK\*GS\*KIKRTIWE\*NNKV\*SILRRGPRNCNVHF\*LWRGIFLL\*HNTIV\*QYLGA\*\*YLGK\*YCY\*RIR\*HHNHTPMQNKANYKHVAGSRKSNVCPSYQRTN\*MFIRYYRAAINKRWWY\*\*\*D\*WH\*DLQTSRRKYEGQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNGSYVHWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGPTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*YLG\*HDLDGVG\*RN\*QLHTLNIHPN\*RIAEPTRKK\*TRIIGIR\*MGKFVELV\*HIKLAVVYKAIHNDSRRLDRFKNFLYCNLFSK\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2006.JF320333.-

MDPVDPRLEPWKHPGSQPQTACTPCYCKRCSFHCQVCFITKGLGISYGRKKRRQRRRSPPDSETHQASLSKQ\*VVHVMQPLEISAIVALVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CYRQIVGHSLLWGTGVERSKHHSILCIRC\*SI\*DREA\*CLGHTCLCTHRS\*PTRSSIGKCDRTF\*CMGK\*HGRTNA\*GHN\*FMGSKSKAMCKTNSTLCYFKLH\*CKYY\*YH\*YY\*L\*\*\*LERRKHDRRNKKLLFQYHHKHKR\*DTETTCTFL\*A\*CSTNR\*\*\*\*\*L\*VDKL\*HLSPYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*\*QDVQWKRTMYKCQHSTMHTWD\*ASGIHSIAVKWQPSRRKGNY\*I\*EFHE\*C\*NHNSTAEKICKYYLCKTQQQYKKRYTYRTRESILCNRRNNRKYKTSTL\*P\*\*KSME\*HFK\*GS\*KIKRTIWE\*NNKV\*SILRRGPRNCNVHF\*LWRGIFLL\*HNTIV\*QYLGA\*\*YLGK\*YCY\*RIR\*HHNHTPMQNKANYKHVAGSRKSNVCPSYQRTN\*MFIRYYRAAINKRWWY\*\*\*D\*WH\*DLQTSRRKYEGQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNGSYVHWVLGSSRKHYGRSINNADGTGHTIVVWYSATAEQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGPTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*YLG\*HDLDGVG\*RN\*QLHTLNIHPN\*RIAEPTRKK\*TRIIGIR\*MGKFVELV\*HIKLAVVYKAIHNDSRRLDRFKNFLYCNLFSK\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2006.JF320336.-

MDPVDPRLEPWKHPGSQPQTACTPCYCKRCSFHCQVCFITKGLGISYGRKKRRQRRRSPPDSETHQASLSKQ\*VVHVMQPLEISAIVALVVAIILAIIVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CYRQIVGHSLLWGTGVERSKHHSILCIRC\*SI\*DREA\*CLGHTCLCTHRS\*PTRSSIGKCDRTF\*CMEK\*HGRTNA\*GHN\*FMGSKSKAMCKTNSTLCYFKLH\*CKYY\*YH\*YY\*L\*\*\*LERRKHDRRNKKLLFQYHHKHKR\*DTETTCTFL\*A\*CSTNR\*\*\*\*\*L\*VDKL\*HLSPYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*\*QDVQWKRTMYKCQHSTMHTWD\*ASGIHSIAVKWQPSRRKGNY\*I\*EFHE\*C\*NHNSTAEKICKYYLCKTQQQYKKRYTYRTRESILCNRRNNRKYKTSTL\*P\*\*KSME\*HFK\*GS\*KIKRTIWE\*NNKV\*SILRRGPRNCNVHF\*LWRGIFLL\*HNTIV\*QYLGA\*\*YLGK\*YCY\*RIR\*HHNHTPMQNKANYKHVAGSRKSNVCPSYQRTN\*MFIRYYRAAINKRWWY\*\*\*D\*WH\*DLQTSRRKYEGQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNGSYVHWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGPTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*YLG\*HDLDGVG\*RN\*QLHTLNIHPN\*RIAEPTRKK\*TRIIGIR\*MGKFVELV\*HIKLAVVYKAIHNDSRRLDRFKNFLYCNLFSK\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2006.JF320337.-

MDPVDPRLEPWKHPGSQPQTACTPCYCKRCSFHCQVCFITKGLGISYGRKKRRQRRRSPPDSETHQASLSKQ\*VVHVMQPLEISAIVALVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CYRQIVGHSLLWGTGVERSKHHSILCIRC\*SI\*DREA\*CLGHTCLCTHRS\*PTRSSIGKCDRTF\*CMEK\*HGRTNA\*GHN\*FMGSKSKAMCKTNSTLCYFKLH\*CKYY\*YH\*YY\*L\*\*\*LERRKHDRRNKKLLFQYHHKHKR\*DTETTCTFL\*A\*CSTNR\*\*\*\*\*L\*VDKL\*HLSPYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*\*QDVQWKRTMYKCQHSTMHTWD\*ASGIHSIAVKWQPSRRKGNY\*I\*EFHE\*C\*NHNSTAEKICKYYLCKTQQQYKKRYTYRTRESILCNRRNNRKYKTSTL\*P\*\*KSME\*HFK\*GS\*KIKRTIWE\*NNKV\*SILRRGPRNCNVHF\*LWRGIFLL\*HNTIV\*QYLGA\*\*YLGK\*YCY\*RIR\*HHNHTPMQNKANYKHVAGSRKSNVCPSYQRTN\*MFIRYYRAAINKRWWY\*\*\*D\*WH\*DLQTSRRKYEGQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNGSYVHWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGPTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*YLG\*HDLDGVG\*RN\*QLHTLNIHPN\*RIAEPTRKK\*TRIIGIR\*MGKFVELV\*HIKLAVVYKAIHNDSRRLDRFKNFLYCNLFSK\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2006.JF320339.-

MDPVDPRLEPWKHPGSQPQTACTPCYCKRCSFHCQVCFITKGLGISYGRKKRRQRRRSPPDSETHQASLSKQ\*VVHVMQPLEISAIVALVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CYRQIVGHSLLWGTGVERSKHHSILCIRC\*SI\*DREA\*CLGHTCLCTHRS\*PTRSSIGKCDRTF\*CMEK\*HGRTNA\*GHN\*FMGSKSKAMCKTNSTLCYFKLH\*CKYY\*YH\*YY\*L\*\*\*LERRKHDRRNKKLLFQYHHKHKR\*DTETTCTFL\*A\*CSTNR\*\*\*\*\*L\*VDKL\*HLSPYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*\*QDVQWKRTMYKCQHSTMHTWD\*ASGIHSIAVKWQPSRRKGNY\*I\*EFHE\*C\*NHNSTAEKICKYYLCKTQQQYKKRYTYRTRESILCNRRNNRKYKTSTL\*P\*\*KSME\*HFK\*GS\*KIKRTIWE\*NNKV\*SILRRGPRNCNVHF\*LWRGIFLL\*HNTIV\*QYLGA\*\*YLGK\*YCY\*RIR\*HHNHTPMQNKANYKHVAGSRKSNVCPSYQRTN\*MFIRYYRAAINKRWWY\*\*\*D\*WH\*DLQTSRRKYEGQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNGSYVHWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGPTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*YLG\*HDLDGVG\*RN\*QLHTLNIHPN\*RIAEPTRKK\*TRIIGIR\*MGKFVELV\*HIKLAVVYKAIHNDSRRLDRFKNFLYCNLFSK\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2006.JF320340.-

MDPVDPRLEPWKHPGSQPQTACTPCYCKRCSFHCQVCFITKGLGISYGRKKRRQRRRSPPDSETHQASLSKQ\*VVHVMQPLEISAIVALVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CYRQIVGHSLLWGTGVERSKHHSILCIRC\*SI\*DREA\*CLGHTCLCTHRS\*PTRSSIGKCDRTF\*CMEK\*HGRTNA\*GHN\*FMGSKSKAMCKTNSTLCYFKLH\*CKYY\*YH\*YY\*L\*\*\*LERRKHDRRNKKLLFQYHHKHKR\*DTETTCTFL\*A\*CSTNR\*\*\*\*\*L\*VDKL\*HLSPYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*\*QDVQWKRTMYKCQHSTMHTWD\*ASGIHSIAVKWQPSRRKGNY\*I\*EFHE\*C\*NHNSTAEKICKYYLCKTQQQYKKRYTYRTRESILCNRRNNRKYKTSTL\*P\*\*KSME\*HFK\*GS\*KIKRTIWE\*NNKV\*SILRRGPRNCNVHF\*LWRGIFLL\*HNTIV\*QYLGA\*\*YLGK\*YCY\*RIR\*HHNHTPMQNKANYKHVAGSRKSNVCPSYQRTN\*MFIRYYRAAINKRWWY\*\*\*D\*WH\*DLQTSRRKYEGQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNGSYVHWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGPTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*YLG\*HDLDGVG\*RN\*QLHTLNIHPN\*RIAEPTRKK\*TRIIGIR\*MGKFVELV\*HIKLAVVYKAIHNDSRRLDRFKNFLYCNLFSK\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2006.JF320342.-

MDPVDPRLEPWKHPGSQPQTACTPCYCKRCSFHCQVCFITKGLGISYGRKKRRQRRRSPPDSETHQASLSKQ\*VVHVMQPLEISAIVALVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CYRQIVGHSLLWGTGVERSKHHSILCIRC\*SI\*DREA\*CLGHTCLCTHRS\*PTRSSIGKCDRTF\*CMEK\*HGRTNA\*GHN\*FMGSKSKAMCKTNSTLCYFKLH\*CKYY\*YH\*YY\*L\*\*\*LERRKHDRRNKKLLFQYHHKHKR\*DTETTCTFL\*A\*CSTNR\*\*\*\*\*L\*VDKL\*HLSPYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*\*QDVQWKRTMYKCQHSTMHTWD\*ASGIHSIAVKWQPSRRKGNY\*I\*EFHE\*C\*NHNSTAEKICKYYLCKTQQQYKKRYTYRTRESILCNRRNNRKYKTSTL\*P\*\*KSME\*HFK\*GS\*KIKRTIWE\*NNKV\*SILRRGPRNCNVHF\*LWRGIFLL\*HNTIV\*QYLGA\*\*YLGK\*YCY\*RIR\*HHNHTPMQNKANYKHVAGSRKSNVCPSYQRTN\*MFIRYYRAAINKRWWY\*\*\*D\*WH\*DLQTSRRKYEGQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNGSYVHWVLGSSRKHYGRSINNADGTGQTLVVWYSATAEQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGPTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*YLG\*HDLDGVG\*RN\*QLHTLNIHPN\*RIAEPTRKK\*TRIIGIR\*MGKFVELV\*HIKLAVVYKAIHNDSRRLDRFKNFLYCNLFSK\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2006.JF320348.-

MDPVDPRLEPWKHPGSQPQTACTPCYCKRCSFHCQVCFITKGLGISYGRKKRRQRRRSPPDSETHQASLSKQ\*VVHVMQPLEISAIVALVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CYRQIVGHSLLWGTGVERSKHHSILCIRC\*SI\*DREA\*CLGHTCLCTHRS\*PTRSSIGKCDRTF\*CMEK\*HGRTNA\*GHN\*FMGSKSKAMCKTNSTLCYFKLH\*CKYY\*YH\*YY\*L\*\*\*LERRKHDRRNKKLLFQYHHKHKR\*DTETTCTFL\*A\*CSTNR\*\*\*\*\*L\*IDKL\*HLSPYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*\*QDVQWERTMYKCQHSTMHTWD\*ASGIHSIAVKWQPSRRKGNY\*I\*EFHE\*C\*NHNSTAEKICKYYLCKTQQQYKKRYTYRTRESILCNRRNNRKYKTSTL\*P\*\*KSME\*HFK\*GS\*KIKRTIWE\*NNKV\*SILRRGPRNCNVHF\*LWRGIFLL\*HNTIV\*QYLGA\*\*YLGK\*YCY\*RIR\*HHNHTPMQNKANYKHVAGSRKSNVCPSYQRTN\*MFIRYYRAAINKRWWY\*\*\*D\*WH\*DLQTSRRKYEGQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNGSYVHWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGPTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*YLG\*HDLDGVG\*RN\*QLHTLNIHPN\*RIAEPTRKK\*TRIIGIR\*MGKFVELV\*HIKLAVVYKAIHNDSRRLDRFKNFLYCNLFSK\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2006.JF320350.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRAPQDSQTHQVPLPEQ\*VVHVMSLYILTIVAFVVVAILAIVVWTIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*GFRKSVGYSLLWGTCVERSNHHSVLCI\*C\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRPNA\*GYNQFMGSKSKTMCKINPTLCHSKLH\*LCGECYHNQCHYPYPYRQGRNKKLLFQYHHKYKR\*DAERICTIL\*T\*CSTNR\*W\*\*\*\*\*Y\*I\*VDKL\*HLSHYTGLSKAIL\*ANSHTLLCPGWFCDFKV\*\*KKVQWNRIM\*KCQHSTMYTWN\*ASSIHSTAVEWQSSRRRGSNKI\*EFLRQC\*NHNSTAE\*ICSY\*LYKTQQQYKKRYTYRTRGGILCNRRYNRGYKASTL\*P\*\*STME\*NFRTGSYKIKRTI\*\*NSNSL\*\*ILRRGPRNCNA\*F\*LWRGIFLL\*YNSAV\*SYLE\*Y\*\*YLEWY\*DHNTSMQNKTNYKHVARSRKSNVCPSHQRTD\*LLVKYYRAAINKRWW\*HHKHHRDLQTWRGKYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEESGAERKKSSNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKNHLHHCCALE\*YLE\*\*KSEPDLG\*HDLDGVGERN\*\*LHRSNICLA\*KIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTIVVADPPPSSEGTRQARRNRRRRWRARQRQIRSI

>B.2006.JF320351.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRAPQDSQTHQVPLPEQ\*VVHVMSLYILTIVAFVVVAILAIVVWTIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*GFRKSVGYSLLWGTCVERSNHHSVLCI\*C\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRPNA\*GYNQFMGSKSKTMCKINPTLCHSKLH\*LCGECYHNQCHYPYPYRQGRNKKLLFQYHHKYKR\*DAERICTIL\*T\*CSTNR\*W\*\*\*\*\*Y\*I\*VDKL\*HLSHYTGLSKAIL\*ANSHTLLCPGWFCDFKV\*\*KKVQWNRIM\*KCQHSTMYTWN\*ASSIHSTAVEWQSSRRRGSNKI\*EFLRQC\*NHNSTAE\*ICSY\*LYKTQQQYKKRYTYRTRGGILCNRRYNRGYKASTL\*P\*\*STME\*NFRTGSYKIKRTI\*\*NSNSL\*\*ILRRGPRNCNA\*F\*LWRGIFLL\*YNSAV\*SYLE\*Y\*\*YLEWY\*DHNTSMQNKTNYKHVARSRKSNVCPSHQRTD\*LLVKYYRAAINKRWW\*HHKHHRDLQTWRGKYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEESGAERKKSSNRSFVPWVLGSSRKHYGHSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKNHLHHCCALE\*YLE\*\*KSEPDLG\*HDLDGVGERN\*\*LHRSNICLA\*KIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTIVVADPPPSSEGTRQARRNRRRRWRARQRQIRSI

>B.2006.JF320353.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRAPQDSQTHQVPLPEQ\*VVHVMSLYILTIVAFVVVAILAIVVWTIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*GFRKSVGYSLLWGTCVERSNHHSVLCI\*C\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRPNA\*GYNQFMGSKSKTMCKINPTLCHSKLH\*LCGECYHNQCHYPYPYRQGRNKKLLFQYHHKYKR\*DAERICTIL\*T\*CSTNR\*W\*\*\*\*\*Y\*I\*VDKL\*HLSHYTGLSKAIL\*ANSHTLLCPGWFCDFKV\*\*KKVQWNRIM\*KCQHSTMYTWN\*ASSIHSTAVE\*QSSRRRGSNKI\*EFLRQC\*NHNSTAE\*ICSY\*LYKTQQQYKKRYTYRTRGGILCNRRYNRGYKASTL\*P\*\*STME\*NFRTGSYKIKRTI\*\*NSNSL\*\*ILRRGPRNCNA\*F\*LWRGIFLL\*YNSAV\*SYLE\*Y\*\*YLEWY\*DHNTSMQNKTNYKHVARSRKSNVCPSHQRTD\*LLVKYYRAAINKRWW\*HHKHHRDLQTWRGKYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEESGAERKKSSNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKNHLHHCCALE\*YLE\*\*KSEPDLG\*HDLDGVGERN\*\*LHRSNICLA\*KIAKPTTKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTIVVADPPPSSEGTRQARRNRRRRWRARQRQIRSI

>B.2006.JF320354.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRAPQDSQTHQVPLPEQ\*VVHVMSLYILTIVAFVVVAILAIVVWTIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*GFRKSVGYSLLWGTCVERSNHHSVLCI\*C\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRPNA\*GYNQFMGSKSKTMCKINPTLCHSKLH\*LCGECYHNQCHYPYPYRQGRNKKLLFQYHHKYKR\*DAERICTIL\*T\*CSTNR\*W\*\*\*\*\*Y\*I\*VDKL\*HLSHYTGLSKAIL\*ANSHTLLCPGWFCDFKV\*\*KKVQWNRIM\*KCQHSTMYTWN\*ASSIHSTAVEWQSSRRRGSNKI\*EFLRQC\*NHNSTAE\*ICSY\*LYKTQQQYKKRYTYRTRGGILCNRRYNRGYKASTL\*P\*\*STME\*NFRTGSYKIKRTI\*\*NSNSL\*\*ILRRGPRNCNA\*F\*LWRGIFLL\*YNSAV\*SYLE\*Y\*\*YLEWY\*DHNTSMQNKTNYKHVARSRKSNVCPSHQRTD\*LLVKYYRAAINKRWW\*HHKHHRDLQTWRGKYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEESGAERKKSSNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKNHLHHCCALE\*YLE\*\*KSEPDLG\*HDLDGVGERN\*\*LHRSNICLA\*KIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTIVVADPPPSSEGTRQARRNRRRRWRARQRQIRSI

>B.2006.JF320356.-

MEPIDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTHQDSQTHQASLPKQ\*VVYVMHSLEIYAIVALVIVAIIAIVVWTWVLIEYRKIRKQRKIDRLIDRIIERAEDSGNESDGDQEELSALVERGHLAPWDINDL\*YCRRLVGHNLLWGTCVEGSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRNRIGKCNRKF\*HVEK\*HGRPNA\*RCNQFMGSKSKAMCRVNPTLCYFKLH\*SKKYY\*CH\*\*DNERGGRNEKLLFLYHHKNGR\*DT\*KSGTFL\*P\*YSTNK\*\*\*\*YQL\*VDKL\*HLNHYTGLSKDIF\*ANSYTLLYPGWFCDSKV\*G\*EV\*WNRTM\*KC\*HSAMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*EFHRQC\*NYNSTAKRSCKHYLYTTQQQYKKRYTHGTRESILYNRRHNRRYKTSTL\*P\*\*NTMGEDFTTSR\*KIKRTI\*E\*NNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YNNTV\*\*HLE\*Y\*RDK\*HK\*HYHTPMQNKTNYKHVAESRKSNICPSHQRTN\*VFIKYYRAAINKRW\*Y\*QQQH\*E\*DLQTWRRRHEGQLEK\*II\*I\*SSKS\*TSRNSTHQGKEKSGAERKKSSGNTRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQSAEGY\*GATAHVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCALE\*\*LE\*QICG\*HLEQYDLDAMGKRN\*QLHKSNIHLT\*DIAEPTRKE\*TRIIGIG\*VGKSVELV\*HIKLAVVYKNIHNVSRKLNRFKNSFCCTFYSEKS\*AGILTSIVTDPPPSAEGTRQARRNRRRRWRERQRAIRTI

>B.2006.JF320358.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRAPQDSQTHQVPLPEQ\*VVHVMSLYILTIVAFVVVAILAIVVWTIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*GFRKSVGYSLLWGTCVERSNHHSVLCI\*C\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRPNA\*GYNQFMGSKSKTMCKINPTLCHSKLH\*LCGECYHNQCHYPYPYRQGRNKKLLFQYHHKYKR\*DAERICTIL\*T\*CSTNR\*W\*\*\*\*\*Y\*I\*VDKL\*HLSHYTGLSKAIL\*ANSHTLLCPGWFCDFKV\*\*KKVQWNRIM\*KCQHSTMYTWN\*ASSIHSTAVEWQSSRRRGSNKI\*EFLRQC\*NHNSTAE\*ICSY\*LYKTQQQYKKRYTYRTRGGILCNRRYNRGYKASTL\*P\*\*STME\*NFRTGSYKIKRTI\*\*NSNSL\*\*ILRRGPRNCNA\*F\*LWRGIFLL\*YNSAV\*SYLE\*Y\*\*YLEWY\*DHNTSMQNKTNYKHVARSRKSNVCPSHQRTD\*LLVKYYRAAINKRWW\*HHKHHRDLQTWRGKYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEESGAERKKSSNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKNHLHHCCALE\*YLE\*\*KSEPDLG\*HDLDGVGERN\*\*LHRSNICLA\*KIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTIVVADPPPSSEGTRQARRNRRRRWRARQRQIRSI

>B.2006.JF320360.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRAPQDSQTHQVPLPEQ\*VVHVMSLYILTIVAFVVVAILAIVVWTIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*GFRKSVGYSLLWGTCVERSNHHSVLCI\*C\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRPNA\*GYNQFMGSKSKTMCKINPTLCHSKLH\*LCGECYHNQCHYPYPYRQGRNKKLLFQYHHKYKR\*DAERICTIL\*T\*CSTNR\*W\*\*\*\*\*Y\*I\*VDKL\*HLSHYTGLSKAIL\*ANSHTLLCPGWFCDFKV\*\*KKVQWNRIM\*KCQHSTMYTWN\*ASSIHSTAVEWQSSRRRGSNKI\*EFLRQC\*NHNSTAE\*ICSY\*LYKTQQQYKKRYTYRTRGGILCNRRYNRGYKASTL\*P\*\*STME\*NFRTGSYKIKRTI\*\*NSNSL\*\*ILRRGPRNCNA\*F\*LWRGIFLL\*YNSAV\*SYLE\*Y\*\*YLEWY\*DHNTSMQNKTNYKHVARSRKSNVCPSHQRTD\*LLVKYYRAAINKRWW\*HHKHHRDLQTWRGKYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEESGAERKKSSNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKNHLHHCCALE\*YLE\*\*KSEPDLG\*HDLDGVGERN\*\*LHRSNICLA\*KIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTIVVADPPPSSEGTRQARRNRRRRWRARQRQIRSI

>B.2005.JF320361.-

MEPVDPKLAPWQHPGSQPKTACTACYCKRCCYHCPRCFLTKGLGISHGRKKRSQRRRAPPDSQSNQASLPKQ\*VVYVMQSLEIVAIVALVVAIIIAIVVWTIVLIEYRKILKQKKIDRLIDRIRERAEDSGNESEGDQKELSRLVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*HRGS\*CLGHTGLCTHRPQPTRSSIGKCDRKV\*RVGK\*HGRTDA\*GCNQFMGSKSKAMCKINPTLCHFKLH\*\*FTEYH\*QYH\*\*\*\*YKRRNEKLLFQYHHKHER\*DAERICTFL\*T\*CGPNRE\*\*\*Y\*L\*VNKL\*HLSHYTSLSKDNL\*ANSYTLLCPGWFCDSKM\*\*\*DV\*WKETMYKRQHSTMHTRN\*TSSINSTAVKRQPSRRRGSNKI\*EFYRQC\*NYNSTAEGSCRN\*LYKIQQQYKKKYTYGTRESILYNRRYNRRYKTSTL\*HY\*SKME\*HFKTGS\*KIKSTIWKQNNSL\*SILRRRPRNYNAQF\*LWRGIFLL\*HNTTI\*\*YLE\*Y\*KVEWY\*RVKWYHHTPMQNKTNYKPVAGSRKSNVCPSHQRTN\*MFIKYYRAADSKRWWY\*YY\*RDDRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNYRSYVPWVLGSSRKHYGRSVNSADGTGQTIIVWYSATAEQSAEGY\*GTTACVTTHSLEHQAAPGKSPGCGKIPKGSTAPRDLGLL\*KTHLHHCCALEC\*LE\*\*ISGYNLE\*HDLDAVGKRN\*QLHRPDILLT\*RIAKPARKE\*T\*IIGIR\*VGKSVELV\*HNKMAVVHKNIHNDSRRLGRFKNSFCCIFYSE\*S\*AGIFTIVITDPPPNPEGTRQTRRNRRRRWRKRQRQIHSI

>B.2006.JF320363.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAPPDNQTHQVSLSKQ\*VIYVMQSLHIVAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCREMGHSLLWGTCVERSDHHSLLCIRC\*SICCRGT\*CLGHSCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPEAMCKINPTLCYFKLH\*CDCDY\*\*DC\*YHY\*SRGNDGKRRNKKLLFQYHHKHKN\*GARICIIL\*N\*YSTNK\*\*QL\*YQLYQL\*VDKL\*HLSHYTGLSKGILRANSHTLLCPGWICDSKV\*\*KGIQGNRTM\*KCQYSTVYTWN\*ASSINSTDVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAERNCTN\*LYKTQQQYKERYTYGTRENTLCNRSNNRKYKTSTL\*Y\*\*NKME\*HFTTGNCKIKRTI\*\*\*NYTL\*SILRGRPRN\*NAQF\*LWRGIFLL\*HSKTV\*YITTTTV\*\*QH\*RK\*HTHNSMQNKTSYKQVAGSRKSNVCPSHQRTN\*MCIKHYRAAINKRWWKD\*G\*YY\*YY\*GLQTSRRKYER\*LEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSNRGIRSVVPWVLGSSRKHYGRSVNNADGTGQTNIVWYSATAE\*FAESY\*GATTSVATHSLGHQAAPSKNPGCGKIPTGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISGLYLE\*HDLDGVGKRS\*\*LHRLNIHLN\*RLANPTRKE\*KRFIGIR\*MGKFVELVRHIKLAVVYKNIHNDSRRLSRFKNSFSCTFYSK\*S\*AGIFTIIVADPPPSSEGTRQARRNRRRRWRQRRGQIRSI

>B.2006.JF320364.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAPPDNQTHQVSLSKQ\*VIYVMQSLHIVAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCREMGHSLLWGTCVERSDHHSLLCIRC\*SICCRGT\*CLGHSCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPEAMCKINPTLCYFKLY\*CDCDY\*\*DC\*YHY\*SRGNDGKRRNKKLLFQYHHKHKN\*GARICIIL\*N\*YSTNK\*\*QL\*YQLYQL\*VDKL\*HLSHYTGLSKGILRANSHTLLCPGWICDSKV\*\*KGIQGNRTM\*KCQYSTVYTWN\*ASSINSTDVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAERNCTN\*LYKTQQQYKERYTYGTRENTLCNRSNNRKYKTSTL\*Y\*\*NKME\*HFTTGNCKIKRTI\*\*\*NYTL\*SILRGRPRN\*NAQF\*LWRGIFLL\*YSKTV\*YITTTTV\*\*QH\*RK\*HTHNSMQNKTSYKQVAGSRKSNVCPSHQRTN\*MCIKHYRAAINKRWWKD\*G\*YY\*YY\*GLQTSRRKYER\*LEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSNRGIRSVVPWVLGSSRKHYGRSVNNADGTGQTNIVWYSATAE\*FAESY\*GATTSVATHSLGHQAAPSKNPGCGKIPTGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISGLYLE\*HDLDGVGKRS\*\*LHRLNIHLN\*RLANPTRKE\*KRFIGIR\*MGKFVELVRHIKLAVVYKNIHNDSRRLSRFKNSFSCTFYSK\*S\*AGIFTIIVADPPPSSEGTRQARRNRRRRWRQRRGQIRSI

>B.2006.JF320365.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAPPDNQTHQVSLSKQ\*VIYVMQSLHIVAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMWHDAPWDVNDL\*CCREMGHSLLWGTCVERSDHHSLLCIRC\*SICCRGT\*CLGHSCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPEAMCKINPTLCYFKLH\*CDCDY\*\*DC\*YHY\*SRGNDGKRRNKKLLFQYHHKHKN\*GARICIIL\*N\*YSTNK\*\*QL\*YQLYQL\*VDKL\*HLSHYTGLSKGILRANSHTLLCPGWICDSKV\*\*KGIQGNRTM\*KCQYSTMYTWN\*ASSINSTDVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAERNCTN\*LYKTQQQYKERYTYGTRENTLCNRSNNRKYKTSTL\*Y\*\*NKME\*HFTTGNCKIKRTI\*\*\*NYTL\*SILRGRPRN\*NAQF\*LWRGIFLL\*YSKTV\*YITTTTV\*\*QH\*RK\*HTHNSMQNKTSYKQVAGSRKSNVCPSHQRTN\*MCIKHYRAAINKRWWKD\*G\*YY\*YY\*GLQTSRRKYER\*LEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSNRGIRSVVPWVLGSSRKHYGRSVNNADGTGQTNIVWYSATAE\*FAESY\*GATTSVATHSLGHQAAPSKNPGCGKIPTGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISGLYLE\*HDLDGVGKRS\*\*LHRLNIHLN\*RLANPTRKE\*KRFIGIR\*MGKFVELVRHIKLAVVYKNIHNDSRRLSRFKNSFSCTFYSK\*S\*AGIFTIIVADPPPSSEGTRQARRNRRRRWRQRRGQIRSI

>B.2006.JF320366.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAPPDNQTHQVSLSKQ\*VIYVMQSLHIVAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCREMGHSLLWGTCVERSDHHSLLCIRC\*SICCRGT\*CLGHSCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPEAMCKINPTLCYFKLH\*CDCDY\*\*DC\*YHY\*SRGNDGKRRNKKLLFQYHHKHKN\*GARICIIL\*N\*YSTNK\*\*QL\*YQLYQL\*VDKL\*HLSHYTGLSKGILRANSHTLLCPGWICDSKV\*\*KGIQGNRTM\*KCQYSTVYTWN\*ASSINSTDVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAERNCTN\*LYKTQQQYKERYTYGTRENTLCNRSNNRKYKTSTL\*Y\*\*NKME\*HFTTGNCKIKRTI\*\*\*NYTL\*SILRGRPRN\*NAQF\*LWRGIFLL\*YSKTV\*YITTTTV\*\*QH\*RK\*HTHNSMQNKTSYKQVAGSRKSNVCPSHQRTN\*MCIKHYRAAINKRWWKD\*G\*YY\*YY\*GLQTSRRKYER\*LEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSNRGIRSVVPWVLGSSRKHYGRSVNNADGTGQTNIVWYSATAE\*FAESY\*GATTSVATHSLGHQAAPSKNPGCGKIPTGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISGLYLE\*HDLDGVGKRS\*\*LHRLNIHLN\*RLANPTRKE\*KRFIGIR\*MGKFVELVRHIKLAVVYKNIHNDSRRLSRFKNSFSCTFYSK\*S\*AGIFTIIVADPPPSSEGTRQARRNRRRRWRQRWGQIRSI

>B.2006.JF320367.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRAPQDSQTHQVPLPEQ\*VVHVMSLYILTIVAFVVVAILAIVVWTIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*GFRKSVGYSLLWGTCVERSNHHSVLCI\*C\*SL\*DRGT\*CLDHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRPNA\*GYNQFMGSKSKTMCKINPTLCHSKLH\*LCGECYHNQCHYPYPYRQGRNKKLLFQYHHKYKR\*DAERICTIL\*T\*CSTNR\*W\*\*\*\*\*Y\*I\*VDKL\*HLSHYTGLSKAIL\*ANSHTLLCPGWFCDFKV\*\*KKVQWNRIM\*KCQHSTMYTWN\*ASSIHSTAVEWQSSRRRGSNKI\*EFLRQC\*NHNSTAE\*ICSY\*LYKTQQQYKKRYTYRTRGGILCNRKYNRGYKASTL\*P\*\*STME\*NFRTGSYKIKRTI\*\*NSNSL\*\*ILRRGPRNCNA\*F\*LWRGIFLL\*YNSAV\*SYLE\*Y\*\*YLEWY\*DHNTSMQNKTNYKHVARSRKSNVCPSHQRTD\*LLVKYYRAAINKRWW\*HHKHHRDLQTWRGKYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEESGAERKKSSNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKNHLHHCCALE\*YLE\*\*KSEPDLG\*HDLDGVGERN\*\*LHRSNICLA\*KIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTIVVADPPPSSEGTRQARRNRRRRWRARQRQIRSI

>B.2006.JF320368.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRAPQDSQTHQVPLPEQ\*VVHVMSLYILTIVAFVVVAILAIVVWTIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*GFRKSVGYSLLWGTCVERSNHHSVLCI\*C\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRPNA\*GYNQFMGSKSKTMCKINPTLCHSKLH\*LCGECYHNQCHYPYPYRQGRNKKLLFQYHHKYKR\*DAERICTIL\*T\*CSTNR\*W\*\*\*\*\*Y\*I\*VDKL\*HLSHYTGLSKAIL\*ANSHTLLCPGWFCDFKV\*\*KKVQWNRIM\*KCQHSTMYTWN\*ASSIHSTAVEWQSSRRRGSNKI\*EFLRQC\*NHNSTAE\*ICSY\*LYKTQQXYKKRYTYRTRGGILCNRRYNRGYKASTL\*P\*\*STME\*NFRTGSYKIKRTI\*\*NSNSL\*\*ILRRGPRNCNA\*F\*LWRGIFLL\*YNSAV\*SYLE\*Y\*\*YLEWY\*DHNTSMQNKTNYKHVARSRKSNVCPSHQRTD\*LLVKYYRAAINKRWW\*HHKHHRDLQTWRXKYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEESGAERKKSSNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKNHLHHCCALE\*YLE\*\*KSEPDLG\*HDLDGVGERN\*\*LHRSNICLA\*KIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTIVVADPPPSSEGTRQARRNRRRRWRARQRQIRSI

>B.2006.JF320374.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAPPDNQTHQVSLSKQ\*VIYVMQSLHIVAIVALVVAAIIAIIVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCREMGHSLLWGTCVERSDHHSLLCIRC\*SICCRGT\*CLGHSCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPEAMCKINPTLCYFKLH\*CDCDY\*\*DC\*YHY\*SRGNDGKRRNKKLLFQYHHKHKN\*GARICIIL\*N\*YSTNK\*\*QL\*YQLYQL\*VDKL\*HLSHYTGLSKGILRANSHTLLCPGWICDSKV\*\*KGIQGNRTM\*KCQYSTMYTWN\*ASSINSTDVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAERNCTN\*LYKTQQQYKERYTYGTRENTLCNRSNNRKYKTSTL\*Y\*\*NKME\*HFTTGNCKIKRTI\*\*\*NYTL\*SILRGRPRN\*NAQF\*LWRGIFLL\*YSKTV\*YITTTTV\*\*QH\*RK\*HTHNSMQNKTSYKQVAGSRKSNVCPSHQRTN\*MCIKHYRAAINKRWWKD\*G\*YY\*YY\*GLQTSRRKYER\*LEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSNRGIRSVVPWVLGSSRKHYGRSVNNADGTGQTNIVWYSATAE\*FAESY\*GATTSVATHSLGHQAAPSKNPGCGKIPTGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISGLYLE\*HDLDGVGKRS\*\*LHRLNIHLN\*RLANPTRKE\*KRFIGIR\*MGKFVELVRHIKLAVVYKNIHNDSRRLSRFKNSFSCTFYSK\*S\*AGIFTIIVADPPPSSEGTRQARRNRRRRWRQRLGQIRSI

>B.2007.JF320375.-

MEPIDPRLAPWQHPGSQPKTACNNCYCKKCCFHCPKCFTTKGLGISYGRKKRRQRRRPPPDSQTHQASLSKQ\*VVYVMQSLQILAIVALVVVGIIAIVVWTIVLLEYKKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYKKFVGHSLLWGTCVERSNYHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSIIGKCDREF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*FTE\*Y\*FAEWHY\*PRHGKGNKKLLFQCHHRHKR\*GKK\*ICTFL\*T\*CNTNKK\*\*CKLYIDKLQHLSHYTSLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSD\*I\*KFHKQC\*NHNSTTE\*NCRN\*LYKTQQQYKEKYTYRTRECILCNRRHNRRYKTSTL\*P\*\*SKME\*HFTTDSYKIKRTIQE\*NNNL\*STIRRRPRNYTAQF\*LWRGIFLL\*YNKAV\*\*YLEWY\*YLGYYYRGR\*Q\*HYHTPMQNKTNYKQVAGSRKSNVCPSHCRTDQMLIKYYRDTLNKRWW\*\*\*HRQ\*DLQTRRRRYEGQLEK\*II\*V\*SSKN\*AIRNSTHPGKKKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSAAAEQSAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGHDLE\*HDLDGMGQRN\*QLHKLNIYLT\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNTLAVVYKNIHNGSRRFNRFKNSFCCAFYSE\*S\*AGILTIVISDPLPSPEGTRRARRNRRRRWRERQRKIQSI

>B.2006.JF320376.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRAPQDSQTHQVPLPEQ\*VVHVMSLYILTIVAFVVVAILAIVVWTIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*GFRKSVGYSLLWGTCVERSNHHSVLCI\*C\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRPNA\*GYNQFMGSKSKTMCKINPTLCHSKLH\*LCGECYHNQCHYPYPYRQGRNKKLLFQYHHKYKR\*DAERICTIL\*T\*CSTNR\*W\*\*\*\*\*Y\*I\*VDKL\*HLSHYTGLSKAIL\*ANSHTLLCPGWFCDFKV\*\*KKVQWNRIM\*KCQHSTMYTWN\*ASSIHSTAVEWQSSRRRGSNKI\*EFLRQC\*NHNSTAE\*ICSY\*LYKTQQXYKKRYTYRTRGGILCNRRYNRGYKASTL\*P\*\*STME\*NFRTGSYKIKRTI\*\*NSNSL\*\*ILRRGPRNCNA\*F\*LWRGIFLL\*YNSAV\*SYLE\*Y\*\*YLEWY\*DHNTSMQNKTNYKHVARSRKSNVCPSHQRTD\*LLVKYYRAAINKRWW\*HHKHHRDLQTWRXKYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEESGAERKKSSNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKNHLHHCCALE\*YLE\*\*KSEPDLG\*HDLDGVGERN\*\*LHRSNICLA\*KIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTIVVADPPPSSEGTRQARRNRRRRWRARQRQIRSI

>B.2006.JF320377.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRAPQDSQTHQVPLPEQ\*VVHVMSLYILTIVAFVVVAILAIVVWTIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*GFRKSVGYSLLWGTCVERSNHHSVLCI\*C\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRPNA\*GYNQFMGSKSKTMCKINPTLCHSKLH\*LCGECYHNQCHYPYPYRQGRNKKLLFQYHHKYKR\*DAERICTIL\*T\*CSTNR\*W\*\*\*\*\*Y\*I\*VDKL\*HLSHYTGLSKAIL\*ANSHTLLCPGWFCDFKV\*\*KKVQWNRIM\*KCQHSTMYTWN\*ASSIHSTAVEWQSSRRRGSNKI\*EFLRQC\*NHNSTAE\*ICSY\*LYKTQQQYKKRYTYRTRGGILCNRRYNRGYKASTL\*P\*\*STME\*NFRTGSYKIKRTI\*\*NSNSL\*\*ILRRGPRNCNA\*F\*LWRGIFLL\*YNSAV\*SYLE\*Y\*\*YLEWY\*DHNTSMQNKTNYKHVARSRKSNVCPSHQRTD\*LLVKYYRAAINKRWW\*HHKHHRDLQTWRGKYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEESGAERKKSSNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKNHLHHCCALE\*YLE\*\*KSEPDLG\*HDLDGVGERN\*\*LHRSNICLA\*KIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTIVVADPPPSSEGTRQARRNRRRRWRARQRQIRSI

>B.2006.JF320379.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRAPQDSQTHQVPLPEQ\*VVHVMSLYILTIVAFVVVAILAIVVWTIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*GFRKSVGYSLLWGTCVERSNHHSVLCI\*C\*SL\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRPNA\*GYNQFMGSKSKTMCKINPTLCHSKLH\*LCGECYHNQCHYPYPYRQGRNKKLLFQYHHKYKR\*DAERICTIL\*T\*CSTNR\*W\*\*\*\*\*Y\*I\*VDKL\*HLSHYTGLSKAIL\*ANSHTLLCPGWFCDFKV\*\*KKVQWNRIM\*KCQHSTMYTWN\*ASSIHSTAVEWQSSRRRGSNKI\*EFLRQC\*NHNSTAE\*ICSY\*LYKTQQQYKKRYTYRTRGGILCNRRYNRGYKASTL\*P\*\*STME\*NFRTGSYKIKRTI\*\*NSNSL\*\*ILRRGPRNCNA\*F\*LWRGIFLL\*YNSAV\*SYLE\*Y\*\*YLEWY\*DHNTSMQNKTNYKHVARSRKSNVCPSHQRTD\*LLVKYYRAAINKRWW\*HHKHHRDLQTWRGKYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEESGAERKKSSNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKNHLHHCCALE\*YLE\*\*KSEPDLG\*HDLDGVGERN\*\*LHRSNICLA\*KIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTIVVADPPPSSEGTRQARRNRRRRWRARQRQIRSI

>B.2007.JF320380.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKRCCYHCPLCFITKGLGISYGRKKRRQRRRAPKDSQTHQGSLPKQ\*VVHVMQPLVILAIVALVVAAILAIVVWTIVLIQYRKILRQRKIDRLIERITERAEDSGNESDGDQEELSALVELGHDAPWDVDDL\*CCRTTIVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKAMCKINPTLCYFKLL\*LGEC\*\*YH\*\*YCYSYY\*YQ\*\*\*GVGVGERRNKKLLFLCHLRG\*EAQRTCTVL\*T\*CSING\*\*\*YYL\*ADKL\*YLSH\*TGLSKGIL\*ANSYTLLCPCWFCDSKV\*Q\*DIQWIRTMYKC\*YSTMYTWN\*ASSINSTAVKWQSSRRRNSN\*I\*KFLR\*C\*NHNSAAK\*NCRD\*LYKTQQQYKKEYTSRTREHIFCNRRNNRRYKTSTL\*H\*WSKME\*HFRKGS\*KIRRTI\*Y\*QNNL\*SILRRGPRNCNAQF\*LWRRIFLL\*YNTTV\*\*YLDSE\*Y\*MVK\*LYRKWHHYTPMQNKTNYKHVAGSRKSNVCPSYQRKH\*LFIKYYRAAINKRWGQ\*\*SNDPDQRNRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSNVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSAAAEQSAESY\*GATASVATHSLGHQTAPGKNPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NKSEYNLG\*HDLDAVGKRN\*QLHRLNIHPN\*RIAEPTGKE\*TRLTGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCIFFSK\*S\*AGIFTIIVSDPTPSSEGTRQARKNRRRRWRARQRQIHLL

>B.2007.JF320382.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKRCCYHCPLCFITKGLGISYGRKKRRQRRRAPQHSQTHQGSLPKQ\*VVHVMQPLVILAIVALVVAAIVAIVVWTIVLIEYRKILRQRKIDRLIIRITERAEDSGNESDGDQEELSALVELGHDAPWDVNDL\*CCRTTIVGHSLLWGTCMERS\*HHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRGSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKAMCKINPTLCYFKLL\*LEYHC\*YCCSFQ\*E\*RGKVGVGGRRNEKLLFQYHLRHRG\*EAQRACTVL\*T\*RSTNR\*\*Y\*\*Y\*L\*VDKL\*HLSH\*TGLSKGIL\*ANSHTLLCPCWFCASKV\*Q\*DIQWIRTMYKC\*HSTVYTWN\*ASSINSTAVKWQSSRRRNSN\*I\*KFLR\*C\*NHNSAAK\*NCRD\*LYKTQQ\*YKKEYTSRTRENIVCNRRNNRRYKTSTL\*H\*\*SKME\*HFRKGS\*KIRRTI\*Y\*QNNL\*SILRRGPRNCNAQF\*LWRRIFLL\*YNTTV\*\*YLD\*E\*Y\*MVK\*HYRKWHHYTPMQNKTNYKHVAGSRQSNVCPSYQREH\*LFIKDYRAAINKRWGQE\*SNDPDQRNRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSAAAEQSAESY\*GATASVATHSLGHQTAPGKNPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NKSECNLG\*HDLDAVGKGN\*QLHRLNIHPN\*RIAEPTGKE\*TRLTGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCIFFSK\*S\*AGIFTIIVSDPPPSSEGTRQARRNRRRRWRARQRQIHLL

>B.2007.JF320383.-

MEPIDPSLEPWKHPGSQPKTACTPCYCKRCCYHCPLCFITKGLGISYGRKKRRQRRRAPQHSQTHQGSLPKQ\*VVHVMQPLVILAIVALVVAAILAIVVWTIVLIQYRKILRQRKIDRLIERITERAEDSGNESDGDQEELSALVELGHDAPWDVDDL\*CCRTTIVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKAMCKINPTLCYFKLL\*LGEC\*\*YH\*\*YCYSYY\*YQ\*\*\*GVGVGERRNKKLLFLCHLRG\*EAQRTCTVL\*T\*CSING\*\*\*YYL\*ADKL\*YLSH\*TGLSKGIL\*ANSYTLLCPCWFCDSKV\*Q\*DIQWIRTMYKC\*YSTMYTWN\*ASSINSTAVKWQSSRRRNSN\*I\*KFLR\*C\*NHNSAAK\*NCRD\*LYKTQQQYKKEYTSRTREHIFCNRRNNRRYKTSTL\*H\*WSKME\*HFRKGS\*KIRRTI\*Y\*QNNL\*SILRRGPRNCNAQF\*LWRRIFLL\*YNTTV\*\*YLDSE\*Y\*MVK\*LYRKWHHYTPMQNKTNYKHVAGSRKSNVCPSYQRKH\*LFIKYYRAAINKRWGQ\*\*SNDPDQRNRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSNVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSAAAEQSAESY\*GATASVATHSLGHQTAPGKNPGCRKIPKGSTAPGDLGLLWKTYLHHCCALEY\*LE\*\*NKSEYNLG\*HDLDAVGKRN\*QLHRLNIHPN\*RIAEPTGKE\*TRLTGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCIFFSK\*S\*AGIFTIIVSDPPPSSEGTRQARRNRRRRWRARQRQIHLL

>B.2007.JF320385.-

MEPVDPSLEPWKHPGSQPKTACTPCYCKRCCYHCALCFITKGLGISYGRKKRRQRRRAPQHSQTHQGSLPKQ\*VVHVMQPLVILAIVALVVAAILAIVVWTIVLIQYRKILRQRKIDRLIERITERAEDSGNESDGDQEELSALVELGHDAPWDVNDL\*CCRTTIVSHSLLWGTCMERS\*HHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKAMCKINPTLCYFKLL\*LGEC\*\*YH\*\*YCYSYY\*YQ\*\*\*GVGVGERRNKKLLFLCHLRG\*EAQRTCTVL\*T\*CSING\*\*\*YYL\*ADKL\*YLSH\*TGLSKGIL\*ANSYTLLCPCWFCDSKV\*Q\*DIQWIRTMYKC\*YSTMYTWN\*ASSINSTAVKWQSSRRRNSN\*I\*KFLR\*C\*NHNSAAK\*NCRD\*LYKTQQQYKKEYTSRTREHIFCNRRNNRRYKTSTL\*H\*WSKME\*HFRKGS\*KIRRTI\*Y\*QNNL\*SILRRGPRNCNAQF\*LWRRIFLL\*YNTTV\*\*YLDSE\*Y\*MVK\*LYRKWHHYTPMQNKTNYKHVAGSRKSNVCPSYQRKH\*LFIKYYRAAINKRWGQ\*\*SNDPDQRNRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSNVPWILGSSRKHYGRSVTNADGTGQTIIVWYSAAAEQSAESY\*GATASVATHSLGHQTAPGKNPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NKSEYNLG\*HDLDAVGKRN\*QLHRLNIHPN\*RIAEPTGKE\*TRLTGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCIFFSK\*S\*AGIFTIIVSDPPPSSEGTRQARRNRRRRWRARQRQIHLL

>B.2007.JF320387.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSKTHQASLSEQ\*VVHVMQSLIIFAIVALVVAGILAIVVWSMVFIEYRKIVRQRKIDRLIDRIIERAEDSGNESDGDQEELSALVERGHLAPWDINDL\*CYRKVVGYSLLWGTCVEGSNYHSILCIRC\*SI\*DRET\*CLGHTCLCTHRPQSTRNSIGKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKSKAMCKTNPIMCYLKLH\*FGE\*YYCY\*Y\*W\*\*CY\*YSKKGSA\*RNEKLLFQYHHKHKR\*GKRLCIFFYT\*HSINR\*\*Y\*\*AQI\*VDEL\*HLSHHTGLSKDIL\*TNSHTLLCPGWFCASEM\*QEKL\*WNRTMYKCQHSTMYTWN\*TSSVNSTTVKWQSSRRGGST\*I\*EFHRKY\*NHNSTAE\*ICSN\*LYKTQQQYKEKCTCRTREGTIYNRHNRRYKTSTLYH\*WNRMEQYFTKGS\*KIKRKI\*E\*NNSL\*AATPRGGPRNFTAQL\*LWRGIFLL\*FITAV\*\*YLEFY\*RVK\*HRKFVRHYHNPMQNKANYKHVAGSRKSNICSSYQGTN\*MFIKYYRAVNNKRWWY\*\*\*\*\*\*\*\*HRDL\*TCRGKYEEQLEK\*II\*I\*SSKT\*TIRSGTHQGKEKSGAKRQKSSGNDRSYVPWVLGSSRKHYGRSVTNADGTGQTIIDWYSATAEQFAESY\*GATAPVATHSLGHQAAPSKTPGCGEIPKGSTAPRDLGLLWKAHLHHYCALEC\*LE\*QISG\*DLEEHDLDAVGKRN\*QLHTNNLFLNFGIAEPTRRE\*TRITEIGPVGKSVELV\*HIKLAVVYKIIHNDSRGLDRFKNSFCCIFHSK\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRQRQRQISAI

>B.2007.JF320388.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSKTHQASLSEQ\*VVHVMQSLIIFAIVALVVAGILAIVVWSMVFIEYRKIVRQRKIDRLIDRIIERAEDSGNESDGDQEELSALVERGHLAPWDINDL\*CYRKVVGYSLLWGTCVEGSNYHSILCIRC\*SI\*DRET\*CLGHTCLCTHRPQSTRNSIGKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKSKAMCKTNPIMCYLKLH\*FGE\*YYCY\*Y\*WY\*CY\*YSKKGSA\*RNEKLLFQYHHKHKR\*GKRLCIFFYT\*HSINR\*\*Y\*\*AQI\*VDEL\*HLSHHTGLSKDIL\*TNSHTLLCPGWFCASEM\*QEKL\*WNRTMYKCQHSTMYTWN\*TSSVNSTTVKWQSSRRGGST\*I\*EFHRKY\*NHNSTAE\*ICSN\*LYKTQQQYKEKCTCRTREGTIYNRHNRRYKTSTLYH\*WNRMEQYFTKGS\*KIKRKI\*E\*NNSL\*AATPRGGPRNFTAQL\*LWRGIFLL\*FITAV\*\*YLEFY\*RVK\*HRKFVRHYHNPMQNKANYKHVAGSRKSNVCSSYQGTN\*MFIKYYRAVNNKRWWY\*\*\*\*\*\*\*\*HRDL\*TCRGKYEEQLEK\*II\*I\*SSKT\*TIRSGTHQGKEKSGAKRQKSSGNDRSYVPWVLGSSRKHYGRSVTNADGTGQTIIDWYSATAEQFAESY\*GATAPVATHSLGHQAAPSKTPGCGEIPKGSTAPRDLGLLWKAHLHHYCALEC\*LE\*QISG\*DLEEHDLDAVGKRN\*QLHTNNLFLNFGIAEPTRRE\*TRITEIGPVGKSVELV\*HIKLAVVYKIIHNDSRGLDRFKNSFCCIFHSK\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRQRQRQISAI

>B.2007.JF320390.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSKTHQASLSEQ\*VVHVMQSLIIFAIVALVVAGILAIVVWSMVFIEYRKIVRQRKIDRLIDRIIERAEDSGNESDGDQEELSALVERGHLAPWDINDL\*CYRKVVGYSLLWGTCVEGSNYHSILCIRC\*SI\*DRET\*CLGHTCLCTHRPQSTRNSTGKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKSKAMCKTNPIMCYLKLH\*FGE\*YYCY\*Y\*WY\*CY\*YSKKGSA\*RNEKLLFQYHHKHKR\*GKRLCIFFYT\*HSINR\*\*Y\*\*AQI\*VDEL\*HLSHHTGLSKDIL\*TNSHTLLCPGWFCASEM\*QEKL\*WNRTMYKCQHSTMYTWN\*TSSVNSTTVKWQSSRRGGST\*I\*EFHRKY\*NHNSTAE\*ICSN\*LYKTQQQYKEKCTCRTREGTIYNRHNRRYKTSTLYH\*WNRMEQYFTKGS\*KIKRKI\*E\*NNSL\*AATPRGGPRNFTAQL\*LWRGIFLL\*FITAV\*\*YLEFY\*RVK\*HRKFVRHYHNPMQNKANYKHVAGSRKSNVCSSYQGTN\*MFIKYYRAVNNKRWWY\*\*\*\*\*\*\*\*HRDL\*TCRGKYEEQLEK\*II\*I\*SSKT\*TIRSGTHQGKEKSGAKRQKSSGNDRSYVPWVLGSSRKHYGRSVTNADGTGQTIIDWYSATAEQFAESY\*GATAPVATHSLGHQAAPSKTPGCGEIPKGSTAPRDLGLLWKAHLHHYCALEC\*LE\*QISG\*DLEEHDLDAVGKRN\*QLHTNNLFLNFGIAEPTRRE\*TRITEIGPVGKSVELV\*HIKLAVVYKIIHNDSRGLDRFKNSFCCIFHSK\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRQRQRQISAI

>B.2007.JF320391.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSKTHQASLSEQ\*VVHVMQSLIIFAIVALVVAGILAIVVWSMVFIEYRKIVRQRKIDRLIDRIIERAEDSGNESDGDQEELSALVERGHLAPWDINDL\*CYRKVVGYSLLWGTCVEGSNYHSILCIRC\*SI\*DRET\*CLGHTCLCTHRPQSTRNSIGKCDRIF\*HVEK\*HGRTNA\*GYNQFMGSKSKAMCKTNPIMCYLKLH\*FGE\*YYCY\*Y\*WY\*YY\*YSKKGSA\*RNEKLLFQYHHKHKR\*GKRLCIFFYT\*HSINR\*\*Y\*\*AQI\*VDEL\*HLSHHTGLSKDIL\*TNSHTLLCPGWFCASEM\*QEKL\*WNRTMYKCQHSTMYTWN\*TSSVNSTTVKWQSSRRGGST\*I\*EFHRKY\*NHNSTAE\*ICSN\*LYKTQQQYKEKCTCRTREGTIYNRHNRRYKTSTLYH\*WNRMEQYFTEGS\*KIKRKI\*E\*NNSL\*AATPRGGPRNFTAQL\*LWRGIFLL\*FITAV\*\*YLEFY\*RVK\*HRKFVRHYHNPMQNKANYKHVAGSRKSNVCSSYQGTN\*MFIKYYRAVNNKRWWY\*\*\*\*\*\*\*\*HRDL\*TCRGKYEEQLEK\*II\*I\*SSKT\*TIRSGTHQGKEKSGAKRQKSSGNDRSYVPWVLGSSRKHYGRSVTNADGTGQTIIDWYSATAEQFAESY\*GATAPVATHSLGHQAAPSKTPGCGEIPKGSTAPRDLGLLWKAHLHHYCALEC\*LE\*QISG\*DLEEHDLDAVGKRN\*QLHTNNLFLNFGIAEPTRRE\*TRITEIGPVGKSVELV\*HIKLAVVYKIIHNDSRGLDRFKNSFCCIFHSK\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRQRQRQISAI

>B.2007.JF320393.-

MEPIDPRLAPWQHPGSQPKTACNNCYCKKCCFHCPKCFTTKGLGISYGRKKRRQRRRPPPDSQTHQASLSKQ\*VVYVMQSLQILAIVALVVVGIIAIVVWTIVLLEYKKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYKKFVGHSLLWGTCVERSNYHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSIIGKCDREF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*FTE\*Y\*FAEWHY\*PRHGKGNKKLLFQCHHRHKR\*GKK\*ICTFL\*T\*CNTNKK\*\*CKLYIDKLQHLSHYTSLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSD\*I\*KFHKQC\*NHNSTTE\*NCRN\*LYKTQQQYKEKYTYRTRECILCNRRHNRRYKTSTL\*P\*\*SKME\*HFTTDSYKIKRTIQE\*NNNL\*STIRRRPRNYTAQF\*LWRGIFLL\*YNKAV\*\*YLEWY\*YLGYYYRGR\*Q\*HYHTPMQNKTNYK\*VAGSRKSNVCPSHCRTDQMLIKYYRDTLNKRWW\*\*\*HRQ\*DLQTRRRRYEGQLEK\*II\*V\*SSKN\*AIRNSTHPGKKKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSAAAEQSAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGHDLE\*HDLDGMGQRN\*QLHKLNIYLT\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNTLAVVYKNIHNGSRRFNRFKNSFCCAFYSE\*S\*AGILTIVISDPLPSPEGTRRARRNRRRRWRERQRKIQSI

>B.2007.JF320394.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCMHCQVCFLTKGLGISYGRKKRRQRRRRAPQNSQTHQASLPEQ\*VVHVMQSLVILAIVALVATAIIAIVVWTIVFLEYRKIVRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLEMGHHAPRNVDDL\*CCRTIVGHSLLWGTCVERSKHHSILRIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLC\*FNL\*\*FGE\*Y\*CH\*\*LELERDGERRNKELLFQYHHRLRRKKERPFTL\*YT\*CGTNR\*\*\*Y\*TKR\*\*Y\*CYHYL\*EL\*VDKL\*YLSH\*AGLSKGNL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWNRTMYKCQYSAMYTWN\*ASSINSTAVKWQSSRRRRGNN\*V\*KLLGQY\*NHNSTAEQLCRN\*MYKTQ\*QYKKKYTYGTREIIFYNRDNRRYKTSTLQP\*WNRLE\*HSRADSYKIKKTIWEK\*NNNL\*\*IRRRGPRS\*NAHF\*LWGGIFLL\*YNKTV\*\*YLVC\*WYSED\*RV\*\*\*WQYHTPL\*NKTNYKQVAGSRKSNVCPSHCRTN\*MYIKYYRAAINMGWW\*\*WWKRHWNKK\*RNRGF\*TIRRKYEGQLEK\*II\*V\*SSKS\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVINADGTSQTIVVWYSATAEQSAESY\*GATASAATHSLGHQTAPGKNPGCGKIPT\*STAPGNLGLLWKTHLHHYCALEC\*LE\*\*IFGGNLE\*HDLDGVGKGNWQLHKLNIQLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRLKNSFYGTFYSAES\*AGILTIIVSDPPPGPQGTRQARRNRRRRWREKQRQIRAL

>B.2007.JF320398.-

MEPIDPRLAPWQHPGSQPKTACNNCYCKKCCFHCPKCFTTKGLGISYGRKKRRQRRRPPPDSQTHQASLSKQ\*VVYVMQSLQILAIVALVVVGIIAIVVWTIVLLEYKKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYKKFVGHSLLWGTCVERSNYHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSIIGKCDREF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*FTE\*Y\*FAEWHY\*PRHGKGNKKLLFQCHHRHKR\*GKK\*ICTFL\*T\*CNTNKK\*\*CKLYIDKLQHLSHYTSLSKGIL\*TNPHTLLYPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSD\*I\*KFHKQC\*NHNSTTE\*NCRN\*LYKTQQQYKEKYTYRTRECILCNRRHNRRYKTSTL\*P\*\*SKME\*HFTTDSYKIKRTIQE\*NNNL\*STIRRRPRNYTAQF\*LWRGIFLL\*YNKAV\*\*YLEWY\*YLGYYYRGR\*Q\*HYHTPMQNKTNYK\*VAGSRKSNVCPSHCRTDQMLIKYYRDTLNKRWW\*\*\*HRQ\*DLQTRRRRYEGQLEK\*II\*V\*SSKN\*AIRNSTHPGKKKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSAAAEQSAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGHDLE\*HDLDGMGQRN\*QLHKLNIYLT\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNTLAVVYKNIHNGSRRFNRFKNSFCCAFYSE\*S\*AGILTIVISDPLPSPEGTRRARRNRRRRWRERQRKIQSI

>B.2007.JF320399.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCMHCQVCFLTKGLGISYGRKKRRQRRRRAPQNSQTHQASLPEQ\*VVHVMQSLVILAIVALVATAIIAIVVWTIVFLEYRKIVRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLEMGHHAPWNVNDL\*CCRTIVGHSLLWGTCVERSKHHSILRIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLC\*FNL\*\*FGE\*Y\*CH\*\*LELERDGERRNKELLFQYHHRLRRKKERPFTL\*YT\*CGTNR\*\*\*Y\*TKR\*\*Y\*CYHYL\*EL\*VDKL\*YLSH\*AGLSKGNL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWNRTMYKCQYSAMYTWN\*ASSINSTAVKWQSSRRRRGNN\*V\*KLLGQY\*NHNSTAEQLCRN\*MYKTQ\*QYKKKYTYGTREIIFYNRDNRRYKTSTLQP\*WNRLE\*HSRADSYKIKKTIWEK\*NNNL\*\*IRRRGLRS\*NAHF\*LWGGIFLL\*YNKTV\*\*YLVC\*WYSED\*RV\*Y\*\*DYHTPLQNKTNYKQVAGSRKSNVCPSHCRTN\*MYIKYYRAAINMGWW\*\*WWKRHWNKK\*RNRGF\*TIRRKYEGQLEK\*II\*V\*SSKS\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVINADGTSQTIVVWYSATAEQSAESY\*GATASAATHSLGHQTAPGKNPGCGKIPT\*STAPGNLGLLWKTHLHHYCALEC\*LE\*\*IFGGNLE\*HDLDGVGKGNWQLHKLNIQLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRLKNSFYGTFYSAES\*AGILTIIVSDPPPGPQGTRQARRNRRRRWREKQRQIRAL

>B.2007.JF320403.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCMHCQVCFLTKGLGISYGRKKRRQRRRRAPQNSQTHQASLPEQ\*VVHVMQSLVILAIVALVATAIIAIVVWTIVFLEYRKIVRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLEMGHHAPRNVDDL\*CCRTIVGHSLLWGTCVERSKHHSILRIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLC\*FNL\*\*FGE\*Y\*CH\*\*LELERDGERRNKELLFQYHHRLRRKKERPFTL\*YT\*CGTNR\*\*\*Y\*TKR\*\*Y\*CYHYL\*EL\*VDKL\*YLSH\*AGLSKGNL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWNRTMYKCQYSAMYTWN\*ASSINSTAVKWQSSRRRRGNN\*V\*KLLGQY\*NHNSTAEQLCRN\*MYKTQ\*QYKKKYTYGTREIIFYNRDNRRYKTSTLQP\*WNRLE\*HSRADSYKIKKTIWEK\*NNNL\*\*IRRRGPRS\*NAHF\*LWGGIFLL\*YNKTV\*\*YLVC\*WYSED\*RV\*\*\*WQYHTPL\*NKTNYKQVAGSRKSNVCPSHCRTN\*MYIKYYRAAINMGWW\*\*WWKRHWNKK\*RNRGF\*TIRRKYEGQLEK\*II\*V\*SSKS\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVINADGTSQTIVVWYSATAEQSAESY\*GATASAATHSLGHQTAPGKNPGCGKIPT\*STAPGNLGLLWKTHLHHYCALEC\*LE\*\*IFGGNLE\*HDLDGVGKGNWQLHKLNIQLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRLKNSFYGTFYSAES\*AGILTIIVSDPPPGPQGTRQARRNRRRRWREKQRQIRAL

>B.2007.JF320406.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCMHCQVCFLTKGLGISYGRKKRRQRRRRTPQNSQTHQASLPEQ\*VVHVMQSLTIVAIVALVVAAIIAIVVWTIVYIEYRKIVRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLEMGHHAPWNVDDL\*CCRKIVGHSLLWGTCVERSKHHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLC\*VKL\*\*FGE\*Y\*CH\*\*LELERNRERRNKELLFQYHHRIRRKKERLFIF\*YT\*CGTNR\*\*\*YYR\*\*Y\*CYHYL\*EL\*VDKL\*YLSH\*AGLSKGNL\*TNSHTLLCPGWFCDSKV\*Q\*DVQWKRTMYKCQYSAMYTWN\*ASSINSTAVKWQSSRRRRGNN\*V\*\*FLGQY\*NHNSTAERICRN\*LYKTQ\*QYKKKHTYGTREIIFYNRDNRRHKTSTLQP\*WRRME\*NSRADSCKIKRTIWEK\*NNKL\*\*IRRRGPRS\*NAHF\*LWGGIFLL\*YNKTV\*\*YLVC\*WYSED\*RV\*Y\*\*DYHTPLQNKTNYKQVAGSRKSNVCPSHCRTN\*MYIKYYRAAINMGWW\*\*WWKRHWNKK\*RNRGF\*TIRRKYEGQLEK\*II\*V\*SSKS\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVINADGTSQTIVVWYSATAEQSAESY\*GATASAATHSLGHQTAPGKNPGCGKIPT\*STAPGNLGLLWKTHLHHYCALEY\*LG\*\*IFGGNLGQHDLDGLGKRNWQLHKLNIQLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRLKNSFYGTLYSAES\*AGILTTIVSDPPPGPQGTRQARRNRRRRWREKQRQIRAL

>B.2007.JF320407.-

MEPIDPRLAPWQHPGSQPKTACNNCYCKKCCFHCPKCFTTKGLGISYGRKKRRQRRRPPPDSQTHQASLSKQ\*VVYVMQSLQILAIVALVVVGIIAIVVWTIVLLEYKKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYKKFVGHSLLWGTCVERSNYHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSIIGKCDREF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*FTE\*Y\*FAEWHY\*PRHGKGNKKLLFQCHHRHKR\*GKK\*ICTFL\*T\*CNTNKK\*\*CKLYIDKLQHLSHYTSLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSD\*I\*KFHKQC\*NHNSTTE\*NCRN\*LYKTQQQYKEKYTYRTRECILCNRRHNRRYKTSTL\*P\*\*SKME\*HFTTDSYKIKRTIQE\*NNNL\*STIRRRPRNYTAQF\*LWRGIFLL\*YNKAV\*\*YLEWY\*YLGYYYRGR\*Q\*HYHTPMQNKTNYK\*VAGSRKSNVCPSHCRTDQMLIKYYRDTLNKRWW\*\*\*HRQ\*DLQTRRRRYEGQLEK\*II\*V\*SSKN\*AIRNSTHPGKKKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSAAAEQSAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGHDLE\*HDLDGMGQRN\*QLHKLNIYLT\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNTLAVVYKNIHNGSRRFNRFKNSFCCAFYSE\*S\*AGILTIVISDPLPSPEGTRRARRNRRRRWRERQRKIQSI

>B.2006.JF320411.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VIHVMQPLMILAIVALVVAAILAIVVWTIVFIEYRKIRRQKRIDRLIDRIRERAEDSGNESEGDQEELSTLMEMGHHAPWDVIDDL\*CCRTIVGHSLLWGTCMERSKHHSILCIRC\*SI\*NRGT\*CLGHTCLCAHRP\*PTRSIIRKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKIDPTLCYFTMH\*CECY\*D\*\*DQ\*YK\*LEKDGYRRNKKLLFQCYHRQKR\*DAKRICIFL\*T\*CSTNK\*\*\*YC\*E\*E\*QL\*VDKL\*HFSHHTGLSKGIL\*ANSHTLLCPGWFCDYKV\*R\*\*VQWNRTM\*KCQYSTMHTWN\*ASSSNSIAVKWQSSRRRGNN\*I\*EFF\*\*C\*NHNSTVE\*ICRNSLYETQQ\*YKKKYNYRTRESILYNRTNNRRYKTSTL\*H\*WNSLERSFKTDSYKIRRTI\*E\*NNSLYKFLRRGSRSCNAHF\*L\*RRIFLL\*LNTTV\*\*YLE\*D\*K\*VE\*YY\*HTREHHPQM\*NKTNYKHVAGSRKSNVCPSYQWPN\*LYIKYYRAAINKRWW\*PQQH\*\*DLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEESGAEREKSSGNRSIVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAE\*LAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHFCALEC\*LE\*\*ISGNDLE\*HDMDGVGKRN\*QLHKIDIQLN\*RIAKPTRKK\*TRVIGIR\*MGKFVELVHHNTLAVVHKNIHNNSGRFDRFKNSLCCTCYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2006.JF320412.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VIHVMQPLMILAIVALVVAAILAIVVWTIVFIEYRKIRRQKRIDRLIDRIRERAEDSGNESEGDQEELSAFMEMGHHAPWDVIDDL\*CCRTIVGHSLLWGTCMERSKHHSILCIRC\*SI\*NRGT\*CLGHTCLCAHRP\*PTRSIIRKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKIDPTLCYFTMH\*CECY\*D\*\*DQ\*YK\*LEKDGYRRNKKLLFQCYHRQKR\*DAKRICIFL\*T\*CSTNK\*\*\*YC\*E\*E\*QL\*VDKL\*HFSHHTGLSKGIL\*ANSHTLLCPGWFCDYKV\*R\*\*VQWNRTM\*KCQYSTMHTWN\*ASSSNSIAVKWQSSRRRGNN\*I\*EFF\*\*C\*NHNSTVE\*NCRNSLYETQQ\*YKKKYNYRTRESILYNRTNNRRYKTSTL\*H\*WNSLERSFKTDSYKIRRTI\*E\*NNSLYKFLRRGSRSCNAHF\*L\*RRIFLL\*LNTTV\*\*YLE\*D\*K\*VE\*YY\*HTREHHPQM\*NKTNYKHVAGSRKSNVCPSYQWPN\*LYIKYYRAAINKRWW\*PQQH\*\*DLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEESGAEREKSSGNRSIVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAE\*LAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHFCALEC\*LE\*\*ISGNNLE\*HDMDGVGKRN\*QLHKIDIQLN\*RIAKPTRKK\*TRVIGIR\*MGKFVELVHHNTLAVVHKNIHNNSGRFDRFKNSLCCTCYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2006.JF320413.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQXCFIKKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VIHVMQPLMILAIVALVVAAILAIVVWTIVFIEYRKIRRQKRIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDVIDDL\*CCRTIVGHSLLWGTCMERSKHHSILCIRC\*SI\*NRGT\*CLGHTCLCAHRP\*PTRSIIRKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKIDPTLCYFTMH\*CECY\*D\*\*DQ\*YK\*LEKDGYRRNKKLLFQCYHRQKR\*DAKRICIFL\*T\*YSTNK\*\*\*YC\*E\*E\*QL\*VDKL\*HFSHHTGLSKGIL\*ANSHTLLCPGWFCDYKV\*R\*\*VQWNRTM\*KCQYSTMHTWN\*ASSSNSIAVKWQSSRRRGNN\*I\*EFF\*\*C\*NHNSTVE\*ICRNSLYETQQ\*YKKKYNYRTRESILYNRTNNRRYKTSTL\*H\*WNSLEKSFKTDSYKIRRTI\*E\*NNSLYKFLRRGSRSCNAHF\*L\*RRIFLL\*LNTTV\*\*YLE\*D\*K\*VE\*YY\*HTREHHPQM\*NKTNYKHVAGSRKSNVCPSYQWPN\*LYIKYYRAAINKRWW\*PQQH\*\*DLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEESGAEREKSSGNRSIVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAE\*LAESY\*GATAYAATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHFCALEC\*LE\*\*ISGYDLE\*HDMDGVGKRN\*QLHKIDIQLN\*RIAKPTRKK\*TRVIGIR\*MGKFVELVHHNTLAVVHKNIHNNSGRFDRFKNSLCCTCYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2006.JF320414.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VIHVMQPLMILAIVALVVAAILAIVVWTIVFIEYRKIRRQKRIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDVIDDL\*CCRTIVGHSLLWGTCMERSKHHSILCIRC\*SI\*NRGT\*CLGHTCLCAHRP\*PTRSIIRKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKIDPTLCYFTMH\*CECY\*D\*\*DQ\*YK\*LEKDGYRRNKKLLFQCYHRQKR\*DAKRICIFL\*T\*CSTNK\*\*\*YC\*E\*E\*QL\*VDKL\*HFSHHTGLSKGIL\*ANSHTLLCPGWFCDYKV\*R\*\*VQWNRTM\*KCQYSTMHTWN\*ASSSNSIAVKWQSSRRRGNN\*I\*EFF\*\*C\*NHNSTVE\*NCRNSLYETQQ\*YKKKYNYRTRESILYNRTNNRRYKTSTL\*H\*WNSLERSFKTDSYKIRRTI\*E\*NNSLCKFLRRGSRSCNAHF\*L\*RRIFLL\*LNTTV\*\*YLE\*D\*K\*VE\*YY\*HTREHHPQM\*NKTNYKHVAGSRKSNVCPSYQWPN\*LYIKYYRAAINKRWW\*PQQH\*\*DLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEESGAEREKSSGNRSIVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAE\*LAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHFCALEC\*LE\*\*ISGNDLE\*HDMDGVGKRN\*QLHKIDIQLN\*RIAKPTRKK\*TRVIGIR\*MGKFVELVHHNTLAVVHKNIHNNSGRFDRFKNSLCCTCYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2006.JF320415.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VIHVMQPLMILAIVALVVAAILAIVVWTIVFIEYRKIRRQKRIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDVIDDL\*CCRTIVGHSLLWSTCMERSKHHSILCIRC\*SI\*NRGT\*CLGHTCLCAHRP\*PTRSIIRKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKIDPTLCYFTMH\*CECY\*D\*\*DQ\*YK\*LEKDGYRRNKKLLFQCYHRQKR\*DAKRICIFL\*T\*CSTNK\*\*\*YC\*E\*E\*QL\*VDKL\*HFSHHTGLSKGIL\*ANSHTLLCPGWFCDYKV\*R\*\*VQWNRTM\*KCQYSTMHTWN\*ASSSNSIAVKWQSSRRRGNN\*I\*EFF\*\*C\*NHNSTVE\*NCRNSLYETQQ\*YKKKYNYRTRESILYNRTNNRRYKTSTL\*H\*WNSLERSFKTDSYKIRRTI\*E\*NNSLYKFLRRGSRSCNAHX\*L\*RRIFLL\*LNTTV\*\*YLE\*D\*K\*VE\*YY\*HTREHHPQM\*NKTNYKHVAGSRKSNVCPSYQWPN\*LYIKYYRAAINKRWW\*PQQH\*\*DLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEESGAEREKSSGNRSIVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAE\*LAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHFCALECYKSLEMIWNNMTWMEWEREIDNYTKLIYNLIEESQNQQEKNEQELLELDKWASLWNWFTITHWLWYIKIFIIIVGGLIGLRIVFVVLAIVNRVRQGYSPLSFQTRLPTPRGPDKPEGIEEEGGERDRGRSGPL

>B.2006.JF320416.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VIHVMQPLMILAIVALVVAAILAIVVWTIVFIEYRKIRRQKRIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDVIDDL\*CCRTIVGHSLLWGTCMERSKHHSILCIRC\*SI\*NRGT\*CLGHTCLCAHRP\*PTRSIIRKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKIDPTLCYFTMH\*CECY\*D\*\*DQ\*YK\*LEKDGYRRNKKLLFQCYHRQKR\*DAKRICIFL\*T\*CSTNK\*\*\*YC\*E\*E\*QL\*VDKL\*HFSHHTGLSKGIL\*ANSHTLLCPGWFCDYKV\*R\*\*VQWNRTM\*KCQYSTMHTWN\*ASSSNSIAVKWQSSRRRGNN\*I\*EFF\*\*C\*NHNSTVE\*NCRNSLYETQQ\*YKKKYNYRTRESILYNRTNNRRYKTSTL\*H\*WNSLERSFKTDSYKIRRTI\*E\*NNSLYKFLRRGSRSCNAHF\*L\*RRIFLL\*LNTTV\*\*YLE\*D\*K\*VD\*YY\*HTREHHPQM\*NKTNYKHVAGSRKSNVCPSYQWPN\*LYIKYYRTAINKRWW\*PQQH\*\*DLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEESGAEREKSSGNRSIVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAE\*LAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHFCALEC\*LE\*\*ISG\*DLE\*HDMDGVGKRN\*QLHKIDIQLN\*RIAKPTRKK\*TRVIGIR\*MGKFVELVHHNTLAVVHKNIHNNSGRFDRFKNSLCCTCYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2006.JF320417.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VIHVMQPLMILAIVALVVAAILAIVVWTIVFIEYRKIRRQKRIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDVIDDL\*CCRTIVGHSLLWGTCMERSKHHSILCIRC\*SI\*NRGT\*CLGHTCLCAHRP\*PTRSIIRKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKIDPTLCYFTMH\*CECY\*D\*\*DQ\*YK\*LEKDGYRRNKKLLFQCYHRQKR\*DAKRICIFL\*T\*CSTNK\*\*\*YC\*E\*E\*QL\*VDKL\*HFRHHTGLSKGIL\*ANSHTLLCPGWFCDYKV\*R\*\*VQWNRTM\*KCQYSTMHTWN\*ASSSNSIAVKWQSSRRRGNN\*I\*EFF\*\*C\*NHNSTVE\*NCRNSLYETQQ\*YKKKYNYRTRESILYNRTNNRRYKTSTL\*H\*WNSLERSFKTDSYKIRRTI\*E\*NNSLYKFLRRGSRSCNAHF\*L\*RRIFLL\*LNTTV\*\*YLE\*D\*K\*VE\*YY\*HTREHHPQM\*NKTNYKHVAGSRKSNVCPSYQWPN\*LYIKYYRAAINKRWW\*PQQH\*\*DLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEESGAEREKSSGNRSIVPWVLGSSRKHXGRSVNDADGTSQAIIVWYSATAE\*LAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHFCALEC\*LE\*\*ISGNDLE\*HDMDGVGKRN\*QLHKIDIQLN\*RIAKPTRKK\*TRVIGIR\*MGKFVELVHHNTLAVVHKNIHNNSGRFDRFKNSLCCTCYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2006.JF320418.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VIHVMQPLMILAIVALVVAAILAIVVWTIVFIEYRKIRRQKRIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDVIDDL\*CCRTIVGHSLLWGTCMERSKHHSILCIRC\*SI\*NRGT\*CLGHTCLCAHRP\*PARSIIRKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKIDPTLCYFTMH\*CECY\*D\*\*DQ\*YK\*LEKDGYRRNKKLLFQCYHRQKR\*DAKRICIFL\*T\*CSTNK\*\*\*YC\*E\*E\*QL\*VDKL\*HFSHHTGLSKGIL\*ANSHTLLCPGWFCDYKV\*R\*\*VQWNRTM\*KCQYSTMHTWN\*ASSSNSIAVKWQSSRRRGNN\*I\*EFF\*\*C\*NHNSTVE\*NCRNSLYETQQ\*YKKKYNYRTRESILYNRTNNRRYKTSTL\*H\*WNSLERSFKTDSYKIRRTI\*E\*NNSLYKFLRRGSRSCNAHF\*L\*RRIFLL\*LNTTV\*\*YLE\*D\*K\*VE\*YY\*HTREHHPQM\*NKTNYKHVAGSRKSNVCPSYQWPN\*LYIKYYRAAINKRWW\*PQQH\*\*DLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEESGAEREKSSGNRSIVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAE\*LAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHFCALEC\*LE\*\*ISEYDLE\*HDMDGVGKRN\*QLHKIDIQLN\*RIAKPTRKK\*TRVIGIR\*MGKFVELVHHNTLAVVHKNIHNNSGRFDRFKNSLCCTCYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2006.JF320419.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VIHVMQPLMILAIVALVVAAILAIVVWTIVFIEYRKIRRQKRIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDVIDDL\*CCRTIVGHSLLWGTCMERSKHHXILCIRC\*SI\*NRGT\*CLGHTCLCAHRP\*PTRSIIRKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKIDPTLCYFTMH\*CECY\*D\*\*DQ\*YK\*LEKDGYRRNKKLLFQCYHRQKR\*DAKRICIFL\*T\*CSTNK\*\*\*YC\*E\*E\*QL\*VDKL\*HFSHHTGLSKGIL\*ANSHTLLCPGWFCDYKV\*R\*\*VQWNRTM\*KCQYSTMHTWN\*ASSSNSIAVKWQSSRRRGNN\*I\*EFF\*\*C\*NHNSTVE\*NCRNSLYETQQ\*YKKKYNYRTRESILYNRTNNRRYKTSTL\*H\*WNSLERSLKTDSYKIRRTI\*E\*NNSLCKFLRRGSRSCNAHF\*L\*RRIFLL\*LNTTV\*\*YLE\*D\*K\*VE\*YY\*HTREHHPQM\*NKTNYKHVAGSRKSNVCPSYQWPN\*LYIKYYRAAINKRWW\*PQQH\*\*DLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEESGAEREKSSGNRSIVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAE\*LAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHFCALEC\*LE\*\*ISGNDLE\*HDMDGVGKRN\*QLHKIDIQLN\*RIAKPTRKK\*TRVIGIR\*MGKFVELVHHNTLAVVHKNIHNNSGRFDRFKNSLCCTCYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2006.JF320420.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VIHVMQPLMILAIVALVVAAILAIVVWTIVFIEYRKIRRQKRIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDVIDDL\*CCRTIVGHSLLWXTCMERSKHHSILCIRC\*SI\*NRGT\*CLGHTCLCAHRP\*PTRSIIRKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKIDPTLCYFTMH\*CECY\*D\*\*DQ\*YK\*LEKDGYRRNKKLLFQCYHRQKR\*DAKRICIFL\*T\*CSTNK\*\*\*YC\*E\*E\*QL\*VDKL\*HFSHHTGLSKGIL\*ANSHTLLCPGWFCDYKV\*X\*\*VQWNRTM\*KCQYSTMHTWN\*ASSSNSIAVKWQSSRRRGNN\*I\*EFF\*\*C\*NHNSTVE\*NCRNSLYETQQ\*YKKKYNYRTRESILYNRTNNRRYKTSTL\*H\*WNSLERSFKTDSYKIRRTI\*E\*NNSLYKFLRRGSRSCNAHX\*L\*RRIFLL\*LNTTV\*\*YLE\*D\*K\*VE\*YY\*HTREHHPQM\*NKTNYKHVAGSRKSNVCPSYQWPN\*LYIKYYRAAINKRWW\*PQQH\*\*DLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TXRSSTHQGKEESGAEREKSSGNRSIVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAE\*LAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHFCALEC\*LE\*\*ISGXDLE\*HDMDGVGKRN\*QLHKIDIQLN\*RIAKPTRKK\*TRVIGIR\*MGKFVELVHHNTLAVVHKNIHNNSGRFDRFKNSLCCTCYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2007.JF320422.-

MEPIDPSLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRSPQSSKIDQAPLSKQ\*VVYVMQPLTILAIAALVVAAILAIVVWTIVGIEYRKILRQRKINRLLDRIAERAEDSGNESEGDQEELSALVERGHLEMGHHAPWDVNDL\*CCXGSGVGHSLLWSTCVERGKNHSVLCLRC\*RI\*YRGT\*CLGHTRLCTHRPQPTRSSNGKCDRRI\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*CKC\*\*DYLCLL\*Q\*\*\*\*WVGRNEKLLFQYHHSHER\*GSERTGTFS\*P\*YSTNKG\*G\*\*QYQCHIYIEKL\*HLCHYSGLSKDIF\*ANSHTLLCPGWFCDSKV\*Q\*KVQWNRTMYKCQHSTMYTWD\*ASSVNSIAVKWQPNRRRDSN\*IQK\*LEQC\*YHNSTSK\*ICTN\*LYKTR\*QYKKKYILRTRESNLCNRGYNRRYKTSTLQH\*WSTMEEHFKKGSYKIKRTI\*\*\*DNRL\*ATHRRGPRNCNAQL\*LWRGIFYCNTILLFNSTWGSNETRNETIDNSTITIQCKIKQLINMWQGVGRAMYAPPIRGNISCSSNITGLLLTRDGGDNRTNGTETFRPEGGNMKDNWRNELYKYKVVKIEPLGIAPTKARRRVVQRERRAAGLGALFIGFLSAAGSTMGAASLTLTVQARQLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLRDQQLLGLWGCSGKIICTTSVTWNSTWSNKSLDEIWKNMTWMQWEKEIDNYTDIIYTLLEKSQNQQEKNEQELLELDKWASLWSWFDITNWLWYIKIFIMIVGGLIGLRIVFTVISIVSRVRQGYSPLSFQTRLPAQRGPDRPEGTEEGGGERDRDTSGWL

>B.2007.JF320423.-

MEPIDPSLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRSPQSSKIDQAPLSKQ\*VVYVMQPLTILAIAALVVAAILAIVVWTIVGIEYRKILRQRKINRLLDRIAERAEDSGNESEGDQEELSALVERGHLEMGHHAPWDVNDL\*CCRGSGVGHSLLWSTCVERGKNHSVLCLRC\*RI\*YRGT\*CLGHTRLCTHRPQPTRSSNGKCDRRI\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*CKC\*\*DYLCLL\*Q\*\*\*\*WVGRNEKLLFQYHHSHER\*GSERTGTFS\*P\*YSTNKG\*G\*\*QYQCHIYVEKL\*HLCHYSGLSKDIF\*ANSHTLLCPGWFCDSKV\*Q\*KVQWNRTMYKCQHSTMYTWD\*ASSVNSIAVKWQPNRRRDSN\*IQK\*LEQC\*YHNSTSK\*ICTN\*LYKTR\*QYKKKYILRTRESNLCNRGYNRRYKTSTLQH\*WSTMEEHFKKGSYKIKRTI\*\*\*DNRL\*ATHRRGPRNCNAQL\*LWRGISLL\*YNIIV\*\*YLGV\*\*N\*E\*DYRQ\*HYHNSM\*NKTIYKHVAGGRKGNVCPSHQGKH\*LFIKYYRTTINKRWWRQWDRWY\*DLQT\*RRKYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSRTGSFVHWVLVSSRKHYGRSITNADGTSQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQTAPGKSPSCGKIPKGSTAPRTLGLLWKNHLHH\*CDLE\*YLE\*\*ISG\*DLEKHDLDAVGKRN\*QLHRHNIHLT\*KIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCNFYSE\*S\*AGILTIVISDPPPSTEGTRQARRNRRRRWRERQRHIRLA

>B.2007.JF320424.-

MEPIDPSLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRSPQSSKIDQAPLSKQ\*VVYVMQPLAILAIAALVVAAILAIVVWTIVGIEYRKILRQRKINRLLDRIAERAEDSGNESEGDQEELSALVERGHLEMGHHAPWDVNDL\*CCRGSGVGHSLLWSTCVERGKNHSVLCLRC\*RI\*YRGT\*CLGHTRLCTHRPQPTRSSNGKCDRRI\*HVEK\*HGRTDA\*GYKQFMGSKLKAMCKINPTLCYFKLH\*CKC\*\*DYLCLL\*Q\*\*\*\*WVGRNEKLLFQYHHSHER\*GSERTGTFS\*P\*YSTNKG\*G\*\*QYQCHIYVEKL\*HLCHYSGLSKDIF\*ANSHTLLCPGWFCDSKV\*Q\*KVQWNRTMYKCQHSTMYTWD\*ASSINSIAVKWQPNRRRDSN\*IQK\*LEQC\*YHNSTSK\*ICTN\*LYKTW\*QYKKKYILRTRESNLCNRGXNRRYKTSTLQH\*WSTMEEHFKKGSYKIKRTI\*\*\*DNRL\*ATHRRGPRNCNAQL\*LWRGIFLL\*YNIIV\*\*YLGV\*\*D\*E\*DYRQ\*HYHNSM\*NKTTYKHVAGGRKGNVCPSHQGKH\*LFIKYYRTTINKRWWKQWDKWY\*DLQT\*RRKYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSRTGSFVHWVLVSSRKHYGRSITNADGTSQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQTAPGKSPSCGKIPKGSTAPRTLGLLWKNHLHH\*CDLE\*YLE\*\*ISG\*DLEKHDLDAVGKRN\*QLHRHNIHLT\*KIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCNFYSE\*S\*AGILTIVISDPPPSTEGTRQARRNRRRRWRERQRHIRLA

>B.2007.JF320425.-

MEPIDPSLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRSPQSSKIDQAPLSKQ\*VVYVMQPLTILAIAALVVAAILAIVVWTIVGIEYRKILRQRKINRLLDRIAERAEDSGNESEGDQEELSALVERGHLEMGHHAPWDVNDL\*CCRGSGVGHSLLWSTCVERGKNHSVLCLRC\*RI\*YRGT\*CLGHTRLCTHRPQPTRSSNGKCDRRI\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCYFRLH\*CKC\*\*DYLCLL\*Q\*\*\*\*WVGRNEKLLFQYHHSHER\*GSERTGTFS\*P\*YSTNKG\*G\*\*QYQCHIYVEKL\*HLCHYSGLSKDIF\*ANSHTLLCPGWFCDSKV\*Q\*KVQWNRTMYKCQHSTMYTWD\*ASSVNSIAVKWQPNRRRDSN\*IQK\*LEQC\*YHNSTSK\*ICTN\*LYKTR\*QYKKKYILRTRESNLCNRGYNRRYKTSTLQH\*WSTMEEHFKKGSYKIKRTI\*\*\*DNRL\*ATHRRGPRNCNAQL\*LWRGIFLL\*YSIIV\*\*YLGV\*\*D\*E\*DYRQ\*HYHNSM\*NKTTYKHVAGGRKGSVCPSHQGKH\*LFIKYYRTTINKRWWRQ\*DKWY\*DLQT\*RRKYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSRTGSFVHWVLVSSRKHYGRSITNADGTSQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQTAPGKSPSCGKIPKGSTAPRTLGLLWKNHLHH\*CDLE\*YLE\*\*ISG\*DLEKHDLDAVGKRN\*QLHRHNIHLT\*KIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCNFYSE\*S\*AGILTIVISDPPPSTEGTRQARRNRRRRWRERQRHIRLA

>B.2007.JF320426.-

MEPIDPSLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRSPQSSKIDQAPLSKQ\*VVYVMQPLTILAIAALVVAAILAIVVWTIVGIEYRKILRQRKINRLLDRIAERAEDSGNESEGDQEELSALVERGHLEMGHHAPWDVNDL\*CCRGSGVGHSLLWSTCVERGKNHSVLCLRC\*RI\*YRGT\*CLGHTRLCTHRPQPTRSSNGKCDRRI\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*CKC\*\*DYLCLL\*Q\*\*\*QWVGRNEKLLFQYHHSHER\*GSERTGTFS\*P\*YSTNKG\*G\*\*QYQCHIYVEKL\*HLCHYSGLSKDIF\*ANSHTLLCPGWFCDSKV\*Q\*KVQWNRTMYKCQHSTMYTWD\*ASSVNSIAVKWQPNRRRDSN\*IQK\*LEQC\*YHNSTSK\*ICTN\*LYKTR\*QYKKKYILRTRESNLCNRGYNRRYKTSTLQH\*WSTMEEHFKKGSYKIKRTI\*\*\*DNRL\*ATHRRGPRNCNAQL\*LWRGIFLL\*YNIIV\*\*YLGV\*\*D\*E\*DYRQ\*HYHNSM\*NKTTYKHVAGGRKGNVCPSHQGKH\*LFIKYYRTTINKRWWRQ\*DKWY\*DLQT\*RRKYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSRTGSFVHWVLVSSRKHYGRSITNADGTSQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQTAPGKSPSCGKIPKGSTAPRTLGLLWKNHLHH\*CDLE\*YLE\*\*ISG\*DLEKHDLDAVGKRN\*QLHRHNIHLT\*KIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCNFYSE\*S\*AGILTIVISDPPPSTEGTRQARRNRRRRWRERQRHIRLA

>B.2006.JF320427.-

MEPVDPRLEPWQHPGSQPRTDCNNCYCKACCFHCQSCFIKKGLGISYGRKKRRQRRRSPQDSEIHQAALSKQ\*VVNVMQPIQIAAIAALVIAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVEMGHLAPWDVNDL\*YCRKIVGHSLLWGTCVERSNHHSILCI\*C\*SI\*FRGT\*CLGHTCLCTHRPQSTRSSFGKCDRKV\*HVEK\*HGRTDA\*GYN\*FMGSKLKAMCKINPTLCYFKLH\*\*SNGETQ\*YCFF\*\*YQRRNTKLLFQYHLKYKR\*GAESICTFL\*T\*CSTNR\*\*\*\*YQL\*ADKL\*HLSHHTGLSKDNL\*TNSYTLLCSCWFCDSKM\*\*\*KVQWNRTMYKCQHSTMYTWN\*TSSINPTTVKW\*SGRRRDSN\*I\*KYHKQC\*NHNSASERICRN\*LYKTQQQYKKRYTSRTREGILYNRRNNRRYKTSTLHP\*\*GKME\*HFKKGS\*KIKRTI\*GI\*E\*SNSF\*SICRRGPRNYNAHF\*LWRRIFLLQYNSTV\*\*YMERYRGDK\*CYRKYHTPMQNKTSYKQMAGSRKSNVCPSH\*RSN\*MCIKYHRDTINERWG\*\*\*\*Y\*SHRDIQTWRRRYERQLER\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHDGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATTYVATHSLGHQAAPSKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALE\*QLES\*\*ISRADLEQHDLDGVGQRN\*QLHRLNILLN\*TIAKPTGKE\*KRIIRIG\*MGKFMELV\*YNKLAVVYKNIHNDSRRLDRFKNSFYSTLSSE\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRARQRQIHTI

>B.2006.JF320428.-

MEPVDPRLEPWQHPGSQPRTDCNNCYCKACCFHCQSCFIKKGLGISYGRKKRRQRRRSPQDSEIHQAALSKQ\*VVNVMQPIQIAAIAALVIAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVEMGHLAPWDVNDL\*YCRKIVGHSLLWGTCVERSNHHSILCI\*C\*SI\*FRGT\*CLGHTCLCTHRPQSTRSSFGKCDRKV\*HVEK\*HGRTDA\*GYN\*FMGSKLKAMCKINPTLCYFKLH\*\*SNGETQ\*YCFF\*\*YQRRNTKLLFQYHLKYKR\*GAESICTFL\*T\*CSTNR\*\*\*\*YQL\*ADKL\*HLSHHTGLSKDNL\*TNSYTLLCSCWFCDSKM\*\*\*KVQWNRTMYKCQHSTMYTWN\*TSSINPTTVKW\*SGRRRDSN\*I\*KYHKQC\*NHNSASERICRN\*LYKTQQQYKKRYTSRTREGILYNRRNNRRYKTSTLHP\*\*GKME\*HFKKGS\*KIKRTI\*GI\*E\*SNSF\*SICRRGPRNYNAHF\*LWRRIFLLQYNSTV\*\*YMERYRGDK\*CYRKYHTPMQNKTSYKQMAGSRKSNVCPSH\*RSN\*MCIKYHRDTINERWG\*\*\*\*Y\*SHRDIQTWRRRYERQLER\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHDGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATTYVATHSLGHQAAPSKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALE\*QLES\*\*ISRADLEQHDLDGVGQRN\*QLHRLNILLN\*TIAKPTGKE\*KRIIRIG\*MGKFMELV\*YNKLAVVYKNIHNDSRRLDRFKNSFYSTLSSE\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRARQRQIHTI

>B.2006.JF320429.-

MEPVDPRLEPWQHPGSQPRTDCNNCYCKACCFHCQSCFIKKGLGISYGRKKRRQRRRSPQDSEIHQAALSKQ\*VVNVMQPIQIAAIAALVIAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVEMGHLAPWDVNDL\*YCRKIVGHSLLWGTCVERSNHHSILCI\*C\*SI\*FRGT\*CLGHTCLCTHRPQSTRSSFGKCDRKV\*HVEK\*HGRTDA\*GYN\*FMGSKLKAMCKINPTLCYFKLH\*\*SNGETQ\*YCFF\*\*YQRRNTKLLFQYHLKYKR\*GAESICTFL\*T\*CSTNR\*\*\*\*YQL\*ADKL\*HLSHHTGLSKDNL\*TNSYTLLCSCWFCDSKM\*\*\*KVQWNRTMYKCQHSTMYTWN\*TSSINPTTVKW\*SGRRRDSN\*I\*KYHKQC\*NHNSASERICRN\*LYKTQQQYKKRYTSRTREGILYNRRNNRRYKTSTLHP\*\*GKME\*HFKKGS\*KIKRTI\*GI\*E\*SNSF\*SICRRGPRNYNAHF\*LWRRIFLLQYNSTV\*\*YMERYRGDK\*CYRKYHTPMQNKTSYKQMAGSRKSNVCPSH\*RSN\*MCIKYHRDTINERWG\*\*\*\*Y\*SHRDIQTWRRRYERQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHDGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATTYVATHSLGHQAAPSKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALE\*QLES\*\*ISRADLEQHDLDGVGQRN\*QLHRLNILLN\*TIAKPTGKE\*KRIIRIG\*MGKFMELV\*YNKLAVVYKNIHNDSRRLDRFKNSFYSTLSSE\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRARQRQIHTI

>B.2006.JF320430.-

MEPVDPRLEPWQHPGSQPRTDCNNCYCKACCFHCQSCFIKKGLGISYGRKKRRQRRRSPQDSEIHQAALSKQ\*VVNVMQPIQIAAIAALVIAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVEMGHLAPWDVNDL\*YCRKIVGHSLLWGTCVERSNHHSILCI\*C\*SI\*FRGT\*CLGHTCLCTHRPQSTRSSFGKCDRKV\*HVEK\*HGRTDA\*GYN\*FMGSKLKAMCKINPTLCYFKLH\*\*SNGETQ\*YCFF\*\*YQRRNTKLLFQYHLKYKR\*GAESICTFL\*T\*CSTNR\*\*\*\*YQL\*ADKL\*HLSHHTGLSKDNL\*TNSYTLLCSCWFCDSKM\*\*\*KVQWNRTMYKCQHSTMYTWN\*TSSINPTTVKW\*SGRRRDSN\*I\*KYHKQC\*NHNSASERICRN\*LYKTQQQYKKRYTSRTREGILYNRRNNRRYKTSTLHP\*\*GKME\*HFKKGS\*KIKRTI\*GI\*E\*SNSF\*SICRRGPRNYNAHF\*LWRRIFLLQYNSTV\*\*YMERYRGDK\*CYRKYHTPMQNKTSYKQMAGSRKSNVCPSH\*RSN\*MCIKYHRDTINERWG\*\*\*\*Y\*SHRDIQTWRRRYERQLER\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHDGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATTYVATHSLGHQAAPSKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALE\*QLES\*\*ISRADLEQHDLDGVGQRN\*QLHRLNILLN\*TIAKPTGKE\*KRIIRIG\*MGKFMELV\*YNKLAVVYKNIHNDSRRLDRFKNSFYSTLSSE\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRARQRQIHTI

>B.2006.JF320431.-

MEPVDPRLEPWQHPGSQPRTDCNNCYCKACCFHCQSCFIKKGLGISYGRKKRRQRRRSPQDSEIHQAALSKQ\*VVNVMQPIQIAAIAALVIAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSELVEMGHLAPWDVNDL\*YCRKIVGHSLLWGTCVERSNHHSILCI\*C\*SI\*FRGT\*CLGHTCLCTHRPQSTRSSFGKCDRKV\*HVEK\*HGRTDA\*GYN\*FMGSKLKAMCKINPTLCYFKLH\*\*SNGETQ\*YCFF\*\*YQRRNTKLLFQYHLKYKR\*GAESICTFL\*T\*CSTNR\*\*\*\*YQL\*ADKL\*HLSHHTGLSKDNL\*TNSYTLLCSCWFCDSKM\*\*\*KVQWNRTMYKCQHSTMYTWN\*TSSINPTTVKW\*SGRRRDSN\*I\*KYHKQC\*NHNSASERICRN\*LYKTQQQYKKRYTSRTREGILYNRRNNRRYKTSTLHP\*\*GKME\*HFKKGS\*KIKRTI\*GI\*E\*SNSF\*SICRRGPRNYNAHF\*LWRRIFLLQYNSTV\*\*YMERYRGDK\*CYRKYHTPMQNKTSYKQMAGSRKSNVCPSH\*RSN\*MCIKYHRDTINERWG\*\*\*\*Y\*SHRDIQTWRRRYERQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHDGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATTYVATHSLGHQAAPSKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALE\*QLES\*\*ISRADLEQHDLDGVGQRN\*QLHRLNILLN\*TIAKPTGKE\*KRIIRIG\*MGKFMELV\*YNKLAVVYKNIHNDSRRLDRFKNSFYSTLSSE\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRARQRQIHTI

>B.2007.JF320433.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCMHCQVCFLTKGLGISYGRKKRRQRRRRAPQNSQTHQASLPEQ\*VVHVMQSLVILAIVALVATAIIAIVVWTIVFLEYRKIVRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLEMGHHAPRNVDDL\*CCRTIVGHSLLWGTCVERSKHHSILRIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLC\*FNL\*\*FGE\*Y\*CH\*\*LELERDGERRNKELLFQYHHRLRRKKERPFTL\*YT\*CGTNR\*\*\*Y\*TKR\*\*Y\*CYHYL\*EL\*VDKL\*YLSH\*AGLSKGNL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWNRTMYKCQYSAMYTWN\*ASSINSTAVKWQSSRRRRGNN\*V\*KLLGQY\*NHNSTAEQLCRN\*MYKTQ\*QYKKKYTYGTREIIFYNRDNRRYKTSTLQP\*WNRLE\*HSRADSYKIKKTIWEK\*NNNL\*\*IRRRGPRS\*NAHF\*LWGGIFLL\*YNKTV\*\*YLVC\*WYSED\*RV\*\*\*WQYHTPL\*NKTNYKQVAGSRKSNVCPSHCRTN\*MYIKYYRAAINMGWW\*\*WWKRHWNKK\*RNRGF\*TIRRKYEGQLEK\*II\*V\*SSKS\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVINADGTSQTIVVWYSATAEQSAESY\*GATASAATHSLGHQTAPGKNPGCGKIPT\*STAPGNLGLLWKTHLHHYCALEC\*LE\*\*IFGGNLE\*HDLDGVGKGNWQLHKLNIQLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRLKNSFYGTFYSAES\*AGILTIIVSDPPPGPQGTRQARRNRRRRWREKQRQIRAL

>B.2007.JF320434.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCMHCQVCFLTKGLGISYGRKKRRQRRRRAPQNSQTHQASLPEQ\*VVHVMQSLVILAIVALVATAIIAIVVWTIVFLEYRKIVRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLEMGHHAPRNVDDL\*CCRTIVGHSLLWGTCVERSKHHSILRIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLC\*FNL\*\*FGE\*Y\*CH\*\*LELERDGERRNKELLFQYHHRLRRKKERPFTL\*YT\*CGTNR\*\*\*Y\*TKR\*\*Y\*CYHYL\*EL\*VDKL\*YLSH\*AGLSKGNL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWNRTMYKCQYSAMYTWN\*ASSINSTAVKWQSSRRRRGNN\*V\*KLLGQY\*NHNSTAEQLCRN\*MYKTQ\*QYKKKYTYGTREIIFYNRDNRRYKTSTLQP\*WNRLE\*HSRADSYKIKKTIWEK\*NNNL\*\*IRRRGPRS\*NAHF\*LWGGIFLL\*YNKTV\*\*YLVC\*WYSED\*RV\*\*\*WQYHTPL\*NKTNYKQVAGSRKSNVCPSHCRTN\*MYIKYYRAAINMGWW\*\*WWKRHWNKK\*RNRGF\*TIRRKYEGQLEK\*II\*V\*SSKS\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVINADGTSQTIVVWYSATAEQSAESY\*GATASAATHSLGHQTAPGKNPGCGKIPT\*STAPGNLGLLWKTHLHHYCALEC\*LE\*\*IFGGNLE\*HDLDGVGKGNWQLHKLNIQLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRLKNSFYGTFYSAES\*AGILTIIVSDPPPGPQGTRQARRNRRRRWREKQRQIRAL

>B.2007.JF320435.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCMHCQVCFLTKGLGISYGRKKRRQRRRRAPQNSQTHQASLPEQ\*VVHVMQSLVILAIVALVATAIIAIVVWTIVFLEYRKIVRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLEMGHHAPRNVDDL\*CCRTIVGHSLLWGTCVERSKHHSILRIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLC\*FNL\*\*FGE\*Y\*CH\*\*LELERDGERRNKELLFQYHHRLRRKKERPFTL\*YT\*CGTNR\*\*\*Y\*TKR\*\*Y\*CYHYL\*EL\*VDKL\*YLSH\*AGLSKGNL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWNRTMYKCQYSAMYTWN\*ASSINSTAVKWQSSRRRRGNN\*V\*KLLGQY\*NHNSTAEQLCRN\*MYKTQ\*QYKKKYTYGTREIIFYNRDNRRYKTSTLQP\*WNRLE\*HSRADSYKIKKTIWEK\*NNNL\*\*IRRRGPRS\*NAHF\*LWGGIFLL\*YNKTV\*\*YLVC\*WYSED\*RV\*\*\*WQYHTPL\*NKTNYKQVAGSRKSNVCPSHCRTN\*MYIKYYRAAINMGWW\*\*WWKRHWNKK\*RNRGF\*TIRRKYEGQLEK\*II\*V\*SSKS\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVINADGTSQTIVVWYSATAEQSAESY\*GATASAATHSLGHQTAPGKNPGCGKIPT\*STAPGNLGLLWKTHLHHYCALEC\*LE\*\*IFGGNLE\*HDLDGVGKGNWQLHKLNIQLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRLKNSFYGTFYSAES\*AGILTIIVSDPPPGPQGTRQARRNRRRRWREKQRQIRAL

>B.2007.JF320436.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCMHCQVCFLTKGLGISYGRKKRRQRRRRAPQNSQTHQASLPEQ\*VVHVMQSLVILAIVALVATAIIAIVVWTIVFLEYRKIVRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLEMGHHAPRNVDDL\*CCRTIVGHSLLWGTCVERSKHHSILRIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLC\*FNL\*\*FGE\*Y\*CH\*\*LELERDGERRNKELLFQYHHRLRRKKERPFTL\*YT\*CGTNR\*\*\*Y\*TKR\*\*Y\*CYHYL\*EL\*VDKL\*YLSH\*AGLSKGNL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWNRTMYKCQYSAMYTWN\*ASSINSTAVKWQSSRRRRGNN\*V\*KLLGQY\*NHNSTAEQLCRN\*MYKTQ\*QYKKKYTYGTREIIFYNRDNRRYKTSTLQP\*WNRLE\*HSRADSYKIKKTIWEK\*NNNL\*\*IRRRGPRS\*NAHF\*LWGGIFLL\*YNKTV\*\*YLVC\*WYSED\*RV\*\*\*WQYHTPL\*NKTNYKQVAGSRKSNVCPSHCRTN\*MYIKYYRAAINMGWW\*\*WWKRHWNKK\*RNRGF\*TIRRKYEGQLEK\*II\*V\*SSKS\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVINADGTSQTIVVWYSATAEQSAESY\*GATASAATHSLGHQTAPGKNPGCGKIPT\*STAPGNLGLLWKTHLHHYCALEC\*LE\*\*IFGGNLE\*HDLDGVGKGNWQLHKLNIQLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRLKNSFYGTFYSAES\*AGILTIIVSDPPPGPQGTRQARRNRRRRWREKQRQIRAL

>B.2007.JF320438.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCMHCQVCFLTKGLGISYGRKKRRQRRRRAPQNSQTHQASLPEQ\*VVHVMQSLVILAIVALVATAIIAIVVWTIVFLEYRKIVRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLEMGHHAPRNVDDL\*CCRTIVGHSLLWGTCVERSKHHSILRIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLC\*FNL\*\*FGE\*Y\*CH\*\*LELERDGERRNKELLFQYHHRLRRKKERPFTL\*YT\*CGTNR\*\*\*Y\*TKR\*\*Y\*CYHYL\*EL\*VDKL\*YLSH\*AGLSKGNL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWNRTMYKCQYSAMYTWN\*ASSINSTAVKWQSSRRRRGNN\*V\*KLLGQY\*NHNSTAEQLCRN\*MYKTQ\*QYKKKYTYGTREIIFYNRDNRRYKTSTLQP\*WNRLE\*HSRADSYKIKKTIWEK\*NNNL\*\*IRRRGPRS\*NAHF\*LWGGIFLL\*YNKTV\*\*YLVC\*WYSED\*RV\*\*\*WQYHTPL\*NKTNYKQVAGSRKSNVCPSHCRTN\*MYIKYYRAAINMGWW\*\*WWKRHWNKK\*RNRGF\*TIRRKYEGQLEK\*II\*V\*SSKS\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVINADGTSQTIVVWYSATAEQSAESY\*GATASAATHSLGHQTAPGKNPGCGKIPT\*STAPGNLGLLWKTHLHHYCALEC\*LE\*\*IFGGNLE\*HDLDGVGKGNWQLHKLNIQLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRLKNSFYGTFYSAES\*AGILTIIVSDPPPGPQGTRQARRNRRRRWREKQRQIRAL

>B.2006.JF320440.-

MEPIDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTHQDSQTHQASLPEQ\*VVYVMHSLEIYAIVALVIVAIIAIVVWTWVLIEYRKIRKQRKIDRLIDRIIERAEDSGNESDGDQEELSALVERGHLAPWDINDL\*YCRRLVGHNLLWGTCVEGSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRNRIGKCNRKF\*HVEK\*HGRPNA\*RCNQFMGSKSKAMCRVNPTLCYFKLH\*SKKYC\*CH\*\*DNERGGRNEKLLFLYHHKNGR\*DT\*KSGTFL\*P\*YSTNK\*\*\*\*YQL\*VDKL\*HLNHYTGLSKDIF\*ANSYTLLYPGWFCDSKV\*G\*EV\*WNRTM\*KC\*HSAMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*EFHRQC\*NYNSTAKRSCKHYMYTTQQQYKKRYTHGTRESILYNRRHSRRYKTSTL\*P\*\*NTMGEDFTTSR\*KIKRTI\*E\*NNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YNNTV\*\*HLE\*Y\*RDK\*HK\*HYHTPMQNKTN\*KHVAESRKSNICPSHQRTN\*VFIKYYRAAINKRWWY\*QQQH\*E\*DLQTWRRRHEGQLEK\*II\*I\*SSKS\*TSRNSTHQGKEKSGAERKKSGGNTRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQSAEGY\*GATAHVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCALE\*\*LE\*QICG\*HLEQYDLDAMGKRN\*QLHKSNIHLT\*DIAEPTRKE\*TRIIGIG\*VGKSVELV\*HIKLAVVYKNIHNVSRKLNRFKNSFCCTFYSEKS\*AGILTIIVTDPPPSSEGTRQARRNRRRRWRERQRAIRTI

>B.2006.JF320442.-

MEPIDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTHQDSQTHQASLPEQ\*VVYVMHSLEIYAIVALVIVAIIAIVVWTWVLIEYRKIRKQRKIDRLIDRIIERAEDSGNESDGDQEELSALVERGHLAPWDINDL\*YCRRLVGHNLLWGTCVEGSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRNRIGKCNRKF\*HVEK\*HGRPNA\*RCNQFMGSKSKAMCRVNPTLCYFKLH\*SKKYY\*CH\*\*DNERGGRNEKLLFLYHHKNGR\*DT\*KSGTFL\*P\*YSTNK\*\*\*\*YQL\*VDKL\*HLNHYTGLSKDIF\*ANSYTLLYPGWFCDSKV\*G\*EV\*WNRTM\*KC\*HSAMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*EFHRQC\*NYNSTAKRSCKHYLYTTQQQYKKRYTHGTRESILYNRRHNRRYKTSTL\*P\*\*NTMGEDFTTSR\*KIKRTI\*E\*NNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YNNTV\*\*HLE\*Y\*RDK\*HK\*HYHTPMQNKTNYKHVAENRKSNICPSHQRTN\*VFIKYYRAAINKRWWY\*QQQH\*E\*DLQTWRRRHEGQLEK\*II\*I\*SSKS\*TSRNSTHQGKEKSGAERKKSSGNTRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQSAEGY\*GATAHVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCALE\*\*LE\*QICG\*HLEQYDLDAMGKRN\*QLHKSNIHLT\*DIAEPTRKE\*TRIIGIG\*VGKSVELV\*HIKLAVVYKNIHNVSRKLNRFKNSFCCTFYSEKS\*AGILTIIVTDPPPSSEGTRQARRNRRRRWRERQRAIRTI

>B.2006.JF320443.-

MEPIDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTHQDSQTHQASLSEQ\*VVYVMHSLEIYAIVALVIVAIIAIVVWTWVLIEYRKIRKQRKIDRLIDRIIERAEDSGNESDGDQEELSALVERGHLAPWDINDL\*YCRRLVGHNLLWGTCVEGSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRNRIGKCNRKF\*HVEK\*HGRPNA\*RCNQFMGSKSKAMCRVNPTLCYFKLH\*SKKYC\*CH\*\*DNERGGRNEKLLFLYHHKNGR\*DT\*KSGTFL\*P\*YSTNK\*\*G\*YQL\*VDKL\*HLNHYTGLSKDIF\*ANSYTLLYPGWFCDSKV\*G\*EV\*WNRTM\*KC\*HSAMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*EFHRQC\*NYNSTAKRSCKHYLYTTQQQYKKRYTHGTRESILYNRRHNRRYKTSTL\*P\*\*NTMGEDFTTSR\*KIKRTI\*E\*NNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YNNTV\*\*HLE\*Y\*RDK\*HK\*HYHTPMQNKTN\*KHVAESRKSNICPSHQRTN\*VFIKYYRAAINKRWWY\*QQQH\*E\*DLQTWRRRHEGQLEK\*II\*I\*SSKS\*TSRNSTHQGKEKSGAERKKSSGNTRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQSAEGY\*GATAHVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCALE\*\*LE\*QICG\*HLEQYDLDAMGKRN\*QLHKSNIHLT\*DIAEPTRKE\*TRIIGIG\*VGKSVELV\*HIKLAVVYKNIHNVSRKLNRFKNSFCCTFYSEKS\*AGILTIIVTDPPPSSEGTRQARRNRRRRWRERQRAIRTI

>B.2006.JF320447.-

MEPIDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTHQDSQTHQASLSEQ\*VVYVMHSLEIYAIVALVIVAIIAIVVWTWVLIEYRKIRKQRKIDRLIDRIIERAEDSGNESDGDQEELSALVEKGHLAPWDINDL\*YCRRLVGHNLLWGTCVEGSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRNRIGKCNRKF\*HVEK\*HGRPNA\*RCNQFMGSKSKAMCRVNPTLCYFKLH\*SKKYC\*CH\*\*DNERGGRNEKLLFLYHHKNGR\*DT\*KSGTFL\*P\*YSTNK\*\*\*\*YQL\*VDKL\*HLNHYTGLSKDIF\*ANSYTLLYPGWFCDSKV\*G\*EV\*WNRTM\*KC\*HSAMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*EFHRQC\*NYNSTAKRSCKHYLYTTQQQYKKRYTHGTRESILYNRRHNRRYKTSTL\*P\*\*NTMGEDFTTSR\*KIKRTI\*E\*NNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YNNTV\*\*HLE\*Y\*RDK\*HK\*HYHTPMQNKTN\*KHVAESRKSNICPSHQRTN\*VFIKYYRAAINKRWWY\*QQQH\*E\*DLQTWRRRHEGQLEK\*II\*I\*SSKS\*TSRNSTHQGKEKSGAERKKSSGNTRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQSAEGY\*GATAHVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCALE\*\*LE\*QICG\*HLEQYDLDAMGKRN\*QLHKSNIHLT\*DIAEPTRKE\*TRIIGIG\*VGKSVELV\*HIKLAVVYKNIHNVSRKLNRFKNSFCCTFYSEKS\*AGILTIIVTDPPPSSEGTRQARRNRRRRWRERQRAIRTI

>B.2006.JF320450.-

MEPIDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTHQDSQTHQASLPEQ\*VVYVMHSLEIYAIVALVIVAIIAIVVWTWVLIEYRKIRKQRKIDRLIDRIIERAEDSGNESDGDQEELSALVERGHLAPWDINDL\*YCRRLVGHNLLWGTCVEGSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRNRIGKYNRKF\*HVEK\*HGRPNA\*RCNQFMGSKSKAMCRVNPTLCYFKLH\*SKKYY\*CH\*\*DNERGGRNEKLLFLYHHKNGR\*DT\*KSGTFL\*P\*YSTNK\*\*\*\*YQL\*VDKL\*HLNHYTGLSKDIF\*ANSYTLLYPGWFCDSKV\*G\*EV\*WNRTM\*KC\*HSAMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*EFHRQC\*NYNSTAKRSCKHYLYTTQQQYKKRYTHGTRESILYNRRHNRRYKTSTL\*P\*\*NTMGEDFTTSR\*KIKRTI\*E\*NNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YNNTV\*\*HLE\*Y\*RDK\*HK\*HYHTPMQNKTNYKHVAENRKSNICPSHQRTN\*VFIKYYRAAINKRWWY\*QQQH\*E\*DLQTWRRRHEGQLEK\*II\*I\*SSKS\*TSRNSTHQGKEKSGAERKKSSGNTRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQSAEGY\*GATAHVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCALE\*\*LE\*QICG\*HLEQYDLDAMGKRN\*QLHKSNIHLT\*DIAEPTRKE\*TRIIGIG\*VGKSVELV\*HIKLAVVYKNIHNVSRKLNRFKNSFCCTFYSEKS\*AGILTIIVTDPPPSSEGTRQARRNRRRRWRERQRAIRTI

>B.2006.JF320451.-

MEPIDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTHQDSQTHQAPLPEQ\*VVYVMHSLEIYAIVALVIVAIIAIVVWTWVLIEYRKIRKQKKIDRLIDRIIERAEDSGNESDGDQEELSALVERGHLAPWDINDL\*YCRRLVGHNLLWGTCVEGSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRNRIGKCNRKF\*HVEK\*HGRPNA\*RCNQFMGSKSKAMCRVNPTLCYFKLH\*SKKYY\*CH\*\*DNERGGRNEKLLFLYHHKNGR\*DT\*KSGTFL\*P\*YSTNK\*\*\*\*YQL\*VDKL\*HLNHYTGLSKDIF\*ANSYTLLYPGWFCDSKV\*G\*EV\*WNRTM\*KC\*HSAMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*EFHRQC\*NYNSTAKRSCKHYLYTTQQQYKKRYTHGTRESILYNRRHNRRYKTSTL\*P\*\*NTMGEDFTTSR\*KIKRTI\*E\*NNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YNNTV\*\*HLE\*Y\*RDK\*HK\*HYHTPMQNKTNYKHVAESRKSNICPSHQRTN\*VFIKYYRAAINKRW\*Y\*QQQH\*E\*DLQTWRRRHEGQLEK\*II\*I\*SSKS\*TSRNSTHQGKEKSGAERKKSSGNTRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQSAEGY\*GATAHVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCALE\*\*LE\*QICG\*HLEQYDLDAMGKRN\*QLHKSNIHLT\*DIAEPTRKE\*TRIIGIG\*VGKSVELV\*HIKLAVVYKNIHNVSRKLNRFKNSFCCTFYSEKS\*AGILTIIVTDPPPSSEGTRQARRNRRRRWRERQRAIRTI

>B.2006.JF320452.-

MEPIDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTHQDSQTHQASLPKQ\*VVYVMHSLEIYAIVALVIVAIIAIVVWTWVLIEYRKIRKQRKIDRLIDRIIERAEDSGNESEGDQEELSALVERGHLAPWDINDL\*YCRRLVGHNLLWGTCVEGSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRNRIGKCNRKF\*HVEK\*HGRPNA\*RCNQFMGSKSKAMCRVNPTLCYFKLH\*SKKYY\*CH\*\*DNERGGRNEKLLFLYHHKNGR\*DT\*KSGTFL\*P\*YSTNK\*\*\*\*YQL\*VDKL\*HLNHYTGLSKDIF\*ANSYTLLYPSWFCDSKV\*G\*EV\*WNRTM\*KC\*HSAMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*EFHRQC\*NYNSTAKRSCKHYLYTTQQQYKKRYTHGTRESILYNRRHNRRYKTSTL\*P\*\*NTMGEDFTTSR\*KIKRTI\*E\*NNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YNNTV\*\*HLE\*Y\*RDK\*HK\*HYHTPMQNKTNYKHVAESRKSNICPSHQRTN\*VFIKYYRAAINKRW\*Y\*QQQH\*E\*DLQTWRRRHEGQLEK\*II\*I\*SSKS\*TSRNSTHQGKEKSGAERKKSSGNTRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQSAEGY\*GATAHVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCALE\*\*LE\*QICG\*HLEQYDLDAMGKRN\*QLHKSNIHLT\*DIAEPTRKE\*TRIIGIG\*VGKSVELV\*HIKLAVVYKNIHNVSRKLNRFKNSFCCTFYSKKS\*AGILTIIVTDPPPSSEGTRQARRNRRRRWRERQRAIRTI

>B.2006.JF320453.-

MEPIDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTHQDSQTHQAPLPEQ\*VVYVMHSLEIYAIVALVIVAIIAIVVWTWVLIEYRKIRKQRKIDRLIDRIIERAEDSGNESDGDQEELSALVERGHLAPWDINDL\*YCRRLVGHNLLWGTCVEGSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRNRIGKCNRKF\*HVEK\*HGRPNA\*RCNQFMGSKSKAMCRVNPTLCYFKLH\*SKKYY\*CH\*\*DNERGGRNEKLLFLYHHKNGR\*DT\*KSGTFL\*P\*YSTNK\*\*\*\*YQL\*VDKL\*HLNHYTGLSKDIF\*ANSYTLLYPGWFCDSKV\*G\*EV\*WNRTM\*KC\*HSAMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*EFHRQC\*NYNSTAKRSCKHYLYTTQQQYKKRYTHGTRESILYNRRHNRRYKTSTL\*P\*\*NTMGEDFTTSR\*KIKRTI\*E\*NNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YNNTV\*\*HLE\*Y\*RDK\*HK\*HYHTPMQNKTNYKHVAENRKSNICPSHQRTN\*VFIKYYRAAINKRWWY\*QQQH\*E\*DLQTWRRRHEGQLEK\*II\*I\*SSKS\*TSRNSTHQGKEKSGAERKKSSGNTRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQSAEGY\*GATAHVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCALE\*\*LE\*QICG\*HLEQYDLDAMGKRN\*QLHKSNIHLT\*DIAEPTRKE\*TRIIGIG\*VGKSVELV\*HIKLAVVYKNIHNVSRKFNRFKNSFCCTFYSEKS\*AGILTIIVTDPPPSSEGTRQARRNRRRRWRERQRAIRTI

>B.2006.JF320454.-

MEPIDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTHQDSQTHQASLPEQ\*VVYVMHSLEIYAIVALVIVAIIAIVVWTWVLIEYRKIRKQRKIDRLIDRIIERAEDSGNESDGDQEELSALVERGHLAPWDINDL\*YCRRLVGHNLLWGTCVEGSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRNRIGKCNRKF\*HVEK\*HGRPNA\*RCNQFMGSKSKAMCRVNPTLCYFKLH\*SKKYY\*CH\*\*DNERGGRNEKLLFLYHHKNGR\*DT\*KSGTFL\*P\*YSTNK\*\*\*\*YQL\*VDKL\*HLNHYTGLSKDIF\*ANSYTLLYPGWFCDSKV\*G\*EV\*WNRTM\*KC\*HSAMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*EFHRQC\*NYNSTAKRSCKHYLYTTQQQYKKRYTHGTRESILYNRRHNRRYKTSTL\*P\*\*NTMGEDFTTSR\*KIKRTI\*E\*NNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YNNTV\*\*HLE\*Y\*RDK\*HK\*HYHTPMQNKTNYKHVAESRKSNICPSHQRTN\*VFIKYYRAAINKRW\*Y\*QQQH\*E\*DLQTWRRRHEGQLEK\*II\*I\*SSKS\*TSRNSTHQGKEKSGAERKKSSGNTRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQSAEGY\*GATAHVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCALE\*\*LE\*QICG\*HLEQYDLDAMGKRN\*QLHKSNIHLT\*DIAEPTRKE\*TRIIGIG\*VGKSVELV\*HIKLAAVYKNIHNVSRKLNRFKNSFCCTFYSEKS\*AGILTIIVTDPPPSSEGTRQARRNRRRRWRERQRAIRTI

>B.2006.JF320455.-

MEPIDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTHQDSQTHQASLPEQ\*VVYVMHSLEIYAIVALVIVAIIAIVVWTWVLIEYRKIRKQRKIDRLIDRIIERAEDSGNESDGDQEELSALVERGHLAPWDINDL\*YCRRLVGHNLLWGTCVEGSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRNRIGKCNRKF\*HVEK\*HGRPNA\*RCNQFMGSKSKAMCRVNPTLCYFKLH\*SKKYY\*CH\*\*DNERGGRNEKLLFLYHHKNGR\*DT\*KSGTFL\*P\*YSTNK\*\*\*\*YQL\*VDKL\*HLNHYTGLSKDIF\*ANSYTLLYPGWFCDSKV\*G\*EV\*WNRTM\*KC\*HSAMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*EFHRQC\*NYNSTAKRSCKHYLYTTQQQYKKRYTHGTRESILYNRRHNRRYKTSTL\*P\*\*NTMGEDFTTSR\*KIKRTI\*E\*NNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YNNTV\*\*HLE\*Y\*RDK\*HK\*HYHTPMQNKTNYKHVAENRKSNICPSHQRTN\*VFIKYYRAAINKRWWY\*QQQH\*E\*DLQTWRRRHEGQLEK\*II\*I\*SSKS\*TSRNSTHQGKEKSGAERKKSSGNTRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQSAEGY\*GATAHVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCALE\*\*LE\*QICG\*HLEQYDLDAMGKRN\*QLHKSNIHLT\*DIAEPTRKE\*TRIIGIG\*VGKSVELV\*HIKLAVVYKNIHNVSRKLNRFKNSFCCTFYSEKS\*AGILTIIVTDPPPSSEGTRQARRNRRRRWRERQRAIRTI

>B.2007.JF320460.-

MEPVDPRLEPWNHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQNSQTHQVSLPKQ\*VVHVMIPLVLLSIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEVGARLEMGHDAPWDVDDL\*SCRRLVGHSLLWGTCVERRKHHFILCIRC\*SI\*\*RGT\*CLGHTRLCTHRPQPTRSSNGKCDRKF\*HVEQ\*DGRTDAGRYNQFMGSKPKTMCKINPTLCYFKLH\*CH\*H\*CY\*WG\*\*YHR\*HDR\*NKKLLFQYYHRHKKSGEETRCTF\*\*AGYSTNREW\*Q\*W\*IYAEKL\*YFNRYTGLSKSIL\*ANSHTLLCPGWFCDSEV\*Q\*DIQWNRTMYKCQHSTMYTWN\*ASSINSTVVKWQSSRRRHSN\*ICKFQ\*QY\*NHNSTAERSCSN\*LYKTQQQYKKKYTYGTRGSILCNRTNNRRYKTSTL\*H\*\*SRME\*NLRADS\*KITRTI\*K\*DNSL\*SFLRRGPRNCNAQF\*LWRGIFLL\*YNTTI\*\*YLA\*\*\*YLE\*Y\*EKYHTPLQNKTNYKHVAGSRKSNVCPSHQRTN\*VLIKYYRIAVNKRWW\*\*HKWKR\*QH\*DLQTRRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTYQGKEKSGAEREKSSGNRSFIPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATTFVATHSLGHQAAPGQSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*HLG\*HDLDGVGKRN\*QLHKLNIHLT\*NFAKPAGKE\*TRIIGIGQMGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFCSE\*S\*AGILTIVVADPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2007.JF320461.-

MEPVDPRLEPWNHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPHNSQTHQVSLPKQ\*VVHVMIPLEILSIVALVVVAIIAIVVWTIVLIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGARLEMGHDAPWVVDDL\*SCRRFVGHSLLWGTCVERRKHHSILCIRC\*SI\*\*RGT\*CLGHTRLCTHRPQPTRSNNGKCDRKF\*HVEQ\*DGRTDAGRYNQFMGSKPKTMCKINPTLCYFKLH\*CH\*H\*CY\*WG\*\*YHR\*HDR\*NKKLLFQYYRRHKKSGEETRCTF\*\*A\*YSTNREW\*Q\*W\*IYAEKL\*YFNRYTGLSKSIL\*ANSHTLLCPGWFCDSEV\*Q\*DIQWNRTMYKCQHSTMYTWN\*ASSINSTVVKWQSSRRRDSN\*ICKFQ\*QY\*NHNSTAERSCSN\*LYKTQQQYKKKYTYGTRGSILCNRTNNRRYKTSTL\*H\*\*SRME\*NLRADS\*KITRTI\*K\*DNSL\*SFLRRGPRNCNAQF\*LWRGIFLL\*YNTTI\*\*YLA\*\*\*YLE\*Y\*EKYHTPLQNKTNYKHVAGSRKSNVYPSHQRTN\*LFIKYYRAATNKRW\*QEQE\*DRNLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGARSFVPWVLGSSRKHYGRSITNADGTSQIIIVWYSATAEQSAEGY\*GATASVATHSLGRQAAPGKSPGCGKIPKGSTAPGDLGLLWKNHLHHCCALEY\*LE\*\*NSR\*DLE\*HDLDAVGKRN\*QLYRLNIHLTSRIAIPTGQE\*KRIIRIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLVVSDPPPRHEGTRQARRNRRRRWRERQRQIRSL

>B.2007.JF320462.-

MEPVDPRLEPWNHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQNSQTHQVSLPKQ\*VVHVMIPLEILSIVALVVVAIIAIVVWTIVLIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGARLEMGHDAPWVVDDL\*SCRRFVGHSLLWGTCVERRKHHSILCIRC\*SI\*\*RGT\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*YVEQ\*DGRTDAGRYNQFMGSKPKTMCKINPTLCYFKLH\*CH\*H\*CY\*WG\*\*YHR\*HDR\*NKKLLFQYYHRHKKSGEETRCTF\*\*A\*YSTNREW\*Q\*W\*IYAEKL\*YFNRYTGLSKSIL\*ANSHTLLCPGWFCDSEV\*Q\*DIQWNRTMYKCQHSTMYTWN\*ASSINSTVVKWQSSRRRHSN\*ICKFQ\*QY\*NHNSTAERSCSN\*LYKTQQQYKKKYTYGTRGSILCNRTNNRRYKTSTL\*H\*\*SRME\*NLRADS\*KITRTI\*K\*DNSL\*SFLRRGPRNCNAQF\*LWRGIFLL\*YNTTI\*\*YLA\*\*\*YLE\*Y\*EKYHTPLQNKTNYKHVAGSRKSNVYPSHQRTN\*LFIKYYRAATNKRW\*QEQE\*DRNLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKESSGTRSFVPWVLGSSRKHYGRSITNADGTSQFIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKNHLHHCCALEY\*LE\*\*NSR\*DLE\*HDLDAVGKRN\*QLYRLNIHLTSRIAIPTGQE\*KRIIRIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLVVSDPPPRHEGTRQARRNRRRRWRERQRQIRSL

>B.2007.JF320463.-

MEPIDPRLEPWNHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQNSQNHQVSLPKQ\*VVHVMIPLEILSIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEVGARLEMGHDAPWDVDDL\*SCRRLVGHSLLWGTCVERRKHHSILCIRC\*SI\*\*RGT\*CLGHTRLCTHRPQPTRSSNGKCDRKF\*HVEQ\*DGRTDAGRYNQFMGSKPKTMCKINPTLCYFKLH\*CH\*H\*CY\*WG\*\*YHR\*HDR\*NKKLLFQYYHRHKKSGEETRCTF\*\*A\*YSTNREW\*Q\*W\*IYAEKL\*YFNRYTGLSKSIL\*ANSHTLLCPGWFCDSEV\*Q\*DIQWNRTMYKCQHSTMYTWN\*ASSINSTVVKWQSSRRRHSN\*ICKFQ\*QY\*NHNSTAERCCSN\*LYKTQQQYKKKYTYGTRGSILCNRTNNRRYKTSTL\*H\*\*SRME\*NLRADS\*KITRTI\*K\*DNSL\*SFLRRGPRNCNAQF\*LWRGIFLL\*YNTTI\*\*YLA\*\*\*YLE\*Y\*EKYHTPLQNKTNYKHVAGSRKSNVYPSHQRTN\*LFIKYYRAATNKRW\*QEQE\*DRNLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKESSGTRSFVPWVLGSSRKHYGRSITNADGTSQIIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKNHLHHCCALEY\*LE\*\*NSR\*DLE\*HDLDAVGKRN\*QSYRLNIHLTSRIAIPTGQE\*KRIIRIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLVVSDPPPRHEGTRQARRNRRRRWRERQRQIRSL

>B.2007.JF320464.-

MEPVDPRLEPWNHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQNSQNHQVSLPKQ\*VVHVMIPLEILSIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGARLEMGHDAPWVVDDL\*SCRRFVGHSLLWGTCVERRKHHSILCIRC\*SI\*\*RGT\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*YVEQ\*DGRTDAGRYNQFMGSKPKTMCKINPTLCYFKLH\*CH\*H\*CY\*WG\*\*YHR\*HDR\*NKKLLFQYYHRHKKSGEETRCTF\*\*AGYSTNREW\*Q\*W\*IYAEKL\*YFNRYTGLSKSIL\*ANSHTLLCPGWFCDSEV\*Q\*DIQWNRTMYKCQHSTMYTWN\*ASSINSTVVKWQSSRRRHSN\*ICKFQ\*QY\*NHNSTAERSCSN\*LYKTQQQYKKKYTYGTRGSILCNRTNNRRYKTSTL\*H\*\*SRME\*NLRADS\*KITRTI\*K\*DNSL\*SFLRRGPRNCNAQF\*LWRGIFLL\*YNTTI\*\*YLA\*\*\*YLE\*Y\*EKYHTPLQNKTNYKHVAGSRKSNVYPSHQRTN\*LFIKYYRAATNKRW\*QEQE\*DRNLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKESSGTRSFVPWVLGSSRKHYGRSITNADGTSQIIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKNHLHHCCALEY\*LE\*\*NSR\*DLE\*HDLDAVGKRN\*QLYRLNIHLTSRIAIPTGQE\*KRIIRIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLVVSDPPPRHEGTRQARRNRRRRWRERQRQIRSL

>B.2007.JF320465.-

MEPVDPRLEPWNHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPHNSQTHQVSLPKQ\*VVHVMIPLVTLSIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEVGARLEMGHDAPWDVDDL\*SCRRLVGHSLLWGTCVERRKHHFILCIRC\*SI\*\*RGT\*CLGHTRLCTHRPQPTRSNNGKCDRKF\*HVEQ\*DGRTDAGRYNQFMGSKPKTMCKINPTLCYFKLH\*CH\*H\*CY\*WG\*\*YHR\*HDR\*NKKLLFQYYHRHKKSGEETRCTF\*\*A\*YSTNREW\*Q\*W\*IYAEKL\*YFNRYTGLSKSIL\*ANSHTLLCPGWFCDSEV\*Q\*DIQWNRTMYKCQHSTMYTWN\*ASSINSTVVKWQSSRRRDSN\*ICKFQ\*QY\*NHNSTAERSCSN\*LYKTQQQYKKKYTYGTRGSILCNRTNNRRYKTSTL\*H\*\*SRME\*NLRADS\*KITRTI\*K\*DNSL\*SFLRRGPRNCNAQF\*LWRGIFLL\*YNTTI\*\*YLA\*\*\*YLE\*Y\*EKYHTPLQNKTNYKHVAGSRKSNVYPSHQRTN\*LFIKYYRAATNKRW\*QEQE\*DRNLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKESSGTRSFVPWVLGSSRKHYGRSITNADGTSQIIIVWYSATAEQSAEGY\*GATASVATHSLGRQAAPGKSPGCGKIPKGSTAPGDLGLLWKNHLHHCCALEY\*LE\*\*NSR\*DLE\*HDLDAVGKRN\*QLYRLNIHLTSRIAIPTGQE\*KRIIRIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLVVSDPPPRHEGTRQARRNRRRRWRERQRQIRSL

>B.2007.JF320466.-

MEPVDPRLEPWNHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPHNSQTHQVSLPKQ\*VVHVMIPLVTLSIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEVGARLEMGHDAPWDVNDL\*SCRRLVGHSLLWGTCVERRKHHFILCIRC\*SI\*\*RGT\*CLGHTRLCTHRPQPTRSNNGKCDRKF\*HVEQ\*DGRTDAGRYNQFMGSKPKTMCKINPTLCYFKLH\*CH\*H\*CY\*WG\*\*YHR\*HDR\*NKKLLFQYYHRHKKSGEETRCTF\*\*A\*YSTNREW\*Q\*W\*IYAEKL\*YFNRYTGLSKSIL\*ANSHTLLCPGWFCDSEV\*Q\*DIQWNRTMYKCQHSTMYTWN\*ASSINSTVVKWQSSRRRDSN\*ICKFQ\*QY\*NHNSTAERSCSN\*LYKTQQQYKKKYTYGTRGSILCNRTNNRRYKTSTL\*H\*\*SRME\*NLRADS\*KITRTI\*K\*DNSL\*SFLRRGPRNCNAQF\*LWRGIFLL\*YNTTI\*\*YLA\*\*\*YLE\*Y\*EKYHTPLQNKTNYKHVAGSRKSNVYPSHQRTN\*LFIKYYRAATNKRW\*QEQE\*DRNLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKESSGTRSFVPWVLGSSRKHYGRSITNADGTSQIIIVWYSATAEQSAEGY\*GATASVATHSLGRQAAPGKSPGCGKIPKGSTAPGDLGLLWKNHLHHCCALEY\*LE\*\*NSR\*DLE\*HDLDAVGKRN\*QLYRLNIHLTSRIAIPTGQE\*KRIIRIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLVVSDPPPRHEGTRQARRNRRRRWRERQRQIRSL

>B.2007.JF320467.-

MEPVDPRLEPWNHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQHSQTHQVSLPKQ\*VVHVMIPLVILAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESAGDQEELSALVEVGARLEMGHDAPWVVDDL\*SCRRFVGHSLLWGTCVERRKHHSILCIRC\*SI\*\*RGT\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*YVEQ\*DGRTDAGRYNQFMGSKPKTMCKINPTLRYFTLH\*CY\*H\*CY\*\*E\*\*YQR\*HDR\*NKKLLFQYCHRSKR\*GEETICTF\*\*A\*YSTNRG\*E\*WY\*E\*\*\*\*Q\*YIYVKKL\*YFSRYTGLSKNIL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWNRTMYKCQHSTMYTWN\*ASSINSTVVKWQSSRRRHSN\*ICKFQ\*QY\*NHNSTAERCCSN\*LYKTQQQYKKKYTYGTRGSNLCNRTNNRRYKTSTL\*C\*\*RKME\*HLKTDS\*KIKRTIWEQHDNSL\*EFLRRGPRDCNAQF\*LWRGIFLL\*LNKTVYLE\*YLE\*Y\*KIK\*HCRKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*LFIKYYRATTNKRWW\*\*W\*PNERE\*DKDRNLQTYRRKYERQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGARSFVPWVLGSSRKHYGRSITNADGTSQIIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKNHLHHCCALEY\*LE\*\*NSR\*DLE\*HDLDAVGKRN\*QLYRLNIHLTSRIAIPTGQE\*KRIIRIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLVVSDPPPRHEGTRQARRNRRRRWRERQRQIRSL

>B.2007.JF320468.-

MEPVDPRLEPWSHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPHNSQTHQVSLPKQ\*VVHVMIPLVTLSIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEVGARLEMGHDAPWDVDDL\*SCRRLVGHSLLWGTCVERRKHHFILCIRC\*SI\*\*RGT\*CLGHTRLCTHRPQPTRSNNGKCDRKF\*HVEQ\*DGRTDAGRYNQFMGSKPKTMCKINPTLCYFKLH\*CH\*H\*CY\*WG\*\*YHR\*HDR\*NKKLLFQYYHRHKKSGEETRCTF\*\*A\*YSTNREW\*Q\*W\*IYAEKL\*YFNRYTGLSKSIL\*ANSHTLLCPGWFCDSEV\*Q\*DIQWNRTMYKCQHSTMYTWN\*ASSINSTVVKWQSSRRRDSN\*ICKFQ\*QY\*KHNSTAERSCSN\*LYKTQQQYKKKYTYGTRGSILCNRTNNRRYKTSTL\*H\*\*SRME\*NLRADS\*KITRTI\*K\*DNSL\*SFLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLA\*\*\*YLE\*Y\*EKYHTPLQNKTNYKHVAGSKKSNVCPSHQRTN\*LFIKYYRAATNKRW\*QEQE\*DRNLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKESSGTRSFVPWVLGSSRKHYGRSITNADGTSQIIIVWYSATAEQSAEGY\*GATASVATHSLGRQAAPGKSPGCGKIPKGSTAPGDLGLLWKNHLHHCCALEY\*LE\*\*NSR\*DLE\*HDLDAVGKRN\*QLYRLNIHLTSRIAIPTGQE\*KRIIRIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLVVSDPPPRHEGTRQARRNRRRRWRERQRQIRSL

>B.2007.JF320469.-

MEPVDPRLEPWNHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPPNSQTHQVSLPKQ\*VVHVMIPLEILSIVALVVVAIIAIVVWTIVLIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGARLEMGHDAPWVVDDL\*SCRRFVGHSLLWGTCVERRKHHFILCIRC\*SI\*\*RGT\*CLGHTRLCTHRPQPTRSSNGKCDRKF\*HVEQ\*DGRTDAGRYNQFMGSKPKTMCKINPTLCYFKLH\*CH\*H\*CY\*WG\*\*YHR\*HDR\*NKKLLFQYYHRHKKSGEETRCTF\*\*A\*YSTNREW\*Q\*W\*IYAEKL\*YFNRYTGLSKSIL\*ANSHTLLCPGWFCDSEV\*Q\*DIQWNRTMYKCQHSTMYTWN\*ASSINSTVVKWQSSRRRHSN\*ICKFQ\*QY\*NHNSTAERSCSN\*LYKTQQQYKKKYTYGTRGSILCNRTNNRRYKTSTL\*H\*\*SRME\*NLRADS\*KITRTI\*K\*DNSL\*SFLRRGPRNCNAQF\*LWRGIFLL\*YNTTI\*\*YLA\*\*\*YLE\*Y\*EKYHTPLQNKTNYKHVAGSRKSNVYPSHQRTN\*LFIKYYRAATNKRW\*QEQE\*DRNLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKESSGTRSFVPWVLGSSRKHYGRSITNADGTSQIIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKNHLHHCCALEY\*LE\*\*NSR\*DLE\*HDLDAVGKRN\*QLYRLNIHLTSRIAIPTGQE\*KRIIRIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLVVSDPPPRHEGTRQARRNRRRRWRERQRQIRSL

>B.2007.JF320470.-

MEPVDPRLEPWNHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQSSQTHQVSLPKQ\*VVHVMIPSVILSIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEVGARLEMGHDAPWDVDDL\*SCRRLVGHSLLWGTCVERRKHHFILCIRC\*SI\*\*RGT\*CLGHTRLCTHRPQPTRSSNGKCDRKF\*HVEQ\*DGRTDAGRYNQFMGSKPKTMCKINPTLRYFTLH\*CY\*H\*CY\*\*E\*\*YQR\*HDR\*NKKLLFQYYHRSKR\*GEETICTF\*\*A\*YSTNRG\*E\*WY\*E\*\*\*\*Q\*YIYVKKL\*YFSRYTGLSKNIL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWNRTMYKCQHSTMYTWN\*ASSINSTVVKWQSSRRRHSN\*ICKFQ\*QY\*NHNSTAERCCSN\*LYKTQQQYKKKYTYGTRGSILCNRTNNRRYKTSTL\*H\*\*SRME\*NLRADS\*KITRTI\*K\*DNSL\*SFLRRGPRNCNAQF\*LWRGIFLL\*YNTTI\*\*YLA\*\*\*YLE\*Y\*EKYHTPLQNKTNYKHVAGSRKSNVCPSHQRTN\*LFIKYYRAATNKRW\*QEQE\*DRNLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKESSGTRSFVPWVLGSSRKHYGRSITNADGTSQIIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKNHLHHCCALEY\*LE\*\*NSR\*DLE\*HDLDAVGKRN\*QLYRLNIHLTSRIAIPTGQE\*KRIIRIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLVVSDPPPRHEGTRQARRNRRRRWRERQRQIRSL

>B.2005.JF320473.-

MEPVDPKLAPWQHPGSQPKTACTACYCKRCCYHCPRCFLTKGLGISHGRKKRSQRRRAPPDSQSNQASLPKQ\*VVYVMQSLEIVAIVALVVAIIIAIVVWTIVLIEYRKILKQKKIDRLIDRIRERAEDSGNESEGDQEELSRLVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*HRGS\*CLGHTGLCTHRPQPTRSSIGKCDRKV\*RVGK\*HGRTDA\*GCNQFMGSKSKAMCKINPTLCHFKLH\*\*FTEYH\*QYH\*\*\*\*YKRRNEKLLFQYHHKHER\*DAERICTFL\*T\*CGPNRE\*\*\*Y\*L\*VNKL\*HLSHYTSLSKDNL\*ANSYTLLCPGWFCDSKM\*\*\*DV\*WKGTMYKRQHSTMHTRN\*TSSINSTAVKRQPSRRRGSNKI\*EFYRQC\*NYNSTAEGSCRN\*LYKTQQQYKEKYTYGTRESILYNRRYNRRYKTSTL\*HY\*SKME\*HFKTGS\*KIKSTIWKQNNSL\*SILRRRPRNYNAQF\*LWRGIFLL\*HNTTI\*\*YLE\*Y\*KVEWY\*RVKWYHHTPMQNKTNYKPVAGSRKSNVCPSHQRTN\*MFIKYYRAADSKRWWY\*YY\*RDDRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAXRKKSSGNYRSYVPWVLGSSRKHYGRSVNSADGTGQTIIVWYSATAEQSAEGY\*GTTAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGYNLX\*HDLDAVGKRN\*QLHRPDILLT\*RIAKPARKE\*T\*IIGIR\*VGKSVELV\*HNKMAVVHKNIHNDSRRLGRFKNSFCCIFYSE\*S\*AGIFTIVITDPPPNPEGTRQTRRNRRRRWRKRQRQIHSI

>B.2005.JF320474.-

MEPVDPKLAPWQHPGSQPKTACTACYCKRCCYHCPRCFLTKGLGISHGRKKRSQRRRAPPDSQSNQASLPKQ\*VVYVMQSLEIVAIVALVVAIIIAIVVWTIVLIEYRKILKQKKIDRLIDRIRERAEDSGNESEGDQEELSRLVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*HRGS\*CLGHTGLCTHRPQPTRSSIGKCDRKV\*RVGK\*HGRTDA\*GCNQFMGSKSKAMCKINPTLCHFKLH\*\*FTEYH\*QYH\*\*\*\*YKRRNEKLLFQYHHKHER\*DAERICTFL\*T\*CGPNRE\*\*\*Y\*L\*VNKL\*HLSHYTSLSKDNL\*ANSYTLLCPGWFCDSKM\*\*\*DV\*WKGTMYKRQHSTMHTRN\*TSSINSTAVKRQPSRRRGSNKI\*EFYRQC\*NYNSTAEGSCKN\*LYKTQQQYKEKYTYGTRESILYNRRYNRRYKTSTL\*HY\*SKME\*HFKTGS\*KIKSTIWKQNNSL\*SILRRRPKNYNAQF\*LWRGIFLL\*HNTTI\*\*YLE\*Y\*KVEWY\*RVKWYHHTPMQNKTNYKPVAGSRKSNVCPSHQRTN\*MFIKYYRAADSKRWWY\*YY\*RDDRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNYRSYVPWVLGSSRKHYGRSVNSADGTGQTIIVWYSATAEQSAEGY\*GTTAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LK\*\*ISGYNLE\*HDLDAVGKKN\*QLHRPDILLT\*RIAKPARKE\*T\*IIGIR\*VGKSVELV\*HNKMAVVHKNIHNDSRRLGRFKNSFCCIFYSE\*S\*AGIFTIVITDPPPNPEGTRQTRRNRRRRWRKRQRQIHSI

>B.2005.JF320475.-

MEPVDPKLAPWQHPGSQPKTACTACYCKRCCYHCPRCFLTKGLGISHGRKKRSQRRRAPPDSQSNQASLPKQ\*VVYVMQSLEIVAIVALVVAIIIAIVVWTIVLIEYRKILKQKKIDRLIDRIRERAEDSGNESEGDQEELSRLVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*HRGS\*CLGHTGLCTHRPQPTRSSIGKCDRKV\*RVGK\*HGRTDA\*GCNQFMGSKSKAMCKINPTLCHFKLH\*\*FTEYH\*QYH\*\*\*\*YKRRNEKLLFQYHHKHER\*DAERICTFL\*T\*CGPNRE\*\*\*Y\*L\*VNKL\*HLSHYTSLSKDNL\*ANSYTLLCPGWFCDSKM\*\*\*DV\*WKGTMYKRQHSTMHTRN\*TSSINSTAVKRQPSRRRGSNKI\*EFYRQC\*NYNSTAEGSCRN\*LYKTQQQYKEKYTYGTRESILYNRRYNRRYKTSTL\*HY\*SKME\*HFKTGS\*KIKSTIWKQNNSL\*SILRRRPRNYNAQF\*LWRGIFLL\*HNTTI\*\*YLE\*Y\*KVEWY\*RVKWYHHTPMQNKTNYKPVAGSRKSNVCPSHQRTN\*MFIKYYRAADSKRWWY\*YY\*RDDRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNYRSYVPWVLGSSRKHYGRSVNSADGTGQTIIVWYSATAEQSAEGY\*GTTAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGYNLE\*HDLDAVGKRN\*QLHRPDILLT\*RIAKPARKK\*T\*IIGIR\*VGKSVELV\*HNKMAVVHKNIHNDSRRLGRFKNSFCCIFYSE\*S\*AGIFTIVITDPPPNPEGTRQTRRNRRRRWRKRQRQIHSI

>B.2005.JF320477.-

MEPVDPKLAPWQHPGSQPKTACTACYCKRCCYHCPRCFLTKGLGISHGRKKRSQRRRAPPDSQSNQASLPKQ\*VVYVMQSLEIVAIVALVVAIIIAIVVWTIVLIEYRKILKQKKIDRLIDRIRERAEDSGNESEGDQEELSRLVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*HRGS\*CLGHTGLCTHRPQPTRSSIGKCDRKV\*RVGK\*HGRTDA\*GCNQFMGSKSKAMCKINPTLCHFKLH\*\*FTEYH\*QYH\*\*\*\*YKRRNEKLLFQYHHKHER\*DAERICTFL\*T\*CGPNRE\*\*\*Y\*L\*VNKL\*HLSHYTSLSKDNL\*ANSYTLLCPGWFCDSKM\*\*\*DV\*WKGTMYKRQHSTMHTRN\*TSSINSTAVKRQPSRRRGSNKI\*EFYRQC\*NYNSTAEGSCRN\*LYKTQQQYKEKYTYGTRESILYNRRYNRRYKTSTL\*HY\*SKME\*HFKTGS\*KIKSTIWKQNNSL\*SILRRRPRNYNAQF\*LWRGIFLL\*HNTTI\*\*YLE\*Y\*KVEWY\*RVKWYHHTPMQNKTNYKPVAGSRKSNVCPSHQRTN\*MFIKYYRAADSKRWWY\*YY\*RDDRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNYRSYVPWVLGSSRKHYGRSVNSADGTGQTIIVWYSATAEQSAEGY\*GTTAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGYNLE\*HDLDAVGKRN\*QLHRPDILLT\*RIAKPARKE\*T\*IIGIR\*VGKSVELV\*HNKMAVVHKNIHNDSRRLGRFKNSFCCIFYSE\*S\*AGIFTIVITDPPPNPEGTRQTRRNRRRRWRKRQRQIHSI

>B.2005.JF320478.-

MEPVDPKLAPWQHPGSQPKTACTACYCKRCCYHCPRCFLTKGLGISHGRKKRSQRRRAPPDSQSNQASLPKQ\*VVYVMQSLEIVAIVALVVAIIIAIVVWTIVLIEYRKILKQKKIDRLIDRIRERAEDSGNESEGDQEELSRLVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*HRGS\*CLGHTGLCTHRPQPTRSSIGKCDRKV\*RVGK\*HGRTDA\*GCNQFMGSKSKAMCKINPTLCHFKLH\*\*FTEYH\*QYH\*\*\*\*YKRRNEKLLFQYHHKHER\*DAERICTFL\*T\*CGPNRE\*\*\*Y\*L\*VNKL\*HLSHYTSLSKDNL\*ANSYTLLCPGWFCDSKM\*\*\*DV\*WKGTMYKRQHSTMHTRN\*TSSINSTAVKRQPSRRRGSNKI\*EFYRQC\*NYNSTAEGSCRN\*LYKTQQQYKEKYTYGTRESILYNRRYNRRYKTSTL\*HY\*SKME\*HFKTGS\*KIKSTIWKQNNSL\*SILRRRPRNYNAQF\*LWRGIFLL\*HNTTI\*\*YLE\*Y\*KVEWY\*RVKWYHHTPMQNKTNYKPVAGSRKSNVCPSHQRTN\*MFIKYYRAADSKRWWY\*YY\*RDDRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNYRSYVPWVLGSSRKHYGRSVNSADGTGQTIIVWYSATAEQSAEGY\*GTTAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGYNLE\*HDLDAVGKRN\*QLHRPDILLT\*RIAKPARKE\*T\*IIGIR\*VGKSVELV\*HNKMAVVHKNIHNDSRRLGRFKNSFCCIFYSE\*S\*AGIFTIVITDPPPNPEGTRQTRRNRRRRWRKRQRQIHSI

>B.2005.JF320479.-

MEPVDPKLAPWQHPGSQPKTACTACYCKRCCYHCPRCFLTKGLGISHGRKKRSQRRRAPPDSQSNQASLPKQ\*VVYVMQSLEIVAIVALVVAIIIAIVVWTIVLIEYRKILKQKKIDRLIDRIRERAEDSGNESEGDQEELSRLVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*HRGS\*CLGHTGLCTHRPQPTRSSIGKCDRKV\*RVGK\*HGRTDA\*GCNQFMGSKSKAMCKINPTLCHFKLH\*\*FTEYH\*QYH\*\*\*\*YKRRNEKLLFQYHHKHER\*DAERICTFL\*T\*CGPNRE\*\*\*Y\*L\*VNKL\*HLSHYTSLSKDNL\*ANSYTLLCPGWFCDSKM\*\*\*DV\*WKGTMYKRQHSTMHTRN\*TSSINSTAVKRQPSRRRGSNKI\*EFYRQC\*NYNSTAEGSCRN\*LYKTQQQYKEKYTYGTRESILYNRRYNRRYKTSTL\*HY\*SKME\*HFKTGS\*KIKSTIWKQNNSL\*SILRRRPRNYNAQF\*LWRGIFLL\*HNTTI\*\*YLE\*Y\*KVEWY\*RVKWYHHTPMQNKTNYKPVAGSRKSNVCPSHQRTN\*MFIKYYRAADSKRWWY\*YY\*RDDRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNYRSYVPWVLGSSRKHYGRSVNSADGTGQTIIVWYSATAEQSAEGY\*GTTAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGYNLE\*HDLDAVGKRN\*QLHRPDILLT\*RIAKPARKE\*T\*IIGIR\*VGKSVELV\*HNKMAVVHKNIHNDSRRLGRFKNSFCCIFYSE\*S\*AGIFTIVITDPPPNPEGTRQTRRNRRRRWRKRQRQIHSI

>B.2005.JF320482.-

MEPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQKCFIQKGLGISYGRKKRRQRRRAHQDSQTHQAPLSEQ\*VVHVMQPLQILAIVGLVVAALLAIIVWTIVYIEYRKLVRQRQINKILDRIRERAEDSGNESEGDQEELSALVEMGGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRDIIGKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*\*CEM\*ELY\*CEK\*F\*EFYFR\*Y\*HEK\*Y\*HEKLLFQYHHKHKR\*GEKRICTFL\*T\*YSTNR\*\*E\*D\*Y\*L\*VNKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWLCDSKV\*Q\*HIQWIRSM\*KCQHSTMYTWN\*ASSVNSTTTKWQSSRRRCND\*ICQFLRQC\*NHNSTAK\*ICRN\*LYKTQQQYKKRYTYRTRESILYNRRNNRRYKTSTL\*H\*\*NSMG\*NFRKDS\*KIKRTI\*Q\*DNSL\*ATLRRGPRNCAAQF\*LWRGIFLL\*FIRTV\*\*YLEGY\*YLE\*Y\*YLECYWRK\*YYTTSM\*NKTNYKHVAGSRKSNVCPSHPGTN\*MYIKYYRAAINKRWWY\*YHKRDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKEKSGAERKKSSNAGSNVPWVLGNSRKHYGRSVDGADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LG\*\*\*KSERYLG\*DDLDGMGKRN\*QLHRNNIQLN\*TITKPTRSE\*TKIIGIR\*VGQFMELVQHNKLAVVYKNIHNDSRRLNRFKNSFCYPFYSE\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIHKI

>B.2005.JF320483.-

MEPVDPKLAPWQHPGSQPKTACTACYCKRCCYHCPRCFLTKGLGISHGRKKRSQRRRAPPDSQSNQASLPKQ\*VVYVMQSLEIVAIVALVVAIIIAIVVWTIVLIEYRKILKQKKIDRLIDRIRERAEDSGNESEGDQEELSRLVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*HRGS\*CLGHTGLCTHRPQPTRSSIGKCDRKV\*RVGK\*HGRTDA\*GCNQFMGSKSKAMCKINPTLCHFKLH\*\*FTEYH\*QYH\*\*\*\*YKRRNEKLLFQYHHKHER\*DAERICTFL\*T\*CGPNRE\*\*\*Y\*L\*VNKL\*HLSHYTSLSKDNL\*ANSYTLLCPGWFCDSKM\*\*\*DV\*WKGTMYKRQHSTMHTRN\*TSSINSTAVKRQPSRRRGSNKI\*EFYRQC\*NYNSTAEGSCRN\*LYKTQQQYKEKYTYGTRESILYNRRYNRRYKTSTL\*HY\*SKME\*HFKTGS\*KIKSTIWKQNNSL\*SILRRRPRNYNAQF\*LWRGIFLL\*HNTTI\*\*YLE\*Y\*KVEWY\*RVKWYHHTPMQNKTNYKPVAGSRKSNVCPSHQRTN\*MFIKYYRAADSKRWWY\*YY\*RDDRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNYRSYVPWVLGSSRKHYGRSVNSADGTGQTIIVWYSATAEQSAEGY\*GTTAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGYNLE\*HDLDAVGKRN\*QLHRPDILLT\*RIAKPARKE\*T\*IIGIR\*VGKSVELV\*HNKMAVVHKNIHNDSRRLGRFKNSFCCIFYSE\*S\*AGIFTIVITDPPPNPEGTRQTRRNRRRRWRKRQRQIHSI

>B.2005.JF320484.-

MEPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQKCFIQKGLGISYGRKKRRQRRRAHQDNQTHQAPLSEQ\*VLHVMQPLQILAIVGLVVAALLAIIVWTVVYIEYRKLVRQRQINKILDRIRERAEDSGNESEGDQEEISALVEMGGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSSHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRDIIGKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*\*CEM\*ELY\*CEK\*F\*EFYFR\*Y\*HEK\*Y\*HEKLLFQYHHKHKR\*GEKRICTFL\*T\*YSTNR\*\*E\*D\*Y\*L\*VNKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWLCDSKV\*Q\*HIQWIRSM\*KCQHSTMYTWN\*ASSVNSTTTKWQSSRRRCND\*ICQFLRQC\*NHNSTAK\*ICRN\*LYKTWQQYKKRYTYRTRESILYNRRNNRRYKTSTL\*H\*\*NKVG\*NFRKDI\*KIKRTI\*Q\*DNSL\*ATLGRGPRNCAAQF\*LWRGIFLL\*FIKTV\*\*YLD\*\*\*YLE\*YWYLE\*DWRK\*YYNTSM\*NKTNYKHVAGSRKSNVCPSHPGTN\*MYIKYHRAAINKRWW\*\*\*\*HKRYRNLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKEKSGAERKKSSNAGSNVPWVLGNSRKHYGRSVDGADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LG\*\*\*KSERYLG\*DDLDGMGKRN\*QLHRNNIQLN\*TITKPTRSE\*TKIIGIR\*VGQFMELVQHNKLAVVYKNIHNDSRRLNRFKNSFCYPFYSE\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIHKI

>B.2005.JF320485.-

MEPVDPRLEPWKHPGSQPNTPCTNCYCKKCCFHCQKCFIQKGLGISYGRKKRRQRRRAHQDSQAHQAPLSEQ\*VVHVMQPLQILAIVGLVVAALLAIIVWTIVYIEYRKLVRQRQINKILDRIRERAEDSGNESEGDQEELSALVEMGGHDAPWDINDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRDIIGKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*\*CEM\*ELY\*CEK\*F\*EFYFR\*Y\*HEK\*Y\*HEKLLFQYHHKHKR\*GEKRICTFL\*T\*YSTNR\*\*E\*D\*Y\*L\*VNKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWLCDSKV\*Q\*HIQWIRSM\*KCQHSTMYTWN\*TSSVNSTITKWQSSRRRCND\*ICQFLRQC\*NHNSTAK\*ICRN\*LYKTQQQYKKRYTYRTRESILYNRRNNRRYKTSTL\*H\*\*NSMG\*NFRKDS\*KIKRTI\*Q\*DNSL\*ATLRRGPRNCAAQF\*LWRGIFLL\*FIRTV\*\*YLEGY\*YLE\*Y\*YLECYWRK\*YYTTSM\*NKTNYKHVAGSRKSNVCPSHPGTN\*MYIKYYRAAINKRWWY\*CHKRDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKEKSGAERKKSSNAGSNVPWVLGNSRKHYGRSVDGADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LG\*\*\*KSERYLG\*DDLDGMGKRN\*QLHRNNIQLN\*TITKPTRSE\*TKIIGIR\*VGQFMELVQHNKLAVVYKNIHNDSRRLNRFKNSFCCPFYSE\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIHKI

>B.2005.JF320486.-

MEPVDPRLEPWKHPGSQPNTPCTNCYCKKCCFHCQKCFIQKGLGISYGRKKRRQRRRAHQDSQTHQAPLSEQ\*VVHVMQPLQILAIVGLVVAALLAIIVWTIVYIEYRKLVRQRQINKILDRIRERAEDSGNDSEGDQEELSALVEMGGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRDIIGKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*\*CEM\*ELY\*CEK\*F\*EFYFR\*Y\*HEK\*Y\*HEKLLFQYHHKHKR\*GEKRICTFL\*T\*YSTNR\*\*E\*D\*Y\*L\*VNKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWLCDSKV\*Q\*HIQWIRSM\*KCQHSTMYTWN\*ASSVNSTTTKWQSSRRRCND\*ICQFLRQC\*NHNSTAK\*ICRN\*LYKTWQQYKKRYTYRTRESILYNRRNNRRYKTSTL\*H\*\*NSMG\*NFRKDS\*KIKRTI\*Q\*DNSL\*ATLRRGPRNCAAQF\*LWRGIFLL\*FIKTV\*\*YLD\*\*\*YLE\*YWYLE\*DWRK\*YYNTSM\*NKTNYKHVAGSRKSNVCPSHPGTN\*MYIKYHRAAINKRWW\*\*\*\*HKRYRNLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKEKSGAERKKSSNAGSNVPWVLGNSRKHYGRSVDGADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LG\*\*\*KSERYLG\*DDLDGMGKRN\*QLHRNNIQLN\*TITKPTRSE\*TKIIGIR\*VGQFMELVQHNKLAVVYKNIHNDSRRLNRFKNSFCYPFYSE\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIHKI

>B.2005.JF320487.-

MEPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQKCFIQKGLGISYGRKKRRQRRRAHQDNQTHQAPLSEQ\*VLHVMQPLQILAIVGLVVAALLAIIVWTVVYIEYRKLVRQRQINKILDRIRERAEDSGNESEGDQEEISALVEMGGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRDIIGKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*\*CEM\*ELY\*CEK\*F\*EFYFR\*Y\*HEK\*Y\*HEKLLFQYHHKHKR\*GEKRICTFL\*T\*YSTNR\*\*E\*D\*Y\*L\*VNKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWLCDSKV\*Q\*HIQWIRSM\*KCQHSTMYTWN\*ASSVNSTTTKWQSSRRRCND\*ICQFLRQC\*NHNSTAK\*ICRN\*LYKTWQQYKKRYTYRTRESILYNRRNNRRYKTSTL\*H\*\*NKVG\*NFRKDS\*KIKRTI\*Q\*DNSL\*ATLRRGPRNCAAQF\*LWRGIFLL\*FIKTV\*\*YLD\*\*YYLE\*YWYLE\*DWRK\*YYNTSM\*NKTNYKHVAGSRKSNVCPSHPGTN\*MYIKYYRAAINKRWWY\*YHKRDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKEKSGAERKKSSNAGSNVPWVLGNSRKHYGRSVDGADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LG\*\*\*KSERYLG\*DDLDGMGKRN\*QLHRNNIQLN\*TITKPTRSE\*TKIIGIR\*VGQFMELVQHNKLAVVYKNIHNDSRRLNRFKNNFCYPFYSE\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIHKI

>B.2005.JF320488.-

MEPVDPRLEPWKHPGSQPNTPCTNCYCKKCCFHCQKCFIQKGLGISYGRKKRRQRRRAHQDSQTHQAPLSEQ\*VLHVMLPLQILAIVGLVVAALLAIIVWTIVYIEYRKLVRQRQINKILDRIRERAEDSGNDSEGDQEELSALVEMGGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRDIIGKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*\*CEM\*ELY\*CEK\*F\*EFYFR\*Y\*HEK\*Y\*HEKLLFQYHHKHKR\*GEKRICTFL\*T\*YSTNR\*\*E\*D\*Y\*L\*VNKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWLCDSKV\*Q\*HIQWIRSM\*KCQHSTMYTWN\*ASSVNSTTTKWQSSRRRCND\*ICQFLRQC\*NHNSTAK\*ICRN\*LYKTWQQYKKRYTYRTRESILYNRRNNRRYKTSTL\*H\*\*NKVG\*NFRKDS\*KIKRTI\*Q\*DNSL\*ATLRRGPRNCAAQF\*LWRGIFLL\*FIKTV\*\*YLD\*\*\*YLE\*YWYLE\*DWRK\*YYNTSM\*NKTNYKHVAGSRKSNVCPSHPGTN\*MYIKYHRAAINKRWW\*\*\*\*HKRYRNLQICRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKEKSGAERKKSSNAGSNVPWVLGNSRKHYGRSVDGADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKILKGSTAPRDLGLLWKTHLHHYCALEY\*LG\*\*\*KSERYLG\*DDLDGMGKRN\*QLHRNNIQLN\*TITKPTRSE\*TKIIGIR\*VGQFVELVQHNKLAVVYKNIHNDSRRLNRFKNSFCCPFYSE\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIHKI

>B.2005.JF320489.-

MEPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQKCFIQKGLGISYGRKKRRQRRRAPQDNQTHQAPLSEQ\*VLHVMQPLQILAIVGLVVAALLAIIIWTIVYIEYRKLVRQRQINKILDRIRERAEDSGNESEGDQEELSALVEMGGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRDIIGKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*\*CEM\*ELY\*CEK\*F\*EFYFR\*Y\*HEK\*Y\*HEKLLFQYYHKHKR\*GEKRICTFL\*T\*YSTNR\*\*E\*D\*Y\*L\*VNKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWLCDSKV\*Q\*HIQWIRSM\*KCQHSTMYTWN\*ASSVNSTTTKWQSSRRRCND\*ICQFLRQC\*NHNSTAK\*ICRN\*LYKTWQQYKKRYTYRTRESILYNRRNNRRYKTSTL\*H\*\*NKVG\*NFRKDS\*KIKRTI\*Q\*DNSL\*ATPRRGPRNCAAQF\*LWRGIFLL\*FIKTV\*\*YLD\*\*\*YLE\*YWYLE\*DWRK\*YYNTSM\*NKTNYKHVAGSRKSNVCPSHPGTN\*MYIKYHRAAINKRWW\*\*\*\*HKRYRNLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKEKSGAERKKSSNAGSNVPWVLGNSRKHYGRSVDGADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LG\*\*\*KSERYLG\*DDLDGMGKRN\*QLHRNNIQLN\*TITKPTRSE\*TKIIGIR\*VGQFMELVQHNKLAVVYKNIHNDSRRLNRFKNSFCYPFYSE\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIHKI

>B.2005.JF320490.-

MEPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQKCFIQKGLGISYGRKKRRQRRRAHQDSQTHQAPLSEQ\*VVHVMQPLQILAIVGLVVAALLAIIVWTIVYIEYRKLVRQRQINKILDRIRERAEDSGNESEGDQEELSALVEMGGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSSHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRDIIGKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*\*CEM\*ELY\*CEK\*F\*EFYFR\*Y\*HEK\*Y\*HEKLLFQYHHKHKR\*GEKRICTFL\*T\*YSTNR\*\*E\*D\*Y\*L\*VNKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWLCDSKV\*Q\*HIQWIRSM\*KCQHSTMYTWN\*ASSVNSTTTKWQSSRRRCND\*ICQFLRQC\*NHNSTAK\*ICGN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSIL\*H\*\*SKVE\*NFRKDS\*KIKRTI\*Q\*DNSL\*ATLRRRPRNCAAQF\*LWRGIFLL\*FIKTV\*\*YLD\*\*\*YLE\*YWYLE\*DWRK\*YYNTSM\*NKTNYKHVAGSRKSNVCPSHPGTN\*MYIKYHRAAINKRWW\*\*\*\*HKRYRNLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKEKSGAERKKSSNAGSNVPWVLGNSRKHYGRSVDGADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LG\*\*\*KSERYLG\*DDLDGMGKRN\*QLHRNNIQLN\*TITKPTRSE\*TKIIGIR\*VGQFMELVQHNKLAVVYKNIHNDSRRLNRFKNSFCYPFYSE\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIHKI

>B.2005.JF320491.-

MEPVDPRLEPWKHPGSQPNTPCTNCYCKKCCFHCQKCFIQKGLGISYGRKKRRQRRRAHQDSQTHQAPLSEQ\*VVHVMQPLQILAIVGLVVAALLAIIVWTIVYIEYRKLVRQRQINKILDRIRERAEDSGNESEGDQEELSALVEMGGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSSHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRDIIGKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*\*CEN\*Y\*HEK\*Y\*HEKLLF\*YHHKHKR\*GEKGICTFL\*I\*YSTNR\*\*E\*E\*C\*L\*VNKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWLCDSKV\*Q\*HIQWIRSM\*KCQHSTMYTWN\*TSSVNSTITKWQSSRRRCND\*ICQFLRQC\*NHNSTAK\*ICRN\*LYKTQQQYKKRYTYRTRESILYNRRNNRRYKTSTL\*H\*\*NSMG\*NFRKDS\*KIKRTI\*Q\*DNSL\*ATLRRGPRNCAAQF\*LWRGIFLL\*FIRTV\*\*YLEGY\*YLE\*Y\*YLECYWRK\*YYTTSM\*NKTNYKHVAGSRKSNVCPSHPGTN\*MYIKYYRAAINKRWWY\*YHKRDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKEKSGAERKKSSNAGSNVPWVLGNSRKHYGRSVDGADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LG\*\*\*KSERYLG\*DDLDGMGKRN\*QLHRNNIQLN\*TITKPTRSE\*TKIIGIR\*VGQFMELVQHNKLAVVYKNIHNDSRRLNRFKNSFCCPFYSE\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIHKI

>B.2005.JF320492.-

MKPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQKCFIQKGLGISYGRKKRRQRRRAHQDNQTHQAPLSEQ\*VLHVMQPLQILAIVGLVVAALLAIIVWAIVYIEYRKLVRQRQINKILDRIRERAEDSGNESEGDQEELSALVEMGGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRDIIGKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*\*CEM\*ELY\*CEK\*F\*EFYFR\*Y\*HEK\*Y\*HEKLLFQYHHKHKR\*GEKRICTFL\*T\*YSTNR\*\*E\*D\*Y\*L\*VNKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWLCDSKV\*Q\*HIQWIRSM\*KCQHSTMYTWN\*ASSVNSTTTKWQSSRRRCND\*ICQFLRQC\*NHNSTAK\*ICRN\*LYKTWQQYKKRYTYRTRESILYNRRNNRRYKTSTL\*H\*\*NKVG\*NFRKDS\*KIKRTI\*Q\*DNSL\*ATLRRGPRNCAAQF\*LWRGIFLL\*FIKTV\*\*YLD\*\*\*YLE\*YWYLE\*DWRK\*YYNTSM\*NKTNYKHVAGSRKSNVCPSHPGTN\*MYIKYHRAAINKRWW\*\*\*\*HKRYRNLQTCRRRYEEQLEK\*II\*I\*SSKN\*TIRNSTLQGKEKSGAERKKSSNAGSNVPWVLGNSRKHYGRSVDGADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LG\*\*\*KSERYLG\*DDLDEMGKRN\*QLHRNNIQLN\*TITKPTRSK\*TKIIGIR\*VGQFMELVQHNKLAVVYKNIHNDSRRLNRFKNSFCYPFYSE\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIHKI

>B.2006.JF320497.-

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPHSSQNHQSSLSKQ\*VVHVMQSLTILAIVALVVAAILAIIVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSELVERGHLAPWDINDL\*C\*RKIMGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRSIIGKCDRKF\*HVEK\*HGGTDA\*GYNQSMGSKPKAMCKINSTLCYFKLH\*CH\*\*CH\*\*C\*\*H\*H\*\*YHQ\*YQGRRNEKLLFQYHHHRQKR\*DEKRICSFL\*P\*YSANR\*\*\*\*YKLYVEKL\*HLGHYTGLSKDII\*ANSHTLLCPGWFCDSKV\*\*\*KVQWIRTMQEC\*HSTMYTWD\*ASSINSTAVKWQSSRRRGNN\*I\*KFHRQC\*KYNSTADRSCKHYLYKTQQQYKKKNIYGTRESTLYNRRNNRRYKKSTL\*P\*\*NTVE\*HFKTDS\*KINRTIWE\*NNNL\*TPLRRGPGNCNAQC\*LWRRIFLL\*YNKTV\*\*HLE\*NTTV\*\*YLE\*D\*KRSQYHTPM\*NKTNYKYVAGSRKSNVCPSHQRNNSMYIKHYRTDINKRWW\*RK\*WE\*NLQWE\*NLQTWRRRYERQLEK\*II\*I\*SSKS\*TIRNSTH\*GKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*CATASVATHSLGHQTTPGKSPVCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ICR\*HLG\*HDLEAVGKRN\*QLHKLNIHPT\*RIAEPARKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKITHNDSRRLDRCKNSFYCTFYSE\*S\*AGILTFVVSDPPPSPEGTRQARRNRRRRWRERQRQIQSL

>B.2006.JF320499.-

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPHSSQNHQSSLSKQ\*VMHVMQSLTILAIVALVVAAILAIIVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSELVERGHLAPWDINDL\*C\*KRIMGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRSIIGKCDRKF\*HVEK\*HGGTDA\*GYNQSMGSKPKAMCKINSTLCYFKLH\*CH\*\*CH\*\*C\*\*H\*H\*\*YHQ\*YQGRRNEKLLFQYHHHRQKR\*DEKRICSFL\*P\*YSANR\*\*\*\*YKLYVEKL\*HLGHYTGLSKDII\*ANSHTLLCPGWFCDSKV\*\*\*KVQWIRTMQEC\*HSTMYTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KFHRQC\*KYNSTADRSCKHYLYKTQQQYKKKNIYGTRESTLYNRRNNRRYKKSTL\*P\*\*NTVE\*HFKTDS\*KINRTIWE\*NNNL\*TPLRRGPGNCNAQC\*LWRRIFLL\*YNKTV\*\*HLE\*NTTV\*\*YLE\*D\*KRSQYHTPM\*NKTNYKYVAGSRKSNVCPSHQRNNSMYIKHYRTDINKRWW\*RK\*WE\*NLQWE\*NLQTWRRRYERQLEK\*II\*I\*SSKS\*TIRNSTH\*GKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAKSY\*CATASVATHSLGHQTTPGKSPVCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ICR\*HLG\*HDLEAVGKRN\*QLHKLNIHPT\*RIAEPARKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKIIHNDSRRLDRCKNSFYCTFYSE\*S\*AGILTFVVSDPPPSPEGTRQARRNRRRRWRERQRQIQSL

>B.2006.JF320500.-

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPHSSQNHQSSLSKQ\*VVHVMQSLTILAIVALVVAAILAIIVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSELVERGHLAPWDINDL\*C\*RKIMGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRSIIGKCDRKF\*HVEK\*HGGTDA\*GYNQSMGSKPKAMCKINSTLCYFKLH\*CH\*\*CH\*\*C\*\*H\*H\*\*YHQ\*YQGRRNEKLLFQYHHHRQKR\*DEKRICSFL\*P\*YSANR\*\*\*\*YKLYVEKL\*HLGHYTGLSKDII\*ANSHTLLCPGWFCDSKV\*\*\*KVQWIRTMQEC\*HSTMYTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KFHRQC\*KYNSTADRSCKHYLYKTQQQYKKKNIYGTRESTLYNRRNNRRYKKSTL\*P\*\*NTVE\*HFKTDS\*KINRTIWE\*NNNL\*TPLRRGPGNCNAQC\*LWRRIFLL\*YNKTV\*\*HLE\*NTTV\*\*YLE\*D\*KRSQYHTPM\*NKTNYKYVAGSRKSNVCPSHQRNNSMYIKHYRTDINKRWW\*RK\*WE\*NLQWE\*NLQTWRRRYERQLEK\*II\*I\*SSKS\*TIRNSTH\*GKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*CATASVATHSLGHQTTPGKSPVCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ICR\*HLG\*HDLEAVGKRN\*QLHKLNIHPT\*RIAEPARKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKIIHNDSRRLDRCKNSFYCTFYSE\*S\*AGILTFVVSDPPPSPEGTRQARRNRRRRWRERQRQIQSL

>B.2006.JF320502.-

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPHSSQNHQSSLSKQ\*VVHVMQSLTILAIVALVVAAILAIIVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSELVERGHLAPWDINDL\*C\*RKIMGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRSIIGKCDRKF\*HVEK\*HGGTDA\*GYNQSMGSKPKAMCKINSTLCYFKLH\*CH\*\*CH\*\*C\*\*H\*H\*\*YHQ\*YQGRRNEKLLFQYHHHRQKR\*DEKRICSFL\*P\*YSANR\*\*\*\*YKLYVEKL\*HLGHYTGLSKDII\*ANSHTLLCPGWFCDSKV\*\*\*KVQWIRTMQEC\*HSTMYTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KFHRQC\*KYNSTADRSCKHYLYKTQQQYKKKNIYGTRESTLYNRRNNRRYKKSTL\*P\*\*NTVE\*HFKTDS\*KINRTIWE\*NNNL\*TPLRRGPGNCNAQC\*LWRRIFLL\*YNKTV\*\*HLE\*NTTV\*\*YLE\*D\*KRSQYHTPM\*NKTNYKYVAGSRKSNVCPSHQRNNSMYIKHYRTDINKRWW\*KK\*WE\*NLQWE\*NLQTWRRRYERQLEK\*II\*I\*SSKS\*TIRNSTH\*GKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*CATASVATHSLGHQTTPGKSPVCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ICR\*HLG\*HDLEAVGKRN\*QLHKLNIHPT\*RIAEPARKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKIIHNDSRRLDRCKNSFYCTFYSE\*S\*AGILTFVVSDPPPSPEGTRQARRNRRRRWRERQRQIQSL

>B.2006.JF320503.-

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPHSSQNHQSSLSKQ\*VVHVMQSLTILAIVALVVAAILAIIVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSELVERGHLAPWDINDL\*C\*RKIMGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRSIIGKCDRKF\*HVEK\*HGGTDA\*GYNQSMGSKPKAMCKINSTLCYFKLH\*CH\*\*CH\*\*C\*\*H\*H\*\*YHQ\*YQGWRNEKLLFQYHHHRQKR\*DEKRICSFL\*P\*YSANR\*\*\*\*YKLYVEKL\*HLGHYTGLSKDII\*ANSHTLLCPGWFCDSKV\*\*\*KVQWIRTMQEC\*HSTMYTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KFHRQC\*KYNSTADRSCKHYLYKTQQQYKKKNIYGTRESTLYNRRNNRRYKKSTL\*P\*\*NTVE\*HFKTDS\*KINRTIWE\*NNNL\*TPLRRGPGNCNAQC\*LWRRIFLL\*YNKTV\*\*HLE\*NTTV\*\*YLE\*D\*KRSQYHTPM\*NKTNYKYVAGSRKSNVCPSHQRNNSMYIKHYRTDINKRWW\*RK\*WE\*NLQWE\*NLQTWRRRYERQLEK\*II\*I\*SSKS\*TIRNSTH\*GKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*CATASVATHSLGHQTTPGKSPVCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ICR\*HLG\*HDLEAVGKRN\*QLHKLNIHPT\*RIAEPARKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKIIHNDSRRLDRCKNSFYCTFYSE\*S\*AGILTFVVSDPPPSPEGTRQARRNRRRRWRERQRQIQSL

>B.2006.JF320506.-

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPHSSQNHQSSLSKQ\*VVHVMQSLTILAIVALVVAAILAIIVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSELVERGHLAPWDINDL\*C\*RKIMGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRSIIGKCDRKF\*HVEK\*HGGTDA\*GYNQSMGSKPKAMCKINSTLCYFKLH\*CH\*\*CH\*\*C\*\*H\*H\*\*YHQ\*YQGRRNEKLLFQYHHHRQKR\*DEKRICSFL\*P\*YSANR\*\*\*\*YKLYVEKL\*HLGHYTGLSKDII\*ANSHTLLCPGWFCDSKV\*\*\*KVQWIRTMQEC\*HSTMYTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KFHRQC\*KYNSTADRSCKHYLYKTQQQYKKKNIYGTRESTLYNRRNNRRYKKSTL\*P\*\*NTVE\*HFKTDS\*KINRTIWE\*NNNL\*TPLRRGPGNCNAQC\*LWRRIFLL\*YNKTV\*\*HLE\*NTTV\*\*YLE\*D\*KRSQYHTPM\*NKTNYKYVAGSRKSNVCPSHQRNNSMYIKHYRTDINKRWW\*RK\*WE\*NLQWE\*NLQTWRRRYERQLEK\*II\*I\*SSKS\*TIRNSTH\*GKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*CATASVATHSLGHQTTPGKSPVCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ICR\*HLG\*HDLEAVGKRN\*QLHKLNIHPT\*RIAEPARKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKIIHNDSRRLDRCKNSFYCTFYSE\*S\*AGILTFVVSDPPPSPEGTRQARRNRRRRWRERQRQIQSL

>B.2006.JF320508.-

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPHSSQNHQSSLSKQ\*VVHVMQSLTILAIVALVVAAILAIIVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSELVERGHLAPWDINDL\*C\*RRLMGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRSIIGKCDRKF\*HVEK\*HGGTDA\*GYNQSMGSKPKAMCKINSTLCYFKLH\*CH\*\*CH\*\*C\*\*H\*H\*\*YHQ\*YQGRRNEKLLFQYHHHRQKR\*DEKRICSFL\*P\*YSANR\*\*\*\*YKLYVEKL\*HLGHYTGLSKDII\*ANSHTLLCPGWFCDSKV\*\*\*KVQWIRTMQEC\*HSTMYTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KFHRQC\*KYNSTADRSCKHYLYKTQQQYKKKNIYGTRESTLYNRRNNRRYKKSTL\*P\*\*NTAE\*HFKTDS\*KINRTIWE\*NNNL\*TPLRRGPGNCNAQC\*LWRRIFLL\*YNKTV\*\*HLE\*NTTV\*\*YLE\*D\*KRSQYHTPM\*NKTNYKYVAGSRKSNVCPSHQRNNSMYIKHYRTDINKRWW\*RK\*WE\*NLQWE\*NLQTWRRRYERQLEK\*II\*I\*SSKS\*TIRNSTH\*GKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*CATASVATHSLGHQTTPGKSPVCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ICR\*HLG\*HDLEAVGKRN\*QLHKLNIHPT\*RIAEPARKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKIIHNDSRRLDRCKNSFYCTFYSE\*S\*AGILTFVVSDPPPSPEGTRQARRNRRRRWRERQRQIQSL

>B.2006.JF320509.-

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPHSSQNHQSSLSKQ\*VVHVMQSLTILAIVALVVAAILAIIVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSELVERGHLAPWDINDL\*C\*KRIMGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRSIIGKCDRKF\*HVEK\*HGGTDA\*GYNQSMGSKPKAMCKINSTLCYFKLH\*CH\*\*CH\*\*C\*\*H\*H\*\*YHQ\*YQGRRNEKLLFQYHHHRQKR\*DEKRICIFL\*P\*YSANR\*\*\*\*YKLYVEKL\*HLGHYTGLSKDII\*ANSHTLLCPGWFCDSKV\*\*\*KVQWIRTMQEC\*HSTMYTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KFHRQC\*KYNSTADRSCKHYLYKTQQQYKKKNIYGTRESTLYNRRNNRRYKKSTL\*P\*\*NTVE\*HFKTDS\*KINRTIWE\*NNNL\*TPLRRGPGNCNAQC\*LWRRIFLL\*YNKTV\*\*HLE\*NTTV\*\*YLE\*D\*KRSQYHTPM\*NKTNYKYVAGSRKSNVCPSHQRNNSMYIKHYRTDINKRWW\*RK\*WE\*NLQWE\*NLQTWRRRYERQLEK\*II\*I\*SSKS\*TIRNSTH\*GKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*CATASVATHSLGHQTTPGKSPVCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ICR\*HLG\*HDLEAVGKRN\*QLHKLNIHPT\*RIAEPARKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKIIHNDSRRLDRCKNSFYCTFYSE\*S\*AGILTFVVSDPPPSPEGTRQARRNRRRRWRERQRQIQSL

>B.2006.JF320510.-

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPHSSQNHQSSLSKQ\*VVHVMQSLTILAIVALVVAAILAIIVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSELVERGHLAPWDINDL\*C\*RKIMGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRSIIGKCDRKF\*HVEK\*HGGTDA\*GYNQSMGSKPKAMCKINSTLCYFKLH\*CH\*\*CH\*\*C\*\*H\*H\*\*YHQ\*YQGRRNEKLLFQYHHHRQKR\*DEKRICSFL\*P\*YSANR\*\*\*\*YKLYVEKL\*HLGHYTGLSKDII\*ANSHTLLCPGWFCDSKV\*\*\*KVQWIRTMQEC\*HSTMYTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KFHRQC\*KYNSTADRSCKHYLYKTQQQYKKKNIYGTRESTLYNRRNNRRYKKSTL\*P\*\*NTVE\*HFKTDS\*KINRTIWE\*NNNL\*TPLRRGPGNCNAQC\*LWRRIFLL\*YNKTV\*\*HLE\*NTTV\*\*YLE\*D\*KRSQYHTPM\*NKTNYKYVAGSRKSNVCPSHQRNNSMYIKHYRTDINKRWW\*RK\*WE\*NLQWE\*NLQTWRRRYERQLEK\*II\*I\*SSKS\*TIRNSTH\*GKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*CATASVATHSLGHQTTPGKSPVCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ICR\*HLG\*HDLEAVGKRN\*QLHKLNIHPT\*RIAEPARKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKIIHNDSRRLDRCKNSFYCTFYSE\*S\*AGILTFVVSDPPPSPEGTRQARRNRRRRWRERQRQIQSL

>B.2006.JF320512.-

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPHSSQNHQSSLSKQ\*VVHVMQSLTILAIVALVVAAILAIIVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSELVERGHLAPWDINDL\*C\*KRIMGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRSIIGKCDRKF\*HVEK\*HGGTDA\*GYNQSMGSKPKAMCKINSTLCYFKLH\*CH\*\*CH\*\*C\*\*H\*H\*\*YHQ\*YQGRRNEKLLFQYHHHRQKR\*DEKRICSFL\*P\*YSANR\*\*\*\*YKLYVEKL\*HLGHYTGLSKDII\*ANSHTLLCPGWFCDSKV\*\*\*KVQWIRTMQEC\*HSTMYTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KFHRQC\*KYNSTADRSCKHYLYKTQQQYKKKNIYGTRESTLYNRRNNRRYKKSTL\*P\*\*NTVE\*HFKTDS\*KINRTIWE\*NNNL\*TPLRRGPGNCNAQC\*LWRRIFLL\*YNKTV\*\*HLE\*NTTV\*\*YLE\*D\*KRSQYHTPM\*NKTNYKYVAGSRKSNVCPSHQRNNSMYIKHYRTDINKRWW\*RK\*WK\*NLQWE\*NLQTWRRRYERQLEK\*II\*I\*SSKS\*TIRNSTH\*GKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*CATASVATHSLGHQTTPSKSPVCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ICR\*HLG\*HDLEAVGKRN\*QLHKLNIHPT\*RIAEPARKE\*TRIIGIG\*MGKFVELV\*YNKLAVVYKIIHNDSRRLDRCKNSFYCTFYSE\*S\*AGILTFVVSDPPPSPEGTRQARRNRRRRWRERQRQIQSL

>B.2006.JF320513.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAPPDNQTHQVSLSKQ\*VIYVMQSLHIVAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCREMGHSLLWGTCVERSDHHSLLCIRC\*SICCRGT\*CLGHSCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPEAMCKINPTLCYFKLH\*CDCDY\*\*DC\*YHY\*SRGNGGKRRNKKLLFQYHHKHKN\*GARICIIL\*N\*YSTNK\*\*QL\*YQLYQL\*VDKL\*HLSHYTGLSKGILRANSHTLLCPGWICDSKV\*\*KGIQGNRTM\*KCQYSTMYTWN\*ASSINSTDVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAERNCTN\*LYKTQQQYKERYTYGTRENTLCNRSNNRKYKTSTL\*Y\*\*NKME\*HFTTGNCKIKRTI\*\*\*NYTL\*SILRGRPRN\*NAQF\*LWRGIFLL\*YSKTV\*YITTTTV\*\*QH\*RK\*HTHNSMQNKTSYKQVAGSRKSNVCPSHQRTN\*MCIKHYRAAINKRWWKD\*G\*YY\*YY\*GLQTSRRKYER\*LEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSNRGIRSVVPWVLGSSRKHYGRSVNNADGTGQTNIVWYSATAE\*FAESY\*GATTSVATHSLGHQAAPSKNPGCGKIPTGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISGLYLE\*HDLDGVGKRS\*\*LHRLNIHLN\*RLANPTRKE\*KRFIGIR\*MGKFVELVRHIKLAVVYKNIHNDSRRLSRFKNSFSCTFYSK\*S\*AGIFTIIVADPPPSSEGTRQARRNRRRRWRQRLGQIRSI

>B.2006.JF320515.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAPPDNQTHQVSLSKQ\*VIYVMQSLHIVAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCREMGHSLLWGTCVERSDHHSLLCIRC\*SICCRGT\*CLGHSCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPEAMCKINPTLCYFKLH\*CDCDY\*\*DC\*YHY\*SRGNDGKRRNKKLLFQYHHKHKN\*GARICIIL\*N\*YSTNK\*\*QL\*YQLYQL\*VDKL\*HLSHYTGLSKGILRANSHTLLCPGRICDSKV\*\*KGIQGNRTM\*KCQYSTMYTWN\*ASSINSTDVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAERNCTN\*LYKTQQQYKERYTYGTRENTLCNRSNNRKYKTSTL\*Y\*\*NKME\*HFTTGNCKIKRTI\*\*\*NYTL\*SILRGRPRN\*NAQF\*LWRGIFLL\*YSKTV\*YIKTTTV\*\*QH\*RK\*HTHNSMQNKTSYKQVAGSRKSNVCPSHQRTN\*MCIKHYRAAINKRWWKD\*G\*YY\*YY\*GLQTSRRKYER\*LEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSNRGIRSVVPWVLGSSRKHYGRSVNNADGTGQTNIVWYSATAE\*FAESY\*GATTSVATHSLGHQAAPSKNPGCGKIPTGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISGLYLE\*HDLDGVGKRS\*\*LHRLNIHLN\*RLANPTRKE\*KRFIGIR\*MGKFVELVRHIKLAVVYKNIHNDSRRLSRFKNSFSCTFYSK\*S\*AGIFTIIVADPPPSSEGTRQARRNRRRRWRQRRGQIRSI

>B.2006.JF320516.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAPPDNQTHQVSLSKQ\*VIYVMQSLHIVAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCREMGHSLLWGTCVERSDHHSLLCIRC\*SICCRGT\*CLGHSCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPEAMCKINPTLCYFKLH\*CDCDY\*\*DC\*YHY\*SRGNDGKRRNKKLLFQYHHKHKN\*GARICIIL\*N\*YSTNK\*\*QL\*YQLYQL\*VDKL\*HLSHYTGLSKGILRANSHTLLCPGWICDSKV\*\*KGIQGNRTM\*KCQYSTMYTWN\*ASSINSTDVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAERNCTN\*LYKTQQQYKERYTYGTRENTLCNRSNNRKYKTSTL\*Y\*\*NKME\*HFTTGNCKIKRTI\*\*\*NYTL\*SILRGRPRN\*NAQF\*LWRGIFLL\*YSKTV\*YITTTTV\*\*QH\*RK\*HTHNSMQNKTSYKQVAGSRKSNVCPSHQRTN\*MCIKHYRAAINKRWWKD\*G\*YY\*YY\*GLQTSRRKYER\*LEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSNRGIRSVVPWVLGSSRKHYGRSVNNADGTGQTNIVWYSATAE\*FAESY\*GATTSVATHSLGHQAAPSKNPGCGKIPTGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISGLYLE\*HDLDGVGKRS\*\*LHRLNIHLN\*RLANPTRKE\*KRFIGIR\*MGKFVELVRHIKLAVVYKNIHNDSRRLSRFKNSFSCTFYSK\*S\*AGIFTIIVADPPPSSEGTRQARRNRRRRWRQRLGQIRSI

>B.2006.JF320517.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAPPDNQTHQVSLSKQ\*VIYVMQSLHIVAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCREMGHSLLWGTCVERSDHHSLLCIRC\*SICCRGT\*CLGHSCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPEAMCKINPTLCYFKLH\*CDCDY\*\*DC\*YHY\*SRGNDGKRRNKKLLFQYHHKHKN\*GARICIIL\*N\*YSTNK\*\*QL\*YQLYQL\*VDKL\*HLSHYTGLSKGILRANSHTLLCPGWICDSKV\*\*KGIQGNRTM\*KCQYSTMYTWN\*ASSINSTDVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAERNCTN\*LYKTQQQYKERYTYGTRENTLCNRSNNRKYKTSTL\*Y\*\*NKME\*HFTTGNCKIKRTI\*\*\*NYTL\*SILRGRPRN\*NAQF\*LWRGIFLL\*YSKTV\*YITTTTV\*\*QH\*RK\*HTHNSMQNKTSYKQVAGSRKSNVCPSHQRTN\*MCIKHYRAAINKRWWKD\*GEYY\*YY\*GLQTSRRKYER\*LEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSNRGIRSVVPWVLGSSRKHYGRSVNNADGTGQTNIVWYSATAE\*FAESY\*GATTSVATHSLGHQAAPSKNPGCGKIPTGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISGLYLE\*HDLDGVGKRS\*\*LHRLNIHLN\*RLANPTRKE\*KRFIGIR\*MGKFVELVRHIKLAVVYKNIHNDSRRLSRFKNSFSCTFYSK\*S\*AGIFTIIVADPPPSSEGTRQARRNRRRRWRQRRGQIRSI

>B.2006.JF320518.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAPPDNQTHQVSLSKQ\*VIYVMQSLHIVAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCREMGHSLLWGTCVERSDHHSLLCIRC\*SICCRGT\*CLGHSCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPEAMCKINPTLCYFKLH\*CDCDY\*\*DC\*YHY\*SRGDDGKRRNKKLLFQYHHKHKN\*GARICIIL\*N\*YSTNK\*\*QL\*YQLYQL\*VDKL\*HLSHYTGLSKGILRANSHTLLCPGWICDSKV\*\*KGIQGNRTM\*KCQYSTMYTWN\*ASSINSTDVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAERNCTN\*LYKTQQQYKERYTYGTRENTLCNRSNNRKYKTSTL\*Y\*\*NKME\*HFTTGNCKIKRTI\*\*\*NYTL\*SILRGRPRN\*NAQF\*LWRGIFLL\*YSKTV\*YITTTTV\*\*QH\*RK\*HTHNSMQNKTSYKQVAGSRKSNVCPSHQRTN\*MCIKHYRAAINKRWWKD\*G\*YY\*YY\*GLQTSRRKYER\*LEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSNRGIRSVVPWVLGSSRKHYGRSVNNADGTGQTNIVWYSATAE\*FAESY\*GATTSVATHSLGHQAAPSKNPGCGKIPTGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISGLYLE\*HDLDGVGKRS\*\*LHRLNIHLN\*RLANPTRKE\*KRFIGIR\*MGKFVELVRHIKLAVVYKNIHNDSRRLSRFKNSFSCTFYSK\*S\*AGIFTIIVADPPPSSEGTRQARRNRRRRWRQRRGQIRSI

>B.2006.JF320519.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAPPDNQTHQVSLSKQ\*VIYVMQSLHIVAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCREMGHSLLWGTCVERSDHHSLLCIRC\*SICCRGA\*CLGHSCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPEAMCKINPTLCYFKLH\*CDCDY\*\*DC\*YHY\*SRGNGGKRRNKKLLFQYHHKHKN\*GARICIIL\*N\*YSTNK\*\*QL\*YQLYQL\*VDKL\*HLSHYTGLSKGILRANSHTLLCPGWICDSKV\*\*KGIQGNRTM\*KCQYSTVYTWN\*ASSINSTDVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAERNCTN\*LYKTQQQYKERYTYGTRENTLCNRSNNRKYKTSTL\*Y\*\*NKME\*HFTTGNCKIKRTI\*\*\*NYTL\*SILRGRPRN\*NAQF\*LWRGIFLL\*YSKTV\*YITTTTV\*\*QH\*RK\*HTHNSMQNKTSYKQVAGSRKSNVCPSHQRTN\*MCIKHYRAAINKRWWKD\*G\*YY\*YY\*GLQTSRRKYER\*LEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSNRGIRSVVPWVLGSSRKHYGRSVNNADGTGQTNIVWYSATAE\*FAESY\*GATTSVATHSLGHQAAPSKNPGCGKIPTGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISGLYLE\*HDLDGVGKRS\*\*LHRLNIHLN\*RLANPTRKE\*KRFIGIR\*MGKFVELVRHIKLAVVYKNIHNDSRRLSRFKNSFSCTFYSK\*S\*AGIFTIIVADPPPSSEGTRQARRNRRRRWRQRRGQIRSI

>B.2006.JF320520.-

MEPVDPRLEPWKHPGSQPRTECTNCYCKKCCFHCQVCFLKKGLGISYGRKKRNQRRRTPLDSKNHQASLSKQ\*VVYVMQSLTIIAIIALVVAILIAIVVWSIVFIEYRKILRQRKIDRLIDRLRERAEDSGNESEGDQEELSAIMEMGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERRKHHSILCIRC\*SICHRGT\*CLGHTCLCTHRP\*STRSRIEKCDRKF\*HVEKQHGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LE\*YAE\*Y\*LGK\*Y\*CGKDR\*RRDKKLLFQYHHNNKKEGKERICTFLSS\*CSAYR\*G\*YNLYIEPL\*HLSHYTDLSKGIL\*TNSHTLLYPGWFCDSKV\*G\*EIQWNRTM\*KCQYSTMYTWN\*TSSVNSTTVKWQSSRRRDSN\*I\*KSHGQY\*KHNSTTEGTCRN\*LYKTQQ\*YKKKYNYRTRESILYNRRHNRRYKTSTL\*H\*\*RKVE\*HHKTDS\*KTTRTLWKQNNNI\*SILRRGSRNYNAQF\*LWRGILLL\*YNRTV\*\*YLE\*YKVK\*HCKQ\*DYHTPM\*NKTNYKQMAGSRKSNVCPSHQRTN\*LFIKYYRADINKRWWKQ\*SRKRE\*DLQTWRGRYEGQLEK\*II\*I\*SSKS\*AIRSSTHQGKEKSGAERKKSSRNNGSFVPWVLGNSRKHYGRSGNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQAASGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*KSE\*DLG\*HDLDGVGERN\*QLHRLNIQLT\*RIAEPTRKE\*TRIIGIGYVGKFVELV\*HNKLAVVYKTIHNDSRRFSRLKNSFCCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRTRQRQIRSI

>B.2006.JF320524.-

MEPVDPRLEPWKHPGSQPRTECTNCYCKKCCFHCQVCFLKKGLGISYGRKKRNQRRRTPLDSKNHQASLSKQ\*VVYVMQSLTIIAIIALVVAILIAIVVWSIVFIEYRKILRQRKIDRLIDRLRERAEDSGNESEGDQEELSAIMEMGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERRKHHSILCIRC\*SICHRGT\*CLGHTCLCTHRP\*STRSRIEKCDRKF\*HVEKQHGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LE\*YAE\*Y\*LGK\*Y\*CGKDR\*RRDKKLLFQYHHNNKKEGKERICTFLSS\*CSAYR\*G\*YNLYIEPL\*HLSHYTDLSKGIL\*TNSHTLLYPGWFCDSKV\*G\*EIQWNRTM\*KCQYSTMYTWN\*TSSVNSTTVKWQSSRRRDSN\*I\*KSHGQY\*KHNSTTEGTCRN\*LYKTQQ\*YKKKYNYRTRESILYNRRHNRRYKTSTL\*H\*\*RKVE\*HHKTDS\*KTTRTLWKQNNNI\*SILRRGSRNYNAQF\*LWRGILLL\*YNRTV\*\*YLE\*YKVK\*HCKQ\*DYHTPM\*NKTNYKQMAGSRKSNVCPSHQRTN\*LFIKYYRADINKRWWKQ\*SRKRE\*DLQTWRGRYEGQLEK\*II\*I\*SSKS\*AIRSSTHQGKEKSGAEXKKSSRNNGSFVPWVLGNSRKHYGRSGNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQAASGKSPGCXKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*KSE\*DLG\*HDLDGVGERN\*QLHRLNIQLT\*RIAEPTRKE\*TRIIGIGYVGKFVELV\*HNKLAVVYKTIHNDSRRFSRLKNSFCCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRTRQRQIRSI

>B.2006.JF320526.-

MEPVDPRLEPWKHPGSQPRTECTNCYCKKCCFHCQVCFLKKGLGISYGRKKRNQRRRTPLDSKNHQASLSKQ\*VVYVMQSLTIIAIIALVVAILIAIVVWSIVFIEYRKILRQRKIDRLIDRLRERAEDSGNESEGDQEELSAIMEMGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERRKHHSILCIRC\*SICHRGT\*CLGHTCLCTHRP\*STRSRIEKCDRKF\*HVEKQHGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LE\*YAE\*Y\*LGK\*Y\*CGKDR\*RRDKKLLFQYHHNNKKEGKERICTFLSS\*CSAYR\*G\*YNLYIEPL\*HLSHYTDLSKGIL\*TNSHTLLYPGWFCDSKV\*G\*EIQWNRTM\*KCQYSTMYTWN\*TSSVNSTTVKWQSSRRRDSN\*I\*KSHGQY\*KHNSTTEGTCRN\*LYKTQQ\*YKKKYNYRTRESILYNRRHNRRYKTSTL\*H\*\*RKVE\*HHKTDS\*KTTRTLWKQNNNI\*SILRRGSRNYNAQF\*LWRGILLL\*YNRTV\*\*YLE\*YKVK\*HCKQ\*DYHTPM\*NKTNYKQMAGSRKSNVCPSHQRTN\*LFIKYYRADINKRWWKQ\*SRKRE\*DLQTWRGRYEGQLEK\*II\*I\*SSKS\*AIRSSTHQGKEKSGAERKKSSRNNGSFVPWVLGNSRKHYGRSGNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQAASGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*KSE\*DLG\*HDLDGVGERN\*QLHRLNIQLT\*RIAEPTRKE\*TRIIGIGYVGKFVELV\*HNKLAVVYKTIHNDSRRFSRLKNSFCCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRTRQRQIRSI

>B.2006.JF320527.-

MEPVDPRLEPWKHPGSQPRTECTNCYCKKCCFHCQVCFLKKGLGISYGRKKRNQRRRTPLDSKNHQASLSKQ\*VVYVMQSLTIIAIIALVVAILIAIVVWSIVFIEYRKILRQRKIDRLIDRLRERAEDSGNESEGDQEELSAIMEMGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERRKHHSILCIRC\*SICHRGT\*CLGHTCLCTHRP\*STRSRIEKCDRKF\*HVEKQHGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LE\*YAE\*Y\*LGK\*Y\*CGKDR\*RRDKKLLFQYHHNNKKEGKERICTFLSS\*CSAYR\*G\*YNLYIEPL\*HLSHYTDLSKGIL\*TNSHTLLYPGWFCDSKV\*G\*EIQWNRTM\*KCQYSTMYTWN\*TSSVNSTTVKWQSSRRRDSN\*I\*KSHGQY\*KHNSTTEGTCRN\*LYKTQQ\*YKKKYNYRTRESILYNRRHNRRYKTSTL\*H\*\*RKVE\*HHKTDS\*KTTRTLWKQNNNI\*SILRRGSRNYNAQF\*LWRGILLL\*YNRTV\*\*YLE\*YKVK\*HCKQ\*DYHTPM\*NKTNYKQMAGSRKSNVCPSHQRTN\*LFIKYYRADINKRWWKQ\*SRKRE\*DLQTWRGRYEGQLEK\*II\*I\*SSKS\*AIRSSTHQGKEKSGAERKKSSRNNGSFVPWVLGNSRKHYGRSGNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQAASGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*KSE\*DLG\*HDLDGVGERN\*QLHRLNIQLT\*RIAEPTRKE\*TRIIGIGYVGKFVELV\*HNKLAVVYKTIHNDSRRFSRLKNSFCCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRTRQRQIRSI

>B.2006.JF320528.-

MEPVDPRLEPWKHPGSQPRTECTNCYCKKCCFHCQVCFLKKGLGISYGRKKRNQRRRTPLDSKNHQASLSKQ\*VVYVMQSLTIIAIIALVVAILIAIVVWSIVFIEYRKILRQRKIDRLIDRLRERAEDSGNESEGDQEELSAIMEMGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERRKHHSILCIRC\*SICHRGT\*CLGHTCLCTHRP\*STRSRIENCDRKF\*HVEKQHGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LE\*YAE\*Y\*LGK\*Y\*CGKDR\*RRDKKLLFQYHHNNKKEGKERICTFLSS\*CSAYR\*G\*YNLYIEPL\*HLSHYTDLSKGIL\*TNSHTLLYPGWFCDSKV\*G\*EIQWNRTM\*KCQYSTMYTWN\*TSSVNSTTVKWQSSRRRDSN\*I\*KSHGQY\*KHNSTTEGTCRN\*LYKTQQ\*YKKKYNYRTRESILYNRRHNRRYKTSTL\*H\*\*RKVE\*HHKTDS\*KTTRTLWKQNNNI\*SILRRGSRNYNAQF\*LWRGILLL\*YNRTV\*\*YLE\*YKVK\*HCKQ\*DYHTPM\*NKTNYKQMAGSRKSNVCPSHQRTN\*LFIKYYRADINKRWWKQ\*SRKRE\*DLQTWRGRYEGQLEK\*II\*I\*SSKS\*AIRSSTHQGKEKSGAERKKSSRNNGSFVPWVLGNSRKHYGRSGNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQAASGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*KSE\*DLG\*HDLDGVGERN\*QLHRLNIQLT\*RIAEPTRKE\*TRIIGIGYVGKFVELV\*HNKLAVVYKTIHNDSRRFSRLKNSFCCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRTRQRQIRSI

>B.2006.JF320529.-

MEPVDPRLEPWKHPGSQPRTECTNCYCKKCCFHCQVCFLKKGLGISYGRKKRNQRRRTPLDSKNHQASLSKQ\*VVYVMQSLTIIAIIALVVAILIAIVVWSIVFIEYRKILRQRKIDRLIDRLRERAEDSGNESEGDQEELSAIMEMGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERRKHHSILCIRC\*SICHRGT\*CLGHTCLCTHRP\*STRSRIEKCDRKF\*HVEKQHGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LE\*YAE\*Y\*LGK\*Y\*CGKDR\*RRDKKLLFQYHHNNKKEGKERICTFLSS\*CSAYR\*G\*YNLYIEPL\*HLSHYTDLSKGIL\*TNSHTLLYPGWFCDSKV\*G\*EIQWNRTM\*KCQYSTMYTWN\*TSSVNSTTVKWQSSRRRDSN\*I\*KSHGQY\*KHNSTTEGTCRN\*LYKTQQ\*YKKKYNYRTRESILYNRRHNRRYKTSTL\*H\*\*RKVE\*HHKTDS\*KTTRTLWKQNNNI\*SILRRGSRNYNAQF\*LWRGILLL\*YNRTV\*\*YLE\*YKVK\*HCKQ\*DYHTPM\*NKTNYKQMAGSRKSNVCPSHQRTN\*LFIKYYRADINKRWWKQ\*SRKRE\*DLQTWRGRYEGQLEK\*II\*I\*SSKS\*AIRSSTHQGKEKSGAERKKSSRNNGSFVPWVLGNSRKHYGRSGNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQAASGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*KSE\*DLG\*HDLDGVGERN\*QLHRLNIQLT\*RIAEPTRKE\*TRIIGIGYVGKFVELV\*HNKLAVVYKTIHNDSRRFSRLKNSFCCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRTRQRQIRSI

>B.2007.JF320530.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFIKKGLGIFYGRKKRRQRRRPHQDSQNHQISLSKQ\*VVYVMQSLQILSIVALVIVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*C\*RTIVGHSILWGTCVERSNHHSLLCIRC\*SISHRGT\*CLGHTCLCTHRP\*PTRNRIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKVH\*Y\*CH\*Y\*YH\*Y\*YH\*\*WRDRRRNEKLLFQYHHKQNR\*EENRICTFL\*S\*CSINRRE\*\*QL\*VDKL\*HHNHYTSLSKGILGTNSHTLLYSGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRTRGSN\*I\*KFHEQC\*NHNSTAEGPCSN\*LYKTQQQYKKKYTYRPRESILCNRTNNRRYKKSTL\*H\*\*GRME\*HFTSDS\*QITRTI\*E\*NNSL\*\*IFRRGPRNCNAQF\*LCRGIFLL\*YNTAV\*FYLEQYYQ\*K\*HY\*RRKHHTPMQNKTNYK\*VARSRKSNVRPSHRRTN\*MLIKHYRAVINKRWW\*\*\*\*HHHHRDLQTRRRGYER\*LEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKESSGNNRSYVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSAAAEQSAASY\*GATASVAAHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*NTKSNLG\*HDLDGVGERNRQLYKQNIHLN\*RIAEPTGKE\*TRIVRIG\*VVKFVELV\*HNKLAVVYKNIHNDSRRFSRFKNSFYCTFCSKKS\*AGILTFVISDPPPNPEGTRQARRNRRRRWRERQRHIRAV

>B.2007.JF320531.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFIKKGLGIFYGRKKRRQRRRPHQDSQNHQISLSKQ\*VVYVMQSLQILSIVALVIVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*C\*RTIVGHSILWGTCVERSNHHSLLCIRC\*SISHRGT\*CLGHTCLCTHRP\*PTRNRIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKVH\*Y\*CH\*Y\*YH\*Y\*YH\*\*WRDRRRNEKLLFQYHHKQNR\*EENRICTFL\*S\*CSINRRE\*\*QL\*VDKL\*HHNHYTSLSKGILGTNSHTLLYSGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRTRGSN\*I\*KFHEQC\*NHNSTAEGPCSN\*LYKTQQQYKKKYTYRPRESILCNRTNNRRYKKSTL\*H\*\*GRME\*HFTSDS\*QITRTI\*E\*NNSL\*\*IFRRGPRNCNAQF\*LCRGIFLL\*YNTAV\*FYLEQYYQ\*K\*HY\*RRKHHTPMQNKTNYK\*VARSRKSNVRPSHRRTN\*MLIKHYRAVINKRWW\*\*\*\*HHHHRDLQTRRRGYER\*LEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKESSGNNRSYVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSAAAEQSAASY\*GATASVAAHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*NTKSNLG\*HDLDGVGERNRQLYKQNIHLN\*RIAEPTGKE\*TRIVRIG\*VVKFVELV\*HNKLAVVYKNIHNDSRRFSRFKNSFYCTFCSKKS\*AGILTFVISDPPPNPEGTRQARRNRRRRWRERQRHIRAV

>B.2007.JF320532.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFIKKGLGIFYGRKKRRQRRRPHQDSQNHQISLSKQ\*VVYVMQSLQILSIVALVIVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*C\*RTIVGHSILWGTCVERSNHHSLLCIRC\*SISHRGT\*CLGHTCLCTHRP\*PTRNRIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKVH\*Y\*CH\*Y\*YH\*Y\*YH\*\*WRDRRRNEKLLFQYHHKQNR\*EENRICTFL\*S\*CSINRRE\*\*QL\*VDKL\*HHNHYTSLSKGILGTNSHTLLYSGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRTRGSN\*I\*KFHEQC\*NHNSTAEGPCSN\*LYKTQQQYKKKYTYRPRESILCNRTNNRRYKKSTL\*H\*\*GRME\*HFTSDS\*QITRTI\*E\*NNSL\*\*IFRRGPRNCNAQF\*LCRGIFLL\*YNTAV\*FYLEQYYQ\*K\*HY\*RRKHHTPMQNKTNYK\*VARSRKSNVRPSHRRTN\*MLIKHYRAVINKRWW\*\*\*\*HHHHRDLQTRRRGYER\*LEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKESSGNNRSYVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSAAAEQSAASY\*GATASVAAHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*NTKSNLG\*HDLDGVGERNRQLYKQNIHLN\*RIAEPTGKE\*TRIVRIG\*VVKFVELV\*HNKLAVVYKNIHNDSRRFSRFKNSFYCTFCSKKS\*AGILTFVISDPPPNPEGTRQARRNRRRRWRERQRHIRAV

>B.2007.JF320533.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFIKKGLGIFYGRKKRRQRRRPHQDSQNHQISLSKQ\*VVYVMQSLQILSIVALVIVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*C\*RTIVGHSILWGTCVERSNHHSLLCIRC\*SISHRGT\*CLGHTCLCTHRP\*PTRNRIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKVH\*Y\*CH\*Y\*YH\*Y\*YH\*\*WRDRRRNEKLLFQYHHKQNR\*EENRICTFL\*S\*CSINRRE\*\*QL\*VDKL\*HHNHYTSLSKGILGTNSHTLLYSGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRTRGSN\*I\*KFHEQC\*NHNSTAEGPCSN\*LYKTQQQYKKKYTYRPRESILCNRTNNRRYKKSTL\*H\*\*GRME\*HFTSDS\*QITRTI\*E\*NNSL\*\*IFRRGPRNCNAQF\*LCRGIFLL\*YNTAV\*FYLEQYYQ\*K\*HY\*RRKHHTPMQNKTNYK\*VARSRKSNVRPSHRRTN\*MLIKHYRAVINKRWW\*\*\*\*HHHHRDLQTRRRGYER\*LEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKESSGNNRSYVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSAAAEQSAASY\*GATASVAAHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*NTKSNLG\*HDLDGVGERNRQLYKQNIHLN\*RIAEPTGKE\*TRIVRIG\*VVKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFCSKKS\*AGILTFVISDPPPNPEGTRQARRNRRRRWRERQRHIRAV

>B.2007.JF320534.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFIKKGLGIFYGRKKRRQRRRPHQDSQNHQISLSKQ\*VVYVMQSLQILSIVALVIVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*C\*RTIVGHSILWGTCVERSNHHSLLCIRC\*SISHRGT\*CLGHTCLCTHRP\*PTRNRIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKVH\*Y\*CH\*Y\*YH\*Y\*YH\*\*WRDRRRNEKLLFQYHHKQNR\*EENRICTFL\*S\*CSINRRE\*\*QL\*VDKL\*HHNHYTSLSKGILGTNSHTLLYSGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRTRGSN\*I\*KFHEQC\*NHNSTAEGPCSN\*LYKTQQQYKKKYTYRPRESILCNRTNNRRYKKSTL\*H\*\*GRME\*HFTSDS\*QITRTI\*E\*NNSL\*\*IFRRGPRNCNAQF\*LCRGIFLL\*YNTAV\*FYLEQYYQ\*K\*HY\*RRKHHTPMQNKTNYK\*VARSRKSNVRPSHRRTN\*MLIKHYRAVINKRWW\*\*\*\*HHHHRDLQTRRRGYER\*LEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKESSGNNRSYVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSAAAEQSAASY\*GATASVAAHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*NTKSNLG\*HDLDGVGERNRQLYKQNIHLN\*RIAEPTGKE\*TRIVRIG\*VVKFVELV\*HNKLAVVYKNIHNDSRRFSRFKNSFYCTFCSKKS\*AGILTFVISDPPPNPEGTRQARRNRRRRWRERQRHIRAV

>B.2007.JF320535.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFIKKGLGIFYGRKKRRQRRRPHQDSQNHQISLSKQ\*VVYVMQSLQILSIVALVIVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*C\*RTIVGHSILWGTCVERSNHHSLLCIRC\*SISHRGT\*CLGHTCLCTHRP\*PTRNRIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKVH\*Y\*CH\*Y\*YH\*Y\*YH\*\*WRDRRRNEKLLFQYHHKQNR\*EENRICTFL\*S\*CSINRRE\*\*QL\*VDKL\*HHNHYTSLSKGILGTNSHTLLYSGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRTRGSN\*I\*KFHEQC\*NHNSTAEGPCSN\*LYKTQQQYKKKYTYRPRESILCNRTNNRRYKKSTL\*H\*\*GRME\*HFTSDS\*QITRTI\*E\*NNSL\*\*IFRRGPRNCNAQF\*LCRGIFLL\*YNTAV\*FYLEQYYQ\*K\*HY\*RRKHHTPMQNKTNYK\*VARSRKSNVRPSHRRTN\*MLIKHYRAVINKRWW\*\*\*\*HHHHRDLQTRRRGYER\*LEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKESSGNNRSYVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSAAAEQSAASY\*GATASVAAHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*NTKSNLG\*HDLDGVGERNRQLYKQNIHLN\*RIAEPTGKE\*TRIVRIG\*VVKFVELV\*HNKLAVVYKNIHNDSRRFSRFKNSFYCTFCSKKS\*AGILTFVISDPPPNPEGTRQARRNRRRRWRERQRHIRAV

>B.2007.JF320536.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFIKKGLGIFYGRKKRRQRRRPHQDSQNHQISLSKQ\*VVYVMQSLQILSIVALVIVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*C\*RTIVGHSILWGTCVERSNHHSLLCIRC\*SISHRGT\*CLGHTCLCTHRP\*PTRNRIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKVH\*Y\*CH\*Y\*YH\*Y\*YH\*\*WRDRRRNEKLLFQYHHKQNR\*EENRICTFL\*S\*CSINRRE\*\*QL\*VDKL\*HHNHYTSLSKGILGTNSHTLLYSGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRTRGSN\*I\*KFHEQC\*NHNSTAEGPCSN\*LYKTQQQYKKKYTYRPRESILCNRTNNRRYKKSTL\*H\*\*GRME\*HFTSDS\*QITRTI\*E\*NNSL\*\*IFRRGPRNCNAQF\*LCRGIFLL\*YNTAV\*FYLEQYYQ\*K\*HY\*RRKHHTPMQNKTNYK\*VARSRKSNVRPSHRRTN\*MLIKHYRAVINKRWW\*\*\*\*HHHHRDLQTRRRGYER\*LEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKESSGNNRSYVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSAAAEQSAASY\*GATASVAAHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*NTKSNLG\*HDLDGVGERNRQLYKQNIHLN\*RIAEPTGKE\*TRIVRIG\*VVKFVELV\*HNKLAVVYKNIHNDSRRFSRFKNSFYCTFCSKKS\*AGILTFVISDPPPNPEGTRQARRNRRRRWRERQRHIRAV

>B.2007.JF320539.-

MEPVDPRLDPWKHPGSQPQTPCTTCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRTPQHSETHQETLSKQ\*VVYVMQPLEILAIVALVVAAILAIVVWTIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDM\*CRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTH\*PQPTRNKFEKCDRRF\*HVEK\*HGRSDA\*GYNQFMGSKPEAMCEIDPTLCHFKLQ\*LK\*\*H\*E\*E\*Y\*LGGERRNEKLLFQYHHKHKR\*GAGTICIVL\*S\*YSTNR\*\*\*Y\*L\*VEKL\*HLSHHTSLPKDVI\*ANSHTLLCPGWFCDSKV\*\*\*EVQWIRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRRGGSN\*I\*KLYEQC\*NHNGPVERFCKHYLCKTQ\*QYKEKYKHRTRESILCNRRHNRKYKTSTL\*H\*WNKME\*HVNAGS\*KIKRTI\*\*NNNF\*ALLRRGPRNCNAHF\*LWRRIFLL\*YNTIVQ\*YLERY\*RRE\*Y\*E\*\*\*HHHTPMQNKTNCKHVAGSRKSNVCPSHQRTNSMYIKHYRDNINKRWW\*\*HEYH\*DLQTRRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAAGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IYE\*DLE\*HDLDTVGKRN\*QLHRLNIQLN\*TIAKPARKE\*TRFIGIR\*MGKFVGLV\*YIKLAVVYKNIHNDSRRLDRFKNSLYYTFYSE\*S\*AGVLTTVVSDPPPSTEGTRQARRNRRRRWRAKQKQIQLF

>B.2007.JF320541.-

MEPVDPRLDPWKHPGSQPQTPCTTCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRTPQHSETHQETLSKQ\*VVYVMQPLEILAIVALVVAAILAIVVWTIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSVLVERGHLAPWDIDDM\*CRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTH\*PQPTRNKFEKCDRRF\*HVEK\*HGRSDA\*GYNQFMGSKPEAMCEIDPTLCHFKLQ\*LK\*\*H\*E\*E\*Y\*LGGERRNEKLLFQYHHKHKR\*GAGTICIVL\*S\*YSTNR\*\*\*Y\*L\*VEKL\*HLSHHTSLPKDVI\*ANSHTLLCPGWFCDSKV\*\*\*EVQWIRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KLYEQC\*NHNGPVERFCKHYLCKTQ\*QYKEKYKHRTRESILCNRRHNRKYKTSTL\*H\*WNKME\*HVNTGS\*KIKRTI\*\*NNNF\*ALLRRGPRNCNAHF\*LWRRIFLL\*YNTIVQ\*YLERY\*RRE\*Y\*E\*\*\*HHHTPMQNKTNCKHVAGSRKSNVCPSHQRTNSMYIKHYRDNINKRWW\*\*HEYH\*DLQTRRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAAGY\*GATASVATHSLGHQAAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IYE\*DLE\*HDLDTVGKRN\*QLHRLNIQLN\*TIAKPARKE\*TRFIGIR\*MGKFVGLV\*YIKLAVVYKNIHNDSRRLDRFKNSLYYTFYSE\*S\*AGVLTTVVSDPPPSTEGTRQARRNRRRRWRAKQKQIQLF

>B.2007.JF320543.-

MEPVDPRLDPWKHPGSQPQTPCTTCYCKGCCLHCQVCFMTKGLGISYGRKKRRQRRRTPQHSETHQETLSKQ\*VVYVMQPLEILAIVALVVAAILAIVVWTIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDM\*CRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTH\*PQPTRNKFEKCDRRF\*HVEK\*HGRSDA\*GYNQFMGSKPEAMCEIDPTLCHFKLQ\*LK\*\*H\*E\*E\*Y\*LGGERRNEKLLFQYHHKHKR\*GAGTICIVL\*S\*YSTNR\*\*\*Y\*L\*VEKL\*HLSHHTSLPKDVI\*ANSHTLLCPGWFCDSKV\*\*\*EVQWIRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KLYEQC\*NHNGPVERFCKHYLCKTQ\*QYKEKYKHRTRESILCNRRHNRKYKTSTL\*H\*WNKME\*HVNTGS\*KIKRTI\*\*NNNF\*ALLRRGPRNCNAHF\*LWRRIFLL\*YNTIVQ\*YLERY\*RRE\*Y\*E\*\*\*HHHTPMQNKTNCKHVAGSRKSNVCPSHQRTNSMYIKHYRDNINKRWW\*\*HEYH\*DLQTRRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GXEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAAGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IYE\*DLE\*HDLDTVGKRN\*QLHRLNIQLN\*TIAKPARKE\*TRFIGIR\*MGKFVGLV\*YIKLAVVYKNIHNDSRRLDRFKNSLYYTFYSE\*S\*AGVLTTVVSDPPPSTEGTRQARRNRRRRWRAKQKQIQLF

>B.2007.JF320546.-

MEPVDPRLDPWKHPGSQPQTPCTTCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRTPQHSETHQETLSKQ\*VVYVMQPLEILAIVALVVAAILAIVVWTIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSVLVERGHLAPWDIDDM\*CRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTH\*PQPTRNKFEKCDRRF\*HVEK\*HGRSDA\*GYNQFMGSKPEAMCEIDPTLCHFKLQ\*LK\*\*H\*E\*E\*Y\*LGGERRNEKLLFQYHHKHKR\*GAGTICIVL\*S\*YSTNR\*\*\*Y\*L\*VEKL\*HLSHHTSLPKDVI\*ANSHTLLCPGWFCDSKV\*\*\*EVQWIRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KLYEQC\*NHNGPVERFCKHYLCKTQ\*QYKEKYKHRTRESILCNRRHNRKYKTSTL\*H\*WNKME\*HVNTGS\*KIKRTI\*\*NNNF\*ALLRRGPRNCNAHF\*LWRRIFLL\*YNTIVQ\*YLERY\*RRE\*Y\*E\*Y\*HHHTPMQNKTNCKHVAGSRKSNVCPSHQRTNSMYIKHYRDNINKRWW\*\*HEYH\*DLQTRRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAAGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IYE\*DLE\*HDLDTVGKRN\*QLHRPNIQLN\*TIAKPARKE\*TRFIGIR\*MGKFVGLV\*YIKLAVVYKNIHNDSRRLDRFKNSLYYTFYSE\*S\*AGVLTTVVSDPPPSTEGTRQARRNRRRRWRAKQKQIQLF

>B.2007.JF320547.-

MEPVDPRLDPWKHPGSQPQTPCTTCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRTPQHSETHQETLSKQ\*VVYVMQPLEILAIVALVVAAILAIVVWTIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDM\*CRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTH\*PQPTRNKFEKCDRRF\*HVEK\*HGRSDA\*GYNQFMGSKPEAMCEIDPTLCHFKLQ\*LK\*\*H\*E\*E\*Y\*LGGERRNEKLLFQYHHKHKR\*GAGTICIVL\*S\*YSTNR\*\*\*Y\*L\*VEKL\*HLSHHTSLPKDVI\*ANSHTLLCPGWFCDSKV\*\*\*EVQWIRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KLYEQC\*NHNGPVERFCKHYLCKTQ\*QYKEKYKHRTRESILCNRRHNRKYKTSTL\*H\*WNKME\*HVNTGS\*KIKRTI\*\*NNNF\*ALLRRGPRNCNAHF\*LWRRIFLL\*YNTIVQ\*YLERY\*RRE\*Y\*E\*\*\*HHHTPMQNKTNCKHVAGSRKSNVCPSHQRTNSMYIKHYRDNINKRWW\*\*HEYH\*DLQTRRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAAGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IYE\*DLE\*HDLDTVGKRN\*QLHRLNIQLN\*TIAKPARKE\*TRFIGIR\*MGKFVGLV\*YIKLAVVYKNIHNDSRRLDRFKNSLYYTFYSE\*S\*AGVLTTVVSDPPPSTEGTRQARRNRRRRWRAKQKQIQLF

>B.2007.JF320548.-

MEPVDPRLDPWKHPGSQPQTPCTTCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRTPQHSETHQETLSKQ\*VVYVMQPLEILAIVALVVAAILAIVVWTIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALAERGHLAPWDIDDM\*CRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTH\*PQPTRNKFEKCDRRF\*HVEK\*HGRSDA\*GYNQFMGSKPEAMCEIDPTLCHFKLQ\*LK\*\*H\*E\*E\*Y\*LGGERRNEKLLFQYHHKHKR\*GAGTICIVL\*S\*YSTNR\*\*\*Y\*L\*VEKL\*HLSHHTSLPKDVI\*ANSHTLLCPGWFCDSKV\*\*\*EVQWIRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KLYEQC\*NHNGPVERFCKHYLCKTQ\*QYKEKYKHRTRESILCNRRHNRKYKTSTL\*H\*WNKME\*HVNTGS\*KIKRTI\*\*NNNF\*ALLRRGSRNCNAHF\*LWRRIFLL\*YNTIVQ\*YLERY\*RRG\*Y\*E\*\*\*HHHTPMQNKTNCKHVAGSRKSNVCPSHQRTNSMYIKHYRDNINKRWW\*\*HEYH\*DLQTRRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAAGY\*GATASVATHSLGHQAAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IYE\*DLE\*HDLDTVGKRN\*QLHRLNIQLN\*TIAKPARKE\*TRFIGIR\*MGKFVGLV\*YIKLAVVYKNIHNDSRRLDRFKNSLYYTFYSE\*S\*AGVLTTVVSDPPPSTEGTRQARRNRRRRWRAKQKQIQLF

>B.2007.JF320554.-

MEPVDPRLDPWKHPGSQPQTPCTTCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRTPQHSETHQETLSKQ\*VVYVMQPLEILAIVALVVAAILAIVVWTIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDM\*CRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTH\*PQPTRNKFEKCDRRF\*HVEK\*HGRSDA\*GYNQFMGSKPEAMCEIDPTLCHFKLQ\*LK\*\*H\*E\*E\*Y\*LGGERRNEKLLFQYHHKHKR\*GAGTICIVL\*S\*YSTNR\*\*\*Y\*L\*VEKL\*HLSHHTSLPKDVI\*ANSHTLLCPGWFCDSKV\*\*\*EVQWIRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KLYEQC\*NHNGPVERFCKHYLCKTQ\*QYKEKYKHRTRESILCNRRHNRKYKTSTL\*H\*WNKME\*HVNTGS\*KIKRTI\*\*NNNF\*ALLRRGPRNCNAHF\*LWRRIFLL\*YNTIVQ\*YLERY\*RRE\*Y\*E\*\*\*HHHTPMQNKTNCKHVAGSRKSNVCPSHQRTNSMYIKHYRDNINKRWW\*\*HEYH\*DLQTRRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAAGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IYE\*DLE\*HDLDTVGKRN\*QLHRLNIQLN\*TIAKPARKE\*TRFIGIR\*MGKFVGLV\*YIKLAVVYKNIHNDSRRLDRFKNSLYYTFYSE\*S\*AGVLTTVVSDPPPSTEGTRQARRNRRRRWRAKQKQIQLF

>B.2007.JF320555.-

MEPVDPRLDPWKHPGSQPQTPCTTCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRTPQHSETHQETLSKQ\*VVYVMQPLEILAIVALVVAAILAIVVWTIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSVLVERGHLAPWDIDDM\*CRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTH\*PQPTRNKFEKCDRRF\*HVEK\*HGRSDA\*GYNQFMGSKPEAMCEIDPTLCHFKLQ\*LK\*\*H\*E\*E\*Y\*LGGERRNEKLLFQYHHKHKR\*GAGTICIVL\*S\*YSTNR\*\*\*Y\*L\*VEKL\*HLSHHTSLPKDVI\*ANSHTLLCPGWFCDSKV\*\*\*EVQWIRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KLYEQC\*NHNGPVERFCKHYLCKTQ\*QYKEKYKHRTRESILCNRRHNRKYKTSTL\*H\*WNKME\*HVNTGS\*KIKRTI\*\*NNNF\*ALLRRGPRNCNAHF\*LWRRIFLL\*YNTIVQ\*YLERY\*RRE\*Y\*E\*\*\*HHHTPMQNKTNCKHVAGSRKSNVCPSHQRTNSMYIKHYRDNINKRWW\*\*HEYH\*DLQTRRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAAGY\*GATASVATHSLGHQAAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IYE\*DLE\*HDLDTVGKRN\*QLHRLNIQLN\*TIAKPARKE\*TRFIGIR\*MGKFVGLV\*YIKLAVVYKNIHNDSRRLDRFKNSLYYTFYSE\*S\*AGVLTTVVSDPPPSTEGTRQARRNRRRRWRAKQKQIQLF

>B.2007.JF320556.-

MEPVDPRLDPWKHPGSQPQTPCTTCYCKRCCLHCQACFMTKGLGISYGRKKRRQRRRTPQHSETHQETLSKQ\*VVYVMQPLEILAIVALVVAAILAIVVWTIVLIEYRIILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDM\*CRTIVGHSLLWGTCVERSNNHSILCIRC\*SI\*YRGT\*CLGHTRLCTH\*PQPTRNKFEKCDRRF\*HVEK\*HGRSDA\*GYNQFMGSKPEAMCEIDPTLCHFKLQ\*LK\*\*H\*E\*E\*Y\*LGGERRNEKLLFQYHHKHKR\*GAGTICIVL\*S\*YSTNR\*\*\*Y\*L\*VEKL\*HLSHHTSLPKDVI\*ANSHTLLCPGWFCDSKV\*\*\*EVQWIRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KLYEQC\*NHNGPVERFCKHYLCKTQ\*QYKEKYKHRTRESILCNRRHNRKYKTSTL\*H\*WNKME\*HVNTGS\*KIKRTI\*\*NNNF\*ALLRRGPRNCNAHF\*LWRRIFLL\*YNTIVQ\*YLERY\*RRG\*Y\*E\*\*\*HHHTPMQNKTNCKHVAGSRKSNVCPSHQRTNSMYIKHYRDNINKRWW\*\*HEYH\*DLQTRRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAAGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IYE\*DLE\*HDLDTVGKRN\*QLHRLNIQLN\*TIAKPARKE\*TRFIGIR\*MGKFVGLV\*YIKLAVVYKNIHNDSRRLDRFKNSLYYTFYSE\*S\*AGVLTTVVSDPPPSTEGTRQARRNRRRRWRAKQKQIQLF

>B.2007.JF320557.-

MEPVDPRLDPWKHPGSQPQTPCTTCYCKGCCLHCQVCFMTKGLGISYGRKKRRQRRRTPQHSETHQETLSKQ\*VVYVMQPLEILAIVALVVAAILAIVVWTIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSVLVERGHLAPWDIDDM\*CRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTH\*PQPTRNKFEKCDRRF\*HVEK\*HGRSDA\*GYNQFMGSKPEAMCEIDPTLCHFKLQ\*LK\*\*H\*E\*E\*Y\*LGGERRNEKLLFQYHHKHKR\*GAGTICIVL\*S\*YSTNR\*\*\*Y\*L\*VEKL\*HLSHHTSLPKDVI\*ANSHTLLCPGWFCDSKV\*\*\*EVQWIRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KLYEQC\*NHNGPVERFCKHYLCKTQ\*QYKEKYKHRTRESILCNRRHNRKYKTSTL\*H\*WNRME\*HVNTGS\*KIKRTI\*\*NNNF\*ALLRRGPRNCNAHF\*LWRRIFLL\*YNTIVQ\*YLERY\*RRE\*Y\*E\*\*\*HHHTPMQNKTNCKHVAGSRKSNVCPSHQRTNSMYIKHYRDNINKRWW\*\*HEYH\*DLQTRRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAAGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IYE\*DLE\*HDLDTVGKRN\*QLHRLNIQLN\*TIAKPARKE\*TRFIGIR\*MGKFVGLV\*YIKLAVVYKNIHNDSRRLDRFKNSLYYTFYSE\*S\*AGVLTTVVSDPPPSTEGTRQARRNRRRRWRAKQKQIQLF

>B.2007.JF320558.-

MEPVDPRLDPWKHPGSQPQTPCTTCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRTPQHSETHQETLSKQ\*VVYVMQPLEILAIVALVVAAILAIVVWTIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSVLVERGHLAPWDIDDM\*CRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTH\*PQPTRNKFGKCDRRF\*HVEK\*HGRSDA\*GYNQFMGSKPEAMCEIDPTLCHFKLQ\*LK\*\*H\*E\*E\*Y\*LGGERRNEKLLFQYHHKHKR\*GAGTICIVL\*S\*YSTNR\*\*\*Y\*L\*VEKL\*HLSHHTSLPKDVI\*ANSHTLLCPGWFCDSKV\*\*\*EVQWIRTMYKCQHSTMYT\*D\*ASSINSTAVKWQSSRRRGSN\*I\*KLYEQC\*NHNGPVERFCKHYLCKTQ\*QYKEKYKHRTRESILCNRRHNRKYKTSTL\*H\*WNKME\*HVNTGS\*KIKRTI\*\*NNNF\*ALLRRGPRNCNAHF\*LWRRIFLL\*YNTIVQ\*YLERY\*RRE\*Y\*E\*\*\*HHHTPMQNKTNCKHVAGSRKSNVCPSHQRTNSMYIKHYRDNINKRWW\*\*HEYH\*DLQTRRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAAGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IYE\*DLE\*HDLDTVGKRN\*QLHRLNIQLN\*TIAKPARKE\*TRFIGIR\*MGKFVGLV\*YIKLAVVYKNIHNDSRRLDRFKNSLYYTFYSE\*S\*AGILTTVVSDPPPSTEGTRQARRNRRRRWRAKQKQIQLF

>B.2007.JF320559.-

MEPVDPSLEPWKHPGSQPKTACNPCYCKKCCFHCQKCFITKGLGISYGRKKRRQRRRTPQDSETHQASLSKQ\*VVHVMQSLEVFSIVAVVIVAIIAIVIWSLVFIEYRKILRQRKIDRLIQRITERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*GCRTIVGHSLLWGTCMERCIHHSILCIRC\*GI\*\*RGS\*CLGHTCLCTHRPQPTRSSIGKCDGKF\*HVEK\*HGRTNA\*GYNQYMGSKSKAMCKINPSLCYFKLY\*LDWEWYQCQY\*CNS\*Y\*\*RRSKKLLFQCLLNHER\*GEERICTFL\*I\*CNKNK\*\*\*\*YFL\*VDKL\*HLSHYTGLSKNIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWNRTM\*KC\*YSTMYTWN\*ASSFNSPAVKWQSSRRRDNNKI\*KYHK\*CQNHNSTFK\*ICNN\*LYKTRQQYKKKYTYRTRESILCNRRHNRRYKKSTL\*H\*YSTME\*HFSKGS\*KIRRTI\*E\*NNSF\*PILRRRSRNCISQF\*LWRRIFLL\*FNKTV\*\*YLEC\*WYY\*\*Y\*RVKYNRGDHAPMQNKTIYKHVAGSRKSNVCPSHQRSN\*LLIKYYRNTVNKRWWK\*PK\*\*HRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRTSTY\*GKEKSGAERKKSSGPGSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATTHVATHSLGHQTTPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*KSESDLG\*HDLDGVGKRN\*QLHRSNIWLT\*RITEPARKE\*TRVIGIR\*MGKFVELV\*HNKLAVVYKNIHNGSSRPGRFKNNFCCAFYSK\*S\*AGIFTIVISDPLPSSEGTRQARRNRRRRWRARQRQIQSL

>B.2007.JF320561.-

MEPVDPSLEPWKHPGSQPKTACNPCYCKKCCFHCQKCFITKGLGISYGRKKRRQRRRTPQDSETHQASLSKQ\*VVHVMQSLEVFSIVAVVIVAIIAIVIWSLVFIEYRKILRQRKIDRLIQRITERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*GCRTIVGHSLLWGTCMERCIHHSILCIRC\*GI\*\*RGS\*CLGHTCLCTHRPQPTRSSIGKCDGKF\*HVEK\*HGRTNA\*GYNQYMGSKSKAMCKINPSLCYFKLY\*LDWEWYQCQY\*CNS\*Y\*\*RRSKKLLFQRLLNHER\*GEERICTFL\*I\*CNKNK\*\*\*\*YFL\*VDKL\*HLSHYTGLSKNIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWNRTM\*KC\*YSTMYTWN\*ASSFNSPAVKWQSSRRRDNNKI\*KYHK\*CQNHNSTFK\*ICNN\*LYKTRQQYKKKYTYRTRESILCNRRHNRRYKKSTL\*H\*YSTME\*HFSKGS\*KIRRTI\*E\*NNSF\*PILRRRSRNCISQF\*LWRRIFLL\*FNKTV\*\*YLEC\*WYY\*\*Y\*RVKYNRGDHAPMQNKTIYKHVAGSRKSNVCPSHQRSN\*LLIKYYRNTVNKRWWK\*PK\*\*HRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRTSTY\*GKEKSGAERKKSSGPGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATTHVATHSLGHQTTPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*KSESDLG\*HDLDGVGKRN\*QLHRSNIWLT\*RITEPARKE\*TRVIGIR\*MGKFVELV\*HNKLAVVYKNIHNGSSRPGRFKNNFCCAFYSK\*S\*AGIFTIVISDPLPSSEGTRQARRNRRRRWRARQRQIQSL

>B.2007.JF320562.-

MEPVDPSLEPWKHPGSQPKTACNPCYCKKCCFHCQKCFITKGLGISYGRKKRRQRRRTPQDSETHQASLSKQ\*VVHVMQSLEVFSIVAVVIVAIIAIVIWSLVFIEYRKILRQRKIDRLIQRITERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*GCRTIVGHSLLWGTCMERCIHHSILCIRC\*GI\*\*RGS\*CLGHTCLCTHRPQPTRSSIGKCDGKF\*HVEK\*HGRTNA\*GYNQYMGSKSKAMCKINPSLCYFKLY\*LDWEWYQCQY\*CNS\*Y\*\*RRSKKLLFQRLLNHER\*GEERICTFL\*I\*CNKNK\*\*\*\*YFL\*VDKL\*HLSHYTGLSKNIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWNRTM\*KC\*YSTMYTWN\*ASSFNSPAVKWQSSRRRDNNKI\*KYHK\*CQNHNSTFK\*ICNN\*LYKTRQQYKKKYTYRTRESILCNRRHNRRYKKSTL\*H\*YSTME\*HFSKGS\*KIRRTI\*E\*NNSF\*PILRRRSRNCISQF\*LWRRIFLL\*FNKTV\*\*YLEC\*WYY\*\*Y\*RVKYNRGDHAPMQNKTIYKHVAGSRKSNVCPSHQRSN\*LLIKYYRNTVNKRWWK\*PK\*\*HRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRTSTY\*GKEKSGAERKKSSGPGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATTHVATHSLGHQTTPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*KSESDLG\*HDLDGVGKRN\*QLHRSNIWLT\*RITEPARKE\*TRVIGIR\*MGKFVELV\*HNKLAVVYKNIHNGSSRPGRFKNNFCCAFYSK\*S\*AGIFTIVISDPLPSSEGTRQARRNRRRRWRARQRQIQSL

>B.2007.JF320563.-

MEPVDPSLEPWKHPGSQPKTACNPCYCKKCCFHCQKCFITKGLGISYGRKKRRQRRRTPQDSETHQASLSKQ\*VVHVMQSLEVFSIVAVVIVAIIAIVIWSLVFIEYRKILRQRKIDRLIQRITERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*GCRTIVGHSLLWGTCMERCIHHSILCIRC\*GI\*\*RGS\*CLGHTCLCTHRPQPTRSSIGKCDGKF\*HVEK\*HGRTNA\*GYNQYMGSKSKAMCKINPSLCYFKLY\*LDWEWYQCQY\*CNS\*Y\*\*RRSKKLLFQRLLNHER\*GEERICTFL\*I\*CNKNK\*\*\*\*YFL\*VDKL\*HLSHYTGLSKNIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWNRTM\*KC\*YSTMYTWN\*ASSFNSPAVKWQSSRRRDNNKI\*KYHK\*CQNHNSTFK\*ICNN\*LYKTRQQYKKKYTYRTRESILCNRRHNRRYKKSTL\*H\*YSTME\*HFSKGS\*KIRRTI\*E\*NNSF\*PILRRRSRNCISQF\*LWRRIFLL\*FNKTV\*\*YLEC\*WYY\*\*Y\*RVKYNRGDHAPMQNKTIYKHVAGSRKSNVCPSHQRSN\*LLIKYYRNTVNKRWWK\*PK\*\*HRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRTSTY\*GKEKSGAERKKSSGPGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATTHVATRSLGHQTTPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*KSESDLG\*HDLDGVGKRN\*QLHRSNIWLT\*RITEPARKE\*TRVIGIR\*MGKFVELV\*HNKLAVVYKNIHNGSSRPGRFKNNFCCAFYSK\*S\*AGIFTIVISDPLPSSEGTRQARRNRRRRWRARQRQIQSL

>B.2006.JF320564.-

MEPVDPSLEPWRHPGSQPKTPCTNCYCKKCCLHCQVCFIQKGLGISYGRKKRRQRRRAPQNSPSRQVPLPKQ\*VVHVMQPLVILAIVGLVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIERISERAEDSGNESDGDQEELSALVDRGHVAPWDVNDL\*C\*RKPVGHSLLWGTCVERSKHHFILCIRC\*SIYTRGT\*CLGHTCLCTHRP\*PTRIKIGKCDRIL\*YVEK\*YGRPDA\*\*YNQFMGSKSKAMCRINPTLCYFKMH\*CY\*CYSRWGERNEKLLFQCYHKQRK\*NEERICTFLYS\*YYTNRQGKLYADNL\*HLSRYTGLSKGIL\*TNSHTLLCPGWLCDSKV\*\*YRVQWNRKLS\*C\*YSTMHTWN\*ASSVDSTAVQWQSSTRRGSN\*I\*KFLRQY\*NHNSTAE\*SCKN\*LY\*TQQQYKKKYKHRTRESNFCNRKSNRRDKTSTL\*HQ\*QRLGKHFRKSG\*KIERAIW\*\*\*NNSL\*SILRRGPRSCNAHS\*LWRGIFLL\*FITDIQ\*YFQ\*YLGEFYRDR\*QYHTPMQNKTNYK\*VAGSRESNVCPSHQWTN\*VYIKYYRNIINKRWWGKYHY\*WYRNLQTWRRKYERQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAKREKSNNARSCVPWVLGXSRKHYGRSVDDTDGTGQTTIVWYSATAK\*FAEGY\*GATTFVAAHSLGHQTAPSKSPGCRKIPKGSTAPGDLGLLWKTHLHHYCVLEY\*LE\*\*IL\*LYLGEHDLDAMGKRN\*QLHRRDIHFN\*RIADPTGKK\*TTIIIIGFVGKSVGLA\*HIKMAELYKNIHNGSRRINRFKNSFYCNFCSE\*S\*AGILTIVIPDPPPKPEGTRQARRNRRRRWRERQRQIQAL

>B.2006.JF320565.-

MEPVDPSLEPWRHPGSQPKTPCTNCYCKKCCLHCQVCFIQKGLGISYGRKKRRQRRRAPQNSPSRQVPLPKQ\*VVHVMQPLVILAIVGLVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIERISERAEDSGNESDGDQEELSALVDRGHVAPWDVNDL\*C\*RKPVGHSLLWGTCVERSKHHFILCIRC\*SIYTRGT\*CLGHTCLCTHRP\*PTRIKIGKCDRIL\*YVEK\*YGRPDA\*\*YNQFMGSKSKAMCRINPTLCYFKMH\*CY\*CYSRWGERNEKLLFQCYHKQRK\*NEERICTFLYS\*YYTNRQGKLYADNL\*HLSRYTGLSKGIL\*TNSHTLLCPGWLCDSKV\*\*YRVQWNRKLS\*C\*YSTMHTWN\*ASSVDSTAVQWQSSTRRGSN\*I\*KFLRQY\*NHNSTAE\*SCKN\*LY\*TQQQYKKKYKHRTRESNFCNRKSNRRDKTSTL\*HQ\*QRLGKHFRKSG\*KIERAIW\*\*\*NNSL\*SILRRGPRSCNAHS\*LWRGIFLL\*FITDIQ\*YFQ\*YLGEFYRDR\*QYHTPMQNKTNYK\*VAGSRESNVCPSHQWTN\*VYIKYYRNIINKRWWGKYHY\*WYRNLQTWRRKYERQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAKREKSNNARSYVPWVLGNSRKHYGRSVDDTDGTGQTTIVWYSATAK\*FAEGY\*GATTFVAAHSLGHQTAPSKSPGCRKIPKGSTAPGDLGLLWKTHLHHYCVLEY\*LE\*\*IL\*LYLGEHDLDAMGKRN\*QLHRRDIHFN\*RIADPTGKK\*TTIIIIGFVGKSVGLA\*HIKMAELYKNIHNGSRRINRFKNSFYCNFCSE\*S\*AGILTIVIPDPPPKPEGTRQARRNRRRRWRERQRQIQAL

>B.2006.JF320566.-

MEPVDPSLEPWRHPGSQPKTPCTNCYCKKCCLHCQVCFIQKGLGISYGRKKRRQRRRAPQNSPSRQVPLPKQ\*VVHVMQPLVILAIVGLVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIERISERAEDSGNESDGDQEELSALVDRGHVAPWDVNDL\*C\*RKPVGHSLLWGTCVERSKHHFILCIRC\*SIYTRGT\*CLGHTCLCTHRP\*PTRIKIGKCDRIL\*YVEK\*YGRPDA\*\*YNQFMGSKSKAMCRINPTLCYFKMH\*CY\*CYSRWGERNEKLLFQCYHKQRK\*NEERICTFLYS\*YYTNRQGKLYADNL\*HLSRYTGLSKGIL\*TNSHTLLCPGWLCDSKV\*\*YRVQWNRKLS\*C\*YSTMHTWN\*ASSVDSTAVQWQSSTRRGSN\*I\*KFLRQY\*NHNSTAE\*SCKN\*LY\*TQQQYKKKYKHRTRESNFCNRKSNRRDKTSTL\*HQ\*QRLGKHFRKSG\*KIERAIW\*\*\*NNSL\*SILRRGPRSCNAHS\*LWRGIFLL\*FITDIQ\*YFQ\*YLGEFYRDR\*QYHTPMQNKTNYK\*VAGSRESNVCPSHQWTN\*VYIKYYRNIINKRWWGKYHY\*WYRNLQTWRRKYERQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAKREKSNNARSYVPWVLGNSRKHYGRSVDDTDGTGQTTIVWYSATAK\*FAEGY\*GATTFVAAHSLGHQTAPSKSPGCRKIPKGSTAPGDLGLLWKTHLHHYCVLEY\*LE\*\*IL\*LYLGEHDLDAMGKRN\*QLHRRDIHFN\*RIADPTGKK\*TTIIIIGFVGKSVGLA\*HIKMAELYKNIHNGSRRINRFKNSFYCNFCSE\*S\*AGILTIVIPDPPPKPEGTRQARRNRRRRWRERQRQIQAL

>B.2006.JF320567.-

MEPVDPSLEPWRHPGSQPKTPCTNCYCKKCCLHCQVCFIQKGLGISYGRKKRRQRRRAPQNSPSRQVPLPKQ\*VVHVMQPLVILAIVGLVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIERISERAEDSGNESDGDQEELSALVDRGHVAPWDVNDL\*C\*RKPVGHSLLWGTCVERSKHHFILCIRC\*SIYTRGT\*CLGHTCLCTHRP\*PTRIKIGKCDKIL\*YVEK\*YGRPDA\*\*YNQFMGSKSKAMCRINPTLCYFKMH\*CY\*CYSRWGERNEKLLFQCYHKQRK\*NEERICTFLYS\*YYTNRQGKLYADNL\*HLSRYTGLSKGIL\*TNSHTLLCPGWLCDSKV\*\*YRVQWNRKLS\*C\*YSTMHTWN\*ASSVDSTAVQWQSSTRRGSN\*I\*KFLRQY\*NHNSTAE\*SCKN\*LY\*TQQQYKKKYKHRTRESNFCNRKSNRRDKTSTL\*HQ\*QRLGKHFRKSG\*KIERAIW\*\*\*NNSL\*SILRRGPRSCNAHS\*LWRGIFLL\*FITDIQ\*YFQ\*YLGEFYRDR\*QYHTPMQNKTNYK\*VAGSRESNVCPSHQWTN\*VYIKYYRNIINKRWWGKYHY\*WYRNLQTWRRKYERQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAKREKSNNARSYVPWVLGNSRKHYGRSVDDTDGTGQTTIVWYSATAK\*FAEGY\*GATTFVAAHSLGHQTAPSKSPGCRKIPKGSTAPGDLGLLWKTHLHHYCVLEY\*LE\*\*IL\*LYLGEHDLDAMGKRN\*QLHRRDIHFN\*RIADPTGKK\*TTIIIIGFVGKSVGLA\*HIKMAELYKNIHNGSRRINRFKNSFYCNFCSE\*S\*AGILTIVIPDPPPKPEGTRQARRNRRRRWRERQRQIQAL

>B.2006.JF320568.-

MEPVDPSLEPWRHPGSQPKTPCTNCYCKKCCLHCQVCFIQKGLGISYGRKKRRQRRRAPQNSPSRQVPLPKQ\*VVHVMQPLVILAIVGLVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIERISERAEDSGNESDGDQEELSALVDRGHVAPWDVNDL\*C\*RKPVGHSLLWGTCVERSKHHFILCIRC\*SIYTRGT\*CLGHTCLCTHRP\*PTRIKIGKCDRIL\*YVEK\*YGRPDA\*\*YNQFMGSKSKAMCRINPTLCYFKMH\*CY\*CYSRWGERNEKLLFQCYHKQRK\*NEERICTFLYS\*YYTNRQGKLYADNL\*HLSRYTGLSKGIL\*TNSHTLLCPGWLCDSKV\*\*YRVQWNRKLS\*C\*YSTMHTWN\*ASSVDSTAVQWQSSTRRGSN\*I\*KFLRQY\*NHNSTAE\*SCKN\*LY\*TQQQYKKKYKHRTRESNFCNRKSNRRDKTSTL\*HQ\*QRLGKHFRKSG\*KIERAIW\*\*\*NNSL\*SILRRGPRSCNAHS\*LWRGIFLL\*FITDIQ\*YFQ\*YLGEFYRDR\*QYHTPMQNKTNYK\*VAGSRESNVCPSHQWTN\*VYIKYYRNIINKRWWGKYHY\*WYRNLQTWRRKYERQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAKREKSNNARSYVPWVLGNSRKHYGRSVDDTDGTGQTTIVWYSATAK\*FAEGY\*GATTFVAAHSLGHQTAPSKSPGCRKIPKGSTAPGDLGLLWKTHLHHYCVLEY\*LE\*\*IL\*LYLGEHDLDAMGKRN\*QLHRRDIHFN\*RIADPTGKK\*TTIIIIGFVGKSVGLA\*HIKMAELYKNIHNGSRRINRFKNSFYCNFCSE\*S\*AGILTIVIPDPPPKPEGTRQARRNRRRRWRERQRQIQAL

>B.2007.JF320570.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKKCCFHCQKCFITKGLGISYGRKKWRQRRRPPQDSKTHQVSLPKQ\*VVHVMQLLVVLAIVALVVAAILAIVVWSIVIIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSACLERGHLAPWDIDDL\*C\*RTVVGHSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPRPTRNDIGKCDRKI\*HVEK\*HGRTDAGRYNQFMGSKFKTMCKINPTLCYFKLY\*CGGEE\*\*H\*WDKC\*RRNEKLLFQYRHKHKG\*I\*ERICTFL\*N\*YKTNRC\*K\*WD\*CHLYQLYIDKL\*HLSNYTGLSKSNL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKRRL\*QCQHSTMYTWN\*ASSVNSTAIEW\*SSRRRSSN\*I\*QFLKQC\*NHNSTAQHPCSN\*LYKTQQQYKKKNFFKSREGILYNRRNNRRYKTSTL\*P\*\*DSME\*HFKKSG\*KITRAI\*E\*NNSL\*QLLRRGPRNCNAQL\*LWRGIFLL\*YNITV\*\*YLE\*Y\*EA\*\*Y\*RVK\*HHYTPMQNKTSYKLVAGSRKSNVCSSHQRTN\*VFIKYYRTDINKRWW\*Q\*RERKRDLQTWRRRYEG\*LEK\*II\*IQSSKN\*TIRSSTHQGKEKSGAERKKSSWTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGTLGLLWKTHLHHCCALEC\*LE\*\*HKSESDLG\*HDLDAVGKRN\*ELHTNNIHLN\*KIAKPTGTE\*TRLIVIRSMGKFVELV\*HNKMAVVYKNIHNDSRWLDRFKNNFCCTFYSK\*G\*EGILTTIVSDPPPRPEGTRQARRNRRRRWRERQRQIQTI

>B.2007.JF320577.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKKCCFHCQKCFITKGLGISYGRKKWRQRRRPPQDSKTHQVSLPKQ\*VVHVMQLLVVLAIVALVVAAILAIVVWSIVIIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSACLERGHLAPWDIDDL\*C\*RTVVGHSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNDIGKCDRKI\*HVEK\*HGRTDAGRYNQFMGSKLKTMCKINPTLCYFKLY\*CGGEE\*\*H\*WEC\*RRNEKLLFQYRHKHKG\*I\*ERICTFL\*N\*YKTNRC\*K\*WD\*CHLYQLYIDKL\*HLSNYTGLSKSNL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKRRL\*QCQHSTMYTWN\*ASSVNSTAIEW\*SSRRRSSN\*I\*QFLKQC\*NHNSTAQHPCSN\*LYKTQQQYKKKNFFKSREGILYNRRNNRRYKTSTL\*P\*\*DSME\*HFKKSG\*KITRAI\*E\*NNSL\*QLLRRGPRNCNAQL\*LWRGIFLL\*YNITV\*\*YLE\*YWEA\*\*Y\*RVK\*HHYTPMQNKTSYKLVAGSRKSNVCSSHQRTN\*VFIKYYRTDINKRWW\*Q\*RERKRDLQTWRRRYEG\*LEK\*II\*IQSSKN\*TIRSSTHQGEEKSGAERKKSNWTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGTLGLLWKTHLHHCCALEC\*LE\*\*HKSESDLG\*HDLDAVGKRN\*ELHTNNIHLN\*KIAKPTGTE\*TRLIVIRSMGKFVELV\*HNKMAVVYKNIHNDSRWLDRFKNNFCCTFYSK\*G\*EGILTTIVSDPPPRPEGTRQARRNRRRRWRERQRQIQTI

>B.2007.JF320578.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKKCCFHCQKCFITKGLGISYGRKKWRQRRRPPQDSKTHQVSLPKQ\*VVHVMQLLVVLAIVALVVAAILAIVVWSIVIIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSACLERGHLAPWDIDDL\*C\*RTVVGHSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNDIGKCDRKI\*HVEK\*HGRTDAGRYHQFMGSKLKTMCKINPTLCYFKLY\*CGGEE\*\*H\*WDKC\*RRNEKLLFQYRHKHKG\*I\*ERICTFL\*N\*YKTNRC\*K\*WD\*CHLYQLYIDKL\*HLSNYTGLSKSNL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWERRL\*QCQHSTMYTWN\*ASSVNSTAIEW\*SSRRRSSN\*I\*QFLKQC\*NHNSTAQHPCSN\*LYKTQQQYKKKNFFKSREGILYNRRNNRRYKTSTL\*P\*\*GSME\*HFKKSG\*KITRAI\*E\*DNSL\*QLLRRGPRNCNAQL\*LWRGIFLL\*YNITV\*\*YLE\*YWEA\*\*Y\*RVK\*HHYTPMQNKTSYKLVAGSRKSNVCSSHQRTN\*VFIKYYRTDINKRWW\*Q\*RERKRDLQTWRRRYEG\*LEK\*II\*IQSSKN\*TIRSSTHQGKEKSGAERKKSSWTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATTSVATHSLGHQTAPGKSPGCGEIPKGSTAPGTLGLLWKTHLHHCCALEC\*LE\*\*HKSESDLG\*HDLDAVGKRN\*ELHTNNIHLN\*KIAKPTGTE\*TRLIGIGSLGKLVELV\*HNKMAVVYKNIHNDSRWLNRFKNNFCCAFYSK\*G\*EGIFTTIVSDPPPRPEGTRQARRNRRRRWRERQRQIQTI

>B.2007.JF320579.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKKCCFHCQKCFITKGLGISYGRKKWRQRRRPPQDSKTHQVSLPKQ\*VVHVMQLLGVLAIVALVVAAILAIVVWSIVIIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSACLERGHLAPWDIDDL\*C\*RTVVGHSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNDIGKCDRKI\*HVEK\*HGRTDAGRYNQFMGSKLKTMCKINPTLCYFKLY\*CGGEE\*\*H\*WEC\*RRNEKLLFQYRHKHKG\*I\*ERICTFL\*N\*YKTNRC\*K\*WD\*CHLYQLYIDKL\*HLSNYTGLSKSNL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWERRL\*QCQHSTMYTWN\*ASSVNSTAIEW\*SSRRRSSN\*I\*QFLKQC\*NHNSTAQHPCSN\*LYKTQQQYKKKNFFKSREGILYNRRNNRRYKTSTL\*P\*\*DSME\*HFKRGGCQITRAI\*E\*DNSL\*QLLRRGPRNCNAQL\*LWRGIFLL\*YNITV\*\*YLE\*YWEA\*\*Y\*RVK\*HHYTPMQNKTSYKLVAGSRKSNVCSSHQRTN\*VFIKYYRTDINKRWW\*Q\*RERKRDLQTWRRRYEG\*LEK\*II\*IQSSKN\*TIRTSTHQGKEKSGAERKKSNWTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGTLGLLWKTHLHHCCALEC\*LE\*\*HKSESDLG\*HDLDAVGKRN\*ELHTNNIHLN\*KIAKPTGTE\*TRLIGIGSLGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNNFCCAFYSK\*G\*EGIFTTIVSDPPPRPEGTRQARRNRRRRWRERQRQIQTI

>B.2007.JF320580.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKKCCFHCQKCFITKGLGISYGRKKWRQRRRPPQDSKTHQVSLPKQ\*VVHVMQLLVVLALVALVVAAILAIVVWSIVIIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSACLERGHLAPWDIDDL\*C\*RTVVGHSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNDIGKCDRKI\*HVEK\*HGRTDAGRYHQFMGSKLKTMCKINPTLCYFKLY\*CGGEE\*\*H\*WDKY\*RRNEKLLFQYRHKHKG\*I\*ERICTFL\*N\*YKTNRC\*K\*WD\*CHLYQLYIDKL\*HLSNYTGLSKSNL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKRRL\*QCQHSTMYTWN\*ASSVNSAAIEW\*SSRRRSSN\*I\*QFLKQC\*NHNSTAQHPCSN\*LYKTQQQYKKKNFFKSREGILYNRRNNRRYKTSTL\*P\*\*DSME\*HFKRGGCQITRAI\*E\*DNSL\*QLLRRGPRNCMHSFNCGGEFFYCNTTSLFNSTWNSTERLNDTEGSNDTITLQCRIKQVINLWQEVGKAMYAPPIKGPIRCSSNITGLILTRDGGNSNESESETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGLGAMFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGLWGCSGKLICTTAVPWNASWSNNTNLSQIWDNMTWMQWEKEIENYTQTIYTLIEKSQNQQEQNEQDLLALDHWASLWNWFDITKWLWYIKIFIMIVGGLIGLRIIFAVLSIVNRVRKGYSPLSFQTHHPGPRGPDRPDGIEEEGGERDRDRSRQL

>B.2007.JF320581.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKKCCFHCQKCFITKGLGISYGRKKWRQRRRPPQDSKTHQVSLPKQ\*VVHVMQLLVVLAIVALVVAAILAIVVWSIVIIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSACLERGHLAPWDIDDL\*C\*RTVVGHSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPRPTRNDIGKCDRKI\*HVEK\*HGRTDAGRYNQFMGSKFKTMCKINPTLCYFKLY\*CGGEE\*\*H\*WDKC\*RRNEKLLFQYRHKHKG\*I\*ERICTFL\*N\*YKTNRC\*K\*WD\*CHLYQLYIDKL\*HLSNYTGLSKSNL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKRRL\*QCQHSTMYTWN\*ASSVNSTAIEW\*SSRRRSSN\*I\*QFLKQC\*NHNSTAQHPCSN\*LYKTQQQYKKKNFFKSREGILYNRRNNRRYKTSTL\*P\*\*DSME\*HFKKSG\*KITRAI\*E\*NNSL\*QLLRRGPRNCNAQL\*LWRGIFLL\*YNITV\*\*YLE\*Y\*EA\*\*Y\*RVK\*HHYTPMQNKTSYKLVAGSRKSNVCSSHQRTN\*VFIKYYRTDINKRWW\*Q\*RERKRDLQTWRRRYEG\*LEK\*II\*IQSSKN\*TIRSSTHQGKEKSGAERKKSSWTRSYVPWVLGGSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGTLGLLWKTHLHHCCALEC\*LE\*\*HKSESDLG\*HDLDAVGKRN\*ELHTNNIHLN\*KIAKPTGTE\*TRLIVIRSMGKFVELV\*HNKMAVVYKNIHNDSRWLDRFKNNFCCTFYSK\*G\*EGILTTIVSDPPPRPEGTRQARRNRRRRWRERQRQIQTI

>B.2007.JF320583.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKKCCFHCQKCFITKGLGISYGRKKWRQRRRPPQDSKTHQVSLPKQ\*VVHVMQLLVVLAIVALVVAAILTIVVWSIVIIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSACLERGHLAPWDIDDL\*C\*RTVVGHSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPRPTRNDIGKCDRKI\*HVEK\*HGRTDAGRYNQFMGSKFKTMCKINPTLCYFKLY\*CGGEE\*\*H\*WDKC\*RRNEKLLFQYRHKHKG\*I\*ERICTFL\*N\*YKTNRC\*K\*WD\*CHLYQLYIDKL\*HLSNYTGLSKSNL\*TNSHTLLCPGWFCDSKV\*\*\*DI\*WKRRL\*QCQHSTMYTWN\*ASSVNSTAIEW\*SSRRRSSN\*I\*QFLKQC\*NHNSTAQHPCSN\*LYKTQQQYKKKNFFKSREGILYNRRNNRRYKTSTL\*P\*\*DSME\*HFKKSG\*KITRAI\*E\*NNSL\*QLLRRGPRNCNAQL\*LWRGIFLL\*YNITV\*\*YLE\*Y\*EA\*\*Y\*RVK\*HHYTPMQNKTSYKLVAGSRKSNVCSSHQRTN\*VFIKYYRTDINKRWW\*Q\*RERKRDLQTWRRRYEG\*LEK\*II\*IQSSKN\*TIRSSTHQGKEKSGAERKKSSWTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQTAPGKSPGCGEIPKGSTAPGTLGLLWKTHLHHCCALEC\*LE\*\*HKSESDLG\*HDLDAVGKRN\*ELHTNNIHLN\*KIAKPTGTE\*TRLIGIGSLGKLVELV\*HNKMAVVYKNIHNDSRWLDRFKNNFCCAFYS\*\*G\*EGIFTTIVSDPPPRPEGTRQARRNRRRRWRERQRQIQTI

>B.2007.JF320584.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKKCCFHCQKCFITKGLGISYGRKKWRQRRRPPQDSKTHQVSLPKQ\*VVHVMQLLVVLAIVALVVAAILAIVVWSIVIIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSACLERGHLAPWDIDDL\*C\*RTVVGHSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNDIGKCDRKI\*HVEK\*HGRTDAGRYNQFMGSKLKTMCKINPTLCYFKLY\*CGGEE\*\*H\*WEC\*RRNEKLLFQYRHKHKG\*I\*ERICTFL\*N\*YKTNRC\*K\*WD\*CHLYQLYIDKL\*HLSNYTGLSKSNL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKRRL\*QCQHSTMYTWN\*ASSVNSTAIEW\*SSRRRSSD\*I\*QFLKQC\*NHNSTAQHPCSN\*LYKTQQQYKKKNFFKSREGILYNRRNNRRYKTSTL\*P\*\*DSME\*HFKKSG\*KITRAI\*E\*NNSL\*QLLRRGPRNCNAQL\*LWRGIFLL\*YNITV\*\*YLE\*YWEA\*\*Y\*RVK\*HHYTPMQNKTSYKLVAGSRKSNVCSSHQRTN\*VFIKYYRTDINKRWW\*Q\*RERKRDLQTWRRRYEG\*LEK\*II\*IQSSKN\*TIRSSTHQGEEKSGAERKKSNWTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGTLGLLWKTHLHHCCALEC\*LE\*\*HKSESDLG\*HDLDAVGKRN\*ELHTNNIHLN\*KIAKPTGTE\*TRLIVIRSMGKFVELV\*HNKMAVVYKNIHNDSRWLDRLKNNFCCTFYSK\*G\*EGILTTIVSDPPPRPEGTRQARRNRRRRWRERQRQIQTI

>B.2007.JF320585.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKKCCFHCQKCFITKGLGISYGRKKWRQRRRPPQDSKTHQVSLPKQ\*VVHVMQLLGVLAIVALVVAAILAIVVWSIVIIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSACLERGHLAPWDIDDL\*C\*RTVVGHSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNDIGKCDRKI\*HVEK\*HGRTDAGRYNQFMGSKLKTMCKINPTLCYFKLY\*CGGEE\*\*H\*WEC\*QRNEKLLFQYRHKHKG\*I\*ERICTFL\*N\*YKTNRC\*K\*WD\*CHLYQLYIDKL\*HLSNYTGLSKSNL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWERRL\*QCQHSTMYTWN\*ASSVNSTAIEW\*SSRRRSSN\*I\*QFLKQC\*NHNSTAQHPCSN\*LYKTQQQYKKKNFFKSREGILYNRRNNRRYKTSTL\*P\*\*DSME\*HFKRGGCQITRAI\*E\*DNSL\*QLLRRGPRNCNAQL\*LWRGIFLL\*YNITV\*\*YLE\*YWEA\*\*Y\*RVK\*HHYTPMQNKTSYKLVAGSRKSNVCSSHQRTN\*VFIKYYRTDINKRWW\*Q\*RERKRDLQTWRRRYEG\*LEK\*II\*IQSSKN\*TIRTSTHQGKEKSGAERKKSNWTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGTLGLLWKTHLHHCCALEC\*LE\*\*HKSESDLG\*HDLDAVGKRN\*ELHTNNIHLN\*KIAKPTGTE\*TRLIGIGSLGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNNFCCAFYSK\*G\*EGIFTTIVSDPPPRPEGTRQARRNRRRRWRERQRQIQTI

>B.2007.JF320586.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKKCCFHCQKCFITKGLGISYGRKKWRQRRRPPQDSKTHQVSLPKQ\*VVHVMQLLGVLAIVALVVAAILAIVVWSIVIIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSACLERGHLAPWDIDDL\*C\*RTVVGHSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNDIGKCDRKI\*HVEK\*HGRTDAGRYNQFMGSKLKTMCKINPTLCYFKLY\*CGGEE\*\*H\*WEC\*RRNEKLLFQYRHKHKG\*I\*ERICTFL\*N\*YKTNRC\*K\*WD\*CHLYQLYIDKL\*HLSNYTGLSKSNL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWERRL\*QCQHSTMYTWN\*ASSVNSTAIEW\*SSRRRSSN\*I\*QFLKQC\*NHNSTAQHPCSN\*LYKTQQQYKKKNFFKSREGILYNRRNNRRYKTSTL\*P\*\*DSME\*HFKRGGCQITRAI\*E\*DNSL\*QLLRRGPRNCNAQL\*LWRGIFLL\*YNITV\*\*YLE\*YWEA\*\*Y\*RVK\*HHYTPMQNKTSYKLVAGSRKSNVCSSHQRTN\*VFIKYYRTDINKRWW\*Q\*RERKRDLQTWRRRYEG\*LEK\*II\*IQSSKN\*TIRTSTHQGKEKSGAERKKSNWTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGTLGLLWKTHLHHCCALEC\*LE\*\*HKSESDLG\*HDLDAVGKRN\*ELHTNNIHLN\*KIAKPTGTE\*TRLIGIGSLGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNNFCCAFYSK\*G\*EGIFTTIVSDPPPRPEGTRQARRNRRRRWRERQRQIQTI

>B.2007.JF320587.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKKCCFHCQKCFITKGLGISYGRKKWRQRRRPPQDSKTHQVSLPKQ\*VVHVMQLLGVLAIVALVVAAILAIVVWSIVIIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSACLERGHLAPWDIDDL\*C\*RTVVGHSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNDIGKCDRKI\*HVEK\*HGRTDAGRYNQFMGSKLKTMCKINPTLCYFKLY\*CGGEE\*\*H\*WEC\*RRNEKLLFQYRHKHKG\*I\*ERICTFL\*N\*YKTNRC\*K\*WD\*CHLYQLYIDKL\*HLSNYTGLSKSNL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWERRL\*QCQHSTMYTWN\*ASSVNSTAIEW\*SSRRRSSN\*I\*QFLKQC\*NHNSTAQHPCSN\*LYKTQQQYKKKNFFKSREGILYNRRNNRRYKTSTL\*P\*\*DSME\*HFKRGGCQITRAI\*E\*DNSL\*QLLRRGPRNCNAQL\*LWRGIFLL\*YNITV\*\*YLE\*YWEA\*\*Y\*RVK\*HHYTPMQNKTSYKLVAGSRKSNVCSSHQRTN\*VFIKYYRTDINKRWW\*Q\*RERKRDLQTWRRRYEG\*LEK\*II\*IQSSKN\*TIRTSTHQGKEKSGAERKKSNWTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGTLGLLWKTHLHHCCALEC\*LE\*\*HKSESDLG\*HDLDAVGKRN\*ELHTNNIHLN\*KIAKPTGTE\*TRLIGIGSLGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNNFCCAFYSK\*G\*EGIFTTIVSDPPPRPEGTRQARRNRRRRWRERQRQIQTI

>B.2007.JF320588.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKKCCFHCQKCFITKGLGISYGRKKWRQRRRPPQDSKTHQVSLPKQ\*VVHVMQLLGVLAIVALVVAAILAIVVWSIVIIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSACLERGHLAPWDIDDL\*C\*RTVVGHSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNDIGKCDRKI\*HVEK\*HGRTDAGRYNQFMGSKLKTMCKINPTLCYFKLY\*CGGEE\*\*H\*WEC\*RRNEKLLFQYRHKHKG\*I\*ERICTFL\*N\*YKTNRC\*K\*WD\*CHLYQLYIDKL\*HLSNYTGLSKSNL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWERRL\*QCQHSTMYTWN\*ASSVNSTAIEW\*SSRRRSSN\*I\*QFLKQC\*NHNSTAQHPCSN\*LYKTQQQYKKKNFFKSREGILYNRRNNRRYKTSTL\*P\*\*DSME\*HFKRGGCQITRAI\*E\*DNSL\*QLLRRGPRNCNAQL\*LWRGIFLL\*YNITV\*\*YLE\*YWEA\*\*Y\*RVK\*HHYTPMQNKTSYKLVAGSRKSNVCSSHQRTN\*VFIKYYRTDINKRWW\*Q\*RERKRDLQTWRRRYEG\*LEK\*II\*IQSSKN\*TIRTSTHQGKEKSGAERKKSNWTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGTLGLLWKTHLHHCCALEC\*LE\*\*HKSESDLG\*HDLDAVGKRN\*ELHTNNIHLN\*KIAKPTGTE\*TRLIGIGSLGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNNFCCAFYSK\*G\*EGIFTTIVSDPPPRPEGTRQARRNRRRRWRERQRQIQTI

>B.2007.JF320589.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKKCCFHCQKCFITKGLGISYGRKKWRQRRRPPQDSKTHQVSLPKQ\*VVHVMQLLGVLAIVALVVAAILAIVVWSIVIIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSACLERGHLAPWDIDDL\*C\*RTVVGHSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNDIGKCDRKI\*HVEK\*HGRTDAGRYNQFMGSKLKTMCKINPTLCYFKLY\*CGGEE\*\*H\*WEC\*RRNEKLLFQYRHKHKG\*T\*ERICTFL\*N\*YKTNRC\*K\*WD\*CHLYQLYIDKL\*HLSNYTGLSKSNL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWERRL\*QCQHSTMYTWN\*ASSVNSTAIEW\*SSRRRSSN\*I\*QFLKQC\*NHNSTAQHPCSN\*LYKTQQQYKKKNFFKSREGILYNRRNNRRYKTSTL\*P\*\*DSME\*HFKRGGCQITRAI\*E\*DNSL\*QLLRRGPRNCNAQL\*LWRGIFLL\*YNITV\*\*YLE\*YWEA\*\*Y\*RVK\*HHYTPMQNKTSYKLVAGSRKSNVCSSHQRTN\*VFIKYYRTDINKRWW\*Q\*RERKRDLQTWRRRYEG\*LEK\*II\*IQSSKN\*TIRTSTHQGKEKSGAERKKSNWTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQTAPGKSPGCGEIPKGSTAPGTLGLLWKTHLHHCCALEC\*LE\*\*HKSESDLG\*HDLDAVGKRN\*ELHTNNIHLN\*KIAKPTGTE\*TRLIGIGSLGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNNFCCAFYSK\*G\*EGIFTTIVSDPPPRPEGTRQARRNRRRRWRERQRQIQTI

>B.2007.JF320590.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKKCCFHCQKCFITKGLGISYGRKKWRQRRRPPQDSKTHQVSLPKQ\*VVHVMQLLGVLAIVALVVAAILAIVVWSIVIIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSACLERGHLAPWDIDDL\*C\*RTVVGHSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNDIGKCDRKI\*HVEK\*HGRTDAGRYNQFMGSKLKTMCKINPTLCYFKLY\*CGGEE\*\*H\*WEC\*RRNEKLLFQYRHKHKG\*I\*ERICTFL\*N\*YKTNRC\*K\*WD\*CHLYQLYIDKL\*HLSNYTGLSKSNL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWERRL\*QCQHSTMYTWN\*ASSVNSTAIEW\*SSRRRSSN\*I\*QFLKQC\*NHNSTAQHPCSN\*LYKTQQQYKKKNFFKSREGILYNRRNNRRYKTSTL\*P\*\*DSME\*HFKRGGCQITRAI\*E\*DNSL\*QLLRRGPRNCNAQL\*LWRGIFLL\*YNITV\*\*YLE\*YWEA\*\*Y\*RVK\*HHYTPMQNKTSYKLVAGSRKSNVCSSHQRTN\*VFIKYYRTDINKRWW\*Q\*RERKRDLQTWRRRYEG\*LEK\*II\*IQSSKN\*TIRTSTHQGKEKSGAERKKSNWTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGTLGLLWKTHLHHCCALEC\*LE\*\*HKSESDLG\*HDLDAVGKRN\*ELHTNNIHLN\*KIAKPTGTE\*TRLIGIGSLGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNNFCCAFYSK\*G\*EGIFTTIVSDPPPRPEGTRQARRNRRRRWRERQRQIQTI

>B.2006.JF320592.-

MEPVDPRLEPWQHPGSQPKTACTKCYCKRCCFHCQWCFITKGLGIFYGRKKRRQRRRPPQDHQNNQVSLSKQ\*VVHVMQALQIITIVALVVVAIIAIVVWPIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*C\*TIVGHSLLWSACVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKAMCKINSTLCYFKLH\*YEYY\*FE\*YYYRRY\*\*\*YENGGRRNEKLLLQYYHKHNR\*AAERICTFLCT\*CSKNR\*YKL\*IDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*\*VQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRKRGSN\*I\*KFHERC\*SHNCTSERICRH\*LYKTQ\*QYKKKYTYGMGKSILYNRRNNRKYKASTL\*H\*\*SKME\*NFRKDS\*KIKRAIAS\*E\*NNSL\*SILRRRPRNGNAHF\*LWRGIFLL\*YNKAV\*\*YLG\*WY\*E\*YRVK\*H\*NHNTPMQNKTNYKHVAESRKSNVCPSHQRTN\*LFIKHYRAAINKRWISKE\*DHLDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRGSTLQGKETGGAERKKSSGTRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAESY\*GATASVAAHGLGHQTAPGKSPSCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*IYECNLE\*HDMDGVGERN\*KLHKLNIHLN\*RIAEPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFCCTFCSK\*S\*EGILTIIIPDPPPSSEGTRQARRNRRRRWRARQRQINSI

>B.2006.JF320593.-

MEPVDPRLEPWQHPGSQPKTACTKCYCKRCCFHCQWCFITKGLGIFYGRKKRRQRRRPPQDHQNNQVSLSKQ\*VVHVMQALQIIAIVALVVVAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*C\*TIVGHSLLWSACVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKAMCKINSTLCYFKLH\*YEYY\*FE\*YYYRRY\*\*\*YENGGRRNEKLLLQYYHKHNR\*AAERICTFLCT\*CSKNR\*YKL\*IDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*\*VQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRKRGSN\*I\*KFHERC\*SHNCTSERICRH\*LYKTQ\*QYKKKYTYGMGKSILYNRRNNRKYKASTL\*H\*\*SKME\*NFRKDS\*KIKRAIAS\*E\*NNSL\*SILRRRPRNCNAHF\*LWRGIFLL\*YNKAV\*\*YLG\*WY\*E\*YRVK\*H\*NHNTPMQNKTNYKHVAESRKSNVCPSHQRTN\*LFIKHYRAAINKRWISKE\*DHLDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRGSTLQGKETGGAERKKSSGTRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAESY\*GATASVAAHGLGHQTAPGKSPSCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*IYECNLE\*HDMDGVGERN\*KLHKLNIHLN\*RIAEPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFCCTFCSK\*S\*EGILTIIIPDPPPSSEGTRQARRNRRRRWRARQRQINSI

>B.2006.JF320597.-

MEPVDPRLEPWQHPGSQPKTACTKCYCKRCCFHCQWCFITKGLGIFYGRKKRRQRRRPPQDHQNNQVSLSKQ\*VVHVMQALQIIAIVALVVVAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*C\*TIVGHSLLWSACVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKAMCKINSTLCYFKLH\*YEYY\*FE\*YYYRRY\*\*\*YENGGRRNEKLLLQYYHKHNR\*AAERICTFLCT\*CSKNR\*YKL\*IDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*\*VQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRKRGSN\*I\*KFHERC\*SHNCTSERICRH\*LYKTQ\*QYKKKYTYGMGKSILYNRRNNRKYKASTL\*H\*\*SKME\*NFRKDS\*KIKRAIAS\*E\*NNSL\*SILRRRPRNCNAHF\*LWRGIFLL\*YNKAV\*\*YLG\*WY\*E\*YRVK\*H\*NHNTPMQNKTNYKHVAESRKSNVCPSHQRTN\*LFIKHYRAAINKRWISKE\*DHLDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRGSTLQGKETGGAERKKSSGTRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAESY\*GATASVAAHGLGHQTAPGKSPSCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*IYECNLE\*HDMDGVGERN\*KLHKLNIHLN\*RIAEPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFCCTFCSK\*S\*EGILTIIIPDPPPSSEGTRQARRNRRRRWRARQRQINSI

>B.2006.JF320598.-

MEPVDPRLEPWQHPGSQPKTACTKCYCKRCCFHCQWCFITKGLGIFYGRKKRRQRRRPPQDHQNNQVSLSKQ\*VVHVMQALQIIAIVALVVVAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*C\*TIVGHSLLWSACVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKAMCKINSTLCYFKLH\*YEYY\*FE\*YYYRRY\*\*\*YENGGRRNEKLLLQYYHKHNR\*AAERICTFLCT\*CSKNR\*YKL\*IDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*\*VQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRKRGSN\*I\*KFHERC\*SHNCTSERICRH\*LYKTQ\*QYKKKYTYGMGKSILYNRRNNRKYKASTL\*H\*\*SKME\*NFRKDS\*KIKRAIAS\*E\*NNSL\*SILRRRPRNCNAHF\*LWRGIFLL\*YNKAV\*\*YLG\*WY\*E\*YRVK\*H\*NHNTPMQNKTNYKHVAESRKSNVCPSHQRTN\*LFIKHYRAAINKRWISKE\*DHLDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRGSTLQGKETGGAERKKSSGTRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAESY\*GATASVAAHGLGHQTAPGKSPSCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*IYECNLE\*HDMDGVGERN\*KLHKLNIHLN\*RIAEPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFCCTFCSK\*S\*EGILTIIIPDPPPSSEGTRQARRNRRRRWRARQRQINSI

>B.2006.JF320602.-

MEPVDPRLEPWQHPGSQPKTACTKCYCKRCCFHCQWCFITKGLGIFYGRKKRRQRRRPPQDHQNNQVSLSKQ\*VVHVMQALQIIAIVALVVVAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*C\*TIVGHSLLWSACVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKAMCKINSTLCYFKLH\*YEYY\*FE\*YYYRRY\*\*\*YENGGRRNEKLLLQYYHKHNR\*AAERICTFLCT\*CSKNR\*YKL\*IDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*\*VQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRKRGSN\*I\*KFHERC\*SHNCTSERICRH\*LYKTQ\*QYKKKYTYGMGKSILYNRRNNRKYKASTL\*H\*\*SKME\*NFRKDS\*KIKRAIAS\*E\*NNSL\*SILRRRPRNCNAHF\*LWRGIFLL\*YNKAV\*\*YLG\*WY\*E\*YRVK\*H\*NHNTPMQNKTNYKHVAESRKSNVCPSHQRTN\*LFIKHYRAAINKRWISKE\*DHLDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRGSTLQGKETGGAERKKSSGTRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAESY\*GATASVAAHGLGHQTAPGKSPSCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*IYECNLE\*HDMDEVGERN\*KLHKLNIHLN\*RIAEPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFCCTFCSK\*S\*EGILTIIIPDPPPSSEGTRQARRNRRRRWRARQRQINSI

>B.2006.JF320605.-

MEPVDPRLEPWQHPGSQPKTACTKCYCKRCCFHCQWCFITKGLGIFYGRKKRRQRRRPPQDHQNNQVSLSKQ\*VVHVMQALQIIAIVALVVVAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*C\*TIVGHSLLWSACVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKAMCKINSTLCYFKLH\*YEYY\*FE\*YYYRRY\*\*\*YENGGRRNEKLLLQYYHKHNR\*AAERICTFLCT\*CSKNR\*YKL\*IDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*\*VQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRKRGSN\*I\*KFHERC\*SHNCTSERICRH\*LYKTQ\*QYKKKYTYGMGKSILYNRRNNRKYKASTL\*H\*\*SKME\*NFRKDS\*KIKRAIAS\*E\*NNSL\*SILRRRPRNCNAHF\*LWRGIFLL\*YNKAV\*\*YLG\*WY\*E\*YRVK\*H\*NHNTPMQNKTNYKHVAESRKSNVCPSHQRTN\*LFIKHYRAAINKRWISKE\*DHLDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRGSTLQGKETGGAERKKSSGTRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAESY\*GATASVAAHGLGHQTAPGKSPSCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*IYECNLE\*HDMDGVGERN\*KLHKLNIHLN\*RIAEPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFCCTFCSK\*S\*EGILTIIIPDPPPSSEGTRQARRNRRRRWRARQRQINSI

>B.2006.JF320606.-

MEPVDPRLEPWQHPGSQPKTACTKCYCKRCCFHCQWCFITKGLGIFYGRKKRRQRRRPPQDHQNNQVSLSKQ\*VVHVMQALQIIAIVALVVVAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*C\*TIVGHSLLWSACVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKAMCKINSTLCYFKLH\*YEYY\*FE\*YYYRRY\*\*\*YENGGRRNEKLLLQYYHKHNR\*AAERICTFLCT\*CSKNR\*YKL\*IDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*\*VQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRKRGSN\*I\*KFHERC\*SHNCTSERICRH\*LYKTQ\*QYKKKYTYGMGKSILYNRRNNRKYKASTL\*H\*\*SKME\*NFRKDS\*KIKRAIAS\*E\*NNSL\*SILRRRPRNCNAHF\*LWRGIFLL\*YNKAV\*\*YLG\*WY\*E\*YRVK\*H\*NHNTPMQNKTNYKHVAESRKSNVCPSHQRTN\*LFIKHYRAAINKRWISKE\*DHLDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRGSTLQGKETGGAERKKSSGTRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAESY\*GATASVAAHGLGHQTAPGKSPSCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*IYECNLE\*HDMDGVGERN\*KLHKLNIHLN\*RIAEPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFCCTFCSK\*S\*EGILTIIIPDPPPSSEGTRQARRNRRRRWRARQRQINSI

>B.2006.JF320607.-

MEPVDPRLEPWQHPGSQPKTACTKCYCKRCCFHCQWCFITKGLGIFYGRKKRRQRRRPPQDHQNNQVSLSKQ\*VVHVMQALQIIAIVALVVVAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*C\*TIVGHSLLWSACVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKAMCKINSTLCYFKLH\*YEYY\*FE\*YYYRRY\*\*\*YENGGRRNEKLLLQYYHKHNR\*AAERICTFLCT\*CSKNR\*YKL\*IDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*\*VQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRKRGSN\*I\*KFHERC\*SHNCTSERICRH\*LYKTQ\*QYKKKYTYGMGKSILYNRRNNRKYKASTL\*H\*\*SKME\*NFRKDS\*KIKRAIAS\*E\*NNSL\*SILRRRPRNCNAHF\*LWRGIFLL\*YNKAV\*\*YLG\*WY\*E\*YRVK\*H\*NHNTPMQNKTNYKHVAESRKSNVCPSHQRTN\*LFIKHYRAAINKRWISKE\*DHLDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRGSTLQGKETGGAERKKSSGTRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAESY\*GATASVAAHGLGHQTAPGKSPSCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*IYECNLE\*HDMDGVGERN\*KLHKLNIHLN\*RIAEPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFCCTFCSK\*S\*EGILTIIIPDPPPSSEGTRQARRNRRRRWRARQRQINSI

>B.2006.JF320609.-

MEPVDPRLEPWQHPGSQPKTACTKCYCKRCCFHCQWCFITKGLGIFYGRKKRRQRRRPPQDHQNNQVSLSKQ\*VVHVMQALQIIAIVALVVVAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*C\*TIVGHSLLWSACVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKAMCKINSTLCYFKLH\*YEYY\*FE\*YYYRRY\*\*\*YENGGRRNEKLLLQYYHKHNR\*AAERICTFLCT\*CSKNR\*YKL\*IDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*\*VQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRKRGSN\*I\*KFHERC\*SHNCTSERICRH\*LYKTQ\*QYKKKYTYGMGKSILYNRRNNRKYKASTL\*H\*\*SKME\*NFRKDS\*KIKRAIAS\*E\*NNSL\*SILRRRPRNCNAHF\*LWRGIFLL\*YNKAV\*\*YLG\*WY\*E\*YRVK\*H\*NHNTPMQNKTNYKHVAESRKSNVCPSHQRTN\*LFIKHYRAAINKRWISKE\*DHLDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRGSTLQGKETGGAERKKSSGTRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAESY\*GATASVAAHGLGHQTAPGKSPSCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*IYECNLE\*HDMDGVGERN\*KLHKLNIHLN\*RIAEPTKKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFCCTFCSK\*S\*EGILTIIIPDPPPSSEGTRQARRNRRRRWRARQRQINSI

>B.2006.JF320613.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSQTHQASLSKQ\*VNTCNATLTHSNNSSISSSNNTSNSCVDHSFHRI\*ENIKTKKNR\*VN\*\*DKRKSRRQWQ\*K\*RRPGRIIGTCGHGASCSLGC\*\*SVKQKTCGSQSIMGYLCGKMQTPLYFVHQTLKDIPQRYIMFGPHMPVYPQTPTHKK\*YWQM\*QKILTCGKMTW\*NRCMKI\*LVYGIKA\*SHV\*N\*PHSVLL\*IALIFLRMILILLILLIPLGMILILLIIPPVLVWMQKEGKYKTALLISPQA\*EIRCRKSMHCFIKQM\*CQ\*IIIIEAIG\*\*VVTPQSLHKPVQRYPLSQFPYIIVPRLVLRL\*NVMIRSSMDQEHVQMLAQYNVHMELGQ\*CQLNSC\*MAA\*QRKR\*\*LGLKISQTMLKS\*\*YS\*GNL\*RLIVQDPTTIQEKVYL\*DQGEHSIQQEI\*\*EISDKHIVTLVEKIGMPLYKR\*L\*N\*ENNLKIKQ\*FLITPQEGIQKL\*RTALTVEENFSTVIQQNCLTVLGRITVL\*MLVVMRIPSYSPVK\*DKL\*TCGRK\*EKQCIPLPSED\*LNVHQILQGYY\*QEMGGKITTLRYSDLEEEI\*GTIGEVNYINIK\*\*ELNH\*E\*HPPGQREEWCREKKEQWGWERCSLGSWEQQEALWAQRQ\*R\*RYRPDYYCLV\*CNSRTTC\*ELLRRNSICCNSQSGALSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCPGMLVGVIKLRQRFGIT\*PGWSGKEKLTITQA\*YTH\*LKNRRTSKKRMNKNYWNWISGQVCGIGLT\*QIGCGI\*KYS\*\*\*\*EAW\*V\*E\*FLLYFL\*\*IELGRDTHQYHCRPTPQHRGDPTGQKESKKKVERETETDQFD\*

>B.2006.JF320614.-

MEPVDPRLEPWQHPGSQPKTACTKCYCKRCCFHCQWCFITKGLGIFYGRKKRRQRRRPPQDHQNNQVSLSKQ\*VVHVMQALQIIAIVALVVVAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*C\*TIVGHSLLWSACVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKAMCKINSTLCYFKLH\*YEYY\*FE\*YYYRRY\*\*\*YENGGRRNEKLLLQYYHKHNR\*AAERICTFLCT\*CSKNR\*YKL\*IDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*\*VQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRKRGSN\*I\*KFHERC\*SHNCTSERICRH\*LYKTQ\*QYKKKYTYGMGKSILYNRRNNRKYKASTL\*H\*\*SKME\*NFRKDS\*KIKRAIAS\*E\*NNSL\*SILRRRPRNCNAHF\*LWRGIFLL\*YNKAV\*\*YLG\*WY\*E\*YRVK\*H\*NHNTPMQNKTNYKHVAESRKSNVCPSHQRTN\*LFIKHYRAAINKRWISKE\*DHLDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRGSTLQGKETGGAERKKSSGTRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAESY\*GATASVAAHGLGHQTAPGKSPSCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*IYECNLE\*HDMDGVGERN\*KLHKLNIHLN\*RIAEPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFCCTFCSK\*S\*EGILTIIIPDPPPSSEGTRQARRNRRRRWRARQRQINSI

>B.2006.JF320615.-

MEPVDPSLEPWKHPGSQPATACNKCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSEAHQDPLSKQ\*VVHVMKPIQIAAIVALVVVAIIAIIVWSIVFIEYRRILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWNIDDL\*CFRKIVGHSLLWGTRVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSITKCYRKL\*HVE\*\*HGRTDA\*GCNQFMGSKSKAMCKINSTLCYFKVY\*FECHQWY\*CHW\*YRGKRHDQLLFQYNHKHGR\*DTRLCIVL\*T\*CSR\*\*YD\*L\*VDKL\*HLSHYAGLSKDIL\*ANSHTLLCPSWFCDSKV\*R\*EVQWSRTMYKCQHSTMYPWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHGQC\*NYNSTAERRCKN\*LYKTQQ\*YKKKYTYRTREGILYNRRYNRRYKTITL\*P\*YSKMECRFKTGS\*QIKRTIWQ\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*YSTAV\*\*HLA\*E\*Y\*QYRY\*RKWKWHNHTPM\*NKTNYKYVAGSRKSNICPSHQRTN\*LYIKYYRAAINKRWW\*\*EQC\*RDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAK\*FAKGY\*CTAESVATHSLGHQAASGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISG\*DLD\*HDLDAVGERN\*QLHKLNIQPN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTNIVADPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2006.JF320616.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSQTHQASLSKQ\*VNTCNATLTHSNNSSISSSNNTSNSCVDHSFHRI\*ENIKTKKNR\*VN\*\*DKRKSRRQWQ\*K\*RRPGRIIGTCGHGASCSLGC\*\*SVKQKTCGSQSIMGYLCGKMQTPLYFVHQTLKDIPQRYIMFGPHMPVYPQTPTHKK\*YWQM\*QKILTCGKMTW\*NRCMKI\*LVYGIKA\*SHV\*N\*PHSVLL\*IALIFLRMILILLILLIPLGMILILLIIPPVLVWMQKEGKYKTALLISPQA\*EIRCRKSMHCFIKQM\*CQ\*IIIIEAIG\*\*VVTPQSLHKPVQRYPLSQFPYIIVPRLVLRL\*NVMIRSSMDQEHVQMLAQYNVHMELGQ\*CQLNSC\*MAA\*QRKR\*\*LGLKISQTMLKS\*\*YSWGNL\*RLIVQDPTTIQEKVYL\*DQGEHSIQQEI\*\*EISDKHIVTLVEKIGMPLYKR\*L\*N\*ENNLKIKQ\*FLITPQEGIQKL\*RTALTVEENFSTVIQQNCLTVLGRITVL\*MLVVMRIPSYSPVK\*DKL\*TCGRK\*EKQCMPLPSED\*LNVHQILQGYY\*QEMGGKITTLRYSDLEEEI\*GTIGEVNYINIK\*\*ELNH\*E\*HPPGQREEWCREKKEQWGWERCSLGSWEQQEALWAQRQ\*R\*RYRPDYYCLV\*CNSRTTC\*ELLRRNSICCNSQSGALSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCPGMLVGVIKLRQRFGIT\*PGWSGKEKLTITQA\*YTH\*LKNRRTSKKRMNKNYWNWISGQVCGIGLT\*QIGCGI\*KYS\*\*\*\*EAW\*V\*E\*FLLYFL\*\*IELGRDTHQYHCRPTPQHRGDPTGQKESKKKVERETETDQFD\*

>B.2006.JF320617.-

MEPVDPSLEPWKHPGSQPATACNKCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSEAHQDPLSKQ\*VVHVMKPIQIAAIVALVVVAIIAIIVWSIVFIEYRRILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWNIDDL\*CFRKIVGHSLLWGTRVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSITKCYRKL\*HVE\*\*HGRTDA\*GCNQFMGSKSKAMCKINSTLCYFKVY\*FECHQWY\*CHW\*YRGKRHDQLLFQYNHKHGR\*DTRLCIVL\*T\*CSR\*\*YD\*L\*VDKL\*HLSHYAGLSKDIL\*ANSHTLLCPSWFCDSKV\*R\*EVQWSRTMYKCQHSTMYPWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHGQC\*NYNSTAERRCKN\*LYKTQQ\*YKKKYTYRTREGILYNRRYNRRYKTITL\*P\*YSKMECRFKTGS\*QIKRTIWQ\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*YSTAV\*\*HLA\*E\*Y\*QYRY\*RKWKWHNHTPM\*NKTNYKYVAGSRKSNICPSHQRTN\*LYIKYYRAAINKRWW\*\*EQC\*RDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAK\*FAKGY\*CTAESVATHSLGHQAASGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISG\*DLD\*HDLDAVGERN\*QLHKLNIQPN\*KIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTNIVADPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2006.JF320619.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSQTHQASLSKQ\*VNTCNATLTHSNNSSISSSNNTSNSCVDHSFHRI\*ENIKTKKNR\*VN\*\*DKRKSRRQWQ\*K\*RRPGRIIGTCGHGASCSLGC\*\*SVKQKTCGSQSIMGYLCGKMQTPLYFVHQTLKDIPQRYIMFGPHMPVYPQTPTHKK\*YWQM\*QKILTCGKMTW\*NRCMKI\*LVYGIKA\*SHV\*N\*PHSVLL\*IALIFLRMILILLILLIPLGMILILLIIPPVLVWMQKEGKYKTALLISPQA\*EIRCRKSMHCFIKQM\*CQ\*IIIIEAIG\*\*VVTPQSLHKPVQRYPLSQFPYIIVPRLVLRL\*NVMIRSSMDQEHVQMLAQYNVHMELGQ\*CQLNSC\*MAA\*QRKR\*\*LGLKISQTMLKS\*\*YS\*GNL\*RLIVQDPTTIQEKVYL\*DQGEHSIQQEI\*\*EISDKHIVTLVEKIGMPLYKR\*L\*N\*ENNLKIKQ\*FLITPQEGIQKL\*RTALTVEENFSTVIQQNCLTVLGRITVL\*MLVVMRIPSYSPVK\*DKL\*TCGRK\*EKQCIPLPSED\*LNVHQILQGYY\*QEMGGKITTLRYSDLEEEI\*GTIGEVNYINIK\*\*ELNH\*E\*HPPGQREEWCREKKEQWGWERCSLGSWEQQEALWAQRQ\*R\*RYRPDYYCLV\*CNSRTTC\*ELLRRNSICCNSQSGALSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCPGMLVGVIKLRQRFGIT\*PGWSGKEKLTITQA\*YTH\*LKNRRTSKKRMNKNYWNWISGQVCGIGLT\*QIGCGI\*KYS\*\*\*\*EAW\*V\*E\*FLLYFL\*\*IELGRDTHQYHCRPTPQHRGDPTGQKESKKKVERETETDQFD\*

>B.2006.JF320620.-

MEPVDPSLEPWKHPGSQPATACNKCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSEAHQDPLSKQ\*VVHVMKPIQIAAIVALVVVAIIAIIVWSIVFIEYRRILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWNIDDL\*CFRKIVGHSLLWGTRVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSITKCYRKL\*HVE\*\*HGRTDA\*GCNQFMGSKSKAMCKINSTLCYFKVY\*FECHQWY\*CHW\*YRGKRHDQLLFQYNHKHGR\*DTRLCIVL\*T\*CSR\*\*YD\*L\*VDKL\*HLSHYAGLSKDIL\*ANSHTLLCPSWFCDSKV\*R\*EVQWSRTMYKCQHSTMYPWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHGQC\*NYNSTAERRCKN\*LYKTQQ\*YKKKYTYRTREGILYNRRYNRRYKTITL\*P\*YSKMECRFKTGS\*QIKRTIWQ\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*YSTAV\*\*HLA\*EYRY\*RKWKWHNHTPM\*NKTNYKYVAGSRKSNICPSHQRTN\*LYIKYYRAAINKRWW\*\*EQC\*RDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAK\*FAKGY\*CTAESVATHSLGHQAASGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISG\*DLD\*HDLDAVGERN\*QLHKLNIQPN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTNIVADPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2006.JF320621.-

MEPVDPSLEPWKHPGSQPATACNKCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSEAHQDPLSKQ\*VVHVMKPIQIAAIVALVVVAIIAIIVWSIVFIEYRRILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWNIDDL\*CFRKIVGHSLLWGTRVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSITKCYRKL\*HVE\*\*HGRTDA\*GCNQFMGSKSKAMCKINSTLCYFKVY\*FECHQWY\*CHW\*YRGKRHDQLLFQYNHKHGR\*DTRLCIVL\*T\*CSR\*\*YD\*L\*VDKL\*HLSHYAGLSKDIL\*ANSHTLLCPSWFCDSKV\*R\*EVQWSRTMYKCQHSTMYPWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHGQC\*NYNSTAERRCKN\*LYKTQQ\*YKKKYTYRTREGILYNRRYNRRYKTITL\*P\*YSKMECRFKTGS\*QIKRTIWQ\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*YSTAV\*\*HLA\*E\*Y\*QYRY\*RKWKWHNHTPM\*NKTNYKYVAGSRKSNICPSHQRTN\*LYIKYYRAAINKRWW\*\*EQC\*RDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAK\*FAKGY\*CTAESVATHSLGHQAASGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISG\*DLD\*HDLDAVGERN\*QLHKLNIQPN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTNIVADPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2006.JF320622.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSQTHQASLSKQ\*VNTCNATLTHSNNSSISSSNNTSNSCVDHSFHRI\*ENIKTKKNR\*VN\*\*DKRKSRRQWQ\*K\*RRPGRIIGTCGHGASCSLGC\*\*SVKQKTCGSQSIMGYLCGKMQTPLYFVHQTLKDIPQRYIMFGPHMPVYPQTPTHKK\*YWQM\*QKILTCGKMTW\*NRCMKI\*LVYGIKA\*SHV\*N\*PHSVLL\*IALIFLRMILILLILLIPLGMILILLIIPPVLVWMQKEGKYKTALLISPQA\*EIRCRKSMHCFIKQM\*CQ\*IIIIEAIG\*\*VVTPQSLHKPVQRYPLSQFPYIIVPRLVLRL\*NVMIRSSMDQEHVQMLAQYNVHMELGQ\*CQLNSC\*MAA\*QRKR\*\*LGLKISQTMLKS\*\*YSWGNL\*RLIVQDPTTIQEKVYL\*DQGEHSIQQEI\*\*EISDKHIVTLVEKIGMPLYKR\*L\*N\*ENNLKIKQ\*FLITPQEGIQKL\*RTALTVEENFSTVIQQNCLTVLGRITVL\*MLVVMRIPSYSPVK\*DKL\*TCGRK\*EKQCMPLPSED\*LNVHQILQGYY\*QEMGGKITTLRYSDLEEEI\*GTIGEVNYINIK\*\*ELNH\*E\*HPPGQREEWCREKKEQWGWERCSLGSWEQQEALWAQRQ\*R\*RYRPDYYCLV\*CNSRTTC\*ELLRHNSICCNSQSGALSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCPGMLVGVIKLRQRFGIT\*PGWSGKEKLTITQA\*YTH\*LKNRRTSKKRMNKNYWNWISGQVCGIGLT\*QIGCGI\*KYS\*\*\*\*EAW\*V\*E\*FLLYFL\*\*IELGRDTHQYHCRPTPQHRGDPTGQKESKKKVERETETDQFD\*

>B.2006.JF320624.-

MEPVDPSLEPWKHPGSQPATACNKCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSEAHQDPLSKQ\*VVHVMKPIQIAAIVALVVVAIIAIIVWSIVFIEYRRILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWNIDDL\*CFRKIVGHSLLWGTRVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSITKCYRKL\*HVE\*\*HGRTDA\*GCNQFMGSKSKAMCKINSTLCYFKVY\*FECHQWY\*CHW\*YRGKRHDQLLFQYNHKHGR\*DTRLCIVL\*T\*CSR\*\*YD\*L\*VDKL\*HLSHYAGLSKDIL\*ANSHTLLCPSWFCDSKV\*R\*EVQWSRTMYKCQHSTMYPWN\*ASGINSNAVKWQSSRRRGSN\*I\*KFHGQC\*NYNSTAERRCKN\*LYKTQQ\*YKKKYTYRTREGILYNRRYNRRYKTITL\*P\*YSKMECRFKTGS\*QIKRTIWQ\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*YSTAV\*\*HLA\*E\*Y\*QYRY\*RKWKWHNHTPM\*NKTNYKYVAGSRKSNICPSHQRTN\*LYIKYYRAAINKRWW\*\*EQC\*RDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKGKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAK\*FAKGY\*CTAESVATHSLGHQAASGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISG\*DLD\*HDLDAVGERN\*QLHKLNIQPN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTNIVADPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2006.JF320626.-

MEPVDPSLEPWKHPGSQPATACNKCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSEAHQDPLSKQ\*VVHVMKPIQIAAIVALVVVAIIAIIVWSIVFIEYRRILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWNIDDL\*CFRKIVGHSLLWGTRVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSITKCYRKL\*HVE\*\*HGRTDA\*GCNQFMGSKSKAMCKINSTLCYFKVY\*FECHQWY\*CHW\*YRGKRHDQLLFQYNHKHGR\*DTRLCIVL\*T\*CSR\*\*YD\*L\*VDKL\*HLSHYAGLSKDIL\*ANSHTLLCPSWFCDSKV\*R\*EVQWSRTMYKCQHSTMYPWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHGQC\*NYNSTAERRCKN\*LYKTQQ\*YKKKYTYRTREGILYNRRYNRRYKTITL\*P\*YSKMECRFKTGS\*QIKRTIWQ\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*YSTAV\*\*HLA\*E\*Y\*QYRY\*RKWKWHNHTPM\*NKTNYKYVAGSRKSNICPSHQRTN\*LYIKYYRAAINKRWW\*\*EQC\*RDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAK\*FAKGY\*CTAESVATHSLGHQAASGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISG\*DLD\*HDLDAVGERN\*QLHKLNIQPN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTNIVADPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2006.JF320627.-

MEPVDPSLEPWKHPGSQPATACNKCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSEAHQDPLSKQ\*VVHVMKPIQIAAIVALVVVAIIAIIVWSIVFIEYRRILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLAPWNIDDL\*CFRKIVGHSLLWGTRVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSITKCYRKL\*HVE\*\*HGRTDA\*GCNQFMGSKSKAMCKINSTLCYFKVY\*FECHQWY\*CHW\*YRGKRHDQLLFQYNHKHGR\*DTRLCIVL\*T\*CSR\*\*YD\*L\*VDKL\*HLSHYAGLSKDIL\*ANSHTLLCPSWFCDSKV\*R\*EVQWSRTMYKCQHSTMYPWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHGQC\*NYNSTAERRCKN\*LYKTQQ\*YKKKYTYRTREGILYNRRYNRRYKTITL\*P\*YSKMECRFKTGS\*QIKRTIWQ\*NNSL\*SILRRGPXNCNAQF\*LWRRIFLL\*YSTAV\*\*HLA\*E\*Y\*QYRY\*RKWKWHNHTPM\*NKTNYKYVAGSRKSNICPSHQRTN\*LYIKYYRAAINKRWW\*\*EQC\*RDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAK\*FAKGY\*CTAESVATHSLGHQAASGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISG\*DLD\*HDLDAVGERN\*QLHKLNIQPN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTNIVADPLPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2006.JF320628.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSQTHQASLSKQ\*VNTCNATLTHSNNSSISSSNNTSNSCVDHSFHRI\*ENIKTKKNR\*VN\*\*DKRKSRRQWQ\*K\*RRPGRIIGTCGHGASCSLGC\*\*SVKQKTCGSQSIMGYLCGKMQTPLYFVHQTLKDIPQRYIMFGPHMPVYPQTPTHKK\*YWQM\*QKILTCGKMTW\*NRCMKI\*LVYGIKA\*SHV\*N\*PHSVLL\*IALIFLRMILILLILLIPLGMILILLIIPPVLVWMQKEGKYKTALLISPQA\*EIRCRKSMHCFIKQM\*CQ\*IIIIEAIG\*\*VVTPQSLHKPVQRYPLSQFPYIIVPRLVLRL\*NVMIRSSMDQEHVQMLAQYNVHMELGQ\*CQLNSC\*MAA\*QRKR\*\*LGLKISQTMLKS\*\*YS\*GNL\*RLIVQDPTTIQEKVYL\*DQGEHSIQQEI\*\*EISDKHIVTLVEKIGMPLYKR\*L\*N\*ENNLKIKQ\*FLITPQEGIQKL\*RTALTVEENFSTVIQQNCLTVLGRITVL\*MLVVMRIPSYSPVK\*DKL\*TCGRK\*EKQCMPLPSED\*LNVHQILQGYY\*QEMGGKITTLRYSDLEEEI\*GTIGEVNYINIK\*\*ELNH\*E\*HPPGQREEWCREKKEQWGWERCSLGSWEQQEALWAQRQ\*R\*RYRPDYYCLV\*CNSRTTC\*ELLRRNSICCNSQSGALSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCPGMLVGVIKLRQRFGIT\*PGWSGKEKLTITQA\*YTH\*LKNRRTSKKRMNKNYWNWISGQVCGIGLT\*QIGCGI\*KYS\*\*\*\*EAW\*V\*E\*FLLYFL\*\*IELGRDTHQYHCRPTPQHRGDPTGQKESKKKVERETETDQFD\*

>B.2006.JF320629.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSQTHQASLSKQ\*VNTCNATLTHSNNSSISSSNNTSNSCVDHSFHRI\*ENIKTKKNR\*VN\*\*DKRKSRRQWQ\*K\*RRPGRIIGTCGHGASCSLGC\*\*SVKQKTCGSQSIMGYLCGKMQTPLYFVHQTLKDIPQRYIMFGPHMPVYPQTPTHKK\*YWQM\*QKILTCGKMTW\*NRCMKI\*LVYGIKA\*SHV\*N\*PHSVLL\*IALIFLRMILILLILLIPLGMILILLIIPPVLVWMQKEGKYKTALLISPQA\*EIRCRKSMHCFIKQM\*CQ\*IIIIEAIG\*\*VVTPQSLHKPVQRYPLSQFPYIIVPRLVLRL\*NVMIRSSMDQEHVQMLAQYNVHMELGQ\*CQLNSC\*MAA\*QRKR\*\*LGLKISQTMLKS\*\*YS\*GNL\*RLIVQDPTTIQEKVYL\*DQGEHSIQQEI\*\*EISDKHIVTLVEKIGMPLYKR\*L\*N\*ENNLKIKQ\*FLITPQEGIQKL\*RTALTVEENFSTVIQQNCLTVLGRITVL\*MLVVMRIPSYSPVK\*DKL\*TCGRK\*EKQCMPLPSED\*LNVHQILQGYY\*QEMGGKITTLRYSDLEEEI\*GTIGEVNYINIK\*\*ELNH\*E\*HPPGQREEWCREKKEQWGWERCSLGSWEQQEALWAQRQ\*R\*RYRPDYYCLV\*CNSRTTC\*ELLRRNSICCNSQSGALSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCPGMLVGVIKLRQRFGIT\*PGWSGKEKLTITQA\*YTH\*LKNRRTSKKRMNKNYWNWISGQVCGIGLT\*QIGCGI\*KYS\*\*\*\*EAW\*V\*E\*FLLYFL\*\*IELGRDTHQYHCRPTPQHRGDPTGQKESKKKVERETETDQFD\*

>B.2007.JF320630.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VVNVMQSLQIAAIVSLVVVAIVAIVVWTIVLIEYRKILRQRKINRLLDRIRERAEDSGNESDGDQEEVSALMEMGHLAPWDVDDL\*CHRAIVGHGLLWGTRMERSNHYSILCIRC\*SL\*YRGT\*CLGYTCLCTHRPQPTRSSIGKCDRKFFHGG\*\*YGRTDA\*GYN\*FMG\*KPKAMCKIDPTLCHFKLH\*\*IKE\*\*\*E\*EYCCFIAYRGRRNKKLLFQYHHNHER\*VSERICTFS\*A\*CNTNR\*\*\*\*\*Y\*\*LYQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*Q\*NVQWNRTMYKCQYSTMYTWN\*ASSINSTAVQWQSSRRRSND\*I\*KFLKQC\*NYNSTAE\*NCRN\*LYKTW\*QYKERHTHRTRERIILYRRNNRRYKTSTLYH\*\*NTME\*HFKTGSYKITPAIWERKNNLSKLLRRGSRNCNAQF\*LWRGIFLL\*LNTTV\*\*YLDIY\*REVK\*NWVK\*N\*SWKHHTPMQNKTIYKYVAGSRKSNVCPSHQRTH\*LYIKYYRVAINKRWW\*\*\*D\*\*ERVRDLQTWRRKYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIDWYSATAKKFAESY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAHGDLGMLWKTHLHHCCALEY\*LE\*EIL\*\*HLE\*Q\*HDLDAVGKRN\*QLHRINIQLT\*RIAKPTRKK\*TRLIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCIFYSE\*S\*AGILTIIITDPPPSPEGTPQARRNRRRRWRRRQKQIHQI

>B.2007.JF320631.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VVNVMQSLQIAAIVSLVVVAIVAIVVWTIVLIEYRKILRQRKINRLLDRIRERAEDSGNESDGDQKEVSALMEMGHLAPWDVDDL\*CHRAIVGHGLLWGTRMERSNHYSILCIRC\*SL\*YRGT\*CLGYTCLCTHRPQPTRSSIGKCDRKFFHGG\*\*YGRTDA\*GYN\*FMG\*KPKAMCKIDPTLCHFKLH\*\*IKE\*\*\*E\*EYYCFIAYRGRRNKKLLFQYHHNHER\*VSERICTFS\*A\*CSTNR\*\*\*\*\*Y\*\*LYQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*Q\*NVQ\*NRTMYKCQYSTMYTWN\*ASSINSTAVQWQSSRRRSND\*I\*KFLKQC\*NYNSTAE\*NCRN\*LYKT\*\*QYKERHTHRTRERIILYRRNNRRYKTSTLYH\*\*NTME\*HFKTGSYKITPAIWERKNNLSKLLRRGSRNCNAQF\*LWRGIFLL\*LNTTV\*\*YLDIY\*REVK\*NWVK\*N\*SWKYHTPMQNKTIYKYVAGSRKSNVCPSHQRTH\*LYIKYYRVAINKR\*W\*\*\*D\*\*ERVRDLQTWRRKYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGTKRKKSSGNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIDWYSATAKKFAESY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAHRDLGMLWKTHLHHCCALEY\*LE\*EIL\*\*HLE\*Q\*HDLDAVGKRN\*QLHRINIQLT\*RIAKPTRKK\*TRLIRIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCIFYSE\*S\*AGILTIIITDPPPSPEGTPQARKNRRRRWRRRQKQIHQI

>B.2007.JF320632.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VVNVMQSLQIAAIVSLVVVAIVAIVVWTIVLIEYRKILRQRKINRLLDRIRERAEDSGNESDGDQEEVSALMEMGHLAPWDVDDL\*CHRAIVGHGLLWGTRMERSNHYSILCIRC\*SL\*YRGT\*CLGYTCLCTHRPQPTRSSIGKCDRKFFHGG\*\*YGRTDA\*GYN\*FMG\*KPEAMCKIDPTLCHFKLH\*\*IKE\*\*\*E\*EYY\*FIAYRGRRNKKLLFQYHHNHER\*VSERICTFS\*A\*CSTNR\*\*\*\*\*Y\*\*LYQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*Q\*NVQWNRTMYKCQYSTMYTWN\*ASSINSTAVQWQSSRRRSND\*I\*KFLKQC\*NYNSTAE\*NCRN\*LYKTW\*QYKERHTHRTRERIILYRRNNRRYKTSTLYH\*\*NTME\*HFKTGSYKITPAIWERKNNLSKLLRRGSRNCNAQF\*LWRGIFLL\*LNTTV\*\*YLDIY\*REVK\*NWVK\*N\*SWKYHTPMQNKTIYKYVAGSRKSNVCPSHQRTH\*LYIKYYRVAINKRWW\*\*\*D\*\*ERVRDLQTWRRKYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIDWYSATAKKFAESY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAHGDLGMLWKTHLHHCCALEY\*LE\*EIL\*\*HLE\*Q\*HDLDAVGKRNWQLHRINIQLT\*RIAKPTRKK\*TRLIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCIFYSE\*S\*AGILTIIITDPPPSPEGTPQARRNRRRRWRRRQKQIHQI

>B.2007.JF320633.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VVNVMQSLQIAAIVSLVVVAIVAIVVWTIVLIEYRKILRQRKINRLLDRIRERAEDSGNESDGDQEEVSALMEMGHLAPWDVDDL\*CHRAIVGHGLLWGTRMERSNHYSILCIRC\*SL\*YRGT\*CLGYTCLCTHRPQPTRSSIGKCDRKFFHGG\*\*YGRTDA\*GYN\*FMG\*KPKAMCKIDPTLCHFKLH\*\*IKE\*\*\*E\*EYY\*FIAYRGRRNKKLLFQYHHNHER\*ISERICTFS\*A\*CSTNR\*\*\*\*\*Y\*\*LYQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*Q\*NVQWNRTMYKCQYSTMYTWN\*ASSINSTAVQWQSSRRRSND\*I\*KFLKQC\*NYNSTAE\*NCRN\*LYKTW\*QYKERHTHRTRERIILYRRNNRRYKTSTLYH\*\*NTME\*HFKTGSYKITPAIWERKNNLSKLLRRGSRNCNAQF\*LWRGIFLL\*LNTTV\*\*YLDIY\*REVK\*NWVK\*N\*SWKYHTPMQNKTIYKYVAGSRKSNVCPSHQRTH\*LYIKYYRVAINKRWW\*\*\*D\*\*ERVRDLQTWRRKYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIDWYSATAKKFAESY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAHRDLGMLWKTHLHHCCALEY\*LE\*EIL\*\*HLE\*Q\*HDLDAVGKRN\*QLHRINIQLT\*RIAKPTRKK\*TRLIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCIFYSE\*S\*AGILTIIITDPPPSPEGTPQARRNRRRRWRRRQKQIHQI

>B.2007.JF320635.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VVNVMQSLQIAAIVSLVVVAIVAIVVWTIVLIEYRKILRQRKINRLLDRIRERAEDSGNESDGDQEEVSALMEMGHLAPWDVDDL\*CHRAIVGHGLLWGTRMERSNHYSILCIRC\*SL\*YRGT\*CLGYTCLCTHRPQPTRSSIGKCDRKFFHGG\*\*YGRTDA\*GYN\*FMG\*KPKAMCKIDPTLCHFKLH\*\*IKE\*\*\*E\*EYYCFIAYRGRRNKKLLFQYHHNHER\*VSERICTFS\*A\*CNTNR\*\*\*\*\*Y\*\*LYQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*Q\*NVQWNRTMYKCQYSTMYTWN\*ASSINSTAVQWQSSRRRSND\*I\*KFLKQC\*NYNSTAE\*NCRN\*LYKTW\*QYKERHTHRTRERIILYRRNNRRYKTSTLYH\*\*NTME\*HFKTGSYKITPAIWERKNNLSKLLRRGSRNCNAQF\*LWRGIFLL\*LNTTV\*\*YLDIY\*REVK\*NWVK\*N\*SWKYHTPMQNKTIYKYVAGSRKSNVCPSHQRTH\*LYIKYYRVAINKRWW\*\*\*D\*\*ERVRDLQTWRRKYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIDWYSATAKKFAESY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAHGDLGMLWKTHLHYCCALEY\*LE\*EIL\*\*HLE\*Q\*HDLDAVGKRN\*QLHRINI\*LT\*RIAKPTRKK\*TRLIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCIFYSE\*S\*AGILTIIITDPPPSPEGTPQARRNRRRRWRRRQKQIHQI

>B.2007.JF320636.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VVNVMQSLQIAAIVSLVVVAIVAIVVWTIVLIEYRKILRQRKINRLLDRIRERAEDSGNESDGDQEEVSALMEMGHLAPWDVDDL\*CHRAIVGHGLLWGTRMERSNHYSILCIRC\*SL\*YRGT\*CLGYTCLCTHRPQPTRSSIGKCDRKFFHGG\*\*YGRTDA\*GYN\*FMG\*KPKAMCKIDPTLCHFKLH\*\*IKE\*\*\*E\*EYY\*FIAYRGRRNKKLLFQYHHNHER\*VSERICTFS\*A\*CSTNR\*\*\*\*\*Y\*\*LYQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*Q\*NVQWNRTMYKCQYSTMYTWN\*ASSINSTAVQWQSSRRRSND\*I\*KFLKQC\*NYNSTAE\*NCRN\*LYKTW\*QYKERHTHRTRERIILYRRNNRRYKTSTLYH\*\*NTME\*HFKTGSYKITPAIWERKNNLSKLLRRGSRNCNAQF\*LWRGIFLL\*LNTTV\*\*YLDIY\*REVK\*NWVK\*N\*SWKYHTPMQNKTIYKYVAGSRKSNVCPSHQRTH\*LYIKYYRVAINKRWW\*\*\*D\*\*ERVRDLQTWRRKYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIDWYSATAKKFAESY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAHGDLGMLWKTHLHHCCALEY\*LE\*EIL\*\*HLE\*Q\*HDLDAVGKRN\*QLHRINIQLT\*RIAKPTRKK\*TRLIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCIFYSE\*S\*AGILTIIITDPPPSPEGTPQARRNRRRRWRRRQKQIHQI

>B.2007.JF320637.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VVNVMQSLQIAAIVSLVVVAIVAIVVWTIVLIEYRKILRQRKINRLLDRIRERAEDSGNESDGDQEEVSALMEMGHLAPWDVNDL\*CHRAIVGHGLLWGTRMERSNHYSILCIRC\*SL\*YRGT\*CLGYTCLCTHRPQPTRSSIGKCDRKFFHGG\*\*YGRTDA\*GYN\*FMG\*KPKAMCKIDPTLCHFKLH\*\*IKE\*\*\*E\*EYYCFIAYRGRRNKKLLFQYHHNHER\*VSERICTFS\*A\*CSTNR\*\*\*\*\*Y\*\*LYQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*Q\*NVQWNRTMYKCQYSTMYTWN\*ASSINSTAVQWQSSRRRSND\*I\*KFLKQC\*NYNSTAE\*NCRN\*LYKTW\*QYKERHTHRTRERIILYRRNNRRYKTSTLYH\*\*NTME\*HFKTGSYKITPAIWERKNNLSKLLRRGSRNCNAQF\*LWRGIFLL\*LNTTV\*\*YLDIY\*REVK\*NWVK\*N\*SWKYHTPMQNKTIYKYVAGSRKSNVCPSHQRTH\*LYIKYYRVAINKRWW\*\*\*D\*\*ERVRDLQTWRRKYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIDWYSATAKKFAESY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAHGDLGMLWKTHLHHCCALEY\*LE\*EIL\*\*HLE\*Q\*HDLDAVGKRN\*QLHRINIQLT\*RIAKPTRKK\*TRLIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCIFYSE\*S\*AGILTIIITDPPPSPEGTPQARRNRRRRWRRRQKQIHQI

>B.2007.JF320638.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VVNVMQSLQIAAIVSLVVVAIVAIVVWTIVLIEYRKILRQRKINRLLDRIRERAEDSGNESDGDQEEVSALMEMGHLAPWDVDDL\*CHRAIVGHGLLWGTRMERSNHYSILCIRC\*SL\*YRGT\*CLGYTCLCTHRPQPTRSSIGKCDRKFFHGG\*\*YGRTDA\*GYN\*FMG\*KPKAMCKIDPTLCHFKLH\*\*IKE\*\*\*E\*EYY\*FIAYRGRRNKKLLFQYHHNHER\*VSERICTFS\*A\*CSTNR\*\*\*\*\*Y\*\*LYQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*Q\*NVQWNRTMYKCQYSTMYTWN\*ASSINSTAVQWQSSRRRSND\*I\*KFLKQC\*NYNSTAE\*NCRN\*LYKTW\*QYKERHTHRTRERIILYRRNNRRYKTSTLYH\*\*NTME\*HFKTGSYKITPAIWERKNNLSKLLRRGSRNCNAQF\*LWRGIFLL\*LNTTV\*\*YLDIY\*REVK\*NWVK\*N\*SWKYHTPMQNKTIYKYVAGSRKSNVCPSHQRTH\*LYIKYYRVAINKRWW\*\*\*D\*\*ERVRDLQTWRRKYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIDWYSATAKKFAESY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAHGDLGMLWKTHLHHCCALEY\*LE\*EIL\*\*HLE\*Q\*HDLDAVGKRN\*QLHRINIQLT\*RIAKPTRKK\*TRLIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCIFYSE\*S\*AGILTIIITDPPPSPEGTPQARRNRRRRWRRRQKQIHQI

>B.2007.JF320642.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VVNVMQSLQIAAIVSLVVVAIVAIVVWTIVLIEYRKILRQRKINRLLDRIRERAEDSGNESDGDQEEVSALMEMGHLAPWDVDDL\*CHRAIVGHGLLWGTRMERSNHYSILCIRC\*SL\*YRGT\*CLGYTCLCTHRPQPTRSSIGKCDRKFFHGG\*\*YGRTDA\*GYN\*FMG\*KPKAMCKIDPTLCHFKLH\*\*IKE\*\*\*E\*EYY\*FIAYRGRRNKKLLFQYHHNHER\*VSERICTFS\*A\*CSTNR\*\*\*\*\*Y\*\*LYQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*Q\*NVQWNRTMYKCQYSTMYTWN\*ASSINSTAVQWQSSRRRSND\*I\*KFLKQC\*NYNSTAE\*NCRN\*LYKTW\*QYKERHTHRTRERIILYRRNNRRYKTSTLYH\*\*NTME\*HFKTGSYKITPAIWERKNNLSKLLRRGSRNCNAQF\*LWRGIFLL\*LNTTV\*\*YLDIY\*REVK\*NWVK\*N\*SWKYHTPMQNKTIYKYVAGSRKSNVCPSHQRTH\*LYIKYYRVAINKRWW\*\*\*D\*\*ERVRDLQTWRRKYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIDWYSATAKKFAESY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAHGDLGMLWKTHLHHCCALEY\*LE\*EIL\*\*HLE\*Q\*HDLDAVGKRN\*QLHRINIQLT\*RIAKPTRKK\*TRLIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCIFYSK\*S\*AGILTIIITDPPPSPEGTPQARRNRRRRWRRRQKQIHQI

>B.2007.JF320643.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VVNVMQSLQIAAIVSLVVVAIVAIVVWTIVLIEYRKILRQRKINRLLDRIRERAEDSGNESDGDQEEVSALMEMGHLAPWDVDDL\*CHRAIVGHGLLWGTRMERSNHYSILCIRC\*SL\*YRGT\*CLGYTCLCTHRPQPTRSSIGKCDRKFFHGG\*\*YGRTDA\*GYN\*FMG\*KPKAMCKIDPTLCHFKLH\*\*IKE\*\*\*E\*EYY\*FIAYRGRRNKKLLFQYHHNHER\*VSERICTFS\*A\*CSTNR\*\*\*\*\*Y\*\*LYQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*Q\*NVQWNRTMYKCQYSTMYTWN\*ASSINSTAVQWQSSRRRSND\*I\*KFLKQC\*NYNSTAE\*NCRN\*LYKTW\*QYKERHTHRTRERIILYRRNNRRYKTSTLYH\*\*NTME\*HFKTGSYKITPAIWERKNNLSKLLRRGSRNCNAQF\*LWRGIFLL\*LNTTV\*\*YLDIY\*REVK\*NWVR\*N\*SWKYHTPMQNKTIYKYVAGSRKSNVCPSHQRTH\*LYIKYYRVAINKRWW\*\*\*D\*\*ERVRDLQTWRRKYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIDWYSATAKKFAESY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAHGDLGMLWKTHLHHCCALEY\*LE\*EIL\*\*HLE\*Q\*HDLDAVGKRN\*QLHRINIQLT\*RIAKPTRKK\*TRFIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCIFYSK\*S\*AGILTIIITDPPPSPEGTPQARRNRRRRWRRRQKQIHQI

>B.2007.JF683736.-

MEPVDPRLEPWKHPGSQPRTPCTPCYCKKCCYHCQRCFLTKGLGISYGRKKRRQRRRTSEGSQTHQASLPKQ\*VVHVMQPLVVLAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIERIRDRAEDSGNESDGDQEELSALVVEMGHDAPWNVNDL\*CCRTNVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYSKLC\*SDNC\*W\*\*H\*\*\*\*\*GYVGERTNEKLLFQYHHKHKR\*DAKSICNF\*\*A\*YSTNR\*\*\*K\*\*YQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLYPGWVCNYKVQ\*\*EVQWNRTMYKCQLSTMYTWN\*ASSINSTTVKWQSSRR\*DSN\*V\*KFLGQC\*NHNSTAEGTCRN\*LYKTQQQYKKKYNYRTRESILCNRRHNRRYKTSTL\*H\*WSKME\*NIKKGSCQIKRTIRE\*NNNL\*SILRRGPRNCNAHF\*LWRGIFLL\*FNCTV\*\*YLE\*YCRVK\*HYRK\*HYRK\*HNHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKYYRDTINKRWW\*\*\*\*HKQV\*V\*DLQTWRRKYEGQLEK\*II\*I\*SSTN\*TIRISTHQGKEKSGAERKKSNRTRSYVPWVLGSSRKHYGRSISNADGTGQTIIVWYSAAAE\*SAESY\*GATAHVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISIRNMEQHDLDAVGKRN\*QLYRHNI\*LN\*KITDPARTE\*TRIIGVG\*MGQFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYFIFYSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRVEKRDRDTSEPL

>B.2007.JF683738.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQNNQNNQVSLPKQ\*VIHVMQPLVIAAIVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELAGLVDMGHLAPWDIDDL\*CFKSLGHSLLWGTCVERSNTHFILCI\*C\*SI\*HRGT\*CLGHTCLCTHRS\*PTRNGIRKCDRKF\*HVEKLYGRTDARGYNQFMG\*KPKAMCKINSTLCYFKLH\*RESY\*YQ\*FHGDGSRRNKKLLFQDHHKHKR\*DKE\*ICTLL\*T\*CNTNR\*\*\*YK\*YKLYFDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWLCDSKV\*G\*EVQWDRTM\*KC\*HSTMYTWNSASGVNSTAVKWQSSRRRGSN\*I\*KLHKQCQNHNSTAERTYKHYLYQTRQQYKKKYTYRTGKGILCNRRHNRKYKTSTL\*P\*\*NKME\*HFKTDSYKIKRKI\*K\*NNSL\*SILRRGPRNYNAQF\*LWRGIFLL\*YYKAV\*\*YLDWE\*NLDWE\*N\*RVK\*\*YYHTPMQNKTNYKQMAGSRKSNVCPSHQRRN\*MYIKYYRATINKRWW\*W\*WDSESDRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*AIRNSTYQGKKKSGAERKKSNRTGSCVHWVLGSSRKHYGRSVGDADGTGQTVIVWYSATAKQFAKSY\*GATASVATHSLGHQTAPGKSPGCGKIPTGSTAPRALGLLWKAHLHHFCTLEC\*LE\*\*ISGGDLG\*HDLDAVGERNWKLHRINIHLTSRIAVPTRKE\*TRIIGIR\*VGKFVELV\*HIKMAVVYKNIHNDSRRFSRFKNNFCCTFYSE\*S\*EGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JF683741.-

MEPVDPRLEPWNHPGSQPRTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRSPQDSKTHQASVSKQ\*VVNVMQSLEILAIVALVLSGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHDAHWDIDDL\*CYRKFVGHSLLWSTCVERCKHHSILCIRC\*SI\*YRGT\*CLGYACVCTHRPQPTRNGIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKPKTMCRANPTLYYFKLH\*LERD\*HECNWS\*\*HNEYR\*GRNKKLLFQYHHKHKR\*GGKELCTFLYT\*YSTNR\*\*\*\*\*\*L\*IDKL\*HLNH\*TGLSKGKL\*ANSHTFLYPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMHTWH\*ASSINSTAVKWQSSRKRGSN\*ISKYLKQC\*NHNSTAE\*ICSN\*LYKTWKQYKEKYIDRTRESILCNRRYNRRYKTSTLYH\*YHKLE\*HFKTDS\*\*IKRN\*TI\*EQNNSL\*SLLRRGPRN\*NAKL\*L\*RGIFLL\*FSGTV\*\*YLGDY\*WYLEGD\*RVS\*Q\*HSHTPMQNKTNYKHVAESRKSNVCPSY\*RKY\*LFIKYYRVTVDKRWW\*\*\*\*\*WDGDFQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGIRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFADGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGALGLLWKTHLHHHCALE\*\*LE\*E\*KSESDLG\*HDLDTVGKRN\*QLHRHNI\*LNCRVATPAGKE\*KRLIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKDSFFCTFYSK\*S\*EGILTIIVPDPPPNPEGTRQARRNRRRRWRARQRQIRDL

>B.2007.JF683742.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKKCCYHCVACFTKKALGISYGRKKRRQRRRTPQGSQSHQDSLPKQ\*VVHVMQPDQLKILAIVALVIAAIIAIIVWSIVYIEYRKILKQKKIDRLIERISERAEDSGNESEGDQEELAALVEMGHHAPWVVDDL\*CYRIMGHSLLWGTCVERCNH\*SILCIRC\*SI\*YRGA\*CLGHTCMCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKPKAMCKINPTMCHFKLHGC\*YY\*NQE\*H\*\*Q\*Y\*\*ERGDKKLLFQYYHKHKR\*DTERICTFL\*I\*YSTNK\*\*\*\*\*\*E\*\*\*Y\*L\*VDKL\*HLSHYTGLSKSNL\*ANSHTLLCPCWFCDSKV\*Q\*DIQWNRTM\*KCQHSTMYTWN\*TSSIHSTAVKWQSSKGDNN\*I\*KFHGQC\*NHNSTSE\*ICSN\*LHKTQQQYKKKYTYRTREGILCNRRNSRRYKTSTL\*H\*WSKME\*DFKTGSYKIKRTIWE\*NNNL\*STLRRGPRNYNAQF\*LWRGIFLL\*YNTTV\*\*YLVC\*WYCMVI\*HNAITILPSRIKLIIIMRQEVEAAMSPPLIRRLRRCSSNTSGLLSTEEGGGNGTNPNDTEIFRPAGGDMRDNWRSELYKYKVVQIEPLGVAPTKAKRRVVQREKRAVGLGAMFLGFLGAAGSTMGAASVMLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGLWGCSGKLICTTAVPWNASWSNKNLSAIWENMTWMEWEREIDNYTSLIYTLIEESQNQQEKNEQELLELDKWASLWNWFSITNWLWYIKIFIMIVGGLIGLRIVFAVLSIVNRVRQGYSPLSFQTRLPTPRGPDRPEEIEEGGGDRDRDRSHRL

>B.2007.JF683743.-

MEPVDPSLEPWKHPGSQPRTACNTCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRTPQGNQSHQVSLPKQ\*VVHVMQPLVIVAIVALVVVVIIAIVVWSIVLIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQDELSTLVERGHYAPWPIDDL\*CWRTIVGHSVLWGTCVERSNHHSILCIR\*\*SI\*CRST\*CVGHTCLCTHRPQPTRSTIGKCDRKV\*YVEK\*HGRTDA\*GYNWFMGTESKTMCKINPTLCHVKLH\*LLWEEYYHQ\*Y\*YL\*\*\*HGRNGGRRNEKLLFQYHHRNKR\*GEERICTFL\*S\*CSTNRS\*\*\*\*\*L\*VDKL\*HLSHDTGLSKDIL\*TNSHTLLCPGWFCDSKM\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASNIHPTAVKWQSSRRRGSS\*I\*KFHKQC\*NYNSTAE\*ICSNKLYKTQQQYKKKYTYGTREILYNRRHNRRYKKSILYP\*\*NTME\*HFKTDSSKIRKTIQQINNSL\*LLLRRGPRSCNSQF\*LWRGVFLL\*YNTIV\*\*YLEWY\*EGKWN\*RN\*NWRQYHTHMQNKTNYKHVAGSRKSNVCPSHRRTN\*LFIKYYRAVTNKRWWC\*\*\*HYRE\*NLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSIWSLVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKDPGCRKIPNGSTAPGNLGLLWETHLHHCSALEY\*LE\*\*IL\*YNLG\*HDLDGVGKRN\*QLYKSNI\*LN\*RLAEPTRQK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNNFYCIFYSEES\*AGIFTTIVSDPPPSSEGTRQARRNRRRRWRERQRQIHSL

>B.2007.JF683746.-

MEPVDPSLEPWKHPGSQPRTACNTCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRTPQGNQSHQVSLPKQ\*VVHVMQPLVIVAIVALVVVVIIAIVVWSIVLIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQDELSTLVERGHYAPWPIDDL\*CWRTIVGHSVLWGTCVERSNHHSILCIR\*\*SI\*CRST\*CVGHTCLCTHRPQPTRSTIGKCNRKV\*YVEK\*HGRTDA\*GYN\*FMGTESKTMCKINSTLCHVKLH\*LLWEEYYHQ\*Y\*YL\*\*\*HGRNGGRWNEKLLFQYHHRNKR\*GEERICTFL\*S\*CSTNRS\*\*\*\*\*L\*VDKL\*HLSHNTGLSKDIL\*TNSHTLLCPGWFCDSKM\*\*\*EVQWNRIM\*KCQHSTMYTWN\*ASNIHPTAVKWQSSRRRGSS\*I\*KFHKQC\*NYNSTAE\*ICSNKLYKTQQQYKKKYTYGTREILYNRRHNRRYKKSILYP\*\*NTME\*HFKTDSSKIRKTIQQINNSL\*LLLRRGPRSCNSQF\*LWRGVFLL\*YNTIV\*\*YLEWY\*EGKWN\*RNWRQYHTHMQNKTNYKHVAGSRKSNVCPSHRRTN\*LFIKYYRAVTNKRWWC\*\*\*HYRE\*NLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSIWSLVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKDPGCRKIPNGSTAPGNLGLLWETHLHHCSALEY\*LE\*QIL\*YNLG\*HDLDGVGKRN\*QLYKSNI\*LN\*RLAEPTRQK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNNFYCIFYSEES\*AGIFTTIVSDPPPSSEGTRQARRNRRRRWRERQRQIHSL

>B.2007.JF683747.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKQCCFHCQVCFTKKGLGISYGRKKRRKRQRAPEHSQTHQASLSKQ\*VNTCNAIFSNTSNSSISSNSNNSNSCVDNSIHRI\*ENIKTKKNRQIN\*QNSRKSRRQWQ\*K\*RRPRRIISTYGNGAS\*SWLCG\*SVVQQESYGSQSIMGYLCGKKQLPLYFVHQMLKDMRQRYIMFGPHMPVYPQTPTHKR\*YWQM\*QKIITCGKITW\*NRCMRI\*SVYGIKV\*SHV\*N\*PHSVLL\*IALS\*KMVLSTIGQKEK\*KIALSISPQAYEIRCRKNMHFFINLISYQ\*MGVRMILSIG\*\*VVIPQSLHRPVQRYPLSQFPYIIVPRLVLRF\*SVTIRHSMERDHVQMSAQYNVHMESGQ\*CQLNYC\*MAV\*QKKR\*\*LDLTISQTMLRS\*\*YS\*MKLYKLIVLGLTTIQEKV\*L\*DQGEHSTQQEK\*\*EI\*DKHIVTLVERHGITH\*NR\*LQN\*EHHLEIKL\*SLNHPLEGTQKL\*HTVLIVEGNSSTVIHHNCLIVLGIVLWG\*IVLWGLIMVLTMTLSSHSHVE\*NKL\*TCGRK\*EKQCMPLPSED\*LDVHQILQG\*Y\*QEMVGVARITARMRLSDLEEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQWG\*ELCSLGSWEQQEALWAQRL\*R\*RYRPDYYCLV\*CNSRTIC\*RLLRRNNICCNSQSGALSSSRQESWL\*KDT\*RINSS\*GFGVALENSFAPLLCLGTLVGVINLMMIFGIT\*PGWSGREKLTITQAQYIPCLKNRRTSRKRMNKNYWH\*ISGQVCGIGLT\*QIGCGI\*KYS\*\*\*\*EAW\*A\*E\*FLLYLL\*\*IELGRDTHHYHFRPASQPRGDPTGPKKSTKKVESKAETDPFD\*

>B.2007.JF683749.-

MDPVDPRLEPWQHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRGQRRRTPQDSQTHQEALSKQ\*VVNVMQSLTILTIVAFVVAAIIAIVVWTIVIIEYRKIRRQRKIDRLINRIQERAEDSGNESDGDQEELSALVDMGHIALWDVNDL\*CCRQIMGHSLLWGTCVERRKHHSILCIRC\*SI\*HRGA\*CLGHTCLCTHRP\*TTRTSNGKCDRKF\*HVEKQHGRTDA\*GYN\*FMGSKPKTMCKTNPTMCYLKLH\*C\*YHH\*Y\*YCY\*GKDGRNKKLLFQCHHNNKK\*DAKRICNFL\*N\*FSINR\*\*\*\*\*D\*\*I\*VDKL\*HLSHYTSLSKDNI\*ANSHTLLCPGWFCNSKV\*\*\*EIQWNRIM\*KC\*HSTMYTWN\*ASSINSATVKRQFSRRRYNN\*I\*KYYKQC\*NHHSTSK\*ICRN\*LYKTQ\*QYKKKYKYRTRKSILDNRRNNRRHKKSTL\*C\*\*NKMGEHFRKDS\*KIERPI\*K\*NNKLQSILRRGPRNCST\*F\*LWRGIFLL\*FNTTV\*QYLEWY\*Y\*QSHGK\*\*\*\*YNHTPMQNKANYKHVAGSRKSNVCPSHPRNN\*LFIKHYRAAINKRWW\*\*Q\*QQYRDLQTWRRGYEGQLEKRII\*I\*SSKN\*TIRGSTHQGKEKSGAERKKSNRNRSFVPRVLGNSRKHYGRSVIDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQATPGKSPGCGKIPEGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IPRGDLGEHDLDAVGQRS\*QLHKHNIQLN\*RIANPTGKE\*TRIIGIRQMGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNNFFCAFYSK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2007.JF683750.-

MEPVDPSLEPWNHPGSQPKTACTPCFCKKCCYHCQVCFITKGLGISYGRKKRRQRRRSPPDSQTHQASLSEQ\*VVHVMLSLQTLAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALMEMGYHAPWVVNDL\*CYRKFVGHSLLWGTCVERSNYHSILCLRC\*IL\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRFQCMEK\*HGSTDA\*GYN\*FMGSKPKTMCKINPTLCYFKLHGLQQY\*GY\*\*\*Y\*W\*Y\*\*\*\*\*LGQDGERRNKKLLFQHHHKHKR\*IAERICTFL\*I\*YSTNR\*YKYQL\*IDKL\*HLNHYTDLPKSIL\*ANSHTFLCSSWFCDSKM\*\*SRIRGKRKL\*QCQHSTMHTWN\*ASSLNSTAIKWQFSRTRHSNQS\*KYLGQC\*NHNSTAERTCRN\*LYKTQQQYKEKYKYRTRESI\*CSRGNSRRYKKSTLQHFQSKLD\*HFKKDS\*KITRKTRI\*KYKYINNSL\*\*TLRRGPRNCNA\*F\*LWRGIFLL\*HNTTV\*\*YLEQYYLE\*Y\*E\*SWRVK\*QYHTPVQNKTNYKHVARSRKSNVCPSH\*GTN\*LLVKYHRAAINKRWW\*QEWE\*\*DRDLQTWRRRYEGQLEK\*II\*IQSSAN\*TNRISTHQGKEKSGAERKKSSGTRSLVPWVLGSSRKHYGRSVDIADGTSQTIIVWYSATAEQPAEGY\*GATAHVATHSLGHQAAPGKSPGCGKIPKGSTAPRALGLLWETHLHHYCALE\*\*LE\*EYISGLYLG\*HDLDAVGKRN\*QLHRRNI\*LN\*TITKPARKE\*TRIIEIGSMGKFVELVFHNKVAVVYKNIYNDNRRLGRFKNSFCCIFYSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRSL

>B.2007.JF683751.-

MEPVDPSLEPWKHPGSQPKTACNKCYCKSCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSQTHQDHLSKQ\*VIYVMQPLVIVAIVGLVVAAILAIIVWSIVFIEYRKIKRQKKIDRLIDRIIDRAEDSGNESEGDQEELSALVEMGHHAPWKVDDL\*CYRQIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRTF\*HVEKQHGRTNA\*GYNQFMGSKSKTMCKINPTMCYFKLH\*LEW\*\*YK\*\*\*\*\*YK\*\*\*HRIRDGERRNKKLLF\*YHHKHKR\*DTKRICTFL\*S\*CSTNR\*\*\*\*QVYVNKL\*HLSHYTSLSKGIL\*ANSHTFLCPSWFCDSKM\*GQEVQWNRTMYKCQHSAMYTWN\*TSSVNSTAVKWQSSRRRDSN\*I\*KSYGQY\*NHNSTAERTCKHYL\*KAQQQYKEKCTYRTRESILCNRRYNRKYKTGTL\*H\*\*SRME\*HSSTGSQKIKRTI\*E\*NNNL\*APLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLDLEWY\*RVK\*H\*RKWHNHTPMQNKTNCKHVAGSRKSNVCPSHQGTN\*MFIKYYRAAINKRWG\*\*HHQRDLQTWRRRYEG\*LEK\*VI\*I\*SSKN\*TIRGSTHQGKEKSGAERKKSGRTRSYVPWVLGSSRKHYGRSVNNADGTGQTVIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGTSPGCGKIPKGSTAPGNLGLLWKTHLPHYCALEY\*LE\*\*KSKSDLG\*HDLDAVGKRN\*QLHKLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPSTEGTRQARRNRRRRWREKQRHIRSI

>B.2007.JF683753.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQMCFIRKGLGIYYGRKKRRQRRRAHQDSQTHQASLPKQ\*VIHVMLPVQILAIVALIVAAILAIVVWTIVFIEYRKIVKQRKIDRIIDRIRERAEDSGNESDGDHEELSALVEMGHNAPWIVNDL\*CFRQIVGHSLLWGTCMERSKHHFILWIRC\*SI\*YRGT\*CLGHSRLCTHRPQPTRNSTEKCDRKF\*HVEKSHGRTDA\*RCSQFMGSKPQTMCKINPTLCHFKLH\*SKE\*Y\*\*QHHV\*H\*\*QHQYSGRNEKLLFQCHRRNKG\*DAERICTFL\*T\*CSTNK\*\*\*\*QL\*VDKL\*HLIHYTGLSKGNL\*ANSHTLLCPSWVCDSKV\*R\*EIQWNRNMYKRQHSTMHTWN\*ASSVNSIAVKWQSSRRRCSN\*ISKYQ\*QC\*NHNSAAERPCTN\*LYKTRQQYKKKHTYRTRESILCNRRHNRKYKTSTL\*H\*\*NTLGKNFRTGS\*KIRRTF\*EQNNSL\*SLLRRGPRNCNAQF\*L\*RGIFLL\*YNKTI\*\*CLD\*WYLEWY\*RVK\*INHHHTPMQNKTSYKPVAGSRKSNVCPSHQGIH\*LFIKYYRTAINKGWW\*\*\*DRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKETSGAERKKSSHTRSYVPWVLGGSRKHYGRSVTDADGTSQTIIVWYSAAAKQFAEGYWGATTSVATHSLGHQAAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHH\*CALEY\*LE\*\*ISRYDLGKHDLDGVGKRDKQLHRLNILLN\*RIANPTRKE\*TRLIGIG\*VEQFVELV\*YIKMPVVYKNIYNGSSRLGRFKNSFCCIFYSE\*M\*EGILTTIVSDPPPKPEGTRQARRNGRRRWRARQRQIKFI

>B.2007.JF683754.-

MEPADPSLEAWQHPGSQHKTPCTPRYCKACCYHCQKCFTEKTLGIFYGRKKRRQRRRTPQDSWTHQEHLPKQQVVDVMQSLQILAIVALVVAAILAIVVWSIVFIEYRRIKRQNKIDRLIDRIAERAEDSGNESEGDQEELSTLVDMGHHAPWVVDDL\*CYRKLVGHSLLWGTCVERSNHHSILCIRC\*ST\*YRGT\*YLGHTCLCTHRPQPTRSTNGQCDRIF\*HVEK\*HGRPDA\*GCNPFMGSKPKTMCEINPTLCHFKLL\*CFGECY\*YQWY\*NQ\*\*\*\*\*\*NEHLLCCCCPNQ\*K\*KKNRTCFFL\*SCCNTKKG\*K\*Y\*YYLCVDKL\*HLINY\*GLPHDNLCSTSSTLLCRGCFCNSNM\*Q\*NFQWKRTMYNCQYSTTYYWN\*ASSVNSIAVKWQSSRRRGNN\*I\*KFHKQC\*NHNSTAE\*ICNN\*LYKTQ\*QYKKRCTYRTRECNLCNRKHNRRHKKCTL\*P\*\*KSME\*HSKTGSYKIKRTIWEK\*NNKI\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTI\*\*YLE\*Y\*LVSGH\*E\*YKYHTRMQNKTNYKPGAGSRKSNVCPSHQRTN\*MFIKYYRVAINKRWG\*QREQWN\*GLQTCRRKYEGQLEK\*IIQI\*SGTN\*TIRSSTHQGTEKSGAKRKKSSGNRSCSPWVLGSSRKHYGGSFNWADGTGQTIIVWYSAAAKQFAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*IL\*\*HLE\*HDLDAVGKRN\*ELHRLNIQFT\*KIADPTRKE\*TRIIGTR\*VGKFVELV\*YIKWPVVYKNIHNDSRRLNRFKNSFCSAFFSE\*S\*AGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRQIQSI

>B.2007.JF683756.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRPPSNSQIHQVPLPKQ\*VVHVMQSLEIIAIIALVVAAILAIVVWSIVLIEYRKIWRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVETGHLEMGHHAPWDVDEL\*CCRQTVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSRIEECDREF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CE\*YQ\*YQCE\*\*\*PDRGGRNKKLHLQYY\*\*HRK\*AAKRICTFLQA\*YNVIR\*\*\*WYLYVKKL\*HLSHYTGLSKGIL\*TNSYTLLYPGWFCDSKV\*\*\*TV\*WIRAMSKCQYSTMYTWN\*ASSVNSTTVKWQSNRRGCSN\*VSKFHKQC\*NHNSTAERNCKN\*LYKTQQQYKKKYTYRTRESI\*DNRSHNRRYKTSTL\*H\*WHRME\*RFKTSS\*KIRRTI\*ECAKHNLSATIPRRGPRNYIAQF\*LWRGIFLL\*YIKAV\*\*YLD\*\*\*\*YLE\*Y\*RVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHQWAN\*VLIKYYRATINKRWWS\*RNQ\*RDRDLQTCRRKYEGQLEK\*II\*I\*SSEN\*AIRSSTHQGKKKSGAERKKSSGNGSFAPWVLGSSRKHYGRSIGDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHYCALEY\*LEQ\*IFQ\*DLE\*HDLGTVGERN\*QLHKHNIFLD\*TIAKPTRKE\*TRIIGIG\*VGQFMVLV\*YNTMAVVYKNIHNDSRRLDRFKNSFCCTFYNKKS\*AGILTIVVPDPPPNLEGTRQARRNRRRRWRERQRQIRYL

>B.2007.JF683764.-

MEPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQGGQTHQDSLSEQ\*VVYVMNSLEIASIVSLVIAAIIVIVVWSIVFIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGP\*CLGHTCLCTHRPQPTRNRNEKCDRRF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYSKLHRFTGK\*WE\*YN\*\*ELEKGGERRNEKFLFPYQHRKGKNTTDTYKLCYF\*CNKYKYKW\*WE\*\*\*L\*LL\*VDKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWVCDSKV\*Q\*DI\*WKRTMYKCQHSAMYTWN\*ASSINSTAVKWQSSK\*CSN\*I\*KSHGQY\*KHNSTAEGSCKNYLHKTQQQYKTKFKSRTRESTLYNRRHNRKYKKSTL\*H\*WHTME\*NFRTDSWKIKRTI\*E\*NNKLYSICRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLVYEWD\*YNYPYRKCHNPKPNKTNYTQEAGSRKSNVCPCPQRTNYMYIKYDRDVINKRWWS\*QWH\*\*H\*DLQTRRRRYEGQLEK\*II\*I\*SSKS\*TIRNSTHQGKEKSGAERKKSSTRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAKQFAESY\*GATTHVATHSLGHQAAPGKTPGCGKIPKGSADPRDLGLLWKAHLHHDCALEC\*LE\*\*ISRGDLEEHDLDGLGKRN\*QLHKLHI\*LT\*KIADPTRKE\*TRIIGIG\*VGKFVELV\*HITMAVVYKTIHNDSRRLDRFKNSFCCAFCSE\*S\*AGILTTVISDPAPTNYEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JF683765.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAPQDSQTNQVSLSKQ\*VVNVMLSLYILGIVALVVAAILAIVVWSIVFIEYRKIVRQRKIDRLIDRIRERAEDSGNESDGDQEELSTLVVEMGYDAPWNVNDM\*C\*RRFVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSKLGKCDREF\*HVEK\*HGRTDA\*GYN\*FMGSKLKAMCEINPTLCYFKLH\*LWCYKLH\*FS\*YH\*YT\*YH\*ITERRNKKLLFQHHHKHER\*DAERICTFL\*I\*CNSNR\*K\*Y\*L\*IDKL\*HLSHYTSLSKDIL\*ANSHTLLCPGWLCDSKV\*\*NEI\*WNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQPSKRRGSN\*IQ\*FHRQC\*NHNSTAE\*NCKN\*LYKAQQQYKKKYNYRTRQSILCNRRHNRRYKTSTL\*Y\*\*YRLE\*SFNICSYKIKRTI\*\*\*NNSL\*SILRRRHRS\*NAQF\*LWRGIFLL\*YNATV\*SYLEWYCNDCLEWYCSDYLEWYCSD\*\*YYGVKYHTPMQDKTNSKHVAGSRKSNVCPSHQRTD\*MFIKYYRPIINKRWWS\*QQQYQRDFQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRGSTHQGKEKSGAERKKSNRTRSCVPWVLGSSRKHYGRSVNNADGTGQAIDVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGFGKIPKGSTAPGDLGLLWKTHLHHCRALEC\*LEQ\*IPG\*HLE\*HDLDAVGKRN\*\*LHTRNIQFDFRIASPTRKE\*ARIIAIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFFCTCYSE\*S\*EGILTIVVPDPPPSSEGTRQARRNRRRRWRERQRQIRNI

>B.2008.JF683769.-

MEPVDPNLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMKKALGISHGRKKRRQRRRAPQGSQTNQVSLSKQ\*VIHVMSSLLVNNPLVVVALAIALVVLSIIAIVVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDEEELAALVEMGHPAPGNINDL\*CCRRFVGHSILWGTCVERCNHHSILCIRC\*SI\*CRAT\*CLGHTCLCTHRPHPTRSSNGKCDRKF\*YVEK\*HGGPNA\*RYN\*FMGSKPKAMCKTNPTLCYFKLH\*SEQE\*Y\*E\*\*\*CYRD\*E\*\*\*CYRDRDEKLFFQCHHKHKR\*VSERICTFI\*A\*YSTNR\*\*\*YQL\*VNKL\*YLSHYTGLSKGKL\*ANSYTLLCPGWFCDYKM\*\*\*KVQWKRTM\*KCQHSTMYTWN\*TSSINSTAVKWQSSRRRGDN\*ICQFLRQC\*KHNSTAEQNCTNSLYKTQQQYKKKYTYRTRKSILCNRRYNRRYKTSTL\*Y\*\*SRMEYRFKTDSYKIIQPI\*\*NNNF\*SLLRRRPRN\*NAHF\*LWRGIFLL\*YNITV\*\*YLE\*NTIA\*\*HLE\*D\*K\*QYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MYIKYYRNVTDKRWG\*\*P\*QY\*QY\*DFQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKSTGNRSYVPWVLGSSRKHYGRSVTDADGTGQAIVVWYSATAKQFAESC\*GATASVATHSLGH\*TAPGKSPSCGKIPKGSTAPRTLGLLWKNHLHHCCALEC\*LE\*\*ISGSDLG\*HDLDKVGKRNR\*LHRINI\*FNSRIAEPARKE\*TRLIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNNFYCTFYSK\*S\*EGILTIVVSDPPPRSEGTRQARRNRRRRWRERQRHIRSL

>B.2008.JF683773.-

MEPVDPRLEPWKHPGSRPKTACNNCYCKMCCYHCQLCFTKKGLGISYGRKKRRQRRRSPQDSQTNQASLSKQ\*VIYVMQSLEILAIVSLVVAAILAIVVWTIVYIEYRKIVRQRKIDRLINRIAERAEDSGNESEGDQEELSALVEMGGHDAPWDVDDL\*YCRRGKSVGHSLLWSTCVERSNHHSILCIKC\*RL\*YRGT\*CLGHTCLCTHRPRPTRNKIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*\*CEGEWYR\*CHY\*GKRRDKKLLFQC\*HKHKR\*DTKRICFFL\*C\*CTTNRG\*\*\*Y\*L\*VDKL\*YLTPYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*QCQHSTMYTWN\*ASSVNSTAVKWQSSRRGNST\*ICQFLGQ\*\*KHNSTAKGRCKHYLYKTQQQYKKRYTYRTRESILCNRRHNRRYKTGTL\*HQ\*KIME\*HSISDS\*KIRKTI\*E\*NNSFY\*ILRRGPRNCNAQFQLWRGIFLL\*YITTV\*\*YLDT\*WYLDI\*CC\*WGFRIQGHYHTPM\*NKTNYKHVAGSRKSNVCPSHQWTN\*MLIKYYRTAINKRWWYKQYQYHRDLQTCRRKYEGQLEK\*II\*I\*SSTS\*TNRNCTHQGKEKSGAERKKSSYTRSCVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAESYSGATASVATHSLGHHPAPANNSGGGKIPPGSSAPRD\*GGLLKNHHLHHCSSE\*\*\*E\*\*YIS\*HHEW\*HDLDAVGKRN\*QLHTNNIHLN\*RIAEPTRKE\*KRIIGIR\*VGKFVELV\*PNTVAVVYKNIHNGNRRLNRFKNSFCCTFHSKES\*AGILTFVISDPLPNPEGTRQARRNRRRRWRRKQRQIHTL

>B.2008.JF683775.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRDPQGHQTHQVSLSKQ\*VVHVMQSLQSLQIVAIVALVVVGIIAIVVWTIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*CCRAIVGHSLLWGTCVERSNHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRSEIGKCNRRI\*HVEK\*HGRTDA\*GRNQFMGSKPKAMCEINPTLCYFKLH\*LQLY\*ELY\*DPSE\*\*SKDGDRRNKKLFFQCHHKHKR\*VSEDICTFL\*I\*YSTNRY\*\*Y\*\*YQLYIDKL\*HLSPYTGLPKSIL\*ANSNTLLCPGWFCDSKM\*\*\*EFHWNGRV\*KC\*HSTMYTWN\*ASNINSTAVKWQSSRTRSGN\*I\*KHHRPFEKHNSTTEGPCKN\*LYKTWQQYKKKYTYRARECIF\*NRRHNRRHKTSTL\*H\*CSRME\*HLNTDSEKIRRTIWEK\*DNSL\*TIFRGGSRNRNAQF\*LWRGIFLL\*YNTTI\*\*\*LDSS\*\*YLVS\*\*YLE\*YYRVK\*HYHTPMQNKTNYKHVAGSRKSNVCPSHQRKY\*LFIKYYRAAPSKRR\*\*IKITRDLQTYRRKHEGQLEK\*IIQI\*SSKN\*AIRSSTYQGKEKSGAKRKKSCGTRSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQPAESY\*GATAYVATHSLGH\*TAPGKSPGCGKIPTGSTAPGALGLLWKTHLHHCCALEY\*LEQ\*KSGKDLE\*HDLDAVGKGN\*\*LHTRNILFN\*KIAEPAGKE\*TRIVGIG\*MGKFVELV\*HNKLAVVYKDIHNDSRRLGRFKNSFCYTFYST\*S\*AGIFTIIVSDPPPSLEGTRQARRNRRRRWRQRQRQIRSI

>B.2008.JF683778.-

MDPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRTPQGSETHQVSLPKQ\*VIDVMQALTIYAIIALVVVAIIAIVVWSIVLIEYRKILRQRRIDRLIKRITERAEDSGNESDGDQEELLVEMGHDAPWDIDDL\*CGRKSVGHSLLWGTCVERCNYHSILCIRC\*SIFYRST\*CLGHTRLCTHRSQSTRISIGKCDRGI\*HGKK\*HGRTDA\*GYN\*FMGSKPKTMCRINPTLCYFKLH\*CECYNNC\*\*CECYNNC\*\*NGKRRNEKLLFQYHHKYER\*DTERICNFL\*T\*YRTTR\*\*Y\*CHI\*VDKL\*HLSHYTGLSKDIL\*ANSYTLLCPGWLCDSKV\*\*\*DIQWTGTM\*QCQHSTVYTWN\*ASSINSTTVKWQSSRRKGSN\*ICKFH\*QC\*NHNSTAERPCTN\*LYKAQQ\*YKEKYTYSTRESILCNRGNNRRYKKSTL\*H\*QNTME\*HSTRRIFLL\*YNTTV\*\*YLDFYWEYHTTG\*WECE\*EYHTPMQNKTNCKHVAESRKSNVCPSNQRTN\*LYIKYYRAAINKRWWCWQ\*DQ\*HRDL\*AWRRRYEGQLEK\*II\*I\*SSKN\*ANRSSTH\*GKEKSGAERKKSSGTRSCALWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATAFVATHSLGHQAAPSKSPGCRKIPKGSTAPRDLGLLWKAHLHHCCALEH\*LEQ\*IL\*GYLE\*HDLDAVGKRN\*\*LHKHNLLLY\*RGTKPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDNRRLNRFKNSLYCTFCSE\*S\*AGILTIIVTDPLPSSEGTRQARRNRRRRWRARQRQIRSI

>B.2008.JF683781.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRPPQGSQTHQVSLPKQ\*VVHVMQPLQILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLINRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRQIVGHSLLWGTCMERSNHHFILCIRC\*RI\*YRGT\*YVGHTCLCTHRPPPTRNSIG\*CDRKF\*HMEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLQQFEYHKW\*WYQ\*\*W\*GGKGGSRRDEKLLFQCHHKHKGY\*EKRICNFL\*P\*CSTNR\*\*KL\*VKKL\*HLSRYTGLSKGIL\*ANSYTLLCPGWFCDSKM\*\*\*DVQWKGTM\*KC\*HSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*I\*QFLR\*C\*NHNSTAKRTCRN\*LYKTQQQYKKKYTYRTRASNLYNKNNRKHKASTL\*H\*WNKME\*DFRTDSCKIKRTI\*KCNNNSF\*SILRRRSRNCNAQL\*LWRGIFLL\*YNTIV\*\*YLAK\*YNY\*TKYHTPMQNKTNYKHVAGSRKSDVCPSHQWTN\*MFIKYYRTAINKRWW\*A\*EQGRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSGDAGSLVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGR\*AAPGKSPGCRKIPKGSTAPRDLGLLWKTHLPHCCALE\*\*LE\*\*ITC\*DLG\*HDLDAVGERN\*QLHKSNIHIN\*RIAEPTRKE\*TRIIGIR\*VGKFVELV\*YNKLAVVYKNIHNGSRRLGRFKNSFYCTFYSE\*S\*AGIFTIVVADPLPSPGGTRQARRNRRRRWREKQRQIHAI

>B.2008.JF683784.-

MEPVDPNLEPWKHPGSQPKTACTSCYCKKCCYHCIACFTKKGLGISYGRKKRRQRRRSPQDSKAHQAALSKQ\*VVHVMQPLNILAISALVVTAIIAIVVWSIVGIEYRRILRQKRIDKLIDRIRERAEDSGNDSEGDQEELSALMEMGHLAPWDIDDL\*GCRQLVGHSLLWGTCVERSNHHSVLCIRC\*SI\*NRGT\*CLGYTCLCTHRPQPTRSRS\*KCDRKF\*YVEK\*HGRTDA\*GCNQFMGSKPKAMCKTDPTLCYFKLH\*L\*WNYTNVSDGTHTNVSKENEGRNKKLLFRSLHRHKR\*EGKTICTFLCT\*CSTNR\*\*\*\*KI\*DDKL\*HLSHYTGLSKGIL\*ANSNTLLYPCWFCDSKM\*R\*EVQWNRTM\*KC\*HSTVYTWN\*TSSVNSTAAKWQSSRRRGSN\*ICQFLR\*Y\*NHNSTPE\*IFKN\*LYKTWQQYKQKYIHRTRESILCNRKNNRRHKTSTL\*Y\*\*SRMEQNFRKDSRKIKRTTTI\*E\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*YNKTV\*\*YLV\*EWD\*\*YS\*\*Y\*RNIYHTPMQNKTNCKSVAGSRESNVCPSHQGTN\*LFLKYYRADINKRWWSE\*\*Y\*\*DLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKREKSSGNRSSVPWVLGSSRKHYGRSINNADGTGQTITVWYSATAEQSAEGY\*GATKSVATHSLGH\*AAPGKSPGCGKIPKGPTAPGDLGLLWKTHLHHCCTLEC\*LE\*\*IYG\*DLGEHDLDGVGKRN\*QLHKLNIQPD\*TIAGPAGKE\*EGIIGIG\*MGKFVDLV\*HNKLAVVYKNIHNDSRRLGRFKNNFFCTFYSK\*S\*EGILTIIVSDPPPSTEGTRQARRNRRRRWRERQKQIRTF

>B.2008.JF683785.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTHQESLPKQ\*VVHVMISLTILAIVALVVAAILAIVVWTIVYLEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEDLSALMDMGHHAPWDVNDL\*CYR\*NVGHSLLWGTCVERCRHHFILCIRC\*SI\*\*RGT\*CLGHTCLCTHRPQPTRSRHKCDRRI\*HVEK\*YGRTNA\*GYN\*FMGSKPKTLCKINPTLCHFKLH\*LEKTY\*CHW\*\*YYHGLSYPF\*YH\*SFEARQRRNTKLLFQSHHKHKR\*GNERICTVL\*T\*CSTNK\*EC\*LC\*\*\*YLPFQ\*Y\*G\*\*Y\*RL\*G\*L\*RI\*VDKL\*YHYHYTGLCKDIL\*ANSHTLLCPGWCCASKVYR\*EVQWTRNM\*ECQHSTLYTWNSASSVNSTAVKWQSSRRRHSN\*I\*KFHEQC\*NHNSTAK\*NYKN\*LSKTQQ\*YKKKCTYSARGCILCNRRYNRRYKKSTL\*H\*WS\*LE\*HFKSNS\*KIKRTI\*ECNNNKF\*SLLRRGPRNCNAQF\*LWRGIFLL\*FITTV\*\*VLAY\*WYSEG\*\*YKYKWNYHTPM\*NKTNYTYVAGSRESNVRPSHQRSN\*LYIKYYRAAINKRWW\*WQ\*\*\*N\*NFQTYRREYEGQLEK\*II\*I\*SGKN\*TIRSSTHQGKEKSGAKRKKSSGSNRSYVPRVLGSSRKHYGRSVTDADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*NS\*SDLEHDLDAVGKRN\*QLHRYNIQLT\*RSTNPTRKE\*TRLIGI\*\*VGKFVELV\*HIKMAVVYKNIHNDSRRLSRFQNNCCCAFYSK\*N\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIQKI

>B.2009.JF683787.-

MEPVDPSLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRASQHSQTHQDSLSKQ\*VVNVMQTLSILAIVALVVAAVLAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*C\*KQIVGHSLLWGTCVERSNYHFILCIRC\*II\*YRGT\*CLGHTCLCAHRPQPTRSIIEKCDRIF\*CMEK\*HGRTNAGGYNQFMGSKPKAMCKINPTLCYFKLY\*LQYH\*YH\*\*\*HQ\*WWRDE\*RRNKKLLF\*YPLQNKK\*SEERICLGL\*T\*SSGNT\*\*K\*KYSI\*VDKLEYPNHYTGLAKNIL\*TNFH\*LLCPSWFCHSKV\*P\*EIPWKRRM\*KCPPSTMDTWN\*TSSINSTAVKWQSSRGRGSN\*I\*QFHKQC\*NHNSTAEGTCSN\*LYKTQQQYKKRYTYRTRESILCNRTSNRRYKTSTL\*P\*\*SSME\*HFTGNS\*QIKQKI\*\*NKNSL\*SVLRRGPRNYNAHF\*LWRGVLLL\*YNTIV\*\*YLEYNREYNRMG\*\*Y\*K\*\*Y\*RNYHTPMQNKTNYKQMAGSRKSNVCPSHQRKN\*MLIKYYRVTINKRWG\*\*\*RDQRN\*GLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHPGKEKSGAERKKRSRTRSFVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGESPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*ISRSDLE\*HDLDAVGERSWQLHRTHIHLN\*RITKPARKE\*TRVTGIG\*MGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSK\*S\*AGILTIVVADPPPSTEGTRQARRNRRRRWRERQRQIRKI

>B.2009.JF683788.-

MEPVDPNLEPWKHPGSQPKTECTTCYCKKCCYHCQKCFLTKGLGISYGRKKRRQRRRTPQDCQTHQVPLSKQ\*VINVMQPLVIVSIVALVVVAIIAIIVWTIVFIEYRKILRQKRIDRLIDRIRERAEDSGNESEGDHEELSALVDMGHDALWDVNDL\*SYRKFVGHSPLWSTRVERSNHHPILCLRC\*SI\*KGGT\*CLGHTCLCTHRP\*PTRSTLGKCNRKF\*HVEKWHGRSDA\*GYNQSMGSKPKAMCKINPTLCYFKLH\*FDQH\*FDQQ\*\*Y\*\*FN\*WRRNEGRNEKLLFLCHHKHKKEREKRICTFL\*P\*YSTNR\*\*\*YKLYADKL\*HLSHYTGLSKGIL\*TNSHTFLCPGWFCDSQV\*\*\*KLQWNRTM\*EC\*HRTMYTWN\*TSSINPPAAKWQSGRRRGSNKISKFLEQC\*NHISTAEPICRN\*LYKTQQ\*YKKKYNNRTGESILCNRRHNRRYKKSTL\*P\*\*SSME\*HFKTGS\*EIKRTIWK\*NNKFYTTLRRGPRNYNAHF\*LWRGIFLL\*YNTAV\*\*YLV\*Y\*\*CYRDRW\*\*DYHTPMQNKTNYKQMAGSRKSNVCSSHQWTN\*LFFKYYRVTINKRWW\*\*\*\*Q\*\*E\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGDLGLLWKTHLHH\*CALEC\*LE\*\*ISRSYLG\*HDLDGVGERN\*QLYRLNIHLT\*GIAEPARKE\*ARIVEIGHMGKFMELV\*HNKLAVVHKNIHNDSRRFSRFKNSFYCTFYSE\*S\*AGILTIVISDPPPSSEGTRQARRNRRRRWRERQRQIQSI

>B.2009.JF683790.-

MEPVDPSLEPWKHPGSQPKTPCTSCYCKKCCYHCQACFITKGLGISYGRKKRRQRRRTPLDSESHQASLSKQ\*VIHVMVPIQILAIVALVVAAVIAIVVWTIVLIEYRRILRQRKIDRLIDRITERAEDSGNESEGDQEELSELMDRGHLAPWNIDEL\*CYKQRQLVGHSLLWGTCVERSNHHSILCIRC\*GL\*YRST\*CLGHACLCTHRPQPTRNGIKKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCETNPTLCHFKLH\*CEN\*\*YQQ\*Y\*TH\*\*\*RDRNEKLLF\*YHHKHKR\*DTERICTFL\*T\*CSTNR\*G\*G\*Y\*L\*VDKL\*HLSHYTSLSKGILSTNSHTLLCPGWFCDSKV\*\*\*EFQWNRNMYKCQHSTMYTWD\*ASSINSIAVKWQSSRRRGGT\*I\*KFHKQC\*NHNSTAERSCRN\*LYKTQQQYKKKYTYRTRESILCNRTNNRRYKECILYP\*WHKME\*HFKTGS\*KIKSTI\*K\*NNTI\*ALLRRGPRNCNAQF\*LWRGIFLL\*YNKTV\*\*YLALE\*Y\*YWG\*N\*\*KYHTPLQNKTNCKQVAGSRKGNVCPSHQRSN\*LSIKYYRDTINKRWW\*\*\*\*D\*QH\*DLQTWRRRYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAERKKSSGIWSFFPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQLAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHLCALEY\*LE\*\*ISE\*YLG\*PNLDAVGKRN\*QLYRLNI\*LN\*GIAKTTRKE\*TRIIGIRQMGKFVELV\*HIKLAVVYKNIHNDSRRLDRVKNSFYCTFYSK\*S\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRDI

>B.2009.JF683791.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKNCCFHCQVCFTKKALGISYGRKKRRQRRRAPQDSQTNQASLSKQ\*VVNVMQSLYILGIVALVVAAILAIVVWSIVFIEYRKIVRQRKIDRLIDRIRERAEDSGNESDGDQEELSTLVVEMGYDAPWNVNDM\*C\*RRFVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSKLGKCDREF\*HVEK\*HGRTDA\*GYS\*FMGSKPKAMCKINPTLCYFKLH\*LWCYKLH\*FS\*YH\*YT\*YH\*ITERRNKKLLFLHHHKHER\*DAERICTFL\*I\*CNSNR\*K\*Y\*L\*IDKL\*HLSHYTSLSKDIL\*ANSHTLLYPGWFCDSKV\*\*DEI\*WNRTM\*ECQHSTVYTWN\*ASSINSTAVKWQPSKRRGSN\*IQQFLRQC\*NHNSTAE\*NCKN\*LYKAQQQYKKKYNYRTR\*SILCNRRHNRRYKTSTL\*Y\*\*YRLE\*SFNICSYKIKRTI\*\*\*NNSL\*SILRRRHRN\*NAQL\*LWRGIFLL\*YNTTV\*LYLEWHCNDYLEWYCNN\*YY\*GAKYHTPMQDKTNNKLVAGSRKSNVCPSHQRTD\*MFIKYYRPIINKRWWYKQQQYQ\*DLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRGSTHQGKEKSGAERKKSNRTGSCVPWVLGSSRKHYGRSVNNADGTGQAIDVWYSATAEQSAESY\*SATASVATHSLGHQAAPGKSPGFGKIPKGSAAPGDLGLLWKTHLHHCRALEC\*LEQ\*IPE\*HLE\*HDLDAVGKRN\*\*LHTRNIQFDFRIASPTRKE\*ARIIAIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFFCTCYSE\*S\*EGILTIVVPDPPPSSEGTRQARRNRRRRWRERQRQIRNI

>B.2009.JF683793.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQTHQGYLSKQ\*VVNVMYSLQILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELSELVERGHLAPWDVNDL\*YYRRNVGHSLLWGTCVERCEHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTKNKIGKCDRKF\*YVEK\*NGRTDA\*GYNQFMG\*KPKAMCKINPTLCYFKLH\*CKS\*\*YWC\*\*CH\*\*\*CHQ\*\*LGRNEKLLFQYHHKYKR\*DKERICIFV\*T\*SSTNR\*\*\*Y\*L\*VDKL\*RLSHYTSLPKGIL\*ANSYTLLCPGWFCDSKVQ\*\*KFQGKRIM\*KCQHSTMYTWN\*ASSINSTAIKW\*PSRRRSSN\*I\*KFHKQC\*NHNSTAERICRN\*LYKTQ\*Q\*TNKTYTYRTRESILCKRRRRHKTSKLYY\*\*NKMESYFTSDSYQITRTV\*\*INSL\*SLLRRGPRNCNAHF\*LWRRIFLL\*YNTTVQ\*YLANQ\*YLESYWC\*KQYHTPMQNKTNYKYVAESRKSNVCPSHRRRN\*MLIKNYRAAINKRWW\*\*RQQHQRHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TFRNSTH\*GKEKSGAKREKSSGNRSSIPWVLGSSRKHYGRSVIDADGTGQTVNVWYSATAEQFAESY\*GATTYVATHSLGHQAAPGKNPGCRNVPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*IFG\*HLG\*HDLDAVG\*TN\*QLHRLNILLN\*RIANPTRKK\*KGIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFFCTFYSE\*S\*AGILTTIVSDPPPSSEGTRQARRNRRRRWRQRQRQIQSI

>B.2009.JF683794.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRRPPQDSKTHQVSLPKQ\*VVHVMLALTVAAIVGLVVAAIIAIVVWTIVFIEYRKIRKQRKIDRLINRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCR\*IMGHSLLWGTCMERRNHHFILCIRL\*SICNRGT\*CLGHTCLCAHRPQPTRSSNGKCDGRF\*HVEK\*HGRTDA\*GYNQFMG\*KPKAMCKINPTLCHFKLCEL\*Q\*\*EC\*\*YEYYYPYPY\*\*WEDGRRGNKKLLF\*CYHSCKR\*SAQRICTLL\*T\*CSKNRE\*H\*\*I\*VDKL\*YLSHYTGLSEGIL\*ANSHTLLCPGWFCDSQV\*\*\*DIQGKRKM\*KC\*HSTMYTWN\*ASSVNSTAAKWQSSRKGGSN\*I\*QFLG\*C\*NHNSTPE\*VCRN\*LYKAQQQYKKKYTYSTGESILYNRTNNRRHKTSTL\*HQ\*SKMEYHFKTGSCKIRRRIS\*QNNSL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YIRTV\*\*YLE\*Y\*KGK\*HE\*HK\*KYHTSMQNKTNYKHVAGSRKSNVCPSHQWTN\*MYIKYYRAVID\*RWW\*E\*HEWD\*DLQTRRRRYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKKKSGAKRKKRTNDGSSVPWVLERSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLQHCCALEC\*LE\*\*ME\*\*W\*\*IIG\*HLE\*LDLDAVGKRN\*QLYTNNILLT\*RIADPARKK\*TRTVRIG\*VGQFVELV\*HIKMAVVYKNIHNNSRRLDRFKINFCCAFYSE\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRQRQRQIHAI

>B.2009.JF683796.-

MDPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISNGRKKRRQRRRTPQDSKTHQADLSKQ\*VVYVMQSPEILTIVALVVAIILAIVVWTIVLIEYRKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*PRST\*CLGHTCLCTHRP\*PTRSSNGKCDRKFQHGEK\*HGRTNA\*RYNQFMGSKLKAMCKNNPSLCYLKMPY\*\*N\*\*ECY\*YCRNEKLLIQCYQKRRKRDTERICTFL\*N\*FSTNR\*\*\*\*\*LYVNKL\*HLSHYSSLSKDIF\*TNSHTLLCSGWFCDSKMQ\*\*EVQGNRTM\*KCQHSTMYTWN\*ANSINSTTIKWQSSKRRGSN\*I\*KLYKQC\*NHNSAAE\*ICSN\*LYKAQQQYKKRYTYRTRESILYNRRNNRKYKTSTL\*H\*\*KRME\*NFKTGSYKIRRTI\*\*NNSL\*EFLRRGSRNCNAHF\*LWRGIFLL\*FNTAV\*QFLAI\*WYYA\*W\*HSQ\*Q\*HHTLMQNKTSYKQVPGTRNSNVCPSPQRHSQLLIQYYRSSINKGWWQ\*Q\*VRLQRDLQTWRGRHER\*LEK\*TI\*I\*SSKN\*AIRNSTHHGKEKSGAERKKSNNARSYVPWVLGNSRKHYGRSVTDADGTGQTIIVWYSAAAEQSAEGY\*GATAYVATHSLGHQTAPGKSPSCGKIPTGSTAPRNLGLLWKTHLHHCCALEC\*LEQ\*VSKPDLE\*HDLDGVGKRN\*QLHKFNIYPNRRIAEPTGKK\*TGPIEIGSVGKFMELV\*HIKLAVVYKNIHNDSRRLSRIKNSFYCTFFGK\*S\*EGILTIIIPDPPPSSEGTRQARRNQRRRWRERQRQIRKI

>B.2009.JF683797.-

MEPVDPRLEPWKHPGSQPKTACNTCYCKRCCLHCQVCFIRKGLGISYGRKKRRQRRRTHLDSQSDQDSLSKQ\*VVHVMLSLQIAAIVALVVVGILAIVVWSIVLIEYRKIRRQKKIDRLIDRIIERAEDSGNESDGDQEELSALVDMGHHAPWDVNDL\*HRRLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRNA\*CLGHTCMCTNRPQPTRNRIEKCDRKI\*HVEKQHGRTDA\*GYNQLMGSKPKAMCKTNPTLCYFKLH\*\*LD\*\*\*CN\*\*\*\*YHYLY\*\*QEGRNKKLLLQYHHKHK\*\*DAERVCTFL\*TRCSANR\*\*K\*WYRK\*D\*QLY\*L\*VDKL\*HLSHYTSLSKSNL\*ANSHTLLCPGWFCDSKM\*\*\*GFQWNRNM\*KCQYSTMYTWN\*ASSINSTAVKWQSIRRKGSN\*ICQYHRQCQNHNSTAEGSCKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTL\*P\*\*IRME\*HFKTGSCKIKRTIS\*\*NNNL\*SLLRRGPRNCNAHF\*LWRGIFLL\*FITTV\*\*YLG\*RKWHNHTRK\*HTRK\*HNHTPM\*NKTNYKHVAAGRKSNVCPSHTRTN\*LYIKYYRNTINKRWWA\*CEQYHRDLQTSRRRYEGQLEK\*II\*I\*SSTN\*AIRNSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDVDGTGQTTIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKLPKGSTAPRALGLLWKTHLHHCCALEY\*LE\*QKYE\*HLG\*HDLDTVG\*RN\*QLHKLNI\*LN\*KIANPTRNE\*KGIIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*EGIFTTIISDPPPNPAGTRQARRNRRRRWRRRQNQISAL

>B.2009.JF683801.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKMCCFHCQVCFTRKGLGISYGRKKRRQRRRAPQGSETHQSAISEQ\*VIYVMQSLVIAAIVGLVVAGILAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELAELVEVGHDAPWNVDDL\*CCRQVVGHSLLWGTCVERSNHHSILCIRC\*SS\*HRGA\*CLGHACLCTHRP\*STRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CKEWY\*W\*H\*\*DN\*GRNEGRNKKLLFQCHQKHRR\*DAERICTVL\*T\*CNANR\*\*\*CKLHIDKL\*HLSH\*TGLSKGNL\*TNSHTLLCPGWFCDSKV\*\*\*KV\*WDRTM\*KCQHSTMYTWN\*ASSVNSTAIKWQSSRRRDSN\*I\*KFNKQC\*NHNSTSERIYSN\*LYKTQQQYKKRYTYGMGESILCNRRNSRGHKTSTL\*P\*QYTVEQHFKTDSYKIKRNI\*QQNNSL\*SLLGRGPRNCNAHF\*LWRGIFLL\*DITTV\*\*YLAV\*\*YLAA\*W\*RE\*CQDHTPMQNKTNYK\*VAGSRKSNVCPSHSRTN\*LFIKYYRAAINKRWWQQQ\*Q\*QRDLQACRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAKRKKSSGSNRSYVPWVLGNSRKHYGRSVTNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSAAPRDLGLLWKNHLHHCCALEC\*LE\*\*NSGTDLEQHDLDGVGKRN\*QLHRHNIQLNSRIAEPAG\*K\*TRIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLSRFKNSFCYTFYNE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRHIHKI

>B.2009.JF683804.-

MEPIDPSLEPWKHPGSQPKTACNNCYCKKCSWHCQRCFLTKGLGISYGRKKRRQRRRPPQDSQTNQAPLPKQ\*VVHVMQPLVIAAIVALVVVAIIAIVVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESDGDQEELSELVERGHLAPWDIDDL\*CYRRFVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*YVEKQHGRTDA\*GYNQFMGSKPKAMRKINPTLCYFKLH\*CAEE\*Y\*YHCGWRGTNGVRRNKKLLFQ\*HHKHQR\*VSERICTFL\*T\*CSTNK\*\*\*E\*Y\*LYVDKL\*HLSPYTGLSKDII\*ANSYTLLCTGWFCDSKV\*\*\*EVQWKRTMYKCQHSTMYTWY\*ASSINSTAIKWQSSRRRGSN\*ICQLLGQC\*NHNSTAERNCRN\*LYKTQQKYKKKDNHGTRESILYNRRNSRRYKKSIL\*H\*CDKME\*HLKKDS\*KIKRKIWE\*NNSL\*SILRRGPRTGNAQF\*LWRGIFLL\*FNTTI\*\*YLV\*\*WYLERY\*RDK\*HRDK\*HHHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MYIKYYRAVINKRWWY\*RDDRWY\*RDDRWY\*RDRDLQTYRRKYEGQLEK\*II\*I\*SNKN\*TIRSSTHQGKEKSGAERKKRSTRSFFPWVLGSSRKHYGRSVNGADGTGQTIVVWYSAAAEQFAESH\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTTPRNLGLLWKTHLHHCCALEC\*LE\*\*IPG\*DLGKHDLDGVGKKN\*QLHNINIHLT\*KIAEPARKE\*A\*IIGIG\*MGKPVELV\*YNKLAVVYKNIHNDSRRLDRFKNSFCYTFYSEQS\*AGILTIIISDPLPNPEGSRQARRNRRRRWRERQRQIRSL

>B.2009.JF683805.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKICCLHCQVCFTKKGLGISYGRKKRRQRRKAPHGSKTHQAPLPKQ\*VVHVMQPLVIFAIVALVVVAIVAIVVWTIVFLEYRKILRQRRIDRLINRIRERAEDSGNESEGDQEALSGLLEMGHDAPWNVDDL\*CCRTIVGHSLLWSTCVERGNHHSILCIRC\*SI\*YRST\*CLGYTCLCTHRPQPTRNSIGKCDRKFYHVEK\*HGRTDA\*GYNQFMGSKPKTMCEINPTLCYFKLY\*LDEEYYYEEYY\*YQ\*YQ\*YDGDGERRNEKLLFQYHCKHKR\*GAKRTGTFFCT\*CSTNRR\*\*YQYQL\*IDKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCNSKM\*\*\*EVQWEWTM\*KCQYSTMYTWN\*ASSFNSTAVKRQFSRRRGNN\*I\*KFHKQC\*NHNSTSE\*ICSN\*LHKTW\*QHKKKYIYRTRESIFCNRRYSRRYKKSTL\*H\*\*IQME\*HFKTHSYKIRKKISR\*KNNL\*SILRRGSRDCNAQF\*L\*GGILLL\*YIKIV\*\*YLVS\*WY\*RDK\*HSRRDHHTPM\*NKANCKLVAGSRKGNVCPSHKGKH\*LSIKHYRAAINKRW\*R\*E\*\*\*RDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRDSTHQGKEKSGAERKKSSGSTRSYVPWVLGSSRKHYGRSVNDTDGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*VSK\*DLG\*HDLDAMGKRN\*QLHRLNIHFN\*RIAEPTRKE\*TRIIGIR\*VGKFMELVQHNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSKKS\*AGILTIVIADPLPSPEGTRQARRNRRRRWRERQRTIRSI

>B.2009.JF683807.-

MEPVDPRLEPWKHPGSQPRTPCTSCYCKICCFHCQLCFTRKALGISYGRKKRRQRRRTPQDCETHQASLPKQ\*VVHVMTPLVILSIIALVVVAIIAIVVWSIVLIEYRRILKQKKIDRLIDRIRERAEDSGNESEGDHEELAALVEMGHDAPWNVDDL\*GYRRFVGHSLLWGTCVERSKNHSILCIKC\*SI\*SRGT\*CLGHTGLCTHRPQSTRSRIIECDRKF\*HVEK\*HGRTNAGGYNQFMGSKPKTMCKVNPTLCYFKLH\*CED\*\*YQ\*CY\*YQ\*\*HLEDEGRRTKKLLFQLHHKHKR\*KTERLCTFL\*T\*FSTNR\*\*E\*\*\*L\*VDKL\*HLSHYTGLSKNIL\*TNSHTLLCPGRFCDSKM\*R\*EIQWNRTM\*KCQHSTMYTWN\*SSSINSTAVKWQSSRRRGND\*I\*KYHKQC\*NHNSTTERTCIN\*M\*KT\*QQYKKKYKYRTREGILCNRRYNRRYKTSTL\*H\*\*RKLD\*SPTTDSNKIRRTIQEYHKNSL\*PLLRRGSRNHNT\*F\*LWRGIFLL\*FNTTV\*\*YLEQD\*\*YLEFNTTIGWE\*NYHTLMQNKTNYKQVAGGRKGNICPSHQRNH\*MHIKYYRVTINKRWW\*\*\*\*K\*HHRNLQTWRGRYERQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGYKATPGKSPGCGKIPTGPTAPGDLGLLWKTHLHHCCALECQLE\*\*ISECNLE\*HDLDGVG\*RD\*QLHTNNIQLN\*TITDPTRKE\*TRIIRTR\*MGKFVVLV\*HNKLAVVYKNIYNDSRRLNRFKNSFYCTFYSK\*G\*EGILTLIVSDPPPSTAGTRQARRNRRRRWRERQRQIRTI

>B.2009.JF683808.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKICCLHCQVCFTKKALGISYGRKKRRQRRRAPQDSQTNQVSLSKQ\*VVNVMQSLYILGIVALVVAAILAIVVWSIVFIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSTLVVEMGYDAPWNVNDM\*C\*RRFVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPSRSKFGKCDREF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWCYKLH\*FS\*YH\*YT\*YH\*ITERRNKKLLFQHHHKHKR\*DAERICTFL\*I\*CNSNR\*K\*Y\*L\*IDKL\*HLSHYTSLSKDIL\*ANSHTLLYPGWLCDSKV\*\*EEI\*WNRTM\*ECQHSTVYTWN\*ASSINSTAVKWQPSKRRGSN\*IQ\*FHRQC\*NHNSTAE\*NCKN\*LYKAQQQYKKKYKYRTRQSILCNRRHNRRYKTSTL\*Y\*\*YRLE\*SFNICSYKIKRTI\*\*NNSL\*SILRRRHGSYNAQL\*LWRGIFLL\*YNTTV\*LYLEWHCNDYLEWYCSS\*YY\*GVKYHTPMQDKTNNKLVAGSRKSNVCPSHQRTD\*MFIKYYRPIINKRWWYKQQQYQ\*DLQTGRRRYEGQLEK\*IIQI\*SSKN\*TIRGSTHQGKEKSGAERKKSNRTGSCVPWVLGSSRKHYGRSVNNADGTGQAIDVWYSATAEQSAESY\*GATAYVATHSLGHQAAPGKSPGFGKIPKGSTAPGDLGLLWKTHLHHCRALEC\*LEQ\*IPG\*HLE\*HDLDAVGKRN\*\*LHT\*NIQLDFRIASPTRKE\*ARIIAIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFFCTCYSE\*S\*EGILTIVVPDPPPSSEGTRQARRNRRRRWRERQRQIRNI

>B.2009.JF683809.-

MEPVDPSLEPWKHPGSQPRTACNTCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRTPQSNQSHQVSLPKQ\*VIHVMQPLVIVAIVALVVVTIIAIVVWSIVLIEYRKLLRQRKIDRLIDRIRERTEDSGNESEGDRDELSTLVERGHYAPWPIDDL\*CWRTIVGHSVLWGTCVERSNHHSILCIR\*\*SI\*CRST\*CVGHTCLCTHRPQPTRSTIGKCDRKV\*YVEK\*HGRTDA\*GYN\*FMGTESKTMCKINPTLCHVKLH\*LLWEEYYHQ\*Y\*CL\*\*\*HGSNGGKRNEKLLFQYHRRNKR\*GEERICTFL\*S\*CSTNR\*\*R\*\*\*L\*VDKL\*HLSHDTGLSKDLL\*TNSHTLLCPGWFCDSKM\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASNIHPTAVKWQSSRGRDSS\*I\*KFHKQC\*NYNSTAE\*ICSNKLYKTQQQYKKKYTYGTREILYNRSHNRRYKKSILYP\*\*ITME\*HFKTDSSKIRRTIQQINNSL\*LLLRRGPRSCNSQF\*LWRGVFLL\*YNTIV\*\*YLEWY\*EDKWN\*RRQYHTHMQNKTNYKHVAGSRKSNVCPSHCRTN\*LFIKYYRAVTNKRWWCW\*CHSRE\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSNWSLVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKDPGCGKIPNGSTAPGNLGLLWETHLHHCSALEY\*LE\*\*IL\*YNLG\*HDLDGVGKRN\*QLYKSNI\*LN\*RIAEPTRQK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNNFYCIFYSEES\*AGIFTTIVSDPPPSSEGTRQARRNRRRRKKKVERETETDPLH\*

>B.2005.JF689852.-

MEPVDPRLEPWKHPGSQPRTACTTCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQHDPAHQVSLSKQ\*VVHVMQTLQILAIVALVVAAIVAIVVWSIVLIEYRKILRQRKLDRIIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDINDL\*Y\*KIVGHSLLWSTCVERGNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKLKAMCKINPTLCHFKLH\*LGECY\*CHE\*\*WRGNDGGGRNKKVLVQYHHKHKR\*GA\*RTCTFL\*T\*CNTNRRR\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*R\*GVQWNRTM\*KCQHSTMYTWN\*TSNINSTAVKW\*SSRRRGSS\*IRQSHGQY\*KHNSKAE\*NCRNELYKTRQQYKKKYKYRTRQSILCNRRNNRRYKTSTLQH\*\*RKMERHFKKDSYRIKKTI\*E\*NNSLYSILRRGPRNYNA\*F\*LWRGIFLL\*FSTTV\*\*YLE\*YLEWY\*AQSH\*RKWHNHNSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAVINKRWWQ\*RGQYHRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSRNRSCVPWVLGSSRKHYGRSVINADGTGQTIIVWYSATAEQFAEGY\*GTTASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISG\*DLEHDLDAVGKRN\*\*LHRLNIHLN\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKDIHNDSRRLGRLKNSFYCTFYSE\*S\*AGILTIIVPDPPPRPEGTRQARRNRRRRWRERQRQIRAI

>B.2005.JF689854.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCFHCQVCFTKKALGISYGRKKRRQRRRAPQDSQTYQASLPKQ\*VVHVMQSLIIVAIVAFVVAIIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGEQEELSALVEMGHHAPWDVNDL\*C\*GKIVGHGLLWGTCMERSSHHAILCIRCESI\*YRGT\*CLGHTCLCTHRPQPTRSSIDKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYLKLH\*\*VKEYY\*YY\*YHW\*\*LGYGKRRNKKLLFQYHHKHKR\*DAERICTFL\*T\*YSTNR\*\*\*\*\*YQL\*VDKL\*RLSPYTGLPKGIL\*TNSHTLLCPGGFCNFKV\*REEVQRKRSV\*QYQHSTMYTWN\*ASSINSTAVKWQSSRRGSN\*I\*QFHR\*C\*NHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTL\*H\*\*SKME\*NFKTDS\*KTKRTI\*E\*NNSL\*AILRRRPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLE\*YY\*RVK\*HWKNYHTPMQNKTNYKYVAGSRKSNVCPSHQRTN\*MFIKYYRASINKGWW\*\*\*RDQ\*RDRDLQTWRGKYKGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAEGY\*GATAYVAAHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IYGRNLE\*HDLDAVGKRN\*QLHRLNIHLN\*KITEPTRKE\*TRIIGIG\*MGKFMELV\*HNKMAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQVKAI

>B.2005.JF689856.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQTHQASLSKQ\*VVHVMQAIQVVAIIALVIAAIIAIVVWSIVFIEYRKILRQRKIDKLIDRIRERAEDSGNESEGDHEELSALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSILGKCNRTF\*HVEQ\*HGRTDA\*GYNQFMGSKPKTMCKINPTLCYFKVR\*SDFKLH\*SE\*N\*THLSI\*HYHSYHSYQYHPSH\*YLQGDDELLFQYYHKHKR\*GEERICIIV\*A\*CSTNR\*\*R\*\*K\*D\*L\*VDKL\*HLSPYTSLSKGILSANSHTLLCPSWFCDSKV\*\*\*NIRWKRTM\*QC\*HSTMYTWN\*ASSINSTAVKWQPSRKRGSN\*I\*QFLGQC\*NHNSTAKGRCKN\*LYKTQQQHKKKYTYRTRKSILCNRRNNRRYKTSTL\*H\*\*RRMENSFRAGS\*\*IRRTS\*\*IKQRE\*NNSL\*LILRRGPRNCNAQC\*LWRRIFLL\*YNKTV\*\*YVVLE\*CYC\*LDFEK\*Y\*GRIQYLWREYHTPMQNKTNYKHVAGSRESNVCPSHQRTN\*MFIKYYRAAINKRWWRGA\*RY\*DFQTCRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVSNADGTGQNAIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KSESDLE\*HDLDAVGKRDW\*IHRHNIQLNRRIAKPTRKE\*TRIIRIR\*MGKFVELV\*HNKLAVVYKNVHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2005.JF689857.-

MEPVDPSLEPWKHPGSQPKTPCTSCYCKKCCFHCPACFTRKGLGIFYGRKKRKQRRRAPQDSQTHQVSLSKQ\*VAYVMQSLEITAIVALVVAAIIAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHYAPGDINDL\*CYRQIVGNSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRIRNGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKALCKINPTLCYFKLH\*TEK\*\*YY\*LGE\*Y\*QRT\*ERRNKELLFQYHHRHKR\*GAKRICIFL\*T\*CSTNK\*\*\*C\*SY\*YQL\*VVKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKM\*\*\*KVQWNRTM\*KCQHCTMHTWN\*TSSINSTAVKWQSSRRRGSS\*I\*KSHKQC\*NHYSTAEQICRN\*LYKTQQ\*YKKKYTYRTRESILYNRRYNRRCKTSTL\*H\*\*KRMGKHLTTDSQQIKKTI\*\*\*HNNL\*SILRRGPRNCNAQF\*L\*RGIFLL\*HITTV\*\*YLEWNCMVN\*QFK\*H\*YHTPMQNKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRATINKRWW\*\*\*\*Y\*\*DLQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSRNRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*ISG\*DLG\*HDLDGVGKRNWQLHKLNIHPN\*KIAKPTRKE\*TRIIGVR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLSRFKNSFCCTFYNK\*G\*EGIFTITVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.2005.JF689859.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQDSLSKQ\*VVHVMQPLQIVAIVALVVATIIAIVVWSIVFIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSAFVEMGHHAPWDIDDL\*CCRRFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LFEEYY\*FE\*CY\*WRNKKLLFQYHHKHKR\*GAERICTFL\*T\*CGTNR\*\*\*Y\*YQL\*VNKL\*HLSYYTGLSKSNL\*ANSHTLLCPGWFCDSKV\*\*\*EVQGNRIMYKCQHSTMYTWY\*ASSINSTAVKWQSSRRRGSN\*IYQFHGQY\*NHNSTAERICSN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*P\*\*SKMG\*HFKTDS\*KIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTI\*\*YLEWY\*RVK\*H\*RK\*HTHTPMQNKTDYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWY\*Q\*REHRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGEDLE\*HDLDGVGQRN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGMGQMGKFVELV\*HNKMAVVYKNIHNDSRRLGRPKNSFYCTFYSE\*S\*AGVLTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSL

>B.2005.JF689860.-

MEPVDPRLEPWKHPGSQPRTTCTPCYCKKCCYHCQVCFVTKGLGISYGRKKRRQRRRTPQDSETHQDYLSKQ\*VVHVMTSLIVVAIAALVVAGILAIVVWSIVFIEYRRILRQEKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHDARRDINDL\*CRKFVGHSLLWGTCVERSSHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPRPTRNKVGKCDRRL\*HVEK\*HGRTDA\*RYNQFMGSKSKAMCKINPTLCYFKLH\*LK\*YQDQ\*YQCR\*Y\*\*GGDRRHEKLLFQYYHGYER\*GAEKICNFL\*S\*FSKNE\*\*K\*\*YQL\*VGKL\*HLSHYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTVYTWN\*ASSINSTVAKWQPSRRRGSN\*I\*KFHKQCQSPNSTSE\*ICSN\*LYKTRQQYKTEYNYGTRESILYNRKSNRRYKTSTL\*P\*\*NRMEYHFKTNS\*KIRRTI\*\*NNSL\*ASLRRGSRNCNTQF\*LWWGIFLL\*YIRAI\*LD\*GKTC\*H\*RQNYNPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MFLNYYRVDINKRWW\*\*HKGERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSFIPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHYCTLEY\*LE\*\*NS\*\*HLGEHDLEAVGKRN\*KLHRLNIQIN\*RIAKPTRKE\*KRIIGIG\*MGKSMELV\*YNRVAVVYKNIHNNSSRLGRFKNSFYCTFYSE\*S\*EGVLTTVVSDPPPSPQGTRQARRNRRRRWRERQRQIRTI

>B.2006.JF689862.-

MEPVDPRLEPWKHPGSQPKTPCNQCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRTDQDSQSHQVSLPKQ\*VIHVMQALGILAIVALVVAAIIAIVVWTIVLIEYRRILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRTIVGYSLLWGTCVERSNYHSILCIRC\*SIYYRST\*CLGHTCLCAHRPQPTRSKIGKCDRKI\*YVEK\*HGRTNA\*GYNQFMGSKPKTMCKVNPTLCYFRLH\*Y\*YYCQ\*Y\*\*YQ\*\*\*\*VGDKRRNEKLLFQYHHRCKR\*DEERICTFL\*T\*YSTNR\*\*EE\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSQV\*\*\*EV\*WNRTMYKCQYSTMYTWN\*ASSVNSTAAKWQFGRRGGNN\*I\*KPHGQC\*NYNSTAE\*NCTN\*LYKTQQQYKKRYTYGTWESILCNRRHNRRHKTSTL\*P\*\*SSME\*NFRTDSKKIKRTICE\*NNSLYSIFRRGPRNCNAHF\*LWRGILLL\*YNTPV\*\*FLEWDCMGKCHK\*HWRNYHTPM\*N\*TNYKYVAGSRKSNVCSSHQWTN\*MFIKHYRPNINKRWWY\*Q\*HRGRGLQTWRRKYEGQLEK\*II\*I\*SSTN\*TIRSSTYQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRALGLLWKTHLHHCCTLEY\*LE\*\*KSEYDLG\*PDLDGVGKRN\*QLHRLNIQPN\*RIAKPTRKE\*TRLIGI\*\*VGKSVELVWHIKLAVVYKNIHNDSRRLSRIKNSFYCTLYSE\*S\*AGIFTIVISDPPPNSEGTRQARRNRRRRWRQRQRQIHTI

>B.2006.JF689863.-

MEPVDPRLEPWKHPGSQPNTACTKCYCKVCCFHCQVCFTQKGLGISYGRKKRRQRRRAHQDSQTHQEYLSKQ\*VVYVMYTLQIVAILALIVAAILAIVVWTIVLLEYRKILKQRKIDRLIERIAERAEDSGNESEGDQEELSALVEMGHDAPWDVDDL\*CYRTIVGHSLLWGTCVERSNYHSILCIRC\*ST\*YRGA\*CLGHTCLCTHRPQPTRSGIGQCDRKI\*HVEK\*HGRPDA\*GYN\*FMGSKPKAMCEINPTLCYFKLY\*CLE\*DCCQQEQEQQ\*ENNRERRHKKLLFQDHRKHKR\*SAGKICIF\*\*T\*YSANRE\*SSRE\*\*\*\*QL\*QL\*DNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DI\*WNRSM\*KCQHSTLYTWN\*ASSINSTAVKWQSGRRRDSN\*I\*KFLKQC\*NHNSTAEGSSGN\*LYKTRQQYKKKYKYRTRESICYNRRHNRKYKTSTL\*HQ\*SKME\*NFKSDS\*KIKRTIWK\*NNIL\*\*ILRRGPRNYNVQF\*LWRGIFLL\*YNTTV\*\*YMV\*\*\*YLE\*D\*RDK\*HYHTPMQNKTNYKPVAGSRKSNVCPSHQRSN\*LFIKHYRAVIDKRWW\*W\*\*QQWD\*GLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGSAKRKKSSGNIRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQSAESY\*GATATVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHYFCALEC\*LE\*\*ISG\*DLEQHDLDGMGKRN\*QLHKHNIHIN\*GIAKPTRKE\*ARFIGIR\*VGKSVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCSNFYSEKS\*AGIFTIIVADPPPSSEGTRQARRNRRRRWRERQRQIISI

>B.2006.JF689864.-

MEPVDPRLEPWRHPGSQPQTPCTPCYCKKCCFHCQVCFTKKALGISYGRKKRRQHRRAPRDSQDHQDSLPKQ\*VXHVMVPLQIAAIVGLVVAAIVAIVVWSIVLIEYRKILKQKKIDKLIARIIERTEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*CXRKFVGHSLLWGTCVERSNHHSILXIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRIIIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKTNPSLCYFKLH\*L\*YYHX\*\*YNQX\*YNH\*\*\*XXGNYGKGRSKKLFFQYHHRQRRKEAGKVCIFL\*T\*FNANRG\*SXET\*\*X\*L\*ADKL\*HLGCYTGLSKNII\*ANSHTLLCPGWXCDSKV\*Q\*EVXWNRAM\*ECQYSAMYTWNQASSINSTIVKWQPSRRRGSN\*I\*EFHRQC\*NYNSTAEGNCKHYLXKTQQQYKTKYKYRTXESMAYKYNRRYKTSTL\*H\*\*SKME\*HSTTDS\*KTQGTIWE\*NNSL\*SILRRGPRNCNA\*F\*LWRGIFLL\*YIKTV\*\*YLAX\*WY\*\*MVK\*HWRKYHSHSPM\*NKTNHKHVAGSRKSNVCPSXQRTN\*MFIKYYRXAINKRWGKQ\*\*D\*XX\*DLQTRRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQLAESY\*GATAYVATHSLGHXTAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*E\*KSK\*NLG\*HDLDAVGKRN\*QLHRHNIHLT\*RIANPTRKE\*T\*IIXIR\*MGKFVELVXHIKLAVVYKDIYNDSRRLNRFKNSFYCTFYNK\*G\*EGIFTIIVPDPPPNPEGTRQARRNRRRRWRERQRHIRWI

>B.2006.JF689865.-

MEPVDPSLEPWKHPGSQPRTPCTPCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPPDSQTHQVSLSKQ\*VIHVMQPLGILAIVAIVVAVIIAIIVWSIVLIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSALVEMGNDVERGHHAPWDVNDL\*CRTIVGHSLLWGTCVERSKYYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTNA\*GYN\*FMGSKPKAMCKINPTLCYFRLH\*SNE\*CY\*YHGCYREGGNKKLLFQCHYKHKR\*DAESICNF\*\*T\*YSTNRR\*Q\*\*L\*VDKL\*YLSHYPGLSKGIL\*ANSHTSLCPGWFCDSKV\*\*\*EIQWNRTM\*KCQHSTMHTWN\*ASGINSTAVKWQSSRKRNSN\*VRQSHGQY\*NHNSTAK\*VCSNKLYKTQ\*QYKEEYTYRTRQSILCNRRHNRRYKTGTL\*SE\*SKLE\*HFRKDSYKIKRTIQ\*NNSL\*SFLRRGPRDCNAQFKLWRGIFLL\*YNKTV\*\*YLALECYWVKCYWVK\*HNHNSMQNKTNYKHVAGSRKSNVCPSHPRTN\*MFIKYYRATINQRWW\*YK\*EQYHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSSVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAKQFAEGY\*SATSPVATHSLGH\*AAPGESPGCGKIPTGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NYKVYLG\*HDLDAVGKRN\*ELHRHNIQLN\*RIAKPTRKE\*T\*IIGIR\*MGKFVELVQHNKLAVVYKNIHNDSRRLDRFKSSFYCTFYSE\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.JF689866.-

MDPVDPNLEPWKHPGSQPSTACNSCFCKRCCYHCQVCFITKGLGISYGRKKRRQRRRAPQDSPPHQASLSKQ\*VVYVMLALQISAIVALVVAAIIAIVVWTIAFIEYRKILRQRKIDKIINRIIERAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CCRKFMGHSLLWGTCVERSKDHSILCLRC\*SI\*DRGT\*CLGYTCLCAHRPQPTRSSIGKCDRKF\*HVEK\*HGRTNA\*RYN\*SMGSKPKTMCKINPTLRYFKLH\*VY\*EQ\*YH\*LYC\*YSHSYR\*QKPGGRRNEKLFFLCHPKHKR\*I\*DRICSVL\*I\*SSTNR\*\*\*YHL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPSWFCDSKM\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSTTVKWQSSRRRYNN\*I\*KYHRQC\*NHNSASE\*ICRN\*LYKTQQQHKEKYKYRARESILCTRRSNRRYKTSTLQH\*\*SKMESNFT\*DSYKVKRTI\*\*EYNNSL\*\*ILRRGPRNCNTQF\*LWRGIFLL\*HNKTV\*\*YLVEEWY\*\*LE\*Y\*E\*Q\*HNHTQMQNKANYKHVAGGRKSNVCPSHQRTN\*MFIKYYRADINKGRWAYQ\*NKQY\*DL\*TCRRKYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNNANGTGQTIIVWYSAAAEQSAEGY\*GATTYVATHSLGHKAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*IFGLHLGKHDMDGMGKRN\*QLHRHNIQLN\*RIANPTRKE\*T\*LIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.2006.JF689867.-

MEPVDPRLEPWKHPGSQPRTACTTCFCKKCCYHCMKCFLTKGLGISYGRKKRRQRRRSPQNSETHQVSVSKQ\*VIHVMQPLAIAAIIALVVAAIIAIVVWSIVLIEYRKILRQRKIDRIIERIRERAEDSGNESDGDQDELAALVEMGHHAPGDINDL\*Y\*\*KVVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIRKCDRKF\*YVEK\*HGRPDA\*GYN\*FMGSKPKAMCRVNPTLCYFKLH\*CQYH\*YQYHKEYCS\*REYIRNGEGRNKKLLFQCHLKHKR\*GAARICAFLSA\*CSTIRK\*\*\*E\*Y\*L\*VGKL\*HLSH\*TSLSKGIL\*TNSHTLLCPSWFCDSKV\*\*\*EV\*WNRTMQKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDNN\*VRQFHGQY\*KHNSTAECICRNELYKTQ\*QYKKRHTYGTRQSILCNRRYNRRYKKSIL\*H\*\*RKME\*NFRKDS\*KIKRTIQ\*NNSL\*FILRRGPRNYNAQF\*LWRGIFLL\*HNRTV\*LNI\*LNKTA\*\*\*\*Y\*FKFHDPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIKHYRADINKRWWW\*\*ER\*RDFQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTQQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVRDADGTGQKITVWYSATAEQFAEGY\*GATASVATHRLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*KL\*PDLGTHDLDAVGKRN\*ELYRHNIRLN\*RIAKPTRKE\*TRVIGIR\*MGQFMELV\*HNKMAVVYKIIHNNSRRLGRVKNNFYYTFYSE\*S\*AGILTIVVPDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2006.JF689868.-

MDPVDPRLEPWKHPGSQPXTACTTCYCKRCCFHCQKCFISKGLGISYGRKKRRQRRRDPQDSQNHQVSLSKQ\*VVHVMXPLQILAIVSLVVVTIIAIVVWSIAXIEIRKFLKRRKIDRLIERIRQRAEDSGNESDGDEEELSALVEMGHDAPWDVNDL\*X\*RKRFVGHSLLWGTCMERSNYHSILCIRC\*II\*YRST\*CLGYTCLCTYRPQPTRISIGKCNRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*Y\*F\*\*XY\*YHWECH\*\*XXEGRGTDDGERRNEKLLFQYHHKPKR\*DAGRICTFL\*T\*CNTNR\*W\*\*\*\*\*IL\*VDKL\*HLNPYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWXRIMYKCQHSTMYTWD\*ASGVNSTTVKWKSSRRRGSN\*ICKFHRQC\*KHNSTXESICSNSLSKTQQQYKTPYEYRSRKSILCNKNCNRRYKAGTL\*PQSIKLDYRFKKHSWQIKRTIWXKYNNKX\*PILRRGPRNCNAHF\*LWRGVFLL\*YSKTV\*\*YLGVE\*Y\*GGVK\*HCRKYHTPMQNKTDYKHVAGSRKSNVCPSHRRTN\*MLIKYYRAXIN\*RWWD\*QHQQ\*DLQTWRRRYEGQLEK\*II\*I\*SNKN\*TIRNSTYPGKEKSGAERKKSNWNRSCAHWVLGSSRKHYGRSVNDADGTGQTIXVWYSATAKQFAEGY\*GATTSVATHSLGHXAAPGKSPSCGKIPQGSTAPGNVGLLWKTHLHH\*CALEY\*LE\*\*ISRSDLXKHDLDAVGKRN\*QLHRDNIHLTYGIAEPARKE\*KRIIRIR\*MGKFVDLV\*HNTMAVVYKNIHNDSRRHSRFKNSS\*CNFYSE\*S\*AGILTLIVPDPPPRPEGTRQARRNRRRRWRQRQRQIRSI

>B.2006.JF689870.-

MEPVDPRLEPWKHPGSQPRTACTTCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSKTHQASLSKQ\*VVHVMQSLQILAIVALVVAAIIAIVVWSIVLVEYRKILRQRKIDRIIDRIRERAEDSGNESDGDQEELSALVEMGHHAPGDINDL\*GCRKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKF\*HVEKQHGRTDA\*GYN\*SMGSKPKAMCKVNPTLCYFKLH\*SEECY\*YHEHDGGGRNKKLLFQYHHKHER\*GAERICTFL\*T\*CNTNRTR\*Y\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSNQI\*QFHEQC\*NNNSKAK\*ICTNELYKTQQQYKEKYTYRTRQSILYNRRNNRRYKASTL\*S\*WSRLE\*HFKRDSYKIKRTI\*E\*NNNL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*YLVK\*H\*RK\*YNHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MLIKYYRAAINKRWWQYNREQVRDL\*TWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGNRSYVPWVIGSSRKHYGRSVNDADGTGQTIIVWYSATAEQLAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPRGSTAPGDLGLLWKTHLHHYCTLEY\*LE\*\*ISESDLAEHDLDAVGQRNS\*LHKLNIHLN\*RIAKPTRKE\*TRVIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRFGRFKNSFYCTFYSE\*S\*AGILTIIVPDPPPSPEGTRQARRNRRRRWRERQRQIQSI

>B.2006.JF689871.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFTTKGLGISYGRKKRRQRRKPPQDSPNHQAPLSKQ\*VVYVMQSLQTLAIVALVVAIIIAIVVWTIVLIEYRRILRQKKIDKLIERIAERAEDSGNESEGDQELSALVEMGNHAPWDIDDL\*CCRKVVGHSLLWGTCVERSNHHSILCIRR\*ST\*YRGA\*CLGHTCLCTHRSQPTRSSIGKCDRKF\*YVEK\*HGRTDA\*GYN\*FMGSKPKAMCEINPTLCYFKMY\*CWECD\*WH\*QQLENNRERRNKKLLFQCYLKHKR\*GGARVCIFL\*T\*CSANK\*\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DF\*WSRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDNN\*I\*EYHKQC\*NHNSTSEGPCTN\*LYKTQQQYKKRCAYRTRKNILCNRRHNRRYKTGTL\*H\*\*IRMEQHFKRGS\*EIKRTI\*E\*NNKI\*PLLRRGPRNCNEQF\*LWRGIFLL\*FIPIV\*\*YLE\*Y\*RVK\*WY\*SNK\*WY\*SNYTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*LLIKYYRAVINKRWWS\*QH\*GRY\*DLQAWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIIWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALE\*\*LE\*\*\*IF\*ADLG\*PDLDGVGERN\*QLYRPNIQPN\*RITEPTRKE\*TRIIGIG\*VGKSVELV\*HNKLAVVYKDIHNDSRRLSRIKNSFCSTFYSE\*S\*AGILTTIVSDPPPSPEGTRQARRNRRRRWRERQRQIHSI

>B.2006.JF689872.-

MEPVDPRLEPWEHPGSQPKTPCTNCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRAPQDRQTHQVSLSKQ\*VVYVMHWLSILAIVALVIGVIVVIVVWSIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVEMGHHAPWDVNDL\*GYRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQPTRSSIGKCDRRI\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYSKLH\*\*GGE\*DCC\*\*YCRGERRNKELLFQYHHKHER\*NEERLCTFL\*TRYSTTRR\*YYL\*VDKL\*HLSHYPGLSKGIL\*ANSHTLLCPSWFCDSKV\*\*\*RVQWNRIMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRKGNN\*I\*QSREQC\*NHNSTAD\*TCRN\*LYKTQQQYKKKYTYRSRESMVCNRKHNRRYKTSIL\*H\*\*NKMEHHPTSGS\*KIKRTI\*E\*NNSL\*SLLRRGPRNCNAQFQLWRGIFLL\*FNTTV\*\*YLDLECYWRKCHTHIIKQH\*RE\*HNQTPMQNKTNYKHVAGSRKSNVCPSHQRAN\*LFIKYYRATINKRWW\*QEREREQEREREQD\*DFQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*IPGTDLE\*HDMDAVGKRN\*QLHKHNIHLN\*AIAKPTRKE\*TRIIRIRYMGKFVELV\*HNKMAVVYKNIHNDSRRIGRFKNSFCCAFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRERQRQIRAI

>B.2006.JF689873.-

MXPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQSCFMTKALGISYGRKKRRQRRRTPQDSQTHQVSLSKQ\*VVHVMQSLGIVAIVALVVAIIIAIVVWSIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRKSVGHSLLWGTCVERSKHHSILCIGC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSGIETGDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCRINPTLCYFKLH\*FEEFY\*FEEFY\*YH\*\*WRENDGGRRNEKLLFQYHHKLKR\*GAERICTFL\*T\*CSTNR\*\*\*\*Y\*L\*VDKL\*HLSRYTGLSKDIF\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*KFHEQC\*NHNSTAE\*ICRN\*LYKTQQQYKKKYTYGTRESILYNRRHNRKYKTSIL\*H\*\*STME\*HFKTGS\*KIKRTIWNE\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLECY\*SLECY\*RVK\*H\*KNYHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*RERDHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHCSALEY\*LE\*\*IS\*\*DLA\*YDLDGVGKRNRQLHKRNIQLN\*RIAEPTRKE\*TRIIRIR\*MGKFVELV\*NNKMAVVYKNIHNDSRRLGRFKNSFCCTCYSE\*S\*AGILTIVVSDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.2006.JF689874.-

MDPVDPRLEPWKHPGSQPKTPCTPCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRTPQGSQTHQASLSKQ\*VVHVMQPLQVVAIVALVVVTIIAIVVWSIVLIEYRKILRQRRIDRLIDRIRERAEDSGNESDGDQEELSAMVERGHLAPWDIDDL\*C\*RKFVGHSLLWGTCVEGSNYHSILCIRC\*SI\*YRGT\*CLGYTCLCTHRPQPTRNSNGKCDRKF\*HVEKSYGRTDA\*GCNQFMGSKPKAMCKINSTMCYFKLH\*FED\*YQ\*IEE\*YY\*H\*\*\*RGNGRGRRNEKLLFQCHHKCKR\*GEKRICTFV\*T\*YNTNG\*\*\*Y\*L\*VDKL\*HLSPYTGLSKNILRANSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KC\*HNTMHTWN\*ASGVDSTAVEWQSGRRRGSN\*I\*KYHGQC\*NHNSTLE\*ICRN\*LYKT\*QQYKKKYIYRTRESIFRNRRNNRRYKASTLQY\*\*STME\*NFDTGS\*QIKRTIWK\*NNNL\*SLLRRGPRNYNAQF\*LWRGIFLL\*YNKAVYKAV\*LE\*D\*RVK\*HCRK\*HWRK\*HHNPMQNKTNYKHVARSRKSNICPSHQWTN\*LYIKHYWAAINKRWWDRPGDRQY\*\*NLQTSRREYKR\*LEK\*II\*I\*SSKN\*TIRTSAHQGKEKSGAERKKSNGTRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQTAPGKSPGCGKIPTGPTAPGDLGLLWKTHLHH\*CALEC\*LEQ\*ITGYDLEQHDLDAVGRRN\*QLHRLNILPT\*RIANPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKDIHNDSRRLDRFKNSFYGTFYSK\*S\*AGXLTFIVSDPPPSQEGTRQARRNRRRRWRERQRQIRTI

>B.2006.JF689875.-

MEPVDPRLEPWKHPGSQPRTACTPCFCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSETHQVSLSKQ\*VVYVMQSVQILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLINRIRDRAEDSGNESDGDQEELSAMLEMGHLAPWDVNDL\*CCRRFVGHSLLWGTCMERSKNHSILCIRC\*SI\*Y\*ST\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLH\*LECYH\*\*\*QGKIKGKRNEKLLF\*CHPKHKR\*KAERICTFL\*T\*CNTNRRR\*Y\*L\*VNKL\*HLSPYTGLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHCTMYTWD\*ASGVNSTTVKWQPSRRRDSN\*I\*KFHG\*C\*KHNSTAE\*IYRN\*LYKTWQQYKKKYTYRTRESILCNRRNNRRYKAGTLYH\*WGRLE\*YFKTDS\*QIKRTKTI\*E\*NNKF\*FILRRGPRNCNAQF\*LWRGFFYCNTTQLFNSTWNENSTKEGNGNDTITTLPCRIKQIINMWQEVGKAMYAPPIRGNISCTSNITGLLLTRDGGNNETETFRPGGGNMKDNWRSELYKYKVVKIQPLGVAPTKAKRRVVQREKRAVGLGAVFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLQDQQLLGIWGCSGKLICTTTVPWNTSWSNKSLDKIWHNMTWMEWEREIDNYTDYIYILLEKSQNQQEKNEQELLELDKWASLWNWFDITHWLWYIKIFIMIVGGLVGLRIVFIVLSVVNRVRQGYSPLSFQTRLPTSRGPDRPEGTEEEGGERDRDRSSPL

>B.2006.JF689876.-

MEPVDPRLEPWQHPGSQPRTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQGSQTHQVPLSKQ\*VAHVMQSLQILAIVAVVVAAIIAIIVWSIVLIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDINDL\*C\*NKRQFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*STRGSIRKCNRKF\*HVEQQYGRTDE\*GYN\*FMGSKPKAMCKINPTLCHFKLH\*A\*SEECQ\*L\*RREGEGRNKKLLFQYHH\*HKR\*EAERICNI\*YT\*YNTSI\*\*\*Y\*L\*VDKL\*HLNHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTMYKC\*HSTMYTWN\*ASGINSTTVKWQSSRRRGSN\*IRQYLKQC\*NHNSTAEWNCRNDLYETQQQYEKKYKYGTRQSILCNRRHNRRYKTSTLYP\*\*NTLG\*HFKKNSYKIKRTIWE\*NNNL\*SFLRRGPRNYNAQFQL\*RGIFLLQYITTV\*\*YLEWY\*VK\*QWNK\*HNHTPM\*NKTNYKHVAESRKSNVCPSHQRKN\*V\*VKYYRAAINKRWWYKREQYQYQHRDLQAWRREYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGTRGCVPWVLGSSRKHYGRSVNNADGTGQTVIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKILKGSTAPGDLGLLWKAHLHHYCALEY\*LE\*\*ISGSDLAEHDLDAVGKGN\*KLHRLNIHPN\*RIAKPTRKE\*TRLIGIR\*MGKFMELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVPDPPPRPEGTRQARRNRRRRWRERQRQIQSI

>B.2007.JF689877.-

MEPVDPRLEPWKHPGSQPRTPCNNCYCKACCLHCQVCFTRKGLGISYGRKKRRQRRRASQDSQTYQAPLSKQ\*VLYVMQSLYILSIVALVVAALLAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNDSEGDQEELSALVEMGHDAPWDVNDL\*CCRKIVGYSLLWGTCVERCNYHSVLCIRC\*ST\*YRGT\*YLGHTCLCTHRP\*PTRSSIRECDRIF\*HVEK\*HGRADAGGYNQFMGSKSKTMCKVNPTLCHFKLH\*\*LE\*Y\*N\*YH\*CW\*KYL\*LYP\*C\*\*KRNKKLLFLCHHRRK\*\*EKERTCTFLYI\*HSTTG\*E\*\*K\*Y\*QQL\*VDKL\*NLKPYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*Q\*NI\*WKRTMQKCQHSTMHTWN\*ASSVNPTAAKWQSSRK\*DST\*I\*QFHKQC\*KHNSTTKDTCKHYL\*KAQ\*QYKKRYTYRTREGILCNRRNYRRYKASTL\*HF\*NKLE\*HFKRDS\*KIKEKI\*\*\*HNSL\*SFLGRGPRNSNAQF\*L\*RGIFLL\*YITIV\*YEFNTTV\*\*DLD\*\*H\*RKHHTPM\*DKTNCKPVAGSRKSNVCPSHQWTN\*M\*IKYYRADINKRWW\*\*DQWE\*DD\*DFQTWRR\*YEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQTAPGKSPGCGKIPTG\*TAPRNLGLLWKTHLHHCCALEY\*LE\*\*KSEYNLG\*HDLDGMGKRN\*KSHKHNIPLT\*RIAEPTRKE\*KRIIGIR\*VGRSVELVRYNKLAMVYKNVHNDSRRLDRFKNSFYCNFSSE\*S\*AGIFTIVISDPPPNLEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JF689879.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCYHCQVCFLTKGLGIFYGRKKRRQRRRAHQDSKTHQASLSKQ\*VVHVMTPLQIAAIAALVVAGIVAIVVWSIVIIEYRRILRQNRIDRLLDRIRERAEDSGNESEGDEEELSALVERGHLAPWNVDDL\*CCRTIVGHSLLWGTCMERSNHHSILCIRC\*SL\*HRDAQCLGYTCLCTYRPQPTRSRIEKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*CE\*QYYH\*\*F\*GQ\*\*\*\*YYYQ\*\*YSGGFRNDKLLFQCHHTRKKQCKEGICTVL\*T\*YNVNR\*\*QLCIDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*EEFQWVRAMQQCQHSTMYTWN\*ASSINSTVVKWQPSRRRYSN\*I\*KFLRQC\*KYNSTTECIHRN\*LYKTQQQYKKKDNYGTREGNLYNRRDNRKYKTSTL\*H\*SCKME\*HFKTDS\*QIKRTI\*K\*NNSF\*\*IHRRGPRDCKAQF\*LWRRIFLL\*YNKAV\*\*HLAG\*\*YLE\*Y\*KVK\*HSHNPM\*NKANCK\*VAGSRKSNVCPSHQWTN\*LFIKYYRNDINKRWWV\*\*WEQ\*YGGLQTWRRKYEG\*LEK\*II\*I\*SSRN\*AIRSSTYQGKEKSGAKRKKSSGNIRSYVPWVLGSSRKHYGRSVADADGTSQAIIVWYSATAEQSAKGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWXTHLHHYCALEH\*LE\*QIL\*NYLG\*HDLDAVGKRN\*QLHRLNIQLT\*RIAKPTRKE\*TRLISIRSMGKFVELVYHIKLAVVYKNIHNDSRRLDRFKNSFYCTFYNK\*S\*AGILTIVITDPPPNSEGTRQARRNXRRRWRQRQRQIQTI

>B.2007.JF689883.-

MEPVDPRLEPWKHPGSQPKTACTSCYCKKCCLHCQVCFMTKALGISYGRKKRGQRRRAPQNSESNQTPLPKQ\*VVYVMQPLHIAAIVALVVSAIIAIVVWTIVFIEYRKILRQRKIDRIINRIIERAEDSGNESEGDQEELSALVGVGHLEMGHLEMGHHAPWNVDDL\*CYKKFVGHGLLWGTCVERSNHHSVLCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKL\*HVEK\*HGRTDAGRYNQFMGSKLKAMCKINPTLCYFKLHRCEGECY\*YQ\*HRW\*\*HKHP\*HH\*NEKLLFQYHRNHRR\*GQKRICTFL\*P\*CSKSR\*\*\*C\*Y\*L\*VKKLQHLSHYPGLSKGIL\*ANSHTLLYTSWFCDSTMQQ\*DVQWIRTMYKCQHSTMYTWN\*ASSINSTAVEWQSIRRRGSN\*I\*KLHKQC\*NHNSTAK\*NCSN\*LYKTQQQYKEKYTHRTRGSILCNRSYNRKYKTSTL\*H\*WKGME\*NFT\*GSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*HLAC\*WE\*YKSRY\*HHTPM\*NKASYKHVAGSRKSNVCPSHRRTN\*MLIKYYRNTINKRWW\*QERDQ\*Y\*DLQACRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQG\*EKSGAERKKSSGNRSVVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGQSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*IYGGHLGQHDLDAVGKRN\*QLH\*RNIPLN\*RIANTARKK\*TRIIGIG\*MG\*FVELV\*HNKLAVVYKNIHNDNRRLGRFKNSFYCTFYSE\*S\*AGIFTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIQSL

>B.2007.JF689884.-

MEPVDPSLEPWKHPGSQPRTPCTPCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPPDSQTHQVSLSKQ\*VIHVMQPLGILAIVAIVVAVIIAIVVWSIVLIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSALVEMGNDVERGHHAPWDVNDL\*CRTIVGHSLLWGTCVERSKYYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTNA\*GYN\*XMGSKPKAMCKINPTLCYFRLH\*SNE\*CY\*YHGCYREGGNKKLLFQCHYKHKR\*DAESICNF\*\*T\*YSTNRR\*Q\*\*L\*VDKL\*XLSHYPGLSKGIL\*ANSHTSLCPGWFCDSKV\*\*\*EIQWNRTM\*KCQHSTMHTWN\*ASSINSTAVKWQSSRKRDSN\*VRQSHGQY\*NHNSTAK\*ICSNKLYKTQ\*QYKKEYTYRTRQSILCNRRHNRRYKTGTL\*S\*\*SRLE\*HFRKDSYKIKRXIQ\*NNSL\*SFLRRGPRNCNAQFKLWRGIFLL\*YNTXV\*\*YLALECYWVKCYXXK\*HNHNSMQNKTNXKXVAGSRKSNVCPSHPRTN\*MFIKYYRAXINKRWW\*YKXEQYHXDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*SATSPVATHSLGH\*AAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*NXXVYLG\*HDLDAVGKRN\*ELHRHNIQLN\*RIAKPTRKE\*T\*XIGIR\*MGKFVELVQHNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIVVPDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JF689885.-

MEPVDPSLEPWKHPGSQPKTPCNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VLHVMKPLVILSIVALVVAAIIVVVVWSIVLIEYRKILKQRKIDRLIERIAERAEDSGNESEGDQEELSALMEMGHHAPRGVDDL\*C\*REFVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGYSCLCTHRPQPTRTSIGKCDRRV\*HVEK\*HGRTDA\*GYN\*FMGSKFKAMCKINSTLCYFKLHQCDY\*YYC\*CYQ\*QCDY\*YCC\*CYQ\*Q\*C\*GTRKTRRNKKLLFQYHHRNKR\*DAKRICAFL\*A\*RSTNR\*\*\*\*\*L\*VGKL\*HLSHYTGLPKDIL\*TNSHTLLCPGWLCDS\*M\*Q\*DIQWVRTMYKCQYSTMYTWN\*ASSVNSTAAKWQPIRRRGND\*I\*KFLRQCTKHNSTAE\*NCKYYLRETQQQYKKKYTYRTRESILCNRKYNRKYKKSTLYP\*\*NRLE\*YFKTYS\*KVTRTVWE\*KQPILRRGPRNNNA\*FYLWRGIFLL\*YKRTV\*\*YLD\*QWD\*E\*E\*D\*E\*EWDYHTPM\*NKTNCKHVAGSRKSNVCPSHQGTN\*M\*IKYYRAAINKRWGYG\*\*\*\*HKHHRDL\*TCGRRHEG\*LEK\*II\*IQSSKS\*TIRNSTHQGKEKSGAERKKSINTRSDVPWVLRSSRKHYGRSVNNADGTCQAIIDWYSATAEQSAEGY\*GATPPVATHSLGHQAAPGKSPGCGKIPKGSTAPRGLGLLWKTHLHHYCALEY\*LE\*\*NSGADLGKHDLDAVGKRN\*QLHKLNIHLT\*GIANPTRNE\*TRLIEIGSVGKFVELV\*HNTMAVVYKNIHNDSRRPDRFKNNFYCTFYSE\*S\*AGVLTIIVPDPPPSSEGTRQARRNRRRRWRERQRQIRAL

>B.2007.JF689886.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKRCCFHCQVCFTKKGLGISYGRKKRRQRRRTPEDTQTHQSSLSKQ\*VVHVMLPLVVLSIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDREELSALVEMGHRAPWDIDDL\*CRSIVGHSLLWGTCVEGSNHHFILCIRC\*SIC\*RGT\*CLGHTCLCTHRSQPTRSGIEKCNRKF\*HVEK\*HGRSDA\*GYNQLMG\*EPKAMCKINPTLCYFKLH\*\*YHYGHC\*SRDDRRNKKLLFQYHHKQKR\*GAERICTLL\*P\*YTSNR\*\*\*\*\*LYNKKL\*YLSHYTGLSKGIL\*ANSHTLLYPGWFCTSKV\*\*\*EFQWNRTM\*KCQHSTMYTWN\*ASSINSTVVKWQSSRRRHNN\*I\*KFL\*QC\*NHNSTAE\*NYRN\*LYKTQQQYQKKYKYGSREGNLCSRTNNRKYKTSILYH\*WYKMEGYFKKDS\*KIRRTI\*E\*\*NNL\*EFLRRGPRNYNAHC\*LWRGIFLL\*FNTTV\*\*YLD\*I\*\*WNLG\*EEWH\*MGE\*YNHTPMQNKTNYKHVAGSRKSNVCPSHQGTN\*LYIKYYRDTANKRWWSG\*WYQ\*DLQTRRRRYKG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEGKKSNWNRSFVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLLH\*CALEY\*LE\*\*IFE\*NLG\*HDLDAVG\*RS\*QLHRFNIQPT\*KITDPTGKE\*TRIIRVRQMVKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSLCCAFYSE\*S\*AGILTIIVSDPPPRQEGTRQARRNRRRRWRERQRQIQSL

>B.2007.JF689887.-

MEPVDPRLEPWQHPGSQPKTXCNXCYCKKCCYHCQVCFITKGLGICYGRKKRRQRRRTPHSSQTHQTSLSKQ\*VIYVMYSSYIITIVAFVVAXIIAIIVWSIVFIEYRKILRQRRIDRLLDRIIERAEDSGNESEGDQEALMELGYDAPWNVNDL\*CCRKFMGHSLLWXTCVERSKHHFILCIRC\*SI\*GRGT\*CLGHTCLCTHRS\*PTGTRIGKCDRKV\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMC\*VNPTLCYFKLH\*CHPHQCHXHSQCXCQSQ\*\*XRGHEKLLFQYHHKQKR\*XTKNICNFL\*P\*SSISR\*\*\*G\*Y\*LYIDKL\*YLSHYTSLSKDNL\*XNSHTLLCPSWFCDYKV\*G\*ELQWNRTMYKC\*CSAMYTWN\*ASSINPTAVKWQSIRRRGSN\*IC\*FLGQC\*NHNSTAE\*NCKN\*LYKTQQQYKDRCSYGTRDILCNRRNNRRYKTSXL\*H\*\*XRXE\*NFRRGS\*EIX\*TI\*\*XNNNXL\*\*VLRRRPRNCNSQF\*LWRGIFLL\*YNKPV\*\*CLE\*EW\*YLEYY\*HIHH\*RKYHSLM\*NKTNYKYVAGSRKSNVCPSHCRXN\*MFIKYYRATTNKRWWWX\*EPX\*\*DF\*AWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSNVHWVLGSSRKHYGRSVIDADGTGQTIIVWYSATAKQLAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*VL\*\*DLG\*HDLDAVGKRN\*\*LHRLNIQLT\*NFAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIYNDSRRLDRFKNNFYCTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIRLV

>B.2007.JF689889.-

MEPVDPRLEPWQHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRPPQGNQNNQVSLPKQ\*VVHVMQPLQIAAIVALVIVTIIAIVVWSIVFIEYRKLLRQRKIDRLIDRLIERAEDSGNESDGDQEELSTLVDMGHHAPWDINDL\*YCRTIVGHNLLWGTCVERSNHHAILCIRCQSI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKTNPTLCYLKLHQSEWYCFRQ\*NSYH\*WQQSGRNEGRRNKKLLF\*YHHKRERQEGETICTFL\*T\*CSTNR\*YY\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWLCDSKV\*Q\*DVQWKRTMYKCKHRTMYTWN\*ASGINSTAVKWQPSRKRDSN\*VRQFHRQC\*DHNSTAE\*NCRN\*LYKAQQQYKKRYTYRTR\*CILYNRGNNRKYKTSILYREQSKME\*HFKGDK\*KIKRTI\*\*NNNF\*ALLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLG\*\*YLG\*\*WKVK\*HWKRLNRTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWWS\*HHQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKGGAKRKKSSGNRSYVPWVLGSSRKHYGRSVTNADGTGQTTIVWYSATAEQFTESY\*GATASVATHSLGSQAAPGKSPGCGKIPKGSAAPGNLGLLWKTHLHHCCALEY\*LE\*\*VFKSDLG\*HDLDGVGKRN\*\*LHKLNIHLN\*RIAKPTRKE\*TRIIRIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFYCXFHNK\*S\*AGILTIVVPDPPPSLAGTRQARRNRRRRWRERQRQIQSI

>B.2007.JF689890.-

MDPVDPSLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSETHQVSLSKQ\*VVHVMQSLHIVAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRILDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDINDL\*CCRRIVGHSLLWGTCVERSNHHSILCIRC\*NI\*YRGT\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*YVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCHLKLH\*QLEE\*Y\*YH\*Y\*YH\*\*\*RGNNRERRNKKLLFQYHHKLKR\*GAETICTFS\*T\*CSTNR\*\*\*\*\*Y\*LY\*L\*VDKL\*HLSPYTGLSKGNL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*QFHEQC\*NHNSTVE\*ICNN\*LYKTRQQYKKKYKYRTRQSILCNRRHNRRYKKSTLYP\*\*NRME\*HFKADSCKIKRSIWGE\*NNSL\*EILRRGPRNCNAQF\*LWRGIFLL\*YNKTV\*\*YLGG\*WNLA\*RVK\*H\*RK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MCIKYYRAAINKRWW\*\*QPD\*QQY\*DLQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRNSTQQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISESDLGEHDLDGVGKRN\*\*LHKLNIQLN\*KIAKPTRNE\*TRVIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIVVPDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JF689892.-

MDPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPHDSQTHQGSLSKQ\*VIHVMQPLVILAIVALVVSGIIAIVVWSIVFIEYRKILRQRRIDRITERAEDSGNKSDGDQEDLSALLEMGHLAPWDIDDL\*HRRFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKTMCKINPTLCYFKLH\*L\*WY\*Y\*YQ\*Y\*\*Y\*Q\*\*YRGNDGEARRNKKVLFQYHHKHKG\*DAERTGTFS\*A\*YNTNR\*\*\*\*E\*D\*Y\*I\*IDKL\*HLRSHTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRTM\*KCQHNTMYTWNQASSINSTAVKWQSSRRRGSN\*IRKFHKQC\*SHNSTSE\*ICRN\*LYKAQQQYKKKYKYRPRQSILYNRRNNRKYKTSTL\*PEQSKVE\*HLKTDSYKIKRTLWEWNNIL\*AILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLEYYWRGKLH\*RK\*YNHTPMQNKTNCKHVAGGRKGNVCPSYQRTN\*MLIKYYRTDLNKRWW\*Y\*\*WYHGEQD\*DL\*TWRRRYEGQLEK\*II\*I\*GSKN\*TIRNSTHQGKEKSGAKRKTSSGSRSSVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGN\*CATASVATHSLGH\*TAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*E\*IPGSDLG\*HDLDAVGKRN\*\*LHILHIQLN\*RIAKPTRKE\*TRLTSIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRHSRFKNSFYCNFYSE\*S\*AGILTIVVPDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2007.JF689893.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSKTHQASLSKQ\*VVHVMQSVQILAIVALVVAVIIAIVVWSIVFIEYRKILRQRKIDRIIDRIAERAEDSGNESEGDQEELSALVEMGHHAPVEMGHHAPWDINDL\*CYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHACLCAHRPQPTRSSIGKCDRKV\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKTNPTLCYFKLH\*LCEECYQ\*\*\*RGNEGERRNKKLLFQYHRRHKR\*GAERICTFL\*A\*YSTNRW\*\*\*Y\*L\*\*YC\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTVYTWN\*ASSINSTAVKWQSSRRRDRN\*ICQFHKQC\*NHNSTAERICSN\*LYKTQQQYKKKYTFRTRGSILYNRTNNRKYKTSTL\*R\*\*STME\*NFKTDS\*KIKRTIWTE\*NNSLQSIRRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEG\*\*YSE\*YWRRKYHTHTHMQNKTNYKHVADSRKSNVCPSYQRTN\*MFIKYYRAVINQRWW\*\*EREQHRDLQTCRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTQQGKEKSGAERKKNSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ILGEDLE\*HDLDGVG\*RN\*QLHKNNIQLN\*RIAKPTRKE\*TRIIGIR\*MDKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPCPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JF689894.-

MEPVDPRLEPWKHPGSQPRTACTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSKTHQVPLPEQ\*VVYVMKSLYILAIVALVVAVILAIIVWXIVLIEYRKILRQRKIDRIINRIIERSEDSGNESEGEQEELAALVEMGHPVERGHHAPWDVNDL\*C\*RRGXGHSLLWGSCVEGSKNHSILCIRC\*XI\*YRGTXCLGHTCLCTHRPRPTRSKLGKCNRKF\*YVEK\*YGRTXA\*GYN\*YMGSKSKAMCKINPTLCYFKLH\*SEEXYHKX\*QXRRGRNEKLLFQXHHKXER\*KXERICTFL\*T\*CSTNRRR\*Y\*L\*VXKL\*YLSPYTSLSKSNLYANSHTLLCPGWFCDSKV\*E\*GI\*WNRTMYKCQHSTMYTWN\*TSSINSTAIKWQSIRRRCSN\*VCQYHRQY\*KHNSTAQ\*NYSNELYKTQQQYKKKYTYRTRQFILCYRRYNRRYKKGTL\*PX\*NRMEYQFKTDSYKIKRTF\*\*NNSL\*SLLRRGPRSCNAQFKLWRGIFLL\*FITTV\*LNTSVK\*NWVKYH\*XK\*HNYHTPM\*NKTNYKHVAGSRKSNVCPSHQWTN\*MFIKYYRADIDKRWW\*\*\*\*DRDLQTWRRKHEGQLEK\*II\*I\*SSKD\*TIGTSTHQGKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVTDADGTGQAIIVWYSATAEQFAEGY\*GATAYVAAHSLGHQAAPGKSPGCGKIPEGSTAPGNLGLLWKTHLHHYCALESELE\*\*NYR\*HLAEHDLDAVGERN\*\*LHRHNIQIN\*SIAKPTGKE\*TRLIGIRYMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSXYGTFYSK\*S\*AGILTLIVPDPPPSSEGTRQARRNRRRRWRERQRQIKTI

>B.2008.JF689895.-

MEPVDPSLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFVTKGLGISYGRKKRRQRRRAPEDSQTHQVSLSKQ\*VVHVMHSLQILGIVALVVGVILAIVVWSIVLIEYRRILRQRKIDKIIDRIIERAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CCRRIVGHSLLWGTCVERSNHHFILCIRC\*SL\*YRGT\*CLGYTCLCTHRPQPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*CEWD\*YQYH\*\*WGRNDGERRNKKLLFQSHHKHKR\*GAEGICIIL\*T\*CNTNKQ\*\*\*\*L\*ADKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWLCDSKM\*RQEI\*WNRNMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*VQEFYKQC\*NYNSTAE\*ICND\*LHKT\*QQYKKRYPYRTRQSILCNRRHNRRHKTSTLYP\*\*NKME\*HFSTNSYKIKRTI\*E\*NNKL\*TLLRRGPRNYNAQF\*LWRGIFLL\*YNTTV\*\*YLE\*\*\*YLDW\*H\*RK\*HTHTPMQNKTNYKQVARSRKSNVCPSHQRTN\*LFIKYYRVAINKRWR\*\*\*QHE\*DFQTCRRRYEGQLEK\*II\*V\*SSKN\*TTRNSTYQGKEKSGAERKKSSGNRSCAPWVLRSSRKHYGRSVNDADGTSQAIIVWYSATAEQFAEGY\*GATASVATHSLGH\*ATPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LEQ\*VSGLYLE\*HDLDAMGERN\*\*LHRLNIQLN\*RIANPARKK\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNIFYCTCYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRAV

>B.2008.JF689896.-

MEPVDPRLEPWKHPGSQPRTPCTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDDQTHQVSLSKQ\*VVYVMQTLQIVAIVALVVAAIIAIVAWTIVLIEYRKILRQRKIDRLIKKIRERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*CYRKFVGYSLLWGTCVERNNHHSLLCLRC\*RI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*YGRTDA\*GYN\*FMGSKPKAMCTINPTLCYFKLH\*SEE\*\*\*YHEY\*\*ENCGGGRNKKLLFQYQHKNER\*EAERICTFL\*T\*YNTTRRK\*Y\*I\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*Q\*GVQWNRTM\*KCQHSTMYTWN\*TSSINSSAVKWQSSGR\*GSN\*ISQFHGQY\*NHNSTAE\*IYNNKLFKTQQQYKKKYTYRTR\*SILYNRRNNRRYKTSTL\*P\*\*NRME\*HFRKDSSKIKRTISE\*NNSL\*SLLRRGPRNCNVQF\*LWRGVLLL\*FNTTV\*\*YLEVK\*H\*RK\*HWVR\*H\*RK\*HNHTPMQNKTNCKHVAESRKSNVCPSHQRTN\*MFIKYYRAAINKRWG\*KQQWDRDLQTWRRRYEGQLEK\*II\*I\*SSKA\*TIRSSTHQGKEKSGAERKESNRNRSYVPWVLGSSRKHYGRSVDDAGGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*IYGSDLGEHDLDAVGKRN\*\*LHRHNIQLN\*SIAKPTR\*E\*TRIIGTR\*MGKFVELV\*HNKMAVVYKNIHNNSSKLGRFKNSFYGTFYSE\*S\*AGILTLIVPDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JF689897.-

MEPVDPRLXPWQHPGSQPRTACTNCYCKKCCYHCQACFITKALGISYGRKKRRQRRRASRDSQTHQASLSKQ\*VVHVMSPLQILAIVALVVTGIIAIXVWSIVLIEYRKILRQRKIDRLLERIAARAEDSGNESEGDHEELSALVEMGHDAPWDVDDL\*SRRKVGHSLLWGTCVERSRYHXILCLRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNAIECDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KLKAMCEINPTLCYFKLH\*CDX\*YYWEQXYYWEQ\*\*NYRTG\*WXKKLLFQCHHKXKR\*KGEEPCTF\*\*A\*CSTNR\*\*\*\*\*L\*VGKL\*YLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*R\*GIQWIRTM\*KCQHSTMYTWX\*TSSVNSAAVKWQPSRRGDSN\*I\*KLHRQC\*NLDSTTEGICKHYLCKTQQQYKKIYTYRTRESILWNRCNRGYKKSTL\*H\*\*KRME\*NFRTDSYKIRRTIKRTXRRQK\*NINNX\*TIIRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*Q\*LEAG\*\*Y\*\*LDXH\*FD\*K\*\*\*YYRREYHTPM\*NKTNYKHVAGSRKSNVCPSHRRENSMCIKHYRAAINKRWWSQYHPQ\*DLQTIRRXYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAKQLAESY\*GATTSVATHSLGHQAAPGESPGCRKIPKGSTAPGNLGMLWKTHLHHYCALE\*QLEX\*ISE\*DLG\*HDLDAVGKRN\*QLHK\*NICLN\*KIAEPARNK\*KRLIGIRQMGKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNSFYCXFYSE\*S\*AGIFTTIVSDPRPSPEGTRQARRNRRRRWRERQRQIQSI

>B.2007.JF932468.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQASLSKQ\*VVNVMQTLTILAIAALVVATIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSAFMEMGHHAPWVVDDL\*CCRKLVGHSLLWGTCMERSNYYFILCIRC\*SIWYRGT\*YLGHTCLCTHRPQPTRSSLGKCDRRL\*HVGK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCHFKLH\*C\*\*HQ\*Y\*\*YQ\*\*YQYYDRGRGNKKLLFQYHHKHKNYGERLCTFQ\*SGYRKNR\*YYQL\*IDKV\*HLSHYTSLSKDIL\*ANSYTLLCPSWFCDSKV\*Q\*NIQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRRRDSN\*I\*KFHK\*\*\*NHNSTAEGICRN\*LYKTQQQYKKKYISRTRASMVYNRRNNRRYKTSTL\*H\*WRKME\*HFNKDS\*KIK\*TI\*KQNNNL\*STFRRGPRDCNAQL\*LWRGIFLL\*YITTV\*WYLE\*\*WYLEWYCLEYYRK\*HYHAPLQNKTNCKHVAGSRESNIRPSH\*RTNQLFINYYRVTINKRWW\*ECEQHHRDLQTCRGRYERQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGNDRSYVPWVLRSSRKHYGRSVNNADGTGQTIVVWYSAAAEKFAECY\*GATTSVATHSLGHQAAPGKSLGCRKIPKGSTAPRALGLLWKTHLHHYCALEC\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLHTRDIHLN\*KIAEPTRKE\*TRTIGIG\*VGKFVELV\*HNTMAVVYQDIHNGSRRLGRFKNSFCCTFYSK\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWKAKQRQIREL

>B.2007.JF932469.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAHQGSQTHQDSLSKQ\*VVNVMQALTILAIVALVVATIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGHHAPWDVNDL\*CCRKPVGHSLLWGTCMERSNYHSVLCIRC\*SI\*YRGT\*HLGHTCLCTHRPQPTRSSLGKCDRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCHFKLH\*FECY\*WQ\*\*HQ\*YDRGRRNKKLLFQYYHKHKN\*GERLCTF\*\*T\*YNANN\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLYPGWFCDSKV\*Q\*NVQWNRTMYKCQYSTMHTWN\*ASSINSTAVKWQFSRRRSSN\*I\*QFHEQC\*GHNSTAE\*ICRN\*LYKTQQQYKEKYTSRTRESMVYNRTNNRRDKTSTL\*H\*\*NKMGENFKADN\*KIKRTVWEQNNNL\*SIFRRGPRDCNAQF\*LWRGIFLL\*YITTV\*LYLGSH\*YLE\*YCRK\*QYHAPLQNKTNCKYVAGSRESNVCPPH\*RTN\*MFIKYYRVAINKRWW\*YYERDRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAEGY\*GATAAVATHSLGHQAAPGKSLGCGKIPEGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHKRNIHLN\*GIAEPTGKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYQNIHNDSRRLGRFKNSFCCAFYSK\*S\*AGILTIVIADPLPNPEGTRQARRNRRRRWRARQRQIRDI

>B.2007.JF932470.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRASQGNQTHQDSLSKQ\*VVNVMQSLTILAIVALVVAAIIAIVVWTIVLIEYRKLLRQKKIDRLIDRIRERAEDSGNESDGDQEELSAFLEMGHDAPWNVNDL\*CYKKLVGHSLLWGTCMERSNYHSILCIRC\*SI\*DRGT\*YLGHTCLCTHRPRPTRNILGKCDRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCYVKLH\*FEYY\*YQ\*YYQ\*\*QQ\*SDRGRRNEKLLFQYHHKHKN\*GKRLCTFL\*I\*CSKNR\*\*K\*\*YQLQVDKL\*HLSHYTSLSKDIL\*ANSHTLLYSGWFCNYKV\*R\*NVQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFGRRRGGN\*IQQFLGQY\*SHNSTAESICSN\*LYKTQQQYKKKYKYRTRESMVYNRTNNRRYKTSTL\*P\*\*NRMG\*HFKTDSWKVKKTIWEQNNNL\*SICRRGPRD\*KAQF\*LWRGIFLL\*YNKIV\*\*YLE\*Y\*Y\*ECYYRK\*HYRTPLQNKTNCKHVAGSRESNVCPSH\*RTN\*MFIKHYRIAINKRWW\*\*\*RQHHRDLQTWRRKYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTTVVWYSATAEKFAEGY\*GATASVATHSLGHQAAPGKSLGCGKIPKGSTAPRDLGLLWKTHLPHCCALEY\*LE\*\*NSR\*DLE\*LDLEGVGKRN\*QLHK\*NIHLN\*KIAEPTRKE\*TRTIGIG\*MGKFVELV\*HNTMAVVYQNIHNDSRRLDRFKNNFCCTFYSE\*S\*AGVLTIVITDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2007.JF932471.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKACCLHCQVCFMQKGLGISYGRKKRRQRRRARQDSQTHQASLSKQ\*VVNVMPALTIVAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFMEMGHHAPWDVDDL\*CDRKIVGHSLLWGTCMERSNYHSILCIRC\*STCYRGT\*YLGHTCLCTHRPQPTRSSLGKCDRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCNINPTLCYFTLHQCDCY\*YR\*YYQE\*TYQK\*YYQQCDRGRRNEKLLFQYHHKHRN\*GGRLCSFL\*T\*YRTNE\*\*Y\*YYQL\*VDKL\*YLSH\*TSLSKDIL\*ANSHTLLCPGWVCDSKV\*Q\*NVQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRKRGSNQI\*QFHGQY\*NHNSTAEGTCGNYL\*KNQQQYKKKYTSRTRASMVYNRTSNRKYKTSKL\*P\*YSRLE\*HSRAGS\*KIKRTI\*EQNNSL\*SIFRRGPRDCNAHF\*LWRGIFLL\*YSKTI\*\*YLAC\*\*YLDW\*\*YYRK\*QYHAPLQNKTIYKQVAGSRESNVCPSH\*RTH\*MPIKDHRVAINKRWW\*GDQYHRH\*DL\*TWRRRYERQLEK\*II\*I\*SSKN\*TIRGSTHQGKEKSGAERKKSSGNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEKSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGPTAPRDLGLLWKTHLPHCCALEC\*LE\*\*ISE\*DLE\*HDLDAVGKRN\*QLHKRNIHLN\*RIAEPTRKE\*TRTIGIG\*VGKFVELV\*HNKMAVVYQNIHNDSRRLSRFKNSFCYTFSSK\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRARQRQIQEI

>B.2007.JF932472.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRRAPQGSQTHQASLSEQ\*VINVMQALTILAIVGLVVATIIAIVVWTIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCRKIVGHSLLWGTCMERSNYYSILCIRC\*SI\*YRGA\*YLGHTCLCTHRPQPTRSSLGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKHKAMCKINPTLCYFKLH\*FGEY\*\*YQ\*\*YQ\*CDRGRRNKKLFFQYHHKHKN\*GERLCIFL\*T\*YSTNR\*YQL\*VDKL\*HLSHYTGLSKGIF\*ANSYTLLCSGWFCDSKM\*Q\*NVQWNRTMYKCQYSAMYTWN\*ASSINSTAVKWQFSRRRGNN\*I\*QFHEQC\*SHNSTAE\*SCKN\*LYKTQQQYKKKYTSRIRESMVYNRTNNRKYKTSTL\*P\*\*TNME\*HFTTDN\*KIKRTIWEQNNSL\*SIFRRGPRDCNAQF\*LWRGIFLL\*YSTTV\*\*YLDRK\*Y\*HLE\*YYRK\*HYHTPLQNKTNYKHVAGSRESNVCPSHCRTN\*MFIKYYRVAINKRWW\*S\*EQH\*DLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLPHCCALEC\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLHKRNIHLN\*RIAEPTRKE\*TRVVGIG\*VGKFVELV\*HNEMAVVYQNIHNGSRRLDRLKNNFCCTFYRI\*S\*AGILTIVITDPFPSPEGTRQARRNRRRRWRARQRQIREI

>B.2007.JF932473.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCLHCQVCFLKKGLGISYGRKKRRQRRRTPQGSQNNQDSLSKQ\*VVNVMPALIIFSIVALVVVAIIAIVVWTLVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*C\*KLVGHSLLWGTCMERSNYHSILCIRC\*SI\*YRGA\*YLGHTCLCTHRPQPTRSSLGKCDRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCYLKLY\*FEYY\*DQ\*\*Y\*\*YNRGRRNEKLLFQCHHKHKN\*GERLCTFL\*P\*SSTNR\*\*\*GK\*YQL\*VDKL\*HHSHYTSLSKDIL\*ANSHTLLCPGWFCDSKV\*Q\*NVQWNRTMYKCQYSTMYTWN\*ASGINSTAVKWQSSRRRDSN\*I\*QFHRQC\*NHNSTAE\*ICRN\*LYKTQQQYKKKYISRTRKSMVYNRTNNRRYKTSTL\*P\*\*YRME\*HFTADNWKIKRTIWEQNNNL\*SIFRRGPRDCDAQF\*LWRGIFLL\*YITTV\*\*YLE\*\*\*YQYLE\*YYRK\*HYHASLQNKTNCKYVAGSRESNVCPSHCRTN\*MFIKYYRVAINKRWW\*\*WERH\*DLQTWRRRHERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAEGY\*GATAYVATHSLGHQTAPGKSLGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGRDLE\*HDLDGVGKRN\*QLHKRNIHLN\*RIAEPTRKE\*TRTIGIG\*VGKFVELV\*HIKLAVVYQNIHNDSRRFGRFKNNFCCTFYSK\*S\*AGILTVVITDPLPSPEGTRQARRNRRRRWRARQRQIRAL

>B.2007.JF932474.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSQTHQASLSEQ\*VVNVMQALIILSIVALVVVAIIAIVVWTIVFIEYKKLRRQRKIDQLIERIRERAEDSGNESDGDQEELSAIMEMGHLVPWDVDDL\*CCRKLVGHSLLWGTCMERSKYHLILCIRC\*SI\*YRGT\*YLGHTCLCTHRPQPTRSSLGKCDRKL\*HVEQ\*HGRTDA\*RYNQFMGSKSKAMCKINPTLCYSKLH\*LFGEY\*YYQ\*\*Y\*Y\*\*YQKY\*Q\*Y\*\*CQ\*\*YQ\*YDKERRNKRMLFQYHHKHKR\*EGERLCTFL\*T\*SSTIK\*\*Y\*YQYQL\*EL\*VNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*NIQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQLSRRKDSN\*I\*QFHEQC\*SHNSTAERICTN\*LYKT\*QQYKKKYISRTRASMVYNRTNNRRYKTSTL\*P\*\*NSME\*HFKTDSSKIKRTIWEQQNNRL\*AIFRRGPRNCNAQF\*L\*RGIFLL\*YITTV\*\*YLALE\*\*Y\*CLG\*YYRK\*HYHAPLQNKTNYKHVAGSRESNVCPSHSRTT\*LFIKYYRVAINKRWWLS\*\*EQ\*HRDLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGSDRSYVPWVLGSSRKHYGRSVNNADGTGQTTVVWYSATAEKFAEGY\*GATASVATHSLGH\*AAPGKSLGCGKIPKGSTAPRDLGLLWKTHLPHCCALE\*\*LE\*\*IFG\*DLE\*HDLDGVGKRNCQLHRTYIHLN\*RIAEPTRKE\*TRTIGIG\*VGKFVELV\*HFKMAVVYQNIHNDSRRLGRVKNSFCCTFYSK\*S\*AGILTLVIADPLPNPEGTRQARRNRRRRWRARQRQIREI

>B.2007.JF932475.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPQDSKNHQAPLPKQ\*VVNVMQALTIASIVALVVVTIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSAILEMGHLAPWDIDDL\*CCRKLVGHSLLWGTCMERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSLGKCDRKL\*HVEK\*HGRTNA\*RYNQFMGSKPKAMCKINPTLCYFKLH\*FECY\*\*YY\*YQ\*\*YH\*YDRGRRNKKLLFQYHHKHKNYGERLCIFL\*T\*CSTNR\*G\*E\*\*YQL\*VETL\*HFSHYTSLSKGIL\*ANSHTLLCSGWFCDSKM\*Q\*NV\*WNRTMYKCQYSTMYTWN\*ASSINSTAVKW\*FSRRRGSN\*I\*QFLEQC\*SHNSTAK\*ICRN\*VYKTQQQYKKKYTARTRASMVYNRTNNRKYKKSIL\*H\*WNKME\*HLKTDS\*KTKRTIWEQNNKL\*SIFRRGPRDCNAQF\*LWRGIFLL\*YITTV\*\*YLVW\*\*YLE\*YYKR\*QYHAPLQNKTSCKHVAGSRESNVCPSHCRTN\*MYIKHYRVATNKRWG\*\*\*ERGHRDLQTWRRRYERQLEK\*II\*I\*SSEN\*TIRSSTHQGTEKSGAERKKGSGNDRSYVPWVLGSSRKHYGRSVNDADGTGQTTVVWYSATAEKFADGY\*GATASVATHSLGHQAAPGKSLGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IYG\*DLD\*HDLDGVGKRN\*KLHKRNIHLN\*KIAEPTGKE\*TRTIGIG\*VGKLVELV\*HNKLAVVYQNIHNDSRRLGRFKNSLCCTFYSK\*S\*AGIFTIVVADPLPNPEGTRQARRNRRRRWRERQRQIRQL

>B.2007.JF932476.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKHCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVNVMQALAILAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALMEMGHHAPGDVDDL\*CCRKVVGHSLLWGTCMERSNYHSILCIRC\*SI\*DRGT\*YLGHTCLCTHKPQPTRSSHGKCDRKL\*HVEK\*HGRTDA\*RYNQFMGSKSKAMCKINPTLCYFKLH\*FEEYY\*YQ\*\*YQYYQY\*\*YQYYNRGRRHKKLLFQYHHQHRK\*GERLCTFL\*T\*CSTNR\*WYYQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*NVQRNRTMYKCQYSAMYTWN\*ASSINSTAVKWQFSRRRSND\*I\*QFHEQC\*SYNSTAEGIYSN\*LYKTQQQYKKKGISGTRASMVYNRTNSRRYKTSTL\*P\*WHRME\*RFKTDS\*KIKRTI\*QNNNF\*AILRRGPRDCNAQF\*LWRGILLL\*YIKTV\*\*YLG\*D\*\*\*YSK\*\*\*\*YNHAPLQNKTTYKHVAGSRESNVCPSH\*RTN\*LFITYYGIAINKRWWY\*\*EQHHRDLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSVRSYVPWVLGSSRKHDGRSVNSADGTGQTIIVWYSAAAEKFAEGY\*GATAYVATHSLGHQAAPGKSLGCGKIPKGSTAPRALGMLWKTHLHHCCALEF\*LE\*\*ISA\*DLG\*HDLDGVGKRN\*QLHKRNIHLN\*RIAEPTRKE\*TRIIRIG\*MGKFVELV\*HNKMAVVYQNIHNDSRRLGRFKNSFCCTFYSK\*G\*AGILTIVITDPPPNPEGTRQARRNRRRRWRARQKQIREL

>B.2007.JF932477.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMQKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVNVMQVLTILAIVALVVVAIIAIVVWTIVLLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQAELSAFMEMGHHAPWDVDDL\*CCRKIVGHSLLWGTCMERSKYHFILCIRC\*GICYRGT\*YLGHTCLCTHRPHPTRSSLGKCDRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCYFKLH\*LFGEYYQ\*\*\*QQYSRGRRNKKLLFQYHYKYKN\*GKRLCTFL\*I\*CSTNR\*\*WYQI\*VDRV\*HLSHYTSLSKGIF\*ANSHTLLYPGWFCASKV\*Q\*NIQWNRTMYKCQYSAMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*QFLEQC\*SHNSTAE\*NCRN\*LYKTQ\*QYKKKYTPRTRESMVYNRRNNRRYKTSTL\*P\*\*YKME\*HFKTDN\*KIKRTIWKQQNHNL\*GTCRRGPRDCNAQF\*LWRGIFLL\*YITTV\*\*YLGW\*\*Y\*YLD\*RYRKSHYHTPLQNKTNCKHVAGSRESNVCPSH\*RTN\*MFIKYYRADINKRWW\*\*\*EHDQQRDL\*TCRRKYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIDVWYSATAEKFAEGY\*GATAYVATHSLGHQAAPGKSLGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISK\*DLG\*HDLDGVGKAN\*KLHKRNIHIN\*RIAEPTRKE\*TRPIRIG\*VGQFVELV\*HNKMAVVYQNIHNDSRRLDRFKNSFCCTFYSK\*S\*AGILTIVITDPLPNPEGTRQARRNRRRRWRARQRQIREI

>B.2008.JF932478.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRAPQDSQAHQASLPKQ\*VVNVMQALIICSIVALVVVAIIAIVVWTIALIEYRKLLRQKRINRLIDRIRERAEDSGNESDGDQEELSAIMEMGHLAPWDVDDL\*CCRKIMGHSLLWGTCMERSNYHSILCIRC\*SI\*YRGT\*YLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCYFRLH\*CY\*YQ\*Y\*CQF\*CQ\*YDRNEKLLFQYYHKHRN\*DERLCTFL\*T\*CSTNK\*YY\*\*NKEY\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLYSSWFCDYKV\*Q\*NVQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRRKGSN\*I\*QFHEQC\*SHNSTAE\*ICTN\*LYKTQQQYKKKYTSRTRASMVCNRTNNRKYKRRTL\*P\*\*NTME\*HFRTDN\*KIKRTIWEQQNNNL\*AIFRRGPRNCNAQF\*LWRGIFLL\*YITTV\*\*YL\*WYLGRYYRK\*HYHAPLQNKTNYKHVAGSRESNVCPSH\*RTN\*MFIKYYRVTINKRWWY\*\*DQYQRDLQTWRRRYERQLEK\*II\*I\*SSTN\*TIRSSTHQGKKESGAERKKSSGNNRSYVPWVLGSSRKHNGRSVNNADGTGQTIVVWHSATAEKFAEGY\*GATASVATHSLGHQAAPGKSLGCGKIPKGSTAPRDLGLLWKAHLHHCCALEY\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHKRNIQLN\*TIAEPTRKE\*TRTIGIG\*VGKFVELV\*HNTMAVVYQNIHNDSRRLDRFKNSFCCTFYSK\*S\*AGILTIVIADPLPNPEGTRQARRNRRRRWRARQRQIREI

>B.2008.JF932479.-

MDPVDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMKKGLGISYGRKKRRQRRRSPQGSEAHQVSLSKQ\*VVNVMQTLTILSIVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSAFLEMGHHAPWNVDDL\*CYRKLVGYSLLWGTCMERSNYHSILCIRC\*SI\*YRGT\*YLGHTCLCTHRPQPTRSSFGKCNRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCYFKLH\*LFGK\*YQE\*YQ\*YARGRRNEKLLF\*YHHKHRN\*GDRLCNF\*\*T\*YNTNRGE\*\*QL\*VDKL\*HLSFYASLSKGIL\*TNSYTLLYPGWLCDSKV\*Q\*NVQWKRTMYKCQYSTMYTWN\*ASSINSTAIKWQFSRRRGSN\*I\*QFHKQC\*SHNSTAE\*ICSN\*LYKTQQQYKKKYTSGTRTSIVHVRRNSRKHKTSPL\*H\*WNKME\*HFKTDNWKIKRTIWKQNNHF\*STCRRGPRDCNAQF\*LWRGIFLL\*YITTV\*\*C\*WYLEWYWYRK\*HYHAPLQNKTNCKHVAGSRESNVCPSH\*WTN\*MFIKYYRVAINKRWW\*\*WEQHHRDLQTRRRRYERQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKESSGNNRSYVPWVLGSSRKHYGRSIDNADGTGQTIVVWYSATAKKFAEGY\*GATAHVATHSLGHQAAPGKSLGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*KSESDLG\*HDLDGVGKRN\*QLHKRDIHLN\*RIAEPTRKK\*TRTIGIG\*VGKFVELV\*HNKMAVVY\*NIHNDSRRLGRFKNSFCCTFYNK\*S\*AGLLTIVISDPFPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JF932480.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRDPQDSQTNQASLPKQ\*VVNVMQALVISAIVALVIVTIIAIVVWTLVLIEYRKILRQRRVDRLIDRIRERAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERCNYHSILCIRC\*SI\*YRGT\*YLGHTCLCTHRPQPTRSSLGKCDRTL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCYLKLH\*FEEYY\*\*YQ\*\*CQ\*YDRGKRNEKLLFQYHHKHKN\*GE\*LCTFL\*I\*YRINR\*\*YYQL\*VNKV\*HLSHYTSLSKGIL\*ANSHTLLYPGWFCDSKV\*Q\*NVQWNRTMHKCQYSTMYTWD\*ASSINSTAVEWQFSRRRGSN\*I\*QFHEQC\*SHNSTAE\*ICRN\*LYKTQQQYKEKYTSRTRESMVYNRTNNRGYKTSTL\*H\*WITME\*NVNTDN\*KIKRTI\*EQKNNL\*ATFRRGPRDCNAPF\*LWRRIFLL\*YITTV\*\*FLAC\*\*Y\*E\*HR\*DHTSL\*NKTNCKHMAGSRESNICPSH\*RTN\*LFIKDYRVTINKRWWWW\*KCE\*EQHRDLQTWRGRYERQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAKRKKSSGNDRSYVPWVLGNSRKHYGRSVNDADGTGQTIVVWYGATAEKFAEGY\*GATASVATHSLGHQAAPGKSLGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLHKRNIHLN\*RIAEPTRKE\*TRTIGIG\*VGKLVELV\*HNSMAVVYQNIHNDSRRLDRFKNSFCCTFHNK\*S\*AGILTIVITDPPPNPEGTRQARRNRRRRWRARQRQIREF

>B.2008.JF932481.-

MEPVDPSLEPWKHPGSQPKTACNNCFCKKCSFHCQVCFMKKGLGISYGRKKRRQRRRAHQGSQTHQVSLSKQ\*VVNVMQTLTILAIVALVVAAIAAIVVWTIVYIEYRKLKRQKKIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCKRLVGHSLLWGTCMERSNYHSILCIRC\*SI\*YRGT\*YLGHTCLCTHRPQPTRSSLGKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCCFKLH\*FGKYY\*YQE\*YQ\*YDRGRRNKKLLFQYHHKHKN\*GKRLCTFLYT\*CSINR\*YQL\*VDTL\*HLSHYTSLSKSIL\*ANSYTLLCPGWFCDSKV\*Q\*NVQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*QFHRQC\*NHNSTAEYTSRTRASMVYNRTNNRRYKTSTL\*H\*\*NKME\*HFETDD\*KLKRTI\*EHNNNL\*\*IFRRGPRD\*KTQF\*LWRGIFLL\*YITTV\*\*YLDLE\*Y\*YLEWYCRR\*HYHAPLQNKTNCKHVAGSRESNVCPSHSRTN\*MFIKYYRVAINKRWW\*\*EQQDHRDLQTWRRRYERQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSAAAEKSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALE\*\*LE\*\*ISE\*HLE\*HDLDGVGKRNWQLHKRNIHLN\*RIAEPTGKE\*TRTIGIG\*VGKFMELV\*HIKLAVVYQNIHNDSRRLGRFKNSFCCTFYSK\*S\*AGVLTIVITDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2006.JF932482.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCSFHCQVCFMKKALGISYGRKKRRQRRRAHQGSQTHQDSLSKQ\*VVNVMQALTILAIAALVVAAIIAIVVWTIVILEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFMEMGHHAPWNVDDL\*CCRKLVGHSLLWGTCVERSNYHSILCIRC\*NLFYRGT\*CLGHTCLCAHRPQPTRSSLGKCDREL\*HVEK\*HGGTDA\*RYNQFMGSKLKAMCKINPTLCDVTLF\*FDN\*CQQ\*\*H\*CQL\*YQ\*SDRGRRNKKLLFQLYHKHKN\*GKRPCTFL\*S\*CRTNRWHPL\*VETL\*HLSHYTSLSKDIL\*ANSYTLLYPGWFCASKV\*Q\*NIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*QFHR\*C\*SHNSTAEEPCKD\*LYKTQQQYKKKYTSRTRASMVYNRTNNRRYKTSTL\*P\*WNTME\*HFNTDNRKIKRTIWEQNNNL\*SIFRRGPRDCNAQF\*LWRGIFLL\*YITTV\*\*YLGFKWY\*YLDRKWHYHAPLQNKTDCKHVAGSRESNVCPSH\*RTN\*LFIKYYRVAINKRWW\*K\*EQYHRDLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFADGY\*GATASVATHSLGHQAAPGKSLGCGEIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLE\*HDLDGVGKRN\*KLHKRNIHLN\*RIAEPARKE\*TRTIGIG\*VGKFVELV\*HIKLAVVYQNIHNDSRRLGRFKNSFCCTFYSK\*S\*AGILTIVISDPLPNPEGTRKARRNRRRRWRARQRQIREI

>B.2007.JF932483.-

MEPVDPRLEPWRHPGSQPKTACTKCYCKKCCFHCQVCFLKKGLGISYGRKKRRQRRRSPQGSQTNQDSLSKQ\*VVNVMQALIIWSIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALMEMGHDAPWDVNDL\*CCRKLVGHSLLWGTCMERSNYHSILCIRC\*SIFYRGT\*YLGYTCLCTHRPQPTRSSLGKCDRKL\*HVEK\*HGRTDAGRYNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*YQ\*\*YQ\*YYQ\*YNTGRRNKKLLFQYHHKHKY\*GERLCTFL\*T\*CRTNGRG\*YQL\*VDKL\*HLSH\*TSLSKGIL\*ANSHTLLCPGWFCNSKV\*Q\*NIQWNRTMYKCQYSTMYTWN\*ASSINSTAAKWQFSRRRGSN\*I\*QFQ\*Q\*EKHNSTAEGLCRN\*LYKTQQQYKKKYTSRTRASMVCNRTNNRRHKTSTL\*H\*WHKME\*HFKTGN\*KIKRTIWEQNNNL\*SILRGGPRDYNAQF\*LWRGIFLL\*YIKTV\*\*YYCLE\*YRTRTV\*RY\*Y\*E\*YYHTPLQNKTSCKYVAGSRESNVCPSH\*WTN\*MFIKYYRDDINKRWW\*CDQQQD\*GLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKKKSSGNKRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEKFAEGY\*GATASVATHSLGHQAAPGKSLGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISE\*NLE\*HDLDGVGKRN\*QLHKRNIHLN\*KFAEPARKE\*TRPIRIG\*MGKFVELV\*HNKVAVVYQNIHNDSRRLGRFKNSFCCIFYSK\*S\*AGILTIVITDPLPSPEGTRQARRNRRRRWRERQRQIRAI

>B.2007.JF932484.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRASQDSQTHQDSLSKQ\*VVNVMIPLTILTIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSEFLEMGHLVPWDVDDL\*CCRKFVGHSLLWGTCMERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRPQPTRSSLGKCDRKL\*HVEK\*HGRTDA\*GYNQPMGSKPKAMCKINPTLCYFKLY\*FEYYYY\*YH\*NYQ\*SDSGRRNEKLLFQCHHKHTDQGERLCTFL\*S\*YSTNKG\*\*\*\*\*\*\*HL\*VDEL\*HLNHYTILSKNIL\*ANSHTLLCPGWFCDSKV\*Q\*NIQWKRTMHKCQYSTMYTWN\*ASSINSIAVKWQFSRKRGSNQI\*QFHRQC\*SHNSTAE\*ICRN\*LYKAQQQYKKKYKYRTRESMVCNRRNNRKYKTSIL\*H\*\*SKME\*HFKKDRSKIKRTIWE\*NNNLYSLFRRGPRDCNAQF\*LWRGVFLL\*YLTTV\*\*YLVC\*\*DLEG\*YRK\*HYHTPLQNKTNCKHVAGSRKSNVCPSH\*RTN\*MFIKYYRVVINKRWW\*WEQDQQH\*DLQTGRRRHERQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGNDRSYVPWVLGSSRKHYGRSVNTADGTGQTIVVWYSATAEKFAEGY\*GATAYVATHSLGH\*AAPGKSLGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ILQSDLG\*HDLDGVGKRNWQLHKRNIHLN\*RIAEPTRKE\*TRTIGIG\*VGKFVELV\*HNKMAVVYQNIHNGSSRLSRFKNNFCCIFYSK\*S\*AGIFTIVISDPPPNPEGTRKARRNRRRRWRARQRQIREI

>B.2007.JF932485.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMKKALGISYGRKKRRKRRRAPQDSQTYQASLSKQ\*VVNVMQVLNILVIVAFVVVTIIAIAVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSEFMEMGRLAPWDVDDL\*YCRKIVGNCLLWGTCMERSNYHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSLGKCNRKL\*RVEK\*HGRTDA\*RYN\*FMGPKPKAMCKINPTLCYFKLLRCEKY\*\*YQ\*\*YQ\*YNRGRRNKKLLFQYHHKHKY\*GERLCIFL\*T\*CSTNK\*\*\*CQL\*VDKL\*HLSHYTSLSKGILRANSHTLLYPGWFCDSKV\*Q\*NIQWNRTMYKCQYSTMYTWN\*ASSINSIAVKWQFSRRRGSN\*I\*QFHGQC\*NHNSTAE\*ICRN\*LYKTQQQYKKKYTSRTRASMVYNRTNNRRYKTSTL\*H\*\*RKME\*HFRTGSKKIRRTIWEQNNSLYSIFRRRPRDCNAQF\*LWGRIFLL\*YITTV\*\*YLA\*\*GYLE\*YSE\*YCRK\*HYHAPLQNKTNCKHVAGSRKSNVCPSH\*RTN\*MFIKYYRVAINKRWW\*\*\*EQDHQRDRDLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAEGY\*GATTSVATHSLGHQAAPGKSLGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LEQ\*ISE\*DLE\*HDLDGVGKRN\*QLHKRNIQLN\*RIAEPTRKE\*TRTIGIG\*VGKLVELV\*HNTMAVVYQNIHNDSRRLGRFKNSFCCTFYSK\*S\*AGILTIVIADPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2007.JF932486.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCLHCLVCFIKKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVNVMQTLVILAIVALVVVAIIAIVVWTIVFIEYKKLRRQRKIDRLIERIRERAEDSGNESDGDQEELSAFMEMGHLVHLVPGDADDL\*CYRKIMGHSLLWGTCMERSKYHFILCIRC\*SI\*GRGT\*CLGHTCLCTHRPQPTRSSLGKCDRKL\*HVEK\*HGRTNA\*RYNQFMGAKPKTMCRINPTLCYFKLH\*LYFKLH\*F\*LYFKLH\*FGECY\*\*QW\*YRTKKLLFRHHHKHRN\*EEGPCTF\*\*T\*YSTNE\*W\*YQQL\*VDKL\*HLSHYTGLSKGFL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRRRDSN\*I\*QFLGKC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYIYGTRASSVCNRTNNRRYKTSTL\*H\*\*KTME\*HFRTDI\*KIKRNIQQNNNL\*SLFRRGPRDCNA\*C\*LWRGIFLL\*HITTV\*\*FLE\*\*Y\*YLE\*DRR\*\*YHAPLQNKTNYKHVAESRESNVCPSY\*RTN\*MFIKYYRVAINKRWW\*GEQDQRDLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAEGY\*GATASVATHSLGHQAAPGKSLGCGKIPKGSTAPRDLGLLWKTHLPHCCALEC\*LE\*\*IPE\*DLE\*YDLDGVGKRN\*QLHKRNIHLN\*RIAEPTRKE\*TRSIGIG\*VGKFVELV\*HIKLAVVYQDIHNDSRRLDRFKNSFCCTFYSK\*S\*AGILTIVVADPLPNPEGTRKARRNRRRRWRARQRQIREI

>B.2007.JF932487.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMQKGLGISYGRKKRRQRRRAPQDSQAHQASLSKQ\*VVNVMQALTILAIVALVVAAIITIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGHLAPWDVDDL\*CCRKLVGHSLLWGTCMERSNYHSILCIRC\*SI\*NRGT\*YLGHTCLCTHRPQPTRSIIGKCDRKF\*HVEK\*HGRANA\*RYNQFMGSKLKAMCKINPTLC\*FNLH\*VEYY\*YQ\*\*YQWYQ\*YYQ\*YYQ\*SQ\*YCQ\*YNRGRRYKKLLFQYHHKHKN\*GERLCIFF\*P\*YSTNK\*W\*YQQ\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSYTLLYPGWFCDSKV\*R\*KVQWNRTM\*KCQYSTMYTWN\*ASSINSTAVKWQFGRRRGSN\*I\*QFLEQC\*SHNSTAE\*ICRN\*LYKTQQQYKKKYTSRTRASMVYNRTNNRKYKTSTL\*H\*\*YKME\*NFRTDN\*KIKRTIWEQNNNL\*CILRRGPRDCNAQF\*LWRGIFLL\*YIKTV\*QYLAC\*WYLD\*\*YSR\*QYHAPL\*NKTNCKHVARSRESNVCPSHCRKN\*MFIKYYRVAINKRWG\*YWEH\*QRDLQTWRRRYERQLEK\*II\*I\*SS\*N\*ANRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKLYGRSVNNADGTGQTIVVWYSATAEKFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPRGSTAPRDLGLLWKTHLHHCCTLEY\*LE\*\*ESE\*DLG\*Q\*HDLDEVGKRN\*ELHKRNIHLN\*RITEPTRKE\*TRTIRIG\*VGKLVELV\*HNKLAVVYQNIHNDSRRLGRFKNSFCCTFYSK\*S\*AGILTIVISDPLPNPEGTRQARRNRRRRWRARQRQIREI

>B.2007.JF932488.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAHQDSQTHQASLSKQ\*VVNVMQALTIFSIVALVVVAIIAIVVWTIVFLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGRLAPWNVDDL\*GCRKLVGHSLLWGTCMERSNYHSVLCIRC\*SI\*HRGT\*CLGHTCLCTHRPHPTRSNLGKCDRKL\*HVEK\*HGRTNA\*RYNQFMGSKPKAMCKIDPTLCYFKLH\*YYCCQ\*YQ\*YDRGRRNEKLLFQYHHKHRK\*SKRPCIF\*\*T\*YRTTK\*\*Y\*\*YQI\*VETL\*HHGHYTSLSKGIL\*ANSHTLLYPGWFCDSKV\*QSNIQWNRTMYKCQYSTMYPWN\*ASSINSTAVKWQFSRKRGSN\*I\*QFLGQC\*SHNSTAEKSCKN\*LYKTQQQYKKRYTSRTRKSMVCNRHNRRYKASTL\*PQWSRLE\*HFSRGI\*KTKRKIWEQNNNL\*SNFRRGPRDYNAQF\*L\*RGIFLL\*YITTV\*\*YLV\*\*WYYEWYYRK\*HYHAPLQNKTNCKHVAGSRESNVCPSHCRTN\*LFIKYYRVAINKRWW\*Y\*\*Y\*Q\*HRDLQTWRRRYERQLEK\*II\*I\*NSKN\*TIRNSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKSAEGY\*GAAASVATHSLGYQAAPGKSLGCGKIPKGSTAPRALGLLWKTHLHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHKNNIQLN\*RIAEPTGKE\*TRTIGIG\*VGKFVELV\*HNKMAVVYQNIHNDSRRLSRFKNNFCCTFYSK\*S\*EGILTIVIADPLPNPEGTRQARRNRRRRWRARQRQIREI

>B.2007.JF932489.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMKKGLGISYGRKKRRQRRRAYQDSQNHQVSLSKQ\*VVNVMQSLIILSIAALVIVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDHEQLSALMEMGHHAPWDVDDL\*CCRKIVGHSLLWGTCMERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCYFKLH\*CDP\*CDQD\*\*EEYHNRGRRHEKLLFQYHHKHRE\*GERLCTF\*YT\*YRTNREYYQL\*VDTV\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*KFQWNRTM\*KCQYSTVYTWN\*ASSINSAAVKWQFSRRRGSN\*I\*QFLGQC\*SHNSTAE\*TCSN\*LYKNQQQYKKKHTSRTRESMVYNRTNNRRYKKSTLYT\*RYTME\*HFKTDS\*KVKRTI\*EQNNNL\*SIFRRGPRDCNAQC\*LWRGILLL\*YITTV\*WEWY\*YWE\*DYRK\*HYHTPLQNKTNCKHVAGGRESNVCPSHFRTN\*MCIKHYRVAINKRWW\*\*DRYHRDLPTLGRRYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSYVPWVLGSSRKHDGRSVNNADGTGQTIDVWYSATAEKFAEGY\*GATAYVATHSLGHQTAPGKSLGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*NS\*QDLG\*HDLDAVGERN\*KLHK\*NIHLN\*RIADPTRTE\*TRAIKIG\*VGKFVELV\*HIKMAVVYQNIHNDSRRLDRFKNSFCCTFYSK\*S\*AGILTIVITDPLPNPEGTRQARRNRRRRWRARQRQIRDI

>B.2007.JF932490.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMKKGLGISYGRKKRRQRRRTHQDSQTNQASLSKQ\*VINVMQALTLLAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWNVDDL\*GCRKVVGHSLLWGTCMERCNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSLRKCDRKL\*HVGK\*HGRTDA\*RYN\*FMGSKPKAMCKINPNLCYFKLH\*FEE\*Y\*CQ\*\*YQ\*YQ\*YNRGRRNEKLLFQHHHKHEY\*GKRLCTLL\*T\*YSTNR\*\*W\*\*YHL\*VNKL\*HLSHYTSLSKGIL\*ANSHTLLYPGWLCDSKV\*Q\*NIQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*V\*QFLGKS\*SHNSTAE\*ICRN\*LYKTQQQYKKKYKYRTRASMVYNRTNNRRYKTSTL\*H\*\*YRLE\*HFKTDNWEIKRTIWEQNNNLYSPFRRGLRGCNAQF\*LWRGIFLL\*YITTV\*\*YLV\*EWYYYY\*EFYYRNYHTPLQNKTNCKHVAASRESNVCPSHCRKN\*MFIKYYRIAINKRWGYG\*\*DQQQ\*H\*DFQT\*RRKYERQLEK\*II\*I\*SSKN\*TIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAKKFAEGY\*GATASVATHSLGHQTAPGKSLGCGKIPKGSTAPRNLGLLWKTHLPHCCALEC\*LE\*\*ISK\*NLE\*HDLDGVGKRN\*QLHRHNIQLN\*RIAEPTGKE\*TRTIGIG\*VGKFVELV\*HNRMAVVYQNIHNGDRRLNRFKNSFCCAFGSK\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRARQRQIREI

>B.2007.JF932491.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKICCLHCQVCFMKKGLGISYGRKKRRQRRRTPQDSQTHQVSLSKQ\*VVNVMQALTILAIVALVVAAIIAIVVWTIVFIEYRKLLRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFLEMGHHAPWDVNDL\*CCRTIVGHSLLWGTCMERRKYHSILCIRC\*SI\*YRGT\*CLGNTCLCTHRPQPTRSSLGKCDRKL\*HVEK\*HGRTDA\*RYNQFMGSKSKAMCRINPTLCHFKLH\*FEPDYQYQ\*YYH\*SERGRRNKKLLFQYHHKYKN\*GKRLCTFL\*P\*YNKNGRW\*\*\*\*YL\*VDKL\*HLSH\*TSLPKDNL\*TNSHTLLCPGWFCDSKV\*Q\*NVQWNRTM\*KCQYSAMYTWN\*ASSINSTAVKWQFSRRRNSN\*I\*QFHGQC\*NHNNTAE\*ICSN\*LYKTQQQYKKKYNSRTRESMVYNRTNNRRYKTSTL\*P\*\*NTME\*HFKTDN\*KIKRTIWE\*NNNL\*SIFRRGPRDCNAQF\*LWRGIFLL\*YNTTV\*\*YLAWE\*Y\*Y\*DRK\*\*YHAPLQNKTNCKHVAESRESNVCPSH\*RTN\*MFIKYYRVAVNKRWW\*\*\*EHDQRDLQTWRRRYERQLEK\*II\*I\*SSKN\*TFRSSTHQGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRSVNNADGTGQTIAVWYSATAEKFADGY\*GATTSVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGMLWETHLHHCCALEC\*LE\*\*IPG\*DLE\*HDLDGVGERNRQLHRKNIQPN\*KGAEPARKG\*TRIIGIG\*VGKLVELV\*HNKMAVVYQNIHNDSRRLDRLKNSFCCTFFSK\*S\*AGILTIVITDPPPSSEGTRQARRNRRRRWRARQRQIREL

>B.2003.JF932492.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMQKGLGISYGRKKRRQRRRAPQDSKAHQASLSKQ\*VVNVMQPLTILAIVALVIAAIIAIVVWAIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSLGKCNRKL\*HVEK\*HGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLH\*FEE\*YYWYQ\*\*YQ\*QYQ\*YNRGKRNKKLLFQYHHKHRNYCKRLCTF\*YT\*YSINR\*\*\*YQL\*YQL\*VDTL\*HLSHYTSLSKGIL\*ANPHTLLYPSWFCDYKV\*Q\*NIQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQLSRRRGSN\*I\*QFHKQC\*NHNSTAE\*ICRN\*LYKTQQQYKERGISRTRASMVYNRTNNRKYKTSTL\*H\*\*SKME\*HFKTGSWKIKRTIWEQNNNL\*SIFRRGLRDCNAQF\*LWRGIFLL\*YITTV\*\*YLV\*\*\*YLEWYYRR\*QYHTPLQNKTNCKPMAGSRESNVCPSH\*RTN\*MFIKYYRVAINKRWWDE\*GQYQ\*DLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDGSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKKFAEGY\*GATASVATHSLGH\*AAPGKSLGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*DLG\*HDLDGVGKRN\*QLHKRNIHLN\*KFAEPARKE\*TRTIGIG\*VGKLVELV\*HNKMAVVYQNIHNDSRRLDRFKNSFCCTFYSK\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRARQRQIRDI

>B.2007.JF932493.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTHQASLPKQ\*VVNVMLALTIWAIVALVVVAIIAIVVWTLVFIEYRKILRQRRIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERHKYHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRSSLRKCDRKL\*HVEKWYGRPDARRYNQFMGSKSKAMCKINPTLCYFKLH\*FGKYY\*CQ\*\*YQQYDRGRRDEKLLFQYHHKHAN\*GERLCTFL\*S\*CSTNR\*\*G\*YQL\*VDNL\*HLSRYTSLSKSIL\*ANSHTLLYPGWFCASKV\*Q\*NIQWNRTMYKCQYSTMYTWN\*ASCINSTAVKWQFSRRRGSN\*I\*QFLEQC\*QYNSTAE\*ICSN\*LYKTQQQYKKEYKSRTRASMVYNRTNNRRYKTSTL\*P\*WSSMD\*HFKTGS\*KIKKTI\*E\*NNNLYAIFRRGPRDCHAQF\*LWRGIFLL\*YNTTV\*\*YLE\*Y\*YLE\*CYRKWHYHASLQNKTNCKHVAGSRESNVCPSHCRTN\*LFIKYYRVAINKRWWC\*\*ERGQHHRDLQTCRRKYERQLEK\*II\*I\*SSKN\*TIRISTHQGKEKSGAKRKKSSGNDRSYVPWVLGSSRKHDGRSVDDADGTGQAIVVWYSATAKKFAEGY\*GATASVATHSLGHQAAPGKSLGCGEIPEGSTAPRDLGLLWKTHLHHYRALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHKGNIHLN\*RIAEPTRKE\*IRTIGIG\*VGKLVELV\*HNKMAVVYQNIHNDSRRLGRFKNSFCCTFYSK\*S\*AGILTIVITDPLPNPEGTRQARRNRRRRWRARQRQIREI

>B.2009.JF932494.-

MEPVDPSLEPWKHPGSQPKTACNNCYCKKCSFHCQVCFIKKGLGIFYGRKKRRQRRRAPQGSQTHQASLSKQ\*VVNVMQPLVISAIVALVVVTIIAIVVWTIVLIEYMRILKQRKIDRLIERIRERAEDSGNESDGDQEELSGLMEMGHHAPWDVNDL\*CCRKVGHSLLWGTCMERSNYHSILCIRC\*SI\*YRGT\*CVGHTCLCTHRPQPTRSSLGKCDRKL\*HVEK\*HGRPDA\*RYNQFMGSKPKAMCKINPTLCYFTLH\*CE\*YCEHQ\*VRNEKLLFQCHHKHKN\*GDRLCIIL\*T\*CSINK\*K\*\*\*I\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGRFCDSKV\*\*\*KVQWIRTMYKCQYSTMYTWN\*ASNINSTAVKWQFSRRRGSN\*I\*QFHKQC\*NHNSTAESICRN\*LYKTQQQYKKKHTYRTRASMVCNRKYNRRYKTSTLYP\*WHKME\*HFKTDS\*KIKRTIWGKQNNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNKTV\*\*HLA\*K\*\*LDRKWHYRAPLQNKTNCKHVAGSRKSNVCPSHQWTN\*LFIKYYRVALNKRWWW\*\*DQYDHRDL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHPGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEKFAEGY\*GATASVATHSLGHQAAPGKSLGCGEIPKGSTAPRDLGLLWETHLHHYCALE\*\*LE\*\*NSEGDLE\*HDLDGMGKRN\*QLHKRNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRLKNSFCCIFYSK\*S\*AGILTIVITDPLPSSEGTRQARRNRRRRWRARQRQVRAI

>B.1998.JF932495.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCSFHCQVCFIKKGLGIFYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVNVMQPLTILAIVALVVAAIIAIVVWTIVGLEYMKILRQRKIDRLIDRIRERAEDSGNESDGDQEELAAFMEMGHHAPWDVDDQ\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNGLGKCNRKL\*HVGK\*HGRTDA\*RYN\*FMGSKPKAMCKINPTLCYFKLH\*FEE\*CYY\*\*Q\*YKGGRRTEKLLFRYHHKHKH\*GERLCIFL\*S\*YSTNR\*\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLYPGWFCDCKV\*Q\*KVQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRRRGSNQI\*QFLEQC\*SHNSTAE\*ICSN\*LYKTQQQYKKKYTSRTRESLVYNRRNNRRYKTSTL\*P\*\*HKME\*HFKPDI\*KIKRNI\*QNNSL\*SILRRGPRDCNAHF\*LWRGIFLL\*YIKTV\*\*YLE\*D\*CLE\*YCRK\*HYHAPLQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRVAINKRWW\*E\*EQYHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSGGSDRSYVPWVLGNGRKRYGRSVTDADGTGQTIVVWYSATAKKFAEGY\*GATASVATHRLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LEQ\*ISG\*DLE\*\*EYDLDEVGKRNCQLHKRNIHLN\*TIAEPTRTE\*TRLIEIG\*VGKLVELV\*HIKMAVVYKTIHNDSSRPGRFKNSFCCTFYSK\*S\*AGILTTVISDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.1998.JF932496.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMKKGLGIFYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VVNVMQALIILAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGYHAPWDVNDL\*CCRTLVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSLGKCDRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCYFKLH\*LF\*EYY\*\*Q\*\*DRGGRNEKLLFQYYHKHKN\*GERLCTFL\*T\*CSTNK\*Y\*\*YQL\*VDKL\*HLNHYTGLSKGIL\*ANSHTLLYPGWFCDSKV\*Q\*KVQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRRRGGN\*I\*QFLEQC\*SHNSTAE\*ICRN\*LYKTQQQYKKKYKSRTRASMVYNRTNYRRYKTSTL\*P\*\*HKME\*HFKTDS\*KIKRTIWEQNNSL\*\*ILRRGLRD\*NAQF\*LWRGIFLL\*YNTIV\*\*YLDLE\*Y\*YLE\*YYRK\*HYHASLQNKTNYKHVAGSRNSNVCPSHRRKN\*MFIKYYRVTINKRWW\*\*ERDPRHRDLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIAVWYSATAEKFAESY\*GATAYVATHRLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEH\*LE\*EIYG\*YLE\*YDLDAVGKRN\*ELHKRNIHLN\*TIAEPARKE\*TRLIGIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFCCAFYSK\*S\*AGILTIVITDPLPSPEGTRQARRNRRRRWRERQRQIREI

>B.2009.JF932497.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCLHCQVCFMKKGLGISYGRKKRRQRRRPHQDSQTHQTSLSKQ\*VVNVMQTLTILAIVALVVAAILAIVVWTIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGHHAPWAVDDL\*CCRKLVGHSLLWGTCMERSNYHSILCIRC\*SI\*CRGT\*CLGHTCLCTHRPQPTRSNLGKKCDRKL\*HVEK\*HGRTDA\*RYNQSMGSKPKTMCKINPTLHYFKLH\*CDYY\*YQ\*\*YY\*YQ\*YYQ\*YNRERRNKKLLFQYHHKHKN\*N\*KRICTL\*\*N\*YSTNR\*\*\*\*\*YQ\*YQ\*YQL\*VETL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWNRTM\*KCQYSTMYTWNQASSINSTAVKWQFSRRRGSNQI\*QFLEQC\*SHNSTAEGICRN\*LYKTQQQYKKRGNSRTRASMVYNRTNNWRYKTSTL\*H\*\*SKME\*YFRSDN\*KIKRTI\*EQNNNL\*ATFRRGLRDCNAQF\*L\*RRIFLL\*YITTV\*\*YMVY\*\*YSEWYYRK\*HYHTPLQNKTNCKHVAGSRKSNVCPSR\*RTN\*MFIKYYRVAINKRWWL\*CKQQHRDLQTWRRRYEGQLEK\*II\*I\*SNKN\*TIRSSTHQGKEKSGAKRKKSSGNRSYVPWVLGSSRNHYGRSVNDADGTGQTIVVWYSATAGKSAEGY\*GATAYVATHSLGH\*AAPGKSPGCRKIPEGSTAPRDLGMLWKTHLHHCCALEC\*LE\*\*DSR\*DLE\*HDLDEVGKRN\*KLHKRNIHLN\*RIAKPTRKE\*TRPIGIG\*VGKFVELV\*HNKMAVVYQNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRARQRQIRDI

>B.2008.JF932498.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQGNQTHQDSLSKQ\*VVDVMQTLITLAIVGLVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*GCRKLVGHSLLWGTCMERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSSLGKCNRKL\*HVAK\*HGRTDA\*RYNQFMGSKPKAMCKINPTLCYFKLH\*FEEYY\*\*\*Q\*\*YK\*YDRGRRTKKLLFQYHHKYKNCGERLCIFL\*T\*YSTNNR\*GQYQ\*W\*\*\*L\*VDKLQHLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*NVQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRRRGNN\*I\*QFHEQC\*GYNSTAE\*ICRN\*LYKAQQQYKKRYTSRTRANMVYNRRNNRRYKTSIL\*H\*WHTME\*HFKTGS\*KIKRTIWEQQNNNL\*SIFRRGPRDCNAHF\*L\*RGIFLL\*YITLV\*QYLEWY\*YLE\*YYRK\*HYHTPLQNKTICKHVAESREGNVCPSH\*RTD\*LFIKNYRVAINKRWW\*\*EPDFRDLQT\*RRGYER\*LEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAERKKSSGNDRSYVPWVLRSSGKHYGRSVNNADGTGQTIAVWYSATAEKFAEGY\*GATASVATHSLGH\*AAPGKSLGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IPK\*DLE\*HDLDGVGKRN\*KLHKRNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKMAVVY\*NIHNDSRRLGRFKNNFCCTFYSK\*S\*AGILTIVISDPLPNSEGTRQARRNRRRRWRARQRQIREI

>B.2007.JF932499.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRAHQDSQTHQASLSKQ\*VVNVMLALTILTIVAFVVVTIIAIVVWAIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSAFMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERSNYHSILCIRC\*GI\*YRGT\*YLGHTCLCTHRPQPTRSSPGKCDRIF\*HVEK\*YGRTNA\*RYNQFMG\*KPKAMCKINPTLCCFNLH\*FEYY\*YQYYQ\*YDRGRRNKKLLFQYHHKHKN\*GERLCTFL\*T\*YNTNR\*YQL\*VNKL\*YLSHYTSLSKGIL\*ANSHTLLYPGWFCASKV\*Q\*NIHWNRTMYKCQYSTMYTWN\*ASSINSTTVKWQFSRRRGSN\*I\*QFHEQC\*SHNSTAE\*ICRN\*LYKTQQQYKKKYTARTRASMVYNRTNNRRYKTSTL\*H\*\*NKME\*HFKTDS\*KIKRTIWEEQNNNL\*SIFRRRPRDCNAQF\*LWREIFLL\*YITTV\*\*FLE\*Y\*YLE\*YYRK\*HYHAPLQNKTNCKHVAGSRESNVCPSH\*WNN\*LQIKYYRVAINERWWW\*\*D\*H\*DL\*TRRRKYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGNSRKHYGRSVNNADGTGQTIAVWYSATAEKFAEGY\*GATASVATHSLGHQAAPGKSLGCGEIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHKRNIHLN\*RIAEPTRKE\*TRTIGIG\*VGKLVELV\*HNTMAVVYQNIHNDSRRLGRFKNIFCCTFYNK\*S\*AGILTTVITDPPPNPEGTRQARRNRRRRWRARQRQIREI

>B.2007.JF932500.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCSFHCQVCFIQKGLGISYGRKKRRQRRRAHQDSQTHQDSLSKQ\*VVNVMQTLTIFSIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSEIMEMGRLAPWNVDDM\*SCRKLVGHSLLWGTCMERSNYHSILCIRC\*SI\*YRDT\*YLGHTCLCTHRPQPTRSSLGKCDRKF\*HVEK\*HGRTDV\*RYNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*YQ\*YYQ\*SDRGRRNEKLLFQYHHKHKN\*DDRLCTFL\*T\*CSTTR\*\*Y\*YYQL\*VDTL\*HLSHYTSLSKGIL\*ANSHTLLYPGWFCDYKV\*Q\*NVQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*QFHGQC\*SHNSTAE\*ICRN\*LYKTQQQYKKKYTSRTRASMVCNRTNNRRYKTSTL\*PE\*SKME\*HFKTDS\*KIERTIWEQNNNL\*SILRRGSRGCNAQF\*LWRGIFLL\*YITTV\*\*YLA\*\*WYLE\*YCKK\*QYHSPLQNKTNYKHVAGSRESNVCPSHWRTN\*MFIKYYRVAINKRWW\*E\*E\*HHRDLQTWRRRHERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFADGY\*GATASVATHSLGHQAAPGKSLSCGKIPKGSTAPRDLGLLWKTHLPH\*CALEC\*LE\*\*ISE\*DLG\*HDLDGVGKRNWQLHKPNIHLN\*TIAKPTGKE\*TRTIGIG\*VGKSVELV\*HFKLAVVYQNIHNDSRRLDRFKNSFCCTFYGK\*S\*AGILTIVITDPLPNPEGTRKARRNRRRRWRARQRQIREI

>B.2004.JN024100.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDGQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRGRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRKGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2004.JN024101.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSMGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2004.JN024103.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLWYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHCGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2004.JN024104.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLLKDIL\*ANSHTLLCPGWFCESKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWGGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTSMQDKANYKHVAGSRKSNVCPSHRRTNWMFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVAAHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYDK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2004.JN024105.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVEGSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2004.JN024106.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KFKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2004.JN024107.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHLCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2004.JN024108.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFTRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SIRYRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTVYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*CNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQGKANYKHVAGGRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2004.JN024109.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2004.JN024110.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*ST\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2004.JN024111.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CHRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2004.JN024112.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ANSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KLKEQFEDKTIIFNQSSGGDPEVVMHTFNCGGEFFYCNTTKLFNSTWNSTENVEEGPDNNITLPCRIKQIINMWQEVGKAMYAPPIAGQIRCSSNITGLILTRDGGENNNETETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAAIGALFLGFLGAAGSTMGAASITLTVQARLLLSGIVQQQSNLLKAIEAQQHLLQLTVWGIKQLQARVLAIERYLKDQQLLGIWGCSGKLICTTAVPWNSSWSNKSLNQIWDNMTWMEWEREIDNYTAQYTG\*LKNRKTNKKRMNKNYWN\*INGQVYGIGLT\*QNGCGI\*KYS\*\*\*\*QA\*\*V\*E\*LFLYFL\*\*IELGRDTHHCRFRPTSQLRGDPTGPKESKKKVETETETDPGP\*

>B.2004.JN024113.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPAGFAILKCNNKKFNGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSKNFTDNAKIIIVQLNEAVEINCTRPNNNTRKGIHIGPGRAFYTTGEIIGDIRQAHCNISKVKWNNTLGQIVKKLKEQFEDKTIIFNQSSGGGPEVVMHTFNCGGEFFYCNTTKLFNSTWNSTENVEEGPDNNITLPCRIKQIINMWQEVGKAMYAPPIAGQIRCSSNITGLILTRDGGENNNETETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAAIGALFLGFLGAAGSTMGAASITLTVQARLLLSGIVQQQSNLLKAIEAQQHLLQLTVWGIKQLQARVLAIERYLKDQQLLGIWGCSGKLICTTAVPWNSSWSNKSLNQIWDNMTWMEWEREIDNYTSTIYRLIEESQNQQEKNEQELLELDKWASLWNWFDITKWLWYIKIFIMIVAGIVGLRITFSIFSIINRVRQGYSPLSFQTHLPAQRGPDRPEGIEEEGGDRDRDRSRPL

>B.2004.JN024114.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVVIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHALLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRGGPRSCNAHL\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2004.JN024115.acute\_infection

VDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRIRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQGQIQAL

>B.2004.JN024116.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSGPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2004.JN024117.acute\_infection

MDPVDPSLAPWQHPGSQPKAACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFGRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRRSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPGSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSREHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2004.JN024118.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*S\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRGWRQRQRQIQAL

>B.2004.JN024119.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TTRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024120.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHDRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDGKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024121.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHL\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024122.acute\_infection

MDLVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTHKGKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024123.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKDNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024124.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024125.acute\_infection

MDPVDPSLAPW\*HPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQIQKFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024126.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPSWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024127.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQGSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYSRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024128.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKS\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWS\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRIRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKYYGRSVNNADGTGQTIVVWHSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024129.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTTERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSAH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024130.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*\*YQYQWYQYQE\*W\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSRTLLCPGWFCDSKM\*Q\*KVQWDRTMHKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*IIIVQLNEAVEINCTRPNNNTRKGIHIGPGRAFYTTGEIIGDIRQAHCNISKVKWNNTLGQIVKKLKEQFEDKTIIFNQSSGGDQKL\*CTLLIVEGNFSTVIQQNCLIVLGIVLRMWRKGQITISHSHAG\*SKL\*TCGRK\*EKQCMPLPSQDKLDVHQILQG\*Y\*QEMVVRITTRPRPSDLEEEI\*GTIGEVNFINIK\*\*KLNH\*E\*HPLRQKEEWCREKKEQQ\*ELCSLVSWEQQEALWAQRQ\*R\*RYRPDYCCLV\*CNSRAIC\*KLLRRNSICCNSQSGASSSSRQESWL\*KDT\*RINSSWEFGVALENSSAPLLCPGILVGVINL\*IRYGIT\*PGWSGKEKLTITQAQYTG\*LKNRKTNKKRMNKNYWN\*INGQVYGIGLT\*QNGCGI\*KYS\*\*\*\*QA\*\*V\*E\*LFLYFL\*\*IELGRDTHHCRFRPTSQLRGDPTGPKESKKKVETETETDPGP\*

>B.2005.JN024131.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQQRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAKSY\*GATASVATHSLGHQAAPGKSPGYKKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024132.acute\_infection

MDPVGPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SIPRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGRFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024133.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIMAIVVWSLVFIEYRKILRQRKMDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSGIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRPN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*AL\*I\*SSKN\*TIRSSTH\*GKKKRGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024134.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGGTDA\*GYN\*FMGSKSKAMCKINPTLCYFKMQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKRRHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHL\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024135.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQCQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRHTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYENIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEETRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024136.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIVIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGPKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRARKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLRSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024137.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVLQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSRAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHRHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLRPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSGNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCRALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMTVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024138.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHRHKR\*DKERTCIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024139.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCVHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWHSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024140.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWCQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVP\*FLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024141.acute\_infection

MDPVDPSLAPWQHPGSQPKTACANCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERRKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024142.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDREELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKYDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIEYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024143.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAVCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKRKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKGN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPSPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024144.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRAMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYEKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPPHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024145.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKNWTIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024146.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVSHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKNILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNKF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024147.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024148.acute\_infection

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKATCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRKYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024149.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVGMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQHQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERVCIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHG\*C\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*STLRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTTVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIARPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024150.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSKYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYAGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024151.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIAGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024152.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*GYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNETV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHHRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFPGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024153.-

MDPVDPSLAPWQHPGSQPKAACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CCRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICVVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YPSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MSIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSREHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024154.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*SMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPGSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024155.-

MDPVDPSLAPWQRPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESGGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*SMGSKSKAMCKINPILCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINRRWW\*E\*QRDRDLQAWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024156.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YSGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024157.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERGKYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRGCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQGKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEETRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024158.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTGKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024159.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMHSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWWWE\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNGSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024160.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSAH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTVVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*GIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024161.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*ST\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELPFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRGLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDIG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024162.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSKYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KLKEQFENKTIIFNQSSGGDPEVVMHTFNCGGEFFYCNTTKLFNSTWNSTENVEEGPDNNITLPCRIKQIINMWQEVGKAMYAPPIAGQIRCSSNITGLILTRDGGENNNETETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAAIGALFLGFLGAAGSTMGAASITLTVQARLSLSGIVQQQSNLLKAIEAQQHLLQLTVWGIKQLQARVLAIERYLKDQQLLGIWGCSGKLICTTAVPWNSSWSNKSLNQIWDNMTWMEWEREIGNYTSTIYRLIEESQDQQEKNEQELLELDKWASLWNWFDITKWLWYIKIFIMIVAGIVGLRITFSIFSIINRVRQGYSPLSFQTHLPAQRGPDRPEGIEEEGGDRDRDRSRPL

>B.2005.JN024163.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQRYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDIG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024164.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQIKKFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIRQMGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024165.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKARCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQCQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWGRTMYKCQHSTMYSWN\*ASGINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYETQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*DNSF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSAAAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*RLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024166.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFTKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRNRQLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFTELV\*HNKTAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024167.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCTRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPTQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIRVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024168.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*NFTDNAKIIIVQLNEAVEINCTRPNNNTRKGIHIGPGRAFYTTGEIIGDIRQAHCNISKVKWNNTLGQIVKKLKEQFEDKTIIFNQSSGGDPEVVMHTFNCGGEFFYCNTTKLFNSTWNSTKNVEEGPDNNITLPCRVKQIINMWQEVGKAMYAPPIAGQIRCSSNITGLILTRDGGENNNETETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAAIGALFLGFLGAAGSTMGAASITLTVQARLLLSGIVQQ\*SNLLKAIEAQQHLLQLTVWGIKQLQARVLAIEKYLKDQQLLGIWGCSGKLICTTAVPWNSSWSNKSLNQIWDNMTWLEWEREIDNYTSTIYRLIEESQNQQEKNEQELLELDKWASLWNWFDITKWLWYIKIFIMIVAGIVGLRITFSIFSIINRVRQGYSPLSFQTHLPAQRGPDRPEGIEEEGGDRDRDRSRPL

>B.2005.JN024169.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*LGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RVAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024170.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRRKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWNVNDL\*CYRKIVGYSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKGWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024171.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*RDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024172.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTTQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SV\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRRE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024173.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYRKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SIFRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWWWE\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSREHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024174.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCVHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*G\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLRKHNIQVN\*RIVKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024175.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*E\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWWWE\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSANNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024176.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNRQ\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKRQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRII\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKGGAEGKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024177.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSYQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*GYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSAAERSYRN\*LYKTQQQYKKGYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATAFVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TGIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVASDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024179.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKISPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYRTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKMG\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHAPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAGQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*SE\*\*ISESDMG\*HDLDGVGRRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPNSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024180.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCVHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGIRKNWQRLWRWGIMLLGMLMICNATEKLWVTVYYGVPVWKEATTTLFCASDAKAYDTEVHNVWATHACVPTDPNPQEVVLGNVTENFNMWRNDMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCNDYNGTNTNGTNTKNSSNVEMIGEIKNCSFNITTNIRDKIKKEYALFYKLDVVPIDNDNTSYRLISCNTSVITQACPKISFEPIPIHYCAPAGFAILKCNNKKFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSKNFTDNAKIIIVQLNEAVEINCTRPNNNTRKGIHIGPGRAFYTTGEIIGDIRQAHCNISKVKWNNTLGQIVKKLKEQFENKTIIFNQSSGGDPEVVMHTFNCGGEFFYCNTTKLFNSTWNSTKNVEEGPDNNITLPCRIKQIINMWQEVGKAMYAPPIAGQIRCSSNITGLILIRDGGENNNETETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAAIGALFLGFLGAAGSTMGAASITLTVQARLLLSGIVQQQSNLLKAIEAQQHLLQLTVWGIKQLQARVLAIERYLKDQQLLGIWGCSGKLICTTAVPWNSSWSNKSLNQIWDNMTWMEWEREIDNYTSTIYRLIEESQNQQEKNEQELLELDKWASLWNWFDITKWLWYIKIFIMIVAGIVGLRITFSIFSIINRVRQGYSPLSFQTHLLAQRGPDRPEGIEEEGGDRDRDRSRPL

>B.2005.JN024181.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYVIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQLSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*SHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KLKEQFENKTIIFNQSSGGDPEVVMHTFNCGGEFFYCNTTKLFNSTWNSTKNVEEGPDNNITLPCRIKQIINMWQEVGKAMYAPPIAGQIRCSSNITGLILTRGGGENNSETETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAAIGALFLGFLGAAGSTMGAASITLTVQARLLLSGIVQQQSNLLKAIEAQQHPLQLTVWGIKQLQARVLAIEEYLKDQQLLGIWGCSGKLICTTAEPWNSSWSNKSLNQIWDNMTWMEWEREIDNYTSTIYRLIEESQNQQEKNEQELLELDKWASLWNWFDITKWLWYIKIFIMIVAGIVGLRITFSIFSIINRVRQGYSPLSFQTHLPAQRGPDRPEGIEEEGGDRDRDRSRPL

>B.2005.JN024182.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDNQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*HYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRHEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024183.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSVVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDGTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*YLE\*Y\*ECGGRAR\*QYHTPTQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKCYRADINKRWWWE\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024184.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSAAEQSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*KCGERAR\*QYHTPMQDKANYKHAAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*AL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATLSLGRQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*ARIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNLFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024185.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDNQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*L\*WYQYQWYQYQE\*\*\*SGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024186.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*I\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSTESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDMDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024187.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSVVFIEYRKILRQRKIDRLIDRIIERAEDSGNESDGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERGNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*L\*WYQYQWYQYQE\*\*\*SGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILGRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*\*QRDRDLQTWRRRYEGQLEK\*TL\*T\*SSKN\*TIRSSTH\*GKKKSSAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRNWQLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRRARRNRRRRWRQRQRQIQAL

>B.2005.JN024188.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVAAIIAIVVWSVVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*L\*\*YQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERNCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SRME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*HYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*RDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATLSLGHQAAPGKSPGYKKIPNGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*VSESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQILAL

>B.2005.JN024189.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVTQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFRLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*I\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMCKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECCGGRDR\*QYHAPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024190.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSVVFIEYRKILRQRKTDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*L\*\*YQYQWYQYQE\*\*\*SGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERNCRN\*LYKTQQQYKKRYTYRTRKSILYNRRDNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRVR\*HYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*RDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGNSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATLSLGHQAAPGKSPGYRKIPNGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKGN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNR\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024191.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSVVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*F\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERNCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRVR\*HYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*RDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATLSLGHQAAPGKSPGYRKIPNGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGERN\*QLRKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMESV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024192.-

MDPVDPSLAPWQHPGSQPKTACTNCYRKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSVVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*L\*\*YQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFGRRRGSNQI\*KFHGQC\*NHNSTAERNCRN\*LYKTQRQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*HYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*RDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTTVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024193.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVHVMQSLEIYTIVALVVVAIIAIVVWSVVFIEYRKILRQRKIDRLIDRIIERAEGSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHFILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLH\*L\*WYQYQWYQYQE\*\*\*SGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERNCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NDNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRVR\*HYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWWWE\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPNGSTAPGNLGLLRKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRNWQLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVISDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024194.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSVVFIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGYSLLWGTCMERSNYHSILCIRC\*SI\*CRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTNA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*LWYQYQWYQYQE\*\*\*RGNDRRNKELLFQRHHKHKR\*DKERICIVV\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERNCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*YLE\*Y\*ECGERAG\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWWWE\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYREIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024195.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGYSLLWGTCMERSNYHSILCIRC\*SI\*CRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTNA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*LWYQYQWYQYQE\*\*\*RGNDRRNKELLFQRHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERNCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRKDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*YLE\*Y\*ECGGRDR\*YHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYREIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024196.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVHVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERNCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECCEGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWWWEQQRDRDLQTWRRRYEGQLEK\*TL\*M\*SSKN\*TFRSSTH\*GKKKSGAERKKSSNRSFVPWFLRSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRNWQLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024197.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLH\*L\*WYQYQCYQYQE\*\*\*SGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERNCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRVR\*HYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRANINKRWW\*\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATRSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024198.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVHVMQSLEIYAIVALVVVAIIAIVVWSVVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQRHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERNCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*RDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*VATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024199.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVHVMQSLEIYAIVALIVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIMERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQRHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQIKKFHGQC\*NHNSTAERNCRN\*LYKTQQQYKKRYTYRTRKSSLYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRVR\*HYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRNWQLHKHNIRVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024200.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVHVMQSLEIYAIVALIVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQRHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERNCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGERVR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYREIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISEPDMG\*HDLDGVGKRNWQLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGIFTIVVSDPPPSSEGTRQARRNRRRRWGQRQRQIQAL

>B.2005.JN024201.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVHVMQSLEIYAIVALIVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDANDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQRHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSRTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERNCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRVR\*HYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*RDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRNWQLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRDRRRRWRQRQRQIQAL

>B.2005.JN024202.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCTHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESGGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQRHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERNCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRGCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGERVR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYREIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRNWQLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2004.JN024203.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNGTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVVDPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024204.acute\_infection

MEPVDPRLEPWKHPGGQPKTACTPCYCKKCCFHCQVCFMKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPNAMCKINPTLCYFKLH\*FEKYH\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINERWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GAATYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHGLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024205.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFMKKP\*ASPMAGRSGDSDEDLLQTVRLIKLLYQSSK\*YM\*CQLYIYYQ\*\*H\*\*LQQ\*\*Q\*LCGP\*YS\*NIGEY\*DKGK\*TG\*LIE\*EKEQKTVAMKVKGIRKNYWWRWGVMLLGMLMICSATEKLWVTVYYGVPVWREANTTLFCASDAKAYATEIHNVWATHACVPTDPNPQEVKLENVTEDFDMWNNNMVDQMHEDIISIWDQSLKPCVKLTPLCVTLNCTDLENTTNATNGSSGNTTISTGIKEMKNCSFNVTSGIRDKMKKEYALFYTLDVAPIEDDNRSYTLTSCNTSIITQACPKVTFEPIPIHYCAPAGFAILKCKDKKFNGTGPCRNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSANFSKNTNTIIVQLNESVVINCTRPNNNTRKSIHIAPGRAFYATGEIIGDIRQAHCNLSRAEWNKTLEKVVEKLREQYNKTITFKPSSGGDLEVTMHSFNCGGEFFYCNTTQLFNSTWNVTGSNNTEGNDTITLPCRIKQIINMWQEVGKAMYAPPIRGQIRCSSNITGLLLTRDGGVNTTTTNETEVFRPGGGNMKDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAIGIGAVFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICNTAVPWNASWSNKSQKYIWDNMTWMQWEREISNYTDLIYNLLEESQNQQDKNEQELLELDKWASLWNWFSITNWLWYIKIFIMIVGGLVGLRIVFAILSIVNRVRQGYSPLSLQTRLPTPRGPDRPEGIEEGGGERGRDTSGRL

>B.2004.JN024206.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFMKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAVIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNGSEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNGKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDGGLQTWRRKYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024208.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFMKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YSECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024209.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFMKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSARESILCNRGNNKRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024210.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFMKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CR\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HPNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024211.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFMKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKYQHHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWREAETHPVD\*

>B.2004.JN024212.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFMKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRSKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKIHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024213.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFMKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDGGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRIM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRMG\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNMQLT\*GIAEPARQE\*TRTTGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024214.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFMKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNGTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKGPGCGKIPKGSTAPGNLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024215.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFMKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRR\*RERQRHIRSI

>B.2004.JN024216.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCLHCQVCFMKKALGVSYGRKKRRQRRRSPPDSKAHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWGVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYIGPKPKATCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSGRRRGSN\*ICRLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024217.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGRTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYTWCSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRDSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYETSTL\*P\*\*SRME\*SFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTRRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDGRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024218.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDIDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*RIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDWMQWEREISNYTDLIYNLLEESQNQQDKNEQELLELDKWASLWNWFSITNWLWYIKIFIMIVGGLVGLRIVFAILSIVDRVRQGYSPLSLQTRLPTPRGPDRPEGIEEGGGERGRDTSGRL

>B.2004.JN024219.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFMKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*RNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWREAETHPVD\*

>B.2004.JN024220.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCRKCCFHCQVCFMKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRPQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIVEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024221.acute\_infection

MEPVDPRLEPWKHPGSRPKTACTPCYCKKCCFHCQVCFMKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGPRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRGRGLQT\*RRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024222.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFMKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FREYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024223.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIVRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKW\*SSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPGGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024224.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCERHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQSHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024226.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGDESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGGN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024227.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQEWTRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024228.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNALLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWAK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024229.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNRR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024230.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMLALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNDSEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIGQMGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024231.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGTFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024232.acute\_infection

MGPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRE\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYRTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRGYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIEIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSK\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024233.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TGTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024234.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIGRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLSYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNNTAK\*ICSN\*LYKTQQQYKKKYTCSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024235.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLPKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRGF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALECQLEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024236.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CR\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024237.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQ\*NRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQSHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWREAETHPVD\*

>B.2004.JN024238.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESTLCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNP\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWREAETHPVD\*

>B.2004.JN024239.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVVPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTGTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGRFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024241.acute\_infection

MEPVDPRLEPWEHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRRRKIDRLINRVRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWNWASGINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYETSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024242.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRSKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSDTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*GWAGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024243.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDGRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRENNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYNHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRGCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024244.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNE\*LFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024245.-

MEPVDPRLEPWRHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CCRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024246.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VIYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKIALIWKILLMPLMVVRGILLLAQE\*RK\*KTVLSMSPQE\*EIR\*KKNMHFFIHLM\*HQ\*RMIIGAIR\*QVVTPQSLHRPVQR\*PLSQFQYIIVPRLVLLF\*SVKIRSSMEQDHVEMSAQYNVHMELGQ\*YQLNYC\*MAV\*QKKR\*\*LDLPTSRKILTP\*\*YS\*MNL\*\*LIVQDPTTIQEKVYI\*HQGEHFMQQGK\*\*EI\*DKHIVTLVEQNGIKL\*KR\*LKN\*ENNIIKQ\*PLSHPQEGT\*KLQCIVLIVEGNFSTVIQHNCLIVLGM\*LGQITLKEMTQSRSHAE\*NKL\*TCGRK\*EKQCMPLPSEDKLDVHQILQGCY\*QEMVV\*TPPPPTRQRSSDLEEEI\*RTIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*E\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRTTC\*ELLRRNNICCNSQSGASSSSRQESWLWKDT\*RINSSWGFGVALENSFATLLCLGMLVGAINLKSIFGIT\*PGCSGKEKSAITQT\*YTTYLRNRRTSKTRMNKNYWNWINGQVCGIGLA\*QIGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDIHHYRCRPASQPRGDPTGPKESKKEVEREAETHPVD\*

>B.2004.JN024247.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALDVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRRLRSYNA\*C\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQ\*DRGLQTWRRKYEGQLKK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGRGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAGPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNNSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024248.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCYSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGSWKIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKEQ\*E\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRTTC\*ELLRRNNICCNSQSGASSSSRQESWLWKDT\*RINSSWGFGVALENSFATLLCLGMLVGAINLKSIFGIT\*PGCSGKEKSAITQT\*YTTYLRNRRTSKTRMNKNYWNWINGQVCGIGLA\*QIGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IESGRDIHHYRCRPASQPRGDPTGPKESKKEVEREAETHPVD\*

>B.2004.JN024249.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTGSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCYSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQAWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TWASLWNWFSITNWLWYIKIFIIVGGLVGLRIVFAILSIVNRVRQGYSPLSLQTRLPTPRGPDRPEGIEEGGGERGRDTSGRL

>B.2004.JN024250.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWNVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRGR\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRENILCNRGSNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHGCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCSTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024251.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VIYVMPALYILSIVALVVTAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCYSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQKHIRSI

>B.2004.JN024252.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VIYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCYSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQKHIRSI

>B.2004.JN024253.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCYSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDGGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQVRRNRRRRWRERQKHIRSI

>B.2004.JN024254.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRENILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCSTFYSK\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024255.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSLPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTLLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024256.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTPCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRENILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNF\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSDVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWETHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCSTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024257.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSHGRKKRRQRRRSPPDSKTHQASLSKQ\*VIYVMPALYILSIVALVVAAIIATVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGSESEGDQEELLVEMGRDTPWDVDDL\*CYRKIVGHSLVWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIGKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNHSRRLSRFKNSFCYTFYSK\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024258.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVGDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNGKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGSL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMCTWS\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSARENILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLGSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRFNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCSTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024259.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*C\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024260.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VIYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFKKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*C\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQKHIRSI

>B.2004.JN024261.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSEWS\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQKHIRSI

>B.2004.JN024262.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*C\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQ\*DRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFRNSFCSTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024263.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VIYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HGNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNKG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCYSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYKGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TKTIEIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSK\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQKHIRSI

>B.2004.JN024264.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTGSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRENILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YSECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCSTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024265.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SI\*YRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTLLYT\*CSTNRG\*\*\*GLYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*VCSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*C\*LWRGIFLP\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCAHHHHQ\*DRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSGRKHYGRSVNNADGTGQTIIV\*YSATAEQLAESY\*GTTTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLTVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024266.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSHPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDVL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SI\*YRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*NEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*C\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQ\*DRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVVGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GTTTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNNSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024267.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDLQCYRKIVGHSLLWGTCVERGKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGSRKIKRTV\*\*NNNL\*AILRRGLRSYNA\*C\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCGHHHHQ\*DRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNNSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024268.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSANRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWVCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*C\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHRHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKGGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSK\*S\*AGIFTIIAADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024269.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SI\*YRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWVCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRPSRFKNSFCYTFYSK\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024270.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDGKTHQASLSKQ\*VIYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDGP\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FEKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGRRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCGHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGGGKIPKGSTAPGDLGVLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HSKLAVVYKNIHNDSRRLSRFKNSFCYTFYSG\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024271.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIVAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SI\*YRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCYPKV\*R\*EVQWNRTM\*KCQHRTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRMK\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSQQRTN\*MFIKYYRAAINKRWWCGHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGGGKIPKGSTAPGDLRLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSK\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024272.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCSRGNNRRYKTSTL\*P\*\*SRME\*NFKKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*C\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCGHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAESARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCSTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024273.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTRKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VIYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRVLRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SI\*YRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*TILRRGLRSYNA\*R\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQQDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.1995.JN024274.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLARWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024275.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWLCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEKWII\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLGQHDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024276.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRGSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSIRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*QISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024277.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRGPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGDHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024278.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKRRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RGVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQP\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSISGPIRCSSNITGLLLTRDGGSSNTTTEIFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGFGAFFLGFLGAAGSTMGAASITLTAQARLLLTGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSLNEIWDNMTWMEWEREIDNYTSLIYTLIEQSQNQQEKNEQELLALDKWANLWNWFGITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRKGYSPISFQTHLPAQRGPDRPEGIEEEGGERNRDTSGRL

>B.1995.JN024279.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQPSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKNRTIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGHSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024280.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCLTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKGN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNRFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024281.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLARWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*SQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNRKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKRQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKASTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNTQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGYWGATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGGLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*RDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024282.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHRASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024284.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*CQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*TGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024285.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQACLTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPAGKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024286.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCCCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIVAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLARWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024287.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKERRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGRTCLCTHRPQPTRSSIAKCDRKF\*HAEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWGGRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRS\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRRREKQRHIRTL

>B.1995.JN024288.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNGSEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*RSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024289.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPAGKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024290.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRSKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCGN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTGTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGVWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024291.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*RGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024292.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEVLVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDGLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*RSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRSGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRIISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTNWMLIKYYRATINKRWW\*\*\*YDHRDLQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024293.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*HRGA\*CLGHTCLCTHRPQPARSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRR\*REKQRHIRTL

>B.1995.JN024294.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKMDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLARWDVNGL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTRRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKAQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAGGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024295.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLARWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNRL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWS\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGERN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024296.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRLQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024297.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMCTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQYNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*TLVKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024298.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGAQCLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRGRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QSYKFNIYLN\*TIAEPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024299.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDP\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSIDSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGTFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024300.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTDRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KAQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKGGAEGKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024301.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVIWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024302.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRGSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*AIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024303.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHYQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKVLRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLARWDVNDL\*GRRRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHRGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024304.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPEQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLARWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSRTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRASINKRWW\*\*\*YDHRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHCGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024305.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPEQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAGDSGNESEGDQEELSALVEMGHLARWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWS\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRASINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSREHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024306.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SIWYRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQRSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPPHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRD\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024307.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDACGYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTHRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YGHRDLQTWRRRYEGQVEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKRSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024308.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLARWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQSMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQRY\*HQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQ\*\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024309.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPEQ\*VVHVMPSLEILVSVVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLARWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGPKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*PNSHTLSCPGWFCASKV\*G\*KVQ\*NRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRASINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024310.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPRDSQTHQAPLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGKHHSILCIRC\*SI\*YRGAQCLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TSSHTLLCPGWFCASKV\*G\*KV\*WNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKAQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKGGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKLNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSLYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024311.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPEQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLARWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*P\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRIM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRASINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024312.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPEQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLARWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERGNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYIWN\*AGSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRASINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHSKLAVVYKNIHNGSRRLNRFKNSFYCTSYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024313.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQAPLPKQ\*VVHVMPSLEILVSIVALVVAVIVAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGKHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWGFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKGN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024314.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQAPLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKFNMWKNNMVDQMHEDIISLWDQSLKPCVKLTPLCVTLNCTNEVNGTKTNDTNTNTTNNNTTNPTSSWETVEKGEIKNCSFNITTNIRDKVQKVYALFYKLDVVPIDGSNTSYRLISCNTSVITQACPKTSFEPIPIHYCAPAGFALLKCKDKKFNGTGPCKNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRSENFTNNAKTILVQLNEPVEINCTRPNNNTAKGIHIGPGRAFYTTDRIIGDIRQAHCNISGAKWNNTLNKIAVKLKEQFQNKTIVFNRSSGGDPELVMHSFNCGGEFFYCNTTKLFNWNDTESGNGTEGKNDTIILPCKIKQIINLW\*EVGKAMYAPPISGPIRCSSNITGLLLTRDGGSSNTTTEIFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGFGALFLGFLGAAGSTMGAASITLTAQARLLLTGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSLNEIWDNMTWMEWEREIDNYTSLIYTLIEQSQNQQEKNEQELLALDKWANLWNWFGITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRKGYSPISFQTHLPAQRGPDRPEGIEEEGGERNRDTSGRL

>B.1995.JN024315.-

MEPVDPRLEPWKHPGSQPRTACSNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQAPLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTDRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*RSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRTCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQAIIDWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGRSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024316.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASPPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGKHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKRQSSRGRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024317.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQAPLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*GWRRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRTCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*IQSSKNWTIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*SLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024318.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVHVMPSLEILVSIVALVVAAIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHRKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNFHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYKGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSPEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024319.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGTSYGRKKR\*QRRRPPQDSQTHQASLPEQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLARWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*RLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRASINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIIPDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024320.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQAPLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDLL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRTCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024321.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQAPLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGAYCLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICPFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDLL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTIQNKTIVFNRSSGGDPELVMHSFNCGGEFFYCNTTKLFNWNDTESGNGTEGKNDTIILPCKIKQIINLWQEVGKAMYAPPISGPIRCSSNITGLLLTRDGGSSNTTTEIFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGFGALFLGFLGAAGSTMGAASITLTAQARLLLTGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSLNEIWDNMTWTEWEREIDNYTSLIYTLIEQSQNQQEKNEQELLALDKWANLWNWFGITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRKGYSPISFQTHLPAQRGPDRPEGIEEEGGERNRDTSGRL

>B.1995.JN024322.-

MEPVDPRLEPWRHPGSQPRTACNNCYYKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQAPLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLENGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWSCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*CFK\*DCSKIKRTISE\*NNSF\*SILRRGPRTCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPNSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024323.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQAPLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRP\*PTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNPHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRTCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*RGK\*HNYTPMQNKANYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*VSE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKEWTRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSSYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024324.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQAPLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRTCNAQL\*LWRGIFLL\*YSKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024325.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLARWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*\*SKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024326.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQAPLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YR\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRTCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KREWY\*RGK\*HNYTPMQNKTNYKPVARSRKSNVCPPHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024327.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQAPLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQGY\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRTCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024328.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQAPLPKQ\*VVHVMPSLEILVSIVVLVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRTCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKPAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024329.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQAPLPKQ\*VVHVMPSLEILVSIVALVVAGIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*ST\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLGHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRTCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*RGK\*HNYTPMQNKTNYKPVARSRKSNVRPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1995.JN024330.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQAPLPKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRTCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*REK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1996.JN024331.-

MEPVDPRLEPWKHPGSQPRTACNNCYCRACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPEQ\*VVHVMPSLEILVSIVALVVAVIIVIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*\*RVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGKRRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLSCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFKKDCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*K\*EWY\*RGK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRASINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1996.JN024332.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQGELSALVEMGHLALWDVNDL\*G\*KRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WYY\*\*\*YH\*SH\*QLGNGGKRRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFKKDCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*RGK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSSLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1996.JN024333.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDGGNESEGDQEELSALVEMGHLALWDVNDL\*G\*KRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WYY\*\*\*YH\*SH\*QLGNGGKRRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFKKDCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*RGK\*HNYTSMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSSLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEETRQARRNRRRRWREKQRHIRTL

>B.1996.JN024334.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPEQ\*VVHVMPSLEILVSIVALVVAVIIVIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*\*RVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIARCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGKRRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKAQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFKKDCSKIKRTISE\*NNSF\*SILRRGSRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*K\*EWY\*RGK\*HNYTPMQNKTNYKPVARSRESNVCPSHQRTN\*MLIKYYRASINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKNRTIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISEGNLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIIPDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1996.JN024335.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGGKKRRQRRRPPQDSQTHQASLPEQ\*VVHVMPSLEILVSIVALVVAVIIVIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESKGDQEELSALVEMGHLALWDVNDL\*G\*\*RVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGKRRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSEDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFKKDCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*K\*EWY\*RGK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRASINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1996.JN024336.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQGSQTHQASLPEQ\*VVHVMPSLEILVSIVALVVAVIIVIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALGDVNDL\*G\*\*RVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGKRRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFKKDCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*K\*EWY\*RGK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRASINKRWW\*\*\*YDHRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1996.JN024337.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFT\*DCSTIKRTISAQNNSF\*SILRRGPRTCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*RGK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISG\*NLG\*HDLDGVGKRN\*QLYKFNIYPN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1996.JN024338.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLPEQ\*VVHVMPSLEILVSIVALVVAVIIVIVVWSIVFIEYKKILRQRKIDRLIDRIRESAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*\*RVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESSLYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*RGK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRASINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.2005.JN024339.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSTNNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024340.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISHGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPALCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*GAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRKSILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLRKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRGRWRERQRHISSI

>B.2005.JN024341.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LHKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*SYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024342.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRSAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VSKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024343.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPAGYAILKCNDKQFNGKGECKNISTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSENFTNNAKTMIVQLTTAVEINCTRPNNNTRKSIHIAPGRAFYATGAIIGKIREAHCNISKAKWNATLTQVVRKLREQFKNKTINFTQPSGGDPEIIMHSFNCGGEFFYCNTSQLFNSSWSGNDSTWNIEANETITLRCNIRQIINMWQEVGKAMYAPPIRGLIRCSSNITGLLLTRDGGNGNNTNNDTEIFRPGGGDMRDNWRSELYKYKVVRIEPLGIAPTKAKRRVVQREKRAVGLGAMFLGFLGAAGSTMGAASITLTVQARLLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTTVPWNTSWSNKTMEQIWDNMTWMQWEREIDNYTSLIYTLIEESQIQQEKNELDLLKLDNWANLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFAVLSIVNRVRKGYSPLSFQTLLPATRGPDRPEGIEEGGGERDRDTSVRL

>B.2005.JN024344.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*CITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGGKSPGCGKIPKRSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024345.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRGSILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024346.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSYYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELGWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024347.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTLYKFDIIPMNNSESNTRYRLISCNTSVITQACPKVSFEPIPIHYCAPAGYAILKCNDKQFNGKGECKNISTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSENFTNNAKTMIVQLTTAVEINCTRPNNNTRKSIHIAPGRAFYATGAIIGKIREAHCNISKAKWNATLTQVVRKLREQFKNKTINFTQLSGGDPEIIMHSFNCGGEFFYCNTSQLFNSSWSGNDSTWNIEANETITLRCNIRQIINMWQEVGKAMYAPPIRGLIRCSSNITGLLLTRDGGNGNNTNNDTEIFRPGGGDMRDNWRSELYKYKVVRIEPLGIAPTKAKRRVVQREKRAVGLGAMSLGFLGAAGSTMGAASITLTVQARLLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTTVPWNTSWSNKTMEQIWDNMTWMQWEREIDNYTSLIYTLIEESQIQQEKNELDLLKLDNWANLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFAVLSIVNRVRKGYSPLSFQTLLPATRGPDRPEGIEEGGGERDRDTSVRL

>B.2005.JN024348.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEGSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSICASDAKAYDTEVHNMWATHACVPTDPNPQEVELRNVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTNLNLTGTGVEGTKATTAANSNSSIEEIQMKNCSFNITTRRGDKMQQEYALLYKFDIIPMNNSESNTRYRLISCNTSVITQACPKVSFEPIPIHYCAPAGYAILKCNDKQFNGKGECKNISTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSENFTNNAKTMIVQLTTAVEINCTRPNNNTRKSIHIAPGRAFYATGAIIGKIREAHCNISKAKWNATLTQVVRKLREQFKNKTINFTQPSGGDPEIIMHSFNCGGEFFYCNTSQLFSSSWSGNDSTWNIEANETITLRCNIRQIINMWQEVGKAMYAPPIRGLIRCSSNIAGLLLTRDGGNGNNTNNDTEIFRPGGGDMRDNWRSELYKYKVVRIEPLGIAPTKAKRRVVQREKRAVGLGAMFLGFLGAAGSTMGAASITLTVQARLLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTTVPWNTSWSNKTMEQIWDNMTWMQWEREIDNYTSLIYTLIEESQIQQEKNELDLLKLDNWANLWNWFDITNWLWCIKIFIMIVGGLIGLRIVFAVLSIVNRVRKGYSPLSFQTLLPATRGPDRPEGIEEGGGERGRDTSVRL

>B.2005.JN024349.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGDLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024350.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRGNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SRHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYKGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAAVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024351.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKKCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTRQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGRTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAERARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024352.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHRGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQD\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*GAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKMQG\*EVQWNRTMQKCRHSTMYTWNYASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCGQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*K\*IIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024353.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRRCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTRKILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TTRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNAGGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024354.acute\_infection

MEPVNPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQCMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*ELE\*YYKIQ\*H\*SSHTPMQNKTNCEQVAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024355.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGLVLRL\*NVGIRSSMEQDHAKMSAQYNVHMELGQ\*YQLTCC\*MAVWQKKR\*YLDLRISRTMQKP\*\*YS\*KNLYKLIVQDPTTIQEKVYI\*DQGNSMQQGI\*\*ET\*DKHIVTLVREIGTTL\*NR\*LKN\*ENIMRIKQ\*SLITPQEETQKL\*CTLLIVEGNFSTVIPQNCLTVLGILLRMGMIL\*NTMTLK\*SHSHAE\*NKL\*TDGRK\*EKQYMPLPSKD\*LAVYQILQDCY\*QEMVVVTRMTQRSSDLEEEI\*GTIGEVNYTNIK\*YKLNH\*E\*HPQRQREERCRGKRAALGAVFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQSNLLQAIEAQQHLLQLTVWGIKQLQARVLALERYLRDQQLLGIWGCSGKLICTTSVPWNESWSNKTLSEIWDNMTWMEWEKEISNYTNIIYTLIENSQNQQEKNEKELLELDKWASLWNWFHITEWLWYIKIFIMMVGGLIGLRIVFTVFSIVNRVRKGYSPLSFQTLLPTQRGPERPGGIEEEGGERDRDTSGRL

>B.2005.JN024356.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRDSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024357.acute\_infection

MEPVDPRLEPWQHPGGQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GHNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICVVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYKGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024358.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFTKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LYIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024359.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PD\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLGQHDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KGIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024360.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*DPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024361.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSLHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIRRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWC\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGPGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024362.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHICLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGQSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024363.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVVNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDGL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKEQHWELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRVICCRLLRRNSICCNSQSGASSSSRQESWLWRDT\*GINSSWEFGVALENSFAPLLCLGMKAGVIKP\*VRFGIT\*PGWSGKKKLATTQT\*YTP\*LKTRRTSKKRMKKNYWN\*INGQVYGIGFT\*QNGCGI\*KYS\*\*\*\*ED\*\*G\*E\*FLLYFL\*\*IELGRDTHHYRFRPSSQPRGDPKGPEESKKKVERETEIHPGD\*

>B.2005.JN024364.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKGSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024365.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKSHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNRTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYKGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*RLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGMLTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024366.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWC\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSG\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024367.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINPLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRCEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024368.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSSQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRGNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWG\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DGIT\*PGWSGKKKLATTQT\*YTP\*LKTRRTSKKRMKKNYWN\*INGQVYGIGFT\*QNGCGI\*KYS\*\*\*\*ED\*\*G\*E\*FLLYFL\*\*IELGRDTHHYRFRPSSQPRGDPKGPEESKKKVERETEIHPGD\*

>B.2005.JN024369.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGTF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024370.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAGDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWC\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*RLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024371.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCSMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIIWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024372.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWSCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQRQYKKRNTYRTREILCNRGCNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRGPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGRSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024373.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SFRTKVGYSVLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKRAALGAVFLGFLGAAGSTMGAASIALTVQARQLLSGIVQQQSNLLQAIEAQQHLLQLTVWGIKQLQARVLALERYLRDQQLLGIWGCSGKLICTTSVPWNESWSNKTLSEIWDNMTWMEWEKEISNYTNIIYTLIENSQNQQEKNEKELLELDKWASLWNWFHITEWLWYIKIFIMIVGGLIGLRIVFTVFSIVNRVRKGYSPLSFQTLLPTQRGPERPGGIEEEGGERDRDTSGRL

>B.2005.JN024374.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFMEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHPILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRKRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKERSGAEGKESSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHCCALE\*KLE\*\*NPE\*DLR\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024375.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIEYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGESPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNTHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYNE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024376.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASNINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNYEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHRHNIRPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024377.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVAWTIVFIEYNKILKQRKIEKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSSLCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQ\*QYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDSWKIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICSSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGSLGLLWKTHLHHFCALEWKLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRVIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024378.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKGCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTMVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*ELQDDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYT\*N\*ASSINSIAVKWQSGRRRGNT\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTESCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIRIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKAQRNRRRRWRERQRYIREI

>B.2005.JN024379.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIAFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPEAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYT\*DQGNSMQQGI\*\*ET\*DKHIVTLVREIGTTL\*NR\*LKN\*ENIMKIKQ\*SLITPQEETQKL\*CTLLIVEGNFSTVIPQNCLTVLGILLRMGMIL\*NTMTLK\*SHSNAE\*DKL\*TDGRK\*EKQYMPLPSKD\*LAVYQILQDCY\*QEMVVVTRMTQRSSDLEEEI\*GTIGEVNYTNIK\*YKLNH\*E\*HPQRQREERCRGKKEQHWELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRVICCRLLRRNSICCNSQSGASSSSRQESWLWRDT\*GINSSWEFGVALENSFAPLLCLGMKVGVIKP\*VRFGIT\*PGWSGKKKLATTQT\*YTP\*LKTRRTSKKRMKKNYWN\*INGQVYGIGFT\*QNGCGI\*KYS\*\*\*\*ED\*\*G\*E\*FLLYFL\*\*IELGRDTHHYRFRPSSQPRGDPKGPEESKKKVERETEIHPGD\*

>B.2005.JN024380.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKW\*SGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVENSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024381.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKEALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIIL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRAREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKTQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYGGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAG\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024382.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQEGY\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EIQWNRTMQKCQHSTMYTWN\*ASNINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVISKRWR\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMESVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024383.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGHSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIIAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNGILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRST\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHPKLC\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKAQQQYKKRYTYRTGEILCNRGHNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTNLLCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPAREE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNGSRRINRVKNSFYCIFYSE\*S\*EGILTTIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024384.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKSLRPLLWQEEAETATKTSSG\*SDSSRISIKPVSSICNELFINSSNSSISNSSNNSNSGVDYSIHRV\*QNIKTKKNR\*VT\*\*NTRKSRRQWQ\*E\*RGSGGIVSTGGDGASCSLGC\*\*SVKL\*SKSGLQSIMGYLCGKKPTPLYFVHQMLKHMLQRHIMFGPHMPVYPQTPTHKK\*DWKM\*QKILTCGKITW\*NRCMRI\*SVYGIKA\*SHV\*N\*PHSVSL\*IVLTLQAGMILIIVESGQRWIQEK\*KTALSISLQI\*KIGRRKNMHCFIKLM\*CK\*IITLVMLVIGAIG\*\*VVTPQSLHRPVQRYLLSQFPYIIVPRLVLRL\*NVGIRSSMEQDHAKMSAQYNVHMELGQ\*YQLTCC\*MAVWQKKR\*YLDLRISRTMQKP\*\*YS\*KNLYKLIVQDPTTIQEKVYI\*DQGNSMQQGI\*\*ET\*DKHIVTLVREIGTTL\*NR\*LKN\*ENIMRIKQ\*SLITPQEETQKL\*CTLLIVEGNFSTVIPQNCLTVLGILLRMGMIL\*NTMTLK\*SHSHAE\*DKL\*TDGRK\*EKQYMPLPSKD\*LAVYQILQDCY\*QEMVVVTRMTQRSSDLEEEI\*GTIGEVNYTNIK\*YKLNH\*E\*HPQRQREERCRGKKEQHWELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRVICCRLLRRNSICCNSQSGASSSSRQESWLWRDT\*GINSSWEFGVALENSFAPLLCLGMKVGVIKP\*VRFGIT\*PGWSGKKKLATTQT\*YTP\*LKTRRTSKKRMKKNYWN\*INGQVYGIGFT\*QNGCGI\*KYS\*\*\*\*ED\*\*G\*E\*FLLYFL\*\*IELGRDTHHYRFRPSSQPRGDPKGPEESKKKVERETEIHPGD\*

>B.2005.JN024385.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTYLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKGYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLERHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNTCPSHPRTN\*LCIKYYRAVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTYKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGN\*GLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024386.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVASVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYIGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*T\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHRHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024387.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SIWYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKGICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGESPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024388.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKRRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHPKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINPLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPARKE\*KGIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024389.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGPHAPWDVNDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRAL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*\*YLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPARKE\*KRIIGIK\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024390.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLYWHCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCDAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHEGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHRHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024391.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DNKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024392.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024393.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHRHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVPHIRMAAVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024394.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRV\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANPHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYGE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024395.-

MEPVDPRLEPWQHPGSQPKTACTSCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HSRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTSLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCIPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*SWEGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024396.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKPV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024397.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMRKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRNKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNVCPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKDKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024398.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNWDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*RLHKHNIRPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024399.-

MGPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVVS\*KKP\*ASPMAGRSGDSDEDLLRVVRLIKDLYQTSK\*YM\*\*TLYQ\*\*Q\*\*H\*\*\*\*Q\*\*Q\*WCGL\*YS\*SITKY\*NKEK\*ISYLIEY\*KEQKTVAMRAKGIRRNCQHWWRWGIMLLGMLMICKALEQKWVTVYYGVPVWKEANTTLFCASDAKAYVTETHNVWATHACVPTDPNPQEIRLENVTEDFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTDIAGRNDTDNSGIGTKMDPGEIKNCSFNITANIKDRMQKEYALFL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRAREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGESPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHRHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024400.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYSRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNVCPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATRSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHRHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024401.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQTTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSAKMSAQYNVHMELGQ\*YQLTCC\*MAVWQKKR\*YLDLRISRTMQKP\*\*YS\*KNLYKLIVQDPTTIQEKVYI\*DQGNSMQQGI\*\*ET\*DKHIVTLVREIGTTL\*NR\*LKN\*ENIMRIKQ\*SLITPQEETQKL\*CTLLIVEGNFSTVIPQNCLTVLGILLRMGMIL\*NTMTLK\*SHSHAE\*DKL\*TDGRK\*EKQYMPLPSKD\*LAVYQILQDCY\*QEMVVVTRMTQRSSDLEEEI\*GTIGEVNYTNIK\*YKLNH\*E\*HPQRQREERCRGKKEQHWELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRVICCRLLRRNSICCNSQSGASSSSRQESWLWRDT\*GINSSWEFGVALENSFAPLLCLGMKVGVIKP\*VRFGIT\*PGWSGKKKLATTQT\*YTP\*LKTRRTSKKRMKKNYWN\*INGQVYGIGFT\*QNGCGI\*KYS\*\*\*\*ED\*\*G\*E\*FLLYFL\*\*IELGRDTHHYRFRPSSQPRGDPKGPEESKKKVERETEIHPGD\*

>B.2005.JN024402.-

MEPVDPRLEPWQHPGSQPKTACTNCCCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTEVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTGNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*HW\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHLCALE\*KLE\*\*NPE\*DLG\*HDLDGVGERN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024403.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFVEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNVCPPHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKGSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEVPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHRHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024404.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDREELSALVEMGHHAPWDVNDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CSGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPRNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHRHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024405.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKTALSISLQI\*KIGYRKNMHCFIKLM\*CK\*IITLVMLVIGAIG\*\*VATPQSLHRPVQRYLLSQFPYIIVPRLVLRL\*NVGIRSSMEQDHAKMSAQYNVHMELGQ\*YQLNCC\*MAVWQKKR\*YLDLRISRTMQKP\*\*YS\*KNLYKLIVQDPTTIQEKVYI\*DQGNSMQQGI\*\*ET\*DKHIVTLVREIGTTL\*NR\*LKN\*ENIMRIKQ\*SLITPQEETQKL\*CTLLIVEGNFSTVIPQNCLTVLGILLRMGMIL\*NTMTLK\*SHSHAE\*DKL\*TDGRK\*EKQYMPLPSKDQLAVYQILQDCY\*QEMVVVTRMTQRSSDLEEEI\*GTIGEVNYTNIK\*YKLNH\*E\*HPQRQREERCRGKKEQHWELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRVICCRLLRRNSICCNSQSGASSSSRQESWLWRDT\*GINSSWEFGVALENSFAPLLCLGMKVGVIKP\*VRFGIT\*PGWSGKKKLATTQTQYTP\*LKTRRTNRKRMKKNYWN\*INGQVYGIGFT\*QNGCGI\*KYS\*\*\*\*ED\*\*G\*E\*FLLYFL\*\*IELGRDTHHYRFRPSSQPRGDPKGPEESKKKVERETEIHPGD\*

>B.2005.JN024406.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLYCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNRIRKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWSCDYKM\*G\*EVQWDRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHGQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKASTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGNSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYRIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024407.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGRHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNEIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*RSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKKKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPARKE\*KRIIGIR\*MGKFVELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024408.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKFGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*KWNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHRTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024409.-

MEPVDPRLEPWQHPGSRPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTVVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*RGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHRHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSG\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024410.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGA\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DTERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGGSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024411.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELPALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWLCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICAN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGKIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHRHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024412.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIGC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LRIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKLNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024413.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRRIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YDKIQ\*H\*SSHAPMQNKTNCEQMAGSRKSNVCPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVRYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPSPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024414.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHRAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERIRIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQM\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLFWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPSPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024415.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIAAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNRIRKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRKRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNVCPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAG\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKLNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELV\*HNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024416.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*D\*\*\*RNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRDST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPRGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHTHNIHPN\*KLAEPARKNEKELLELDKWASLWNWFNITEWLWYIKIFIMIVGGLIGLRIVFTVFPIVNRVRKGYSPLSFQTLLPTQRGPERPGGIEEEGGERDRDTSGRL

>B.2005.JN024417.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKRRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHPKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINPLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPARKE\*KGIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024418.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKLDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLH\*HCRQE\*Y\*\*\*GNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRNN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLRSSRKHYGRSINNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPRGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPERDLG\*HDLDGVGKRN\*QLHRHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELV\*HNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024419.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKLLKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFKTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKFGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*Y\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*EKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNVCPSYPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASDATHSLGHQAAPGKSPGSGEIPRGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPERDLG\*HDLDGVGKRN\*QLHRHNIRPN\*KLAEPARKE\*KRIIGIR\*MGKFMESVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024420.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEGSGNESEGDQEELSALVEMGHHAPWDVNDL\*SFRTKVGYSLLWGTCVERSQHHSILCIGC\*SICYRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*WWNRDKDGSRRNKKLLLQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*GL\*DDKL\*HLSHYAGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREIPCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRRIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNACPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKGPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLG\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCVFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024421.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNRIRKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNVCPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKPNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELV\*HNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.1996.JN024422.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMRPLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSKIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFTLH\*CEYYLYHNQ\*\*YHDQ\*\*\*\*\*Y\*GKLLFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNFL\*TRYSTNKK\*\*\*\*\*Y\*LQVDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKRNL\*QCQHSTMYTWN\*ASSVNSAVVKWQSSRRRGST\*I\*KFHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKSIHLGPGRAWHATGQIIGDIRKAFCTLNSTNWTNTLKQMVEKLREQFENKTIAFNQSTGGDPEIVMHTFNCGGEFFYCNTTQLFNSIWYNTTNSSWNNKTWSNNTITLPCRIKQIINMWQQVGKAIYAPPIKGKIKCISNITGLLLTRDGGDTNNGTEIFRPGGGDMRDNWRSELYKYKVVQIEPLGVAPTKAKRRVVQREKRAVGLGAMFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKRLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNKSQEEIWDNLTWTQWEKEINNYTSVIYTLLEQSQNQQEKNEQELLELDKWASLWNWFDITKWLWYIRIFIMIVGGLIGLRIVFAVISIVNRVRQGYSPLSLQTRFPAPRGPDRPEGIEEEGGGRDRNISTRL

>B.1996.JN024423.acute\_infection

MEPVDPSLEPWKHPGSQPRTACSNCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQPLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSKIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFTLH\*CEYYLYHNQ\*\*YHDQ\*\*\*\*\*Y\*GKLLFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNFL\*TRYSTNKK\*\*\*\*\*Y\*LQVDKL\*HLSHYTGLPKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKRNL\*QCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KFHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMACNRTNNRRYKKSILHP\*\*HKLD\*HSKADG\*KIKRTI\*E\*NNSL\*SIHRRGPRNCNAHL\*LWRGIFLL\*YNTAV\*\*YLV\*YYK\*FLE\*\*DMVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*MYIKYYRAAINKRWW\*YQ\*WDRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGPTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGGDLG\*LDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*S\*AGILTIIVTDPLPSSEGTRQARRNRRRRWRERQKHLHSI

>B.1996.JN024424.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQPLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSKIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFTLH\*CEYYLYHNQ\*\*YHDQ\*\*\*\*\*Y\*GKLLFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNFL\*TRYSTNKK\*\*\*\*\*Y\*LQVDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKRNL\*QCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KFHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMACNRTNNRRYKKSILHP\*\*HKLD\*HSKADG\*KIKRTI\*E\*NNSL\*SIHRRGPRNCNAHL\*LWRGIFLL\*YNTAV\*\*YLV\*YYK\*FLE\*\*DMVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*MYIKYYRAAINKRWW\*YQ\*WDRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGGDLG\*LDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*S\*AGILTIIVTDPLPSSEGTRQARRNRRRRWRERQKHLHSI

>B.1996.JN024425.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQPLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSKIGKCDRRF\*CVEK\*HGNPDA\*GYN\*FMGSKPKAMCKINTTLCNFTLH\*CEYYLYHNQ\*\*YHDQ\*\*\*\*WY\*GKLLFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNFL\*TRYSTNKK\*\*\*\*\*Y\*LQVDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKRNL\*QCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KFHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMACNRTNNRRYKKSILHP\*\*HKLD\*HSKADG\*KIKRTI\*E\*NNSL\*SIHRRGPRNCNAHL\*LWRGIFLL\*YNTAV\*\*YLV\*YYK\*FLE\*\*DMVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*MYIKYYRAAINKRWW\*YQ\*WDRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGGDLG\*LDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*S\*AGILTIIVTDPLPSSEGTRQARRNRRRRWRERQKHLHSI

>B.1996.JN024426.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQPLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIGRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*C\*KIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSKIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFTLH\*CEYYLYHNQ\*\*YHDQ\*\*\*\*\*Y\*GKLLFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNFL\*TRYSTNKK\*\*\*\*\*Y\*LQVDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKRNL\*QCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KFHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMACNRTNNRRYKKSILHP\*\*HKLD\*HSKADG\*KIKRTI\*E\*NNSL\*SIHRRGPRNCNAHL\*LWRGIFLL\*YNTAV\*\*YLV\*YYK\*FLE\*\*DMVK\*HDHTPM\*NKANYKHVAASRKSNICPSHQRKN\*MYIKYYRAAINKRWW\*YQ\*WDRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKESTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGGDLG\*LDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*S\*AGILTIIVTDPLPSSEGTRQARRNRRRRWRERQKHLHSI

>B.1996.JN024427.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQPLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSKIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFTLH\*CEYYLYHNQ\*\*YHDQ\*\*\*\*\*Y\*GKLLFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNFL\*TRYSTNKK\*\*\*\*\*Y\*LQVDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKRNL\*QCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KFHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMACNRTNNRRYKKSILHP\*\*HKLD\*HSKADG\*KIKRTI\*E\*NNSL\*SIHRRGPRNCNAHL\*LWRGIFLL\*YNTAV\*\*YLV\*YYK\*FLE\*\*DMVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*MYIKYYRAAINKRWW\*YQ\*WDRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGGDLG\*LDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*S\*AGIFTIIVTDPLPSSEGTRQARRNRRRRWRERQKHLHSI

>B.1996.JN024428.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFLRKGLGISHGGKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQPLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSKIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFTLH\*CEYYLYHNQ\*\*YHDQ\*\*\*\*\*Y\*GKLLFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNFL\*TRYSTNKK\*\*\*\*\*Y\*LQVDKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWKRNL\*QCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KFHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMACNRTNNRRYKKSILHP\*\*HKLD\*HSKADG\*KIKRTI\*E\*NNSP\*SIHRRGPRNCNAHL\*LWRGIFLL\*YNTAV\*\*YLV\*YYK\*FLE\*\*DMVK\*HDHTPM\*NKTNYKHVAASRKSNICPFHQRKN\*MYIKYYRAAINKRWW\*YQ\*WDRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHCGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGGDLG\*LDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*S\*AGILTIIVTDPLPSSEGTRQARRNRRRRWRERQKHLHSI

>B.1996.JN024429.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQPLQVAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SIWDRGT\*CLGHTCLCTHRPQPTRSKIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFTLH\*CEYYLYHNQ\*\*YHDQ\*\*\*\*\*Y\*GKLLFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNFL\*TRYSTNKK\*\*\*\*\*Y\*LQVDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKRNL\*QCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KFHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMACNRTNNRRYKKSILHP\*\*HKLD\*HSKADG\*KIKRTI\*E\*NNSL\*SIHRRGPRNCNAHL\*LWRGIFLL\*YNTAV\*\*YLV\*YYK\*FLE\*\*DMVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*MYIKYYRAAINKRWW\*YQ\*WDRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGGDLG\*LDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYRNIHNDSRRLDRFKNSFCCNLYSK\*S\*AGILTIIVTDPLPSSEGTRQARRNRRRRWRERQKHLHSI

>B.1996.JN024430.acute\_infection

MEPVDPSLGPWKHPGSQPRTACNNCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQPLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSKIGKCDRRF\*CVEK\*HGNPDA\*GYNQSMGSKPKAMCKINTTLCNFTLH\*CEYYLYHNQ\*\*YHDQ\*\*\*\*QY\*GKLLFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNFL\*TRYSTNKK\*\*\*\*\*Y\*LQVDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKRNL\*QCQHSTMYTWN\*ASSVSSTVVKWQSSRRRGST\*I\*KFHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRSRESMACNRTNNRRYKKSILHP\*\*HKLD\*HSKADG\*KIKRTI\*E\*NNSL\*SIHRRGPRNCNAHL\*LWRGIFLL\*YNTAV\*\*YLV\*YYK\*FLE\*\*DMVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*MYIKYYRAAINKRWW\*YQ\*WDRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVAIHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLPWKTHLHHCCALEC\*LE\*\*ISGGDLG\*LDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*S\*AGILTIIVTDPLPSSEGTRQARRNRRRRWRERQKHLHSI

>B.1996.JN024431.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCSLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQPLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSKIGRCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFTLH\*CEYYLYHNQ\*\*YHDQ\*\*\*\*\*Y\*GKLLFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNFL\*TRYSTNKK\*\*\*\*\*Y\*LQVDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKRNLYQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KFHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMACNRTNNRRYKKSILHP\*\*HKLD\*HSKADG\*KIKRTI\*E\*NNSL\*SIHRRGPRNCNAHL\*LWRGIFLL\*YNTAV\*\*YLV\*YYK\*FLE\*\*DMVK\*HDHTPM\*NKTNYKHVAASGKSNICPSHQRKN\*MYIKYYRAAINKRWW\*YQ\*WDRDLQTWRRRYEG\*VEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKTPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGEDLG\*LDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*S\*AGILTIIVTDPLPSSEGTRQARRNRRRRWRERQKHLHSI

>B.1996.JN024432.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFLRKGLGVSHGRKKRRQRRGAPEDSQTHQVHLSKQ\*VIHVMQPLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SIRDRGT\*CLGHTCLCTHRPQPTRSKIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFTLH\*CEYYLYHNQ\*\*YHDQ\*\*\*\*\*Y\*GKLLFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNFL\*TRYSTNKK\*\*\*\*\*Y\*LQVDKL\*HLSHYTGLSKDIL\*TNSHTLLCPSWFCDSKV\*\*\*EVQRKRNL\*QCQHSTMYTWN\*TSSVNSTVVKWQSSRRRGST\*I\*KFHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMACNRTNNRRYKKSILHP\*\*HKLD\*HSKADG\*KIKRTI\*E\*NNSL\*SIHRRGPRNCNAHL\*LWRGIFLL\*YNTAV\*\*YLV\*YYK\*FLE\*\*DMVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*MYIKYYRAAINKRWW\*YQ\*WDRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSDAKRKKSSGIRSYVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGGDLG\*LDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*S\*AGILTIIVTDPLPSSEGTRQARRNRRRRWRERQKHLHSI

>B.1996.JN024434.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQPLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SIWDRGT\*CLGHTCLCTHRPQPTRSKIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFTLH\*CEYYLYHNQ\*\*YHDQ\*\*\*\*\*Y\*GKLLFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNFL\*TRYSTNKK\*\*\*\*\*Y\*LQVDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EAQWKRNL\*QCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KFHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMACNRTNNRRYKKSILHP\*\*HKLD\*HSKADG\*KIKRTI\*E\*NNSL\*SIHRRGPRNCNAHL\*LWRGIFLL\*YDTAV\*\*YLV\*YYK\*FLE\*\*DMVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*MYIKYYRAAINKRWW\*YQ\*WDRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGGDLG\*LDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*S\*AGILTIIVTDPLPSSEGTRQARRNRRRRWRERQKHLHSI

>B.1996.JN024435.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQPLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSKIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFTLH\*CEYYLYHNQ\*\*YHDQ\*\*\*\*\*Y\*GKLLFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNFL\*TRYSTNKK\*\*\*\*\*Y\*LQVDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKRNL\*QCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KFHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMACNRTNNRRYKKSILHP\*\*HKLD\*HSKADG\*KIKRTI\*E\*NNSL\*SIHRRGPRNCNAHL\*LWRGIFLL\*YNTAV\*\*YLV\*YYK\*FLE\*\*DMVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*MYIKYYRAAINKRW\*\*YQ\*WDRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSGGIRSYVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGGDLG\*LDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*S\*AGILTIIVTDPLPSSEGTRQARRNRRRRWRERQKHLHSI

>B.2005.JN024436.-

MEPVDPSLEPWKHPGSQPRTACNKCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQPLQIAAIVSLVVAAIIAIVVWAIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRST\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*GEYYLCHSS\*\*DQDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSING\*W\*\*Y\*ATG\*YIVTPQSLHRPVQR\*PLNQFPYIIVPRLVLRF\*SVRIRSSVETELVTMSAQYNVHMELGQ\*CQLNYC\*MAV\*QKTR\*YLDLKISRTMLKP\*\*YN\*RIL\*KLSVKDPTTIQ\*KVYI\*DQGEHDMQQDK\*\*EI\*EKHFAPLMAQTGITL\*SRWLKN\*ENNFRIKQ\*SLINPQEGTKKL\*CTPLIVEGNFSTVIQHSCLIVVGIVLQIVPGILRQGQITRSHSHVK\*NKL\*TCGSK\*EKQYMPLPSKEKLTVHQILQGCY\*QEMVVIPIMRQRSSDLEEET\*GIIGEVNYINIK\*YKLNH\*E\*HPPRQREEWCKEKRAVGLGALFLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSQEQIWDNMTWMQWEKEINNYTSVIYTLLEQSQNQQEKNEQELLELDKWASLWNWFGITQWLWYIKIFIMVVGGLIGLRIVFAVISIVDRVRQGYSPLSFQTHLPAPRGPDRPEGIEEEGGGRDRNISTRL

>B.2005.JN024437.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSKLGKCDRRV\*CVEK\*HANPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHSQ\*\*\*Y\*GKLLWEGRTEKLLFQYYHKHTR\*GARLCNVL\*TRYSTNNK\*\*\*\*\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKRNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCNRTNNRRYKKSILHP\*WHTLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRHEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLGAVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCNLNSK\*S\*AGILTIIVPDPPPSSEGIRQARRNRRRRWRERQKYLHSI

>B.2005.JN024438.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQGHLSKQ\*VIHVMQPLQIAAIVALVVVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRAEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHHTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYYEQC\*NHNSTTEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKAFCTLNGTDWNNTLKQVVEKLREQFKNKTIVFNQSTGGDPEVIMHTFNCGGEFFYCNTTQLFNSSWYSTTNSSWNTTTGLNDTITLPCKIRQIINMWQQVGKAIYAPPIKGKINCTSNITGLLLTRDGGDTNNETEIFRPGGGDMRDNWRSELYKYKVVQIEPLGVAPTKAKRRVVQREKRAVGLGALFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTTVPWNTSWSNKSQEEIWNNLTWMEWEKEINNYTSVIYTLLEQSQNQQEKNEQELLELDKWASLWNWFDITQWLWYIKIFIMIVGGLIGLRIVFAVLSIVNRVRQGYSPLSFQTHLPAPRGPDRPEGIEEEGGGRDRNISTRL

>B.2005.JN024439.-

MEPVDPSLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPGDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYL\*\*YHGQ\*\*\*Y\*GKLLLYREGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNF\*TNSHTLLCPGWFCDSKV\*G\*EVQWKRNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKTGG\*KIKRTI\*E\*NNSF\*SIHRRGPRNYNAHL\*LWRGIFLL\*YSTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YR\*\*DRDLQTWRRRYEG\*LEK\*II\*V\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISKGDLG\*HDLDGVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCNLYIKKC\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024440.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVENDMVTQMHEDIISLWDQSLKPCVKLTPLCVTLNCTDVNTTCITANNSNTEGNCSGREEMRNCSFNITTSTQDKVRDYAMFYKLDIVPITSDNSDNNTSYRLIHCNTSVITQACPKITFEPIPIHYCAPAGFAILKCKDKKFSGNGTCHNVSTVQCTHGIRPVVSTQLLLNGGLAEDEVVLRSENITNNAKTIIVQLKDPVRIECERPNNNTIKSIHLGPGRAWYATGQIIGNIRKAFCTLNGTNWNNTLKQVVEKLREQFKNKTIVFNQSTGGDQEIIMHTFNCGGEFFYCNTTQLFNSSWYSTTNSSWNITTGPNNTITLPCKIKQIINMWQQVGKAIYAPPIKGKINCTSNITGLLLTRDGGDTNNETEIFRPGGGDMRDNWRSELYKYKVVQIEPLGVAPTKAKRRVVQREKRAVGLGALFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSQEQIWDNMTWMQWEKEISNYTSVIYTLLEQSQNQQEKNEQDLLELDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFAVISIVNRVRQGYSPLSFQTHLPAPRGPDRPEGIEEEGGGRDRNISTRL

>B.2005.JN024441.-

MEPVDPSLEPWKRPGSQPRTACNNCYCRRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVENDMVTQMHEDIISLWDQSLKPCVKLTPLCVTLNCTDVNTTCITANNSNTEGNCSGREEMRNCSFNITTSTQDKVRDYAMFYKLDIVPITSDNSDNNTSYRLIHCNTSVITQACPKITFEPIPIHYCAPAGFAILKCKDKKFSGNGTCHNVSTVQCTHGIRPVVSTQLLLNGSLTEDEVVLRSENITNNAKTIIVQLKDPVRIECERPNNNTIKSIHLGPGRAWYATGQIIGNIRKAFCTLNGTNWNNTLKQVVEKLREQFKNKTIVFNQSTGGDQEIIMHTFNCGGEFFYCNTTQLFNSSWYSTTNGSWNITTGPNNTITLPCKIKQIINMWQQVGKAIYAPPIKGKINCTSNITGLLLTRDGGDTNNETEIFRPGGGDMRDNWRSELYKYKVVQIEPLGVAPTKAKRRVVQRENRAVGLGALFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAGERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSQEQIWDNMTWMQWEKEINNYTSVIYTLLEQSQNQQEKNEQDLLELDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRTVFAVISIVNRVRQGYSPSSFQTHLPAPRGPDRPEGIEEEGGGRDRNISTRL

>B.2005.JN024442.-

MEPVDPSLEPWKHPGSQPRTACNNCHCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDGLIDRIRERAEDSGNESEGDHEELSALMEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*HGNPDARGYNQFMGSKPKAMCKINTTLCNFKLH\*GEYYLCHSQ\*\*NQ\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVSSTVVKWQSSRRRGST\*I\*KHHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAVNKRWW\*YR\*\*DRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHPT\*TIAEPTREE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTLNSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKHLHSI

>B.2005.JN024443.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSRTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFVEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGTQCLGHTCLCTHRPQPTRNRIEKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNEW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EIQWKRNLSQCQHSTMYTWN\*ASSINSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*VSKTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YSTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRHEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESY\*SATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRGDLG\*HDLDAVGKRN\*QLHKCNIHLT\*TIAEPARKE\*TRIIGIG\*MG\*FVELV\*HNTMAVVYKNIHNDSRRFDRFKNSFCCNLYSK\*R\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKHLHSI

>B.2005.JN024444.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSRPKAMCKINTTLCNFKLH\*GEYYLCHSP\*\*DQDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHGTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*SHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAVQ\*\*LV\*YYK\*FLEYYDRVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*V\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSWKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCNLNSK\*S\*AGILTIIVPDPPPSSEGTRRARRNRRRRWRERQKHLHSI

>B.2005.JN024445.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFVEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGTQCLGHTCLCTHRPQPTRNRIEKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNLWTNSHTLLCPGWFCDSKV\*G\*EIQWKRNLSQCQHSTMYTWNWASSINSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*VSKTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WRKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YSTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRHEG\*LEKWII\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNVDGTGQTIVVWYSATAEQSAESY\*SATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRGDLG\*HDLDAVGKRN\*QLHKCNIHLT\*TIAEPARKE\*TRIIGIG\*MG\*FVELV\*HNTMAVVYKNIHNDSRRFDRFKNSFCCNLYSK\*R\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKHLHSI

>B.2005.JN024446.-

MEPVDPSLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQPLQIAAIVALVVVAIIAIVVWTIVLIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYL\*\*YHGQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GAGLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTIVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTISE\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YSTAV\*\*\*LV\*YYK\*FLEYYDRVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDIQTWRRRYEG\*LEK\*II\*V\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISGGDLE\*LDLDGVGKRN\*QLHKCNIHLT\*TIAEPARKE\*TRIIGIG\*MG\*FVELV\*HNTMAVVYKNIHDDSRRLDRFKNSFCCNLYIK\*C\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024447.-

MEPVDPSLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRIEKCDRRF\*CVEKWHGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYL\*\*YHDQ\*\*\*Y\*EKLFFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EIQWKRNLSQCQHSTMYTWN\*ASSINSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*VSKTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKASG\*KIKRTI\*E\*NNSF\*SIHRRGPRNYNAHL\*LWRGIFLL\*YSTAV\*\*\*LV\*YCK\*FRDTVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRATINKRWW\*YHQ\*DRDLQTWRKRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGIRSSVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRGDLEKHDLDAVGKRN\*QLHKCNIHLT\*TIAEPARKE\*TRIIGI\*\*MG\*FVELV\*HNTMTVVYKNIHNDSRGLDRFKNSFCCNLYIK\*C\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024448.-

MEPVDPSLEPWKHPGSQPRTACDNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYKKILRQRKIDRLVDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYL\*\*YHEQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYYHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDDL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCNRTNNRRYKKSILHP\*LHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRSNNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FRDMVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRTN\*LYIKYYRAAINKRWW\*YH\*\*DRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKEINNYTSVIYTLLEQSQNQQEKNEQDLLELDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFAVISIVNRVRQGYSPLSFQTHLPAPRGPDRPEGIEEEGGGRDRNISTRL

>B.2005.JN024449.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWGIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRCQSI\*DRGTQCLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYL\*HNQ\*\*YHEQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLSCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTIVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCNRTNNKRYKKSILHP\*LHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRSNNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FRDMVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRTN\*LYIKYYRAAINKRWW\*YH\*\*DRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGRGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCNLNSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024450.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCGKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKPLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024451.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVVGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024452.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VIHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YGGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPEIIMHSFNCRGEFFYCNTSQLFNSSWSGNDSTWNIEANETITLRCNIRQIINMWQEVGKAMYAPPIRGLIRCSSNITGLLLTRDGGNGNNTNNDTEIFRPGGGDMRDNWRSELYKYKVVRIEPLGIAPTKAKRRVVQREKRAVGLGAMFLGFLGAAGSTMGAASITLTVQARLLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTTVPWNTSWSNKTMEQIWDNMTWMQWEREIDNYTSLIYTLIEESQIQQEKNELDLLKLDNWANLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFAVLSIVNRVRKGYSPLSFQTLLPATRGPDRPEGIEEGGGERDRDTSVRL

>B.2005.JN024453.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024454.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIMAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDLQCCRKFVGYSLLWGTCVERSNHHSILCIRC\*SIRYRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSAIAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024455.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKKSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024456.acute\_infection

MEPVDPRLEPWKHLGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVAAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKRDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YIATV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHGLGHQAAPGKSPGCGKIPKRSTAPGNLRLLWKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024457.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERGNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*AWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024458.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANFPYIIVPRLVMRF\*SVMINSSMEKENVKISAQYNVHTELDQ\*YQLNCC\*MEV\*QRKR\*\*LDLRISQTMLKP\*\*YS\*QQL\*KLIVQDPTTIQEKVYI\*HQGEHFMQQEQ\*\*ER\*EKHIVTLVKQNGMPL\*HR\*LEN\*GNNLRIKQ\*TLHNPQEGTQKL\*CTVLIVEGNFSTVIHHNCLIVVGVGMTLLGI\*RQMKLSHSDVI\*DKL\*TCGRK\*GKQCMPLPSED\*LDVHQTLQGCY\*QEMVVMVITPIMTPKSLDLEEEI\*GTIGEVNYINIK\*\*ELNH\*E\*HPLRQREEWCREKKEQWD\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDYYCLV\*CNSRTIC\*GLLRRNSICCNSQSGASSSSRQESWLWKDT\*EINSSWEFGVALENSSAPLLCPGILVGVIKLWSRFGIT\*PGCSGREKLTITQA\*YTP\*LKNRKSSKKRMN\*TY\*N\*ITGQICGIGLI\*QTGCGI\*KYS\*\*\*\*EA\*\*V\*E\*SLLCFL\*\*IELGRDTHHYRFRPSSQQRGDPTGPKESKKEVERETETHQFD\*

>B.2005.JN024459.-

MEPVDPRLAPWQHPGSQPKTACTTCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQESLSKQ\*VVYVMNSLSILAIAALVVAAIIAIVVWTIVFIECRKISRQRKIDKLLDRILERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPPLCHSKLY\*LRRQE\*Y\*\*\*WNRDEDGSRRNKKLLFQYHCKYKG\*EAERICIVL\*N\*CSTNR\*\*K\*HW\*\*HW\*YYL\*KL\*DDKL\*HLSHYTGLSEGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSIAAKWQSSRRRGST\*I\*EFHEQC\*NHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSAL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSF\*SILRRRPRNCNAHF\*LWRGIFLL\*YHTTV\*QYLELE\*Y\*E\*E\*YYKQ\*HWSSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKHYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSATAE\*SAAGY\*GATPSVATHSLGHRAAPGKSPGSGKIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KFAEPARKE\*KGIIGIR\*MGKFMELV\*YNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPGGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024460.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVVAAIIAIVVWTIVFIECRKISR\*RKIDKLLDRILERAEDSDNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*HVEK\*HGRTDA\*GYNQFVGSKPKAMCKINPTLCHSKLY\*LCRQE\*Y\*\*\*WNRDEDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSTNR\*RE\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSRRRGST\*I\*EFHEQC\*NHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILRNRGYNRKHKTSTL\*H\*\*EKLEQHFKTDS\*KIKRTIWE\*NNNSF\*SILRRRPRSCDAHF\*LWRGIFLL\*YHTIV\*QYLELEYY\*EWE\*YYKQ\*HWSSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKNGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGKIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KFAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024461.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVVAAIIAIVVWTIVFIECRKVLRQRKIDKLLDRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLH\*HCRPE\*Y\*\*\*WDRAKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSTNR\*\*E\*H\*\*C\*LQEL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDFKM\*G\*EVQWNRTM\*KCQHGAMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQC\*NHNSTAKRICNN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRKIWE\*NNSF\*SILRRRPRNCNAHF\*LWRGIFLL\*YHTTV\*QYLELEYY\*EWE\*YYRQ\*HWSSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LFIKYYRTVINKRWWY\*PE\*\*WHCPE\*HRELQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSATAE\*SAAGY\*GATASVATHSLGYQAAPGKSPGSGKIPKGSTAPGDLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KFAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVIYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024462.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSKQ\*VVYVMNSLSIVAIVALVVAAIIAIVVWTIVFIECRKVLRQRKIDKLLDRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDP\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRPE\*Y\*\*\*Y\*WNRDKDGSRRNKKLLFQYHCKYKR\*EAERICIVL\*S\*CSANR\*\*E\*HW\*\*YL\*KL\*DNKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDDKM\*G\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSRRRGST\*I\*EFHEQC\*NHNSTAKRICNN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRKIWE\*NNSLYSILRRRPRNCNAHF\*LWRGIFLL\*YHTTVQQYLELEYY\*EWE\*YYKQ\*HWSSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWWY\*Q\*HRDRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSATAE\*SAADY\*GATASVATHSLGHQAAPGKSPGSGKIPRGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KFAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024463.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQESLSKQ\*VVYVMNSLSILAIVALVVAAIIAIVVWTIVFIECRKISRQRKIDKLLDRILGRAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*LCRQE\*Y\*\*\*WNRDEDGSRRNKKLLFQYHCKYKR\*EAERICIVL\*N\*CSTNR\*\*E\*HW\*\*HW\*YYL\*KL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSRRRGST\*I\*EFHEQC\*NHNSTAKGICTN\*LYKTQQQYKKRYTYRTREILRNRGYNRKHKTSTL\*H\*WEKLEQHFKTDS\*KIKRTIWE\*NNNSF\*SILRRRPRSCNAHF\*LWRGIFLL\*YHTTV\*QYLELEYY\*EWE\*YYKQ\*HWSSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGKIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KFAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024464.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQESLSNQ\*VVYVMNSLSILAIVALVVAAIIAIVVWTIVFIECRKISRQRKIDKLLDRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQSTRNRIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*LCRQE\*YR\*\*WNRDEDGSRRNKKLLFQYHCKYKR\*EAERICIVL\*N\*CSTNR\*\*EYH\*\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSRRRGST\*I\*EFHGQC\*NHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILRNRGYNRKHKTSTL\*H\*\*EKLEQHFKTDS\*KIKRTIWE\*NNNSF\*SILRRRPRNCNAHF\*LWRGVFLL\*YHTPV\*QYLELEYY\*EWE\*YYKQ\*HWSSHTPMQNKTNCEQTAGSRKSNVCPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGKIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KFAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIRGI

>B.2005.JN024465.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRSPQGSQTHQGSLSNQ\*VVYVMNSLPIVAIVALVVAVIIAIVVWTIVFIECRKISRQRKIDKLLDRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKPCVKLTPLCVTLNCTDFASRNDTDNSGIGMKMDPGEIKNCSFNITANIKDRMQKEYALFYKTDVVQIDNENNTGKNNTGNTTYRSYRMISCNTSVITQACPKVSFEPIPIHYCAPAGFAIIKCRDKKFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEEEIVLRSENFTNNAKTIIVQLKESVQINCTRPNNNTRKGIHIGPGKFYATGDIIGNIRQAHCNISKGNWNNTLRQIVKKLRDQYGNKTIVFNQSSGGDPEIVMHTFNCGGEFFYCDTTHLFNSTWNWNITENGNDTISNDTGVVTLPCRIRQIVNRWQEVGKAIYAPPIQGLISCVSNITGLLLTRDGGSNQNSSDKNIEIFRPGGGDMRDNWRSELYKYKVVQIKPLGIAPTRAKRRAVQREKRAALGAVFLGFLGAAGSTMGAASITLTVQARQLLPGIVQQQSNLLQAIEAQQHLLQLTVWGIKQLQARVLALERYLRDQQLLGIWGCSGKLICTTSVPWNESWSNKTLSEIWDNMTWMEWEKEISNYTNIIYTLIENSQNQQEKNEKELLELDKWASLWNWFHITEWLWYIKIFIMIVGGLIGLRIVFTVFSIVNRVRKGYSPLSFQTLLPTQRGPERPGGIEEEGGERDRDTSGRL

>B.2005.JN024466.-

MEPVDPRLAPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQESLSKQ\*VVYVMNSLSILAIVALVVAAIIAIVVWTIVFIECRKISRQRKIDKLLDRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCMERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*LCRQE\*YW\*\*WNRDEDGSRRNKKLLFQYHCKYKR\*EAERICIVL\*N\*CSTNR\*\*E\*HW\*E\*HW\*CYL\*EL\*DDKL\*HLSHYTGLSKGIF\*ADSHTLLCPGWFCDYKM\*G\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSIAAKWQSSRRRGSTWI\*EFHEQC\*NHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILRNRGYNRKHKTSTL\*H\*\*EKLEQHFKTDS\*KIKRTIWE\*NNNSF\*SILRRRPRSCNAHF\*LWRGIFLL\*YHTTV\*QYLELEYY\*EWE\*YYKQ\*HWSSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRAVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGKIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KFAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAAVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024467.-

MEPVDSRLAPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSKQ\*VVYVMNSLSIVAIVALVVAAIIAIVVWTIVFIECRKVLRQRKIDKLLDRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGQCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*LCRQE\*Y\*\*\*WNRDEDGSRRNKKLLFQYHCKYKR\*EAERICIVL\*N\*CSTNR\*\*E\*HW\*E\*HW\*CYL\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTM\*KCQHSTMYTWN\*ASSISSIAVKWQSSRRRGST\*I\*EFHEQC\*NHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*EKLEQHFRTNS\*KIKRTIWE\*HNNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYQ\*H\*NSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINRRWWY\*YPE\*\*\*Q\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSATAE\*SAAGY\*GATASVATHSLGYQAAPGKSPGSGKIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KFAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024468.-

MEPVDPRLEPWQHPGSQPKTACTTCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQESLSKQ\*VVYVMNSLYIVAIVALVVAAIIAIVVWTIVFIEYKKIRRQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*EAERICIVL\*S\*CSTNR\*\*EYHW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSRRRGST\*I\*EFHEQC\*NHNSTAKRICNN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRPIWE\*NNSF\*SILRRRPRNCNAHF\*LWRGIFLL\*YHTTV\*QYSEFY\*EWE\*YYQ\*H\*NSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LFIKYYRTVINKRWW\*\*PE\*HKDRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSATAE\*SAEGY\*GATSSVATHSLGHQAAPGKSPGSGKIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KFAEPARKE\*KRIIGIR\*MGKFMELV\*YNRMAVVYKNIHNDSRRINRVKNSCYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024469.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRST\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHQ\*\*\*N\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNG\*W\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKRNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAVQ\*\*LV\*YYK\*FLEYYDRVK\*HDHTPM\*NKANYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*V\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGRQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISKGDLG\*HDLDAVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCRNLYSK\*R\*AGILTIIVPDPPPSSEGTRRARRNRRRRWRERQKYLHSI

>B.2005.JN024470.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKRNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAVQ\*\*LV\*YYK\*FLEYYDRVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*V\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISKGDLG\*HDLDAVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*R\*AGILTIIVPDPPPSSEGTRRARRNRRRRWGERQKYLHSI

>B.2005.JN024471.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRST\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHQ\*\*\*N\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNG\*W\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKRNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAVQ\*\*LV\*YYK\*FLEYYDRVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRYEG\*LEK\*II\*V\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSINNADGTGQTIAVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISKGDLG\*HDLDAVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*R\*AGILTIIVPDPPPSSEGTRRARRNRRRRWRERQKYLHSI

>B.2005.JN024472.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRR\*SI\*DRST\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHQ\*\*\*N\*GKPLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNG\*W\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKRNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAVQ\*\*LV\*YYK\*FLEYYDRVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*V\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISKGDLG\*HDLDAVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*R\*AGILTIIVPDPPPSSEGTRRARRNRRRRWRERQKYLHSI

>B.2005.JN024473.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRST\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHQ\*\*\*N\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNG\*W\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKRNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAVQ\*\*LV\*YYK\*FLEYYDRVK\*YDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*V\*SSTN\*TIRSSTHRGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSINNADGTGLTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISKGDLG\*HDLDAVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*R\*AGILTIIVPDPPPSSEGTRRARRNRRRRWRERQKYLHSI

>B.2005.JN024474.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRST\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHQ\*\*\*N\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNG\*W\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKRNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAVQ\*\*LV\*YYK\*FLEYYDRVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*V\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISKEDLG\*HDLDAVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRRFDRFKNSFCCNLYSK\*R\*AGILTIIVPDPPPSSEGTRRARRNRRRRWRERQKYLHSI

>B.2005.JN024475.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRST\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHQ\*\*\*N\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNG\*W\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKRNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAVQ\*\*LV\*YYK\*FLEYYDRVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*V\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISKGDLG\*HDLDAVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*R\*AGILTIIVPDPPPSSEGTRRARRNRRRRWRERQKYLHSI

>B.2005.JN024476.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCSLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVATIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRST\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLY\*CEYYLYHQ\*\*\*N\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNG\*W\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKRNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCNRTNNKRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAVQ\*\*LV\*YYK\*FLEYYDRVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*V\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISKGDLG\*HDLDAVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*R\*AGILTIIVPDPPPSSEGTRRARRNRRRRWRERQKYLHSI

>B.2005.JN024477.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNP\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCSRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRGSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESYWGATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRKLDRFKNSFYCNLYSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024478.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQIHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTVIKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNIRPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRKLDRFKNSFYCNLYSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024479.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDGRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNPTVVKWQSSRRRGNT\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*IV\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRKLDRFKNSFYCNLYSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRGRWRERQKYLHSI

>B.2005.JN024481.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRST\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHQ\*\*\*N\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNG\*W\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKRNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSGRRGST\*I\*KYHEQC\*NHNNTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCNRTNNRRYKKSILHP\*WHKLG\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAVQ\*\*LV\*YYK\*FLEYYDRVK\*HDHTPM\*NKTNYKHVAASRKSNIRPSHQRKN\*LYIKCYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*V\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESC\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LEQ\*ISKGDLG\*HDLDAVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNNSRRLDRFKNSFCCNLYSK\*R\*AGILTIIVPDPPPSSEGTRRARRNRRRRWRERQKYLHSI

>B.2005.JN024482.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYRKILRQRKIDRLTDRIRERAEDSGNEGEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRCQSI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVPWKWNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWGRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TGIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRKLDRFKNSFYCNLYSK\*S\*AGILTIIVPDPLPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024483.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKESSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPSCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRKLDRFKNSFYCNLYSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024484.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRKLDRFKNSFYCNLYSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024485.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVMWAIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHNTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRKFDRFKNSFYCNLYSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024486.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRRRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHQ\*\*\*N\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNG\*W\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCNSKV\*G\*EVQWKRNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYDAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSIHQGKEKSGAKRKKSSGIRGSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHLTRTIAEPTRKERTRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRKLDRFKNSFYCNLYSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024487.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHDRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYRKILRQRKIDRSIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNLRTNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*ARIIGVR\*MDKFVELV\*HNKLAVVYKNIHNDSRKLDRFKNSFYCNLYSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024488.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRRRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSKHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCGRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFRYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGPTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKQAVVYKNIHNDSRKLDRFKNSFYCNLYSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024489.acute\_infection

MEPVDPSLEPWKHPGSQPRTACSNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRST\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHQ\*\*\*N\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNG\*W\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKRNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCDRTNNRRYKKGILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIYRRGPRNYNAHL\*LWRGIFLL\*YNTAVQ\*\*LV\*YYK\*FLEYYDRVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*V\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISKGDLG\*HDLDAVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*R\*AGILTIIVPDPPPGSEGTRRARRNRRRRWRERQKYLHSI

>B.2005.JN024490.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGTSHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHGPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKRTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSRYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HNHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAGQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGERN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRKLDRFKNSFYCNLYSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024491.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKVQG\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEE\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRRE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRKLDRFKNSFYCNLYSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024492.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRST\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHQ\*\*\*N\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNG\*W\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLRPGWFCDSKV\*G\*EVQWKRNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAVQ\*\*LV\*YYK\*FLEYYDRVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*V\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISKGDLG\*HDLDAVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*R\*AGILTIIVPDPPPSSEGTRRARRNRRRRWRERQKYLHSI

>B.2005.JN024493.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRRRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRHTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*N\*AGILTIVVSDPPPSSEGTRQARRNRRGRWRQRQRQIQAL

>B.2005.JN024494.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDANDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*GYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWNWASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLYKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024495.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCTHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVASVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCSGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRVDINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYREIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2004.JN024496.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELCVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKASTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQGTN\*MFIKYYRAAINKRWWCEHRHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALECQLEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024497.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRHKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHVPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.1995.JN024498.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHRQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQAPLPKQ\*VVHVMPSLEILVSIVALVVAGIIAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*RRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*\*YH\*SH\*QLGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRTCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWYRRGK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TKIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1996.JN024499.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VVHVMPSLEILVSIVALVVAVIIAIVVWSIVFIEYKKILRRRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*KRVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVNSTLCYFKLH\*\*G\*WYY\*\*\*YH\*SH\*QLGNGGKRRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFKKDCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*KWEWY\*RGK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYRATINKRWW\*\*\*YDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSSLPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISGRNLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPSSEGTRQARRNRRRRWREKQRHIRTL

>B.1996.JN024500.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSQTHQAPLPKQ\*VVHVMPSLEILVSIVALVVAVIIVIVVWSIVFIEYKKVLRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWDVNDL\*G\*\*RVVGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKVSPTLCYFKLH\*\*G\*WY\*NQ\*Y\*YQYY\*\*LGNGGERRNKKLLFQYHHKHKR\*GAESICSFL\*T\*CSTNRW\*\*Y\*L\*VNKL\*HLSHYTSLSKDFL\*TNSHTLLCPGWFCASKV\*G\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IGKFHEQC\*NYTSPAKRTCRN\*LYKTQQQYSKRYTYRTRESILYNRQNNRRYKTSTL\*H\*WSKME\*YFK\*DCSKIKRTISE\*NNSF\*SILRRGPRNCNAQL\*LWRGIFLL\*YNKAV\*LE\*Y\*K\*EWY\*RGK\*HNYTPMQNKTNYKPVARSRKSNVCPSHQRTN\*MLIKYYGASINKRWW\*\*\*YDHRDLQTWRRRYEGQLEKRII\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIWSFIPWVLGSSRKHYGRSVNNADGTGQTIIDWYSATAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLYKFNIYLN\*TIAKPARKE\*TRIIGIG\*MGKFMELVWHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGIFTNIISDPPPPSSEGTRQARRNRRRRWREKQRHIRTP

>B.1996.JN024501.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQPLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSKIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFTLH\*CEYYLYHNQ\*\*YHDQ\*\*\*\*\*Y\*GKLLFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNFL\*TRYSTNKK\*\*\*\*\*Y\*LQVDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKRNL\*QCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KFHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMACNRTNNRRYKKSILHP\*\*HKLD\*HSKADG\*KIKRTI\*E\*NNSL\*SIHRRGPRNCNAHL\*LWRGIFLL\*YNTAV\*\*YLV\*YYK\*FLE\*\*DMVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*MYIKYYRAAINKRWW\*YQ\*WDRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGGDLG\*LDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*S\*AGILTIIVTDPLPSSEGTRQARRNRRRRWRERQKHLHSI

>B.1996.JN024502.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQPLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSKIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFTLH\*CEYYLYHNQ\*\*YHDQ\*\*\*\*\*Y\*GKLLFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNFL\*TRYSTNKK\*\*\*\*\*Y\*LQVDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKRNL\*QCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KFHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMACNRTNNRRYKKSILHP\*\*HKLD\*HSKADG\*KIKRTI\*E\*NNSL\*SIHRRGPRNCNAHL\*LWRGIFLL\*YNTAV\*\*YLV\*YYK\*FLE\*\*DMVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*MYIKYYRAAINKRWW\*YQ\*WDRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGGDLG\*LDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*S\*AGILTIIVTDPLPSSEGTRQARRNRRRRWRERQKHLHSI

>B.1996.JN024503.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQLLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSKIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFTLH\*CEYYLYHNQ\*\*YHDQ\*\*\*\*\*Y\*GKLLFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNFL\*TRYSTNKK\*\*\*\*\*Y\*LQVDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKRNL\*QCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KFHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMACNRTNNRRYKKSILHP\*\*HKLD\*HSKADG\*KIKRTI\*E\*NNSL\*SIHRRGPRNCNAHL\*LWRGIFLL\*YNTAV\*\*YLV\*YYK\*FLE\*\*DMVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*MYIKYYRAAINKRWW\*YQ\*WDRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGGDLG\*LDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*S\*AGILTIIVTDPLPSSEGTRQARRNRRRRWRERQKHLHSI

>B.1996.JN024504.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQPLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSKIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFTLH\*CEYYLYHNQ\*\*YHDQ\*\*\*\*\*Y\*GKLLFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNFL\*TRYSTNKK\*\*\*\*\*Y\*LQVDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKRNL\*QCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KFHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMACNRTNNRRYKKSILHP\*\*HKLD\*HSKADG\*KIKRTI\*E\*NNSL\*SIHRRGPRNCNAHL\*LWRGIFLL\*YNTAV\*\*YLV\*YYK\*FLE\*\*DMVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*MYIKYYRAAINKRWW\*YQ\*WDRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGGDLG\*LDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*S\*AGILTIIVTDPLPSSEGTRQARRNRRRRWRERQKHLHSI

>B.1996.JN024505.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCRVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQPLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTRLCTHRPQPTRSKIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFTLH\*CEYYLYHNQ\*\*YHDQ\*\*\*\*\*Y\*GKLLFL\*LYWEGRTEKLLFQYHHKHTR\*GARLCNFL\*TRYSTNKK\*\*\*\*\*Y\*LQVDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKRNL\*QCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KFHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMACNRTNNRRYKKSILHP\*\*HKLD\*HSKADG\*KIKRTI\*E\*NNSL\*SIHRRGPRNCNAHL\*LWRGIFLL\*YNTAV\*\*YLV\*YYK\*FLE\*\*DMVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*MYIKYYRAAINKRWW\*YQ\*WDRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGGDLG\*LDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNNSRRLNRFKNSFCCNLCSK\*S\*AGILTIIVTDPLPSSEGTRQARRNRRRRWRERQKHLHSI

>B.2005.JN024506.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNVKLH\*GEYYLCHSQ\*\*NQDQ\*\*\*YWGKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*LLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRHEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAKQSAESY\*GAAASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISGGDLG\*HDLDGVGKRN\*QLHKCNIHLT\*TIAEPARKE\*TRIIGIG\*MG\*FVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCNLYIK\*C\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024507.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQPLQIAAIVSLVVVAIIAIVVWAIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHQ\*\*\*N\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNG\*W\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*\*\*\*VQWKRRMYQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAVQ\*\*LV\*YYK\*FLEYYDRVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*V\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGGSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISKGDLG\*HDLDAVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*R\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024508.-

MEPVDPSLEPWKHPGSQPRTACNKCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQGHLSKQ\*VIHVMQPLQIAAIVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIREGAEDSGNESEGDHEELSALVEVGHHAPWNIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRDRIEKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNNR\*\*\*\*\*Y\*LQVDTL\*HLSHYTGLSKDNF\*TNSHTLLCPGWFCDSKV\*G\*EVQWKRNLLQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHTLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRHEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCNLNSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024509.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRCQSI\*DRGTQCLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*HGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYL\*\*YHEQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFYCNTAQLFNSSWYSTTNSSWNTTTGPNNTITLPCKIKQIINMWQQVGKAIYAPPIKGKINCTSNITGLLLTRDGGDTDNETEIFRPGGGDMRDNWRSELYKYKVVQIEPLGVAPTKAKRRVVQREKRAVGLGALFLGFLGAAGSTMGAASITLTVQARQLLSGTVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSQREIWDNMTWMQWEKEINNYTSVIYTLLEQSQNQQEKNEQELLELDKWASLWNWFDITQWLWYIKIFIMIVGGLIGLRIVFAVISILNSVRQGYSPLSFQTHLPAPRRPDRPEGIEEEGGGRDRNISTRL

>B.2005.JN024510.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHRQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYL\*\*YHDQ\*\*\*Y\*EKLLFL\*LYLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*R\*EVQWKWNLSQC\*HSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESKVCNRTNNRRYKKSILHP\*WHTLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRSYNAHL\*L\*RGIFLL\*YNTAV\*\*\*LV\*YYK\*FRDTVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRHEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHTDSRRLDRFKNSFCCNLNSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKHLHSI

>B.2004.JN024511.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRSKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSDTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*GWAGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024512.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTRVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKATCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYAGLSKGNL\*ANSNTLLCPGWFCYSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YSECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKCEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHHGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSK\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024513.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRNKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCYPKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQKHIRSI

>B.2004.JN024514.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNYYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLKKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*F\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRGRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSSHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024515.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQAPLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWVPVWKEANTTLFCASDAKAYATEIHNVWATHACVPTDPNPQEVKLENVTEDFDMWNNNMVDQMHEDIISIWDQSLKPCVKLTPLCVTLNCTDLENTTNATNGSSGNTTISTGIKEMKNCSFNVTSGIRDKMKKEYALFYTLDVAPIEDDNRSYTLTSCNTSIITQACPKVTFEPIPIHYCAPAGFAILKCKDKKFNGTGPCRNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSANFSKNTNTIIVQLNESVVINCTRPNNNTRKSIHIAPGRAFYATGEIIGDIRQAHCNLSRAEWNKTLEKVVEKLREQYNKTITFKPSSGGDLEVTMHSVNCGGEFFYCNTTQLFNSTWNVTGSNNTEGNDTITLPCRIKQIINMWQEVGKAMYAPPIRGQIRCSSNITGLLLTRDGGVNTTTTNETEVFRPGGGNMKDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAIGIGAVFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICNTAVPWNASWSNKSQKYIWDNMTWMQWEREISNYTDLIYNLLEESQNQQDKNEQELLELDKWASLWNWFSITNWLWYIKIFIMIVGGLVGLRIVFAILSIVNRVRQGYSPLSLQTRLPTPRGPDRPEGIEEGGGERGRDASGRL

>B.2004.JN024516.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQAPLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRGF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLPKGNL\*ANSNTLLCPGWFCYSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NLRKGS\*KIKRTI\*QNNNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGESPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024517.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VIYVMPALYILSIVALVVAVIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVETGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRPQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRLE\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*C\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQ\*DRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLSIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCSTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024518.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILRIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*VCSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*C\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGVLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024519.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILRIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCGRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAVCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFLQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRRNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*C\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCTLEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSK\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024520.-

MEPADPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQ\*VVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRGAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NDNL\*AILRRGLRSYNA\*F\*L\*RGIFLL\*YNTTV\*\*YLGCDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2004.JN024521.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKALGVSYGRKKRRQRRRSPPDSKTHQASLSKQQVVYVMPALYILSIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIRERAEDSGNESEGDQEELLVEMGRDAPWDVDDL\*CYRKIVGHSLLWGTCVERSKHHFILCIRC\*SICYRNT\*RLGHTCLCTHRSQPTRSKIRKCDRRF\*HVEQ\*HGRPDA\*RYNQYMGSKPKAMCKINPTLCYFKLH\*FGKYY\*CH\*W\*FGEYYY\*HRNKGNEKLFFQCHLRNKR\*DEKRICTFLYT\*CSTNRG\*\*\*ELYVDKL\*HLNHYTGLSKGNL\*ANSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQLLEKY\*HHNSTAK\*ICSN\*LYKTQQQYKKKYTYSTRESILCNRGNNRRYKTSTL\*P\*\*SRME\*NFRKGS\*KIKRTI\*\*NNNL\*AILRRGLRSYNA\*C\*LWRGIFLL\*YNTTV\*\*YLECDWVK\*H\*RK\*HNHAPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWCEHHHHQ\*DRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLQHCCALEC\*LEQ\*ISKVYLG\*HDLDAVGKRNQQLHRLNIQLT\*GIAEPARQE\*TRTIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGIFTIIVADPPPNPEGTRQGRRNRRRRWRERQRHIRSI

>B.2005.JN024522.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAAPVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDV\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECCGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024523.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLPKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQ\*QE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHILLCPDWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*HNKIV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFFGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELVRHNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSGGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024524.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSTGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWGGIFLL\*YNKTV\*\*YLE\*Y\*ECGERAR\*HYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024525.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*I\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMCKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECCGGRDR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024526.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQSPQT\*EIR\*RKNMHCFINLM\*YQ\*IMIILAIG\*\*VVIPQSLHRPAQRYPLSQFPYIIVPRLVLRF\*NVTIKSSMGQDHVKMSAQYNVLMELGQ\*YQLNCC\*MAV\*QKKR\*\*SDLKISRTMLKS\*\*YS\*TKL\*KLIVQDPTTIQEKVYI\*DQEEHFIQQEK\*\*EI\*DKHIVTLVK\*NGITL\*DR\*LEN\*KNNLRIKQ\*FLINPQEGTQKL\*CTLLIVEGNFSTVIQQNCLIVLGIVLRMLWRKGQITISYSHAG\*SKL\*TCGRK\*EKQCMPLPSQDKLDVHQILQG\*Y\*QEMVVRITTRPRPSDLEEEI\*GTIGEVNFINIK\*\*KLNH\*E\*HPLRQKEEWCREKKEQQ\*ELCSLVSWEQQEALWAQRQ\*R\*RYRPDYCCLV\*CNSRAIC\*KLLRRNSICCNSQSGASSSSRQESWL\*KDT\*RINSSWEFGVALENSSAPLLCPGILVGVINL\*IRYGIT\*PGWSGKEKLTITQAQYTG\*LKNRKTNKKRMNKNYWN\*INGQVYGIGLT\*QNGCGI\*KYS\*\*\*\*QA\*\*V\*E\*LFLYFL\*\*IELGRDTHHCRFRPTSQLRGDPTGPKESKKKVETETETDPGP\*

>B.2005.JN024527.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTGA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*L\*WYQYQWYQYQE\*\*\*SGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*I\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024528.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYVIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDANDL\*CCRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIAL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKMQQ\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*YLE\*Y\*ECGGRVR\*QYHNPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024529.-

MDPVDPSLAPWQHPGSRPKTACTNCYCKACCMHCQVCFVRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGYSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*GYQYQWYQYQE\*\*\*RGNDRRSKKLLLQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLGHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSKNFTDNAKIIIVQLNETVEINCTRPNNNTRKGIHIGPGRAFYTTGEIIGDIRQAHCNISKVKWNNTLGQIVKKLKEQFENKTIIFNQSSGGDPEVVMHTFNCGGEFFYCNTTKLFNSTWNSTKNVEEGSDNIITLPCRIKQIVNMWQEVGKAMYAPPIAGQIRCSSNITGLILTRDGGENNETETFRPGGGDMRDNWRSELYKHKVVKIEPLGVAPTKAKRRVVQREKRAAIGALFLGFLGAAGSTMGAASITLTVQARLLLSGIVQQQSNLLKAIEAQQHLLQLTVWGIKQLQARVLAIERCLKDQQLLGIWGCSGKLICTTAVPWNSSWSNKSLNQIWDNMTWMEWEREIDNYTGTIYRLIEESQNQQEKNEQELLELDKWASLWNWFDITKWLWYIKIFIMIVAGIVGLRITFSIFSIINRVRQGYSPLSFQTHPPAQRGPDRPEGIEEEGGDRDRDRSRPL

>B.2005.JN024530.-

MDPVDPSLAPWQHPGSQPRTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSVVFIEYRKILRQRKMDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNGL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*L\*\*YQYQWYQYQE\*\*\*SGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERNCRN\*LYETQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*QYLE\*Y\*ECGGRAR\*HYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*RDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATLSLGHQAAPGKSPGYRKIPNGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024531.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQR\*RTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSVVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*L\*WYQYQWYQYQE\*\*\*SGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERNCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFFTVIQQNCLIVLGIVLRMWRKGKITLSHSHAG\*SKL\*TCGRK\*EKQCMPLPSQDKLDVHQILQG\*Y\*QEMVVRITRPRPSDLEEEI\*GTIGEVNFINIK\*\*KLNH\*E\*HPLRQKEEWCREKKKQQ\*ELCSLVSWEQQEALWAQRQ\*R\*RYRPDYCCLV\*CNSRAIC\*KLLRRNSICCNSQSGASSSSRQESWL\*KDT\*RINSSWEFGVALENSSAPLLCPGILVGVINL\*IRYGIT\*PGWSGKEKLTITQAQYTG\*LKNRKTNKKRMNKNYWN\*INGQVYGIGLT\*LNGCGI\*KYS\*\*\*\*QA\*\*V\*E\*LFLYFL\*\*IELGRDTHHCRFRPTSQLRGDPTGPKESKKKVETETETDPGP\*

>B.2005.JN024532.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVHVMQSLEIYVIVALVVVAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGYSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKVQ\*L\*\*YQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTM\*KCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERNCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*HYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*RDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATLSLGHQAAPGKSPGYRKIPNGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAAVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024533.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQR\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSSVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCRALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RTAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024534.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKMEKHFGTDS\*KIKRTI\*G\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024535.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYRCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTVERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*STLRRGSRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MYIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNEMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024536.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQS\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024537.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEICAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDTL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTDS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRYEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSGNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQGQIQAL

>B.2005.JN024538.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSVLVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLSQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEKWTIQL\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024539.acute\_infection

MEPVDPRLEPWQHSGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVRTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASAATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024540.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPAREE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024541.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSPSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024542.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLSQYHCKYKRQDAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKDIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKT\*QQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWERYYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHRHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024543.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQRHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGTRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTCRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SGTN\*TIRNSTHKGKEKSGAEGKKNSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATVE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSK\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024544.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLDHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*RNRDKDGSRRNKKLLFQYHCKYKR\*DTERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRNLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024545.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNRIRKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*Y\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*CWL\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLELYWEWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKGNVCPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024546.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CMGHTCLCTHRPHPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HWV\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYAWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*VYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFYWEWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNVCPSHPRTN\*LCIKYYRTVINKRWW\*RPE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPRGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPERDLG\*HDLDGVGKRN\*QLHRHNIRPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024547.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*GAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EP\*DDKL\*HLSHYTGLS\*GIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSSRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRNN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPRGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIISDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024548.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRDT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQERY\*S\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQRH\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPRGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024549.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYNLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKCKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSAAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNVCPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024550.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVRTIVFIEYNKILKQRKIDKLLNRIPERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWDTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EGE\*CYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNVCPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKPNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024551.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPHPTRNKIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYRM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTIINKRWW\*\*PE\*HRDLQTWGRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDPDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KGIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSAPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024552.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*KWNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPARKK\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSEQS\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024553.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQEWY\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVTTHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024554.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRMLERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCHSKLYRHCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNVCPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLGQHDLDGVGKRN\*QLHKLNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024555.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFKTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*Y\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSLAVKWQSGRRRGST\*I\*EFHEQCRNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNVCPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPRGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHTHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024556.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYSLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPARNRIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERICIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*RLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*KVQWNRTMQKCQHSTMYTWN\*ASGINSLAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPRGSTAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPEGDLG\*HDLDGVGKRN\*QLHKHNIRPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSRRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024557.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGVRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRKLDRFKNSFYCNLYSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024558.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKPLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFSDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRKLDGFKNSFYCNLYSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024559.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHK\*YHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRKLDRFKNSFYCNLYSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024560.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQLMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNELAVVYKNIHNGSRKLDRFKNSFYCNLYSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024561.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWAIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHKWYHDQ\*\*\*Y\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNGW\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKWNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*ETQQQYNKKYTYRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAV\*\*\*LV\*YYK\*FLEYYDRAK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSISNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISRADLG\*HDLDAVGKRN\*QLHKCNIHLT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRKLDRFKNSFYCNLYSK\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQKYLHSI

>B.2005.JN024562.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWESSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYETQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024563.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWNIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*H\*NL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024564.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TTRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSAIAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024565.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAVRVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NCGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024566.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDV\*GYN\*FMGSKSKAMCKISPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNACPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQLQARVLAVERYLRDQQLLGIWGCSGKLICTTTVPWNTSWSNKTMEQIWDNMTWMQWEREIDNYTSLIYTLIEESQIQQEKNELDLLKLDNWANLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFAVLSIVNRVRKGYSPLSFQTLLPATRGPDRPEGIEEGGGERDRDTSVRL

>B.2005.JN024567.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRRHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024568.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLYTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCGSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELVWYNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQA\*RNRRRRWRERQRHISSI

>B.2005.JN024569.acute\_infection

MEPVDPRLEPWKHPGSRPQTACASCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYAGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTQQQYKKKYTYSTRESILCNRSNNRKDKRSTL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024570.acute\_infection

MEPVDPRLEPWKHPGSRPQTACTSCYCKNCCFHCQVCFLKKALGISYGRKKRRQRRRAPQGSETHQGSLSKQ\*VVHVMQPLVILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSMLVEMGHHAPWDIDDL\*CCRKFVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YVGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLY\*LELDWYWC\*GY\*GYYCC\*\*Q\*\*YRGNTDEKLLFQYHHKKGR\*DAARVCTFV\*I\*YNTNE\*\*\*E\*YQI\*VNKL\*HLSHYTGLSKSIL\*ANSHTLLCPGWLCDSKV\*\*\*TVQWKRRM\*KYQHSTMYTRN\*TSSINSTAVKWKSSRGRGSD\*I\*EFHKQC\*NHDSTANNSCRN\*LYKTRQQYKKKYTYSTRESILCNRSNNRKDKRSAL\*H\*\*SKMECHFNTGS\*KIKGTI\*E\*NNKLYTTLRRGPRNYNAQF\*LWRGIFLL\*YITTV\*\*\*LEWE\*LYLEYRGK\*NYHTPM\*YKTNYKHVAGSRESNVCPSHQRTN\*MFIKHYRAVINKRWW\*W\*\*HQ\*\*HRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQTAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NYGADLG\*HDLDAVGERN\*QLHKLNIHLN\*RIANPARKE\*TRLIEIR\*LGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSLCCAFYSK\*S\*EGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRHISSI

>B.2005.JN024571.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFMKKALGLSYGRKKRRQRRRPPQGSQTHQGSLSNQ\*VVYVMNSLSIVAIVALVIVAIIAIVVWTIVFIEYNKILKQRKIDKLLNRILERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*SFRTKVGYGLLWGTCVERSQHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRFQHVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLY\*HCRQE\*Y\*\*\*WNRDKDGSRRNKKLLFQYHCKYKR\*DAERTCIVL\*N\*CSANR\*\*HW\*C\*L\*EL\*DDKL\*HLSHYTGLSKGIF\*ANSHTLLCPGWFCDYKM\*G\*EVQWNRTMQKCQHSTMYTWN\*ASSINSIAVKWQSGRRRGST\*I\*EFHEQCKNHNSTAKRICTN\*LYKTQQQYKKRYTYRTREILCNRGYNRKHKTSTL\*H\*\*GKLEQHFKTDS\*KIKRTL\*E\*NNSL\*SLLRRRPRNCNAHF\*LWRGIFLL\*YHKTV\*QYLEFY\*EWE\*YYKIQ\*H\*SSHTPMQNKTNCEQMAGSRKSNICPSHPRTN\*LCIKYYRTVINKRWW\*\*PE\*HRDLQTWRRRYEGQLEK\*TIQI\*SSTN\*TIRNSTHKGKEKSGAEGKKSSTGSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAAGY\*GATASVATHSLGHQAAPGKSPGSGEIPKGSAAPGNLGLLWKTHLHHFCALE\*KLE\*\*NPE\*DLG\*HDLDGVGKRN\*QLHKHNIHPN\*KLAEPARKE\*KRIIGIR\*MGKFMELVSHNRMAVVYKNIHNDSGRINRVKNSFYCIFYSE\*S\*EGILTIIVSDPPPNPEGTRKARRNRRRRWRERQRYIREI

>B.2005.JN024572.-

MDPVDPSLAPWQHPGSQPKTACTNCYCKACCMHCQVCFIRKGLGISHGRKKRRQRRRTPQDSQSHQVSLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*CYRKFVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLQ\*L\*WYQYQWYQYQE\*\*RGNDRRNKELLFQHHHKHKR\*DKERICIVL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLPKDIL\*ANSHTLLCPGWFCDSKM\*Q\*KVQWDRTMYKCQHSTMYSWN\*ASSINSTVVKWQFSRRRGSNQI\*KFHGQC\*NHNSTAERSCRN\*LYKTQQQYKKRYTYRTRKSILYNRRNNRRYKTSTL\*H\*\*SKME\*HFRTGS\*KIKRTI\*E\*NNNF\*SILRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*Y\*ECGGRAR\*QYHTPMQDKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWW\*E\*QRDRDLQTWRRRCEGQLEK\*TL\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSNRSFVPWFLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKGPGYRKIPKGSTAPGNLGLLWKTHLHHCCALEF\*LE\*\*ISESDMG\*HDLDGVGKRN\*QLHKHNIQVN\*RIAKPTRKE\*TRIIGIR\*MGKFMELV\*HNKMAVVYKNIHNDSSRHSRFKNNFFYIFYNK\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRQRQRQIQAL

>B.2005.JN024573.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFLRKGLGISHGRKKRRQRRRAPEDSQTHQVHLSKQ\*VIHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEVGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCFRC\*SI\*DRST\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*CVEK\*YGNPDA\*GYNQFMGSKPKAMCKINTTLCNFKLH\*CEYYLYHQ\*\*\*N\*GKLLLYWEGRTEKLLFQYHHKHTR\*GARLCNVL\*SRYSTNG\*W\*\*Y\*LQVDTL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*G\*EVQWKRNLSQCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGST\*I\*KYHEQC\*NHNSTIEGSCKN\*V\*KTQQQYNKKYTSRTRESMVCNRTNNRRYKKSILHP\*WHKLE\*HSKAGG\*KIKRTI\*E\*NNSL\*SIHRRGPRNYNAHL\*LWRGIFLL\*YNTAVQ\*\*LV\*YYK\*FLEYYDRVK\*HDHTPM\*NKTNYKHVAASRKSNICPSHQRKN\*LYIKYYRAAINKRWW\*YQ\*\*DRDLQTWRRRYEG\*LEK\*II\*V\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSSAPWVLGSSRKHYGRSINNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LEQ\*ISKGDLG\*HDLDAVGKRN\*QLHKCNIHPT\*TIAEPTRKE\*TRIIGVR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCNLYSK\*R\*AGILTIIVPDPPPSSEGTRRARRNRRRRWRERQKYLHSI

>B.2002.JN235958.-

MDPVDPNLEPWNHPGSQPKTACTKCYCKKCCFHCQACFITKGLGISYGRKKRRQRRRAHQDSQTHQVPLSKQ\*VIYVMQSIQIAAIVALVVVGIIAIIVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWDVNDL\*CRTIVGHSLLWSTCMERSNHHSILCIGC\*SIYKRGT\*CLGYTCLCTHRP\*PTRSRIGKCDRRI\*HVEK\*HGRTDA\*RHN\*FMGSKPKAMCKINPTLCYFKLH\*YLP\*\*CY\*Q\*\*\*Y\*YQ\*\*WSDERMP\*K\*DCR\*WGSDEKLLFQDHKHRE\*KEKRICTFL\*S\*CSANR\*\*\*G\*W\*YKLYVEKL\*HLSHYTGLSKGIL\*TNSHTLLCPSWFCDSKV\*R\*EIQWNRTM\*KCQHSTMYTWN\*TSSVNSITVKWQSSRRRDSN\*ISKFHGQC\*NHNSTAE\*ICSN\*LYKAQQQYKKKYTHRTREGIFYNRSYNRRYKTSTL\*H\*\*RKME\*HFKTDSYKIKRTI\*QDNNNFYKFLRRGPRNCRAQF\*LWRGIFLL\*YNTAV\*\*YLE\*\*YLEWYCRTE\*YYYTPMQNKTNYKQVAGSRKSNVCPSHQRND\*LFIKYHRPAINKRWG\*Q\*\*QQQRDLQTSRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSNARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKNPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*QISG\*HLG\*HDLDGVGQRN\*QLHKFNI\*LN\*RIAEPTRKE\*TRLIGIG\*VGKFVGLV\*HIKLAVVYKNIHNDSRRLNRFKNSFYYTFYSE\*S\*AGILTIVIPDPPPSLEGTRQARRNRRRRWRERQRQIRQI

>B.1999.JN235959.-

MEPVDPRLEPWKHPGSQPKTACNTCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRPPHDNQNHQVSLSKQ\*VAHVMQPLEISAIIALVVAGIIVIVVWTIVLIEYRKILRQRKIDRLINRIRERAEDSGNDSEGDQEELSALVERGHHAPWDVDDL\*CCRTRVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGYTCLCTHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTDARGCNQFMG\*KPKAMCKINPTLYYFKLY\*FKCY\*YH\*\*\*RENDGGR\*NKKLLFQGYLRNKR\*DAERICTFL\*T\*CSTNR\*\*\*\*\*L\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSEV\*G\*KVQWNRTM\*KCQHSAMYTWN\*TSSINATAVKWQSSRRRGSN\*ICQSLRQY\*KHNSTAERTCRN\*LYKTQQQYKKKYTYRTRESILYNKNNRRYKTSTL\*H\*\*CKME\*HFKTDSWKTKRTIWE\*NNSL\*SISRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLE\*Y\*RVK\*H\*RR\*CNTHTPMQNKTNYKHVAESRESNICPSHRRTN\*MFIQYYRADINKRWW\*\*Q\*RDHHRDLQTWRRRYKGQLEK\*II\*IQSSKN\*TNRNSTHQGKEKSGAERKKSNSGNRSCVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSAAAKQLAEGC\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*IYR\*YLE\*HDLDAVGKRG\*QLHKLNIHLT\*RIAEPARKE\*TRIIGIR\*MGKFVELV\*HNTLAVVYKNIHNDSRRPDRFKNSFYCTFYSE\*S\*AGIFTIIVSDPPPSTEGTRQARRNRRRRWRERQRQIRLL

>B.1999.JN235965.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQGSQTHQVSLSKQ\*VIHVMPALYILTIVAFIVVAILAIVVWSIVIIEYRKILRQRKIDRLIDRIAERAEDSGNESDGDQEELSALVEMGHHAPWVINDL\*CYRKVVGHCLLWSTCVERSTTTLFCASDAKGYDTEVHNVWATHACVPTDPNPQEVVLENVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTDFGGKNGTTNTTDSGGKIVDTGEIKNCSFNITTSIRDKQKKEHALFYKFDVVPIGNTTDNYTSYRLTKCNTSVITQACPKVTFEPIPIHYCAPAGFAILKCNNKTFGGKGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEEEIVIRSDNFTDNAKIIIVQLNETVNITCTRPNNNTRKSINMGPGRAFYTTGDIIGNIRQAHCNLSRIQWNKTLEGIAKKLKEQFKNKTIEFNPSSGGDPEIVAHSFNCGGEFFYCNTAKLFNSSYTTTVENDTSVIVLPCKIRQFINMWQEVGKAMYAPPIRGPIRCESNITGLLLTRDGGIGGNSTNETEIFRPGGGDMRDNWRSELYKYKVVELEPLGIAPTKAQRRVVQREKRAVGIGALFLGFLGAAGSTMGAASITLTAQAKQLMSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICPTAVPWNASWSNKSLAQIWDNMTWMEWEREIDNYTSLIYTLIEESQNQQEKNEQELLELDKWANLWNWFNITSWLWYIKLFIMIVGGLIGLRIVFTVLSIVNRVRKGYSPLSFQTRLPTASRGPDRPEGIEEEGGERDREGSAPL

>B.2004.JN248321.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFISKGLGISYGRKKRRQRRRAPHGSQTHQASLSKQ\*VAHEMQFEPITIIAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEELSALVERGHLALGNINDL\*CYKQLVGHSLLWGTCVERSDHHSILCIRR\*SLYDRGT\*CLGHTCLCTHRPQPTGNILDKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCQINPTLCYFKLH\*CY\*Q\*\*\*HGKEWY\*SHQ\*\*HGKDG\*RRNKKLLFQCHHRHKR\*DTERICTFL\*T\*CSTNR\*G\*G\*HKLYIDEL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDCKV\*\*\*EVQWNRKM\*KCQHSTMYTWN\*TSSVNSTAIKWQSIRRRGSN\*I\*KFHGQC\*NYNSTAE\*IYSN\*LYKAQQQYKKKYTYSTGEGILYNRRNNRKYKTSTL\*H\*\*NKME\*HFKTDSYKIKRTIWE\*NNNL\*SLLRRRPRNCNAQF\*LWRGIFLLQYITAV\*\*YLAV\*\*YLEQYLG\*Y\*Y\*RVKWNKRHRTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRAVINKGWR\*K\*\*HKPN\*GLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSGTHQGKEKSGAERKKSSGSRSFASWVLKCSRKHYGRSVSDVDGTGQTIIVWYSATAEQFAEGY\*CATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHLCALE\*QLE\*\*IPK\*DLG\*HDLDAVGKRN\*QLHRLNIHLT\*TIAEPTGKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAIYSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRQRQRQLHSL

>B.2004.JN248329.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMKKGLGIFYGRKRRQRRRSPQDNQTHQASLPKQ\*VVNVMNTLTILAIVALVVAATIAIVVWTIVLIEYRKLLRQKKIDRLIDRIRERAEDSGNESDGDQEELSAILEMGHLAPWVVDDQ\*CCKKLVGHSLLRGTCMERCNHNSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDAGRYNQFMGSKPKAMCKINPTLCYFKLQKCYY\*YQYDDRRNEKLLFQCHHKHTD\*GEGLCTFL\*S\*CSRIK\*K\*\*\*\*YRI\*DDTL\*HLSHYTSLSKGIL\*ANSHTLLYPGWFCDYKV\*Q\*KVQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*QLHGQC\*SHNSAAK\*ICRN\*LYKTQQLYKKKNKYRTRASMDYNRTNNRRYKTSTL\*P\*\*NKLD\*HVKTGSCKIKGTIWEQQNNSL\*\*ILRRGPRDYEAQF\*LWRRIFLL\*YSTTV\*\*HLE\*\*\*Y\*E\*YYRRWNYHAPLQNKTNCKHVAGSRKSNVCPSH\*RTN\*MFIKYYRVAINKRWW\*\*WEQYQRDLQTWRRRYEGQLEK\*II\*V\*SSKN\*TIRSSTHRGKEKSGAERKKSSGSDRSYVPWVLGSSRKHYGRSVNNADGTDQTIVVWYSATAEKSAEGY\*GTTTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*ISG\*HLG\*YDLDGVGQRNSQLHKRNICLN\*TIAEPTRKE\*TRIIEIG\*VGKLVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCTFYSK\*S\*AGILTSVFTDPLPSPGGTRQARRNRRRRWRARQRQIREI

>B.2004.JN248333.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRKPPPDSQTHQVPLPKQ\*VTYVMQPLEIAAIVALVVAAIIVIVVWTIVFIEYKKLRRQRKIDRIIERIRERAEDSGNESEGDQEELSALVGMEHHVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVERSNHHAILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVAK\*HGRADA\*GYNQFMGSKPKTMCKTNPTLCYSKLY\*FNF\*\*YRSYYQ\*\*R\*\*\*\*L\*GSERHEKLLFQCNHKHKR\*DKERICILL\*T\*YSCNRWC\*\*QL\*VDKL\*HHNHHTDLSKGIL\*ANSHTLLYSSWFCTSKM\*G\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSTAIKWQSSRRRGSN\*ICQFLKQC\*KYNSSAE\*ACRN\*LYKTQQ\*YKKRYTFCTREHILCNRRNNRRHKTSILQR\*WSEMESHFKTSSYEIKRTICE\*NNNF\*\*LLRRGPRNCTAQFYLWRGIFLL\*YNTTV\*\*YLEG\*\*YLE\*E\*YWGQ\*\*\*K\*QHYHTPMQNKTNYKQVAGSRKSNVCPSYQRTN\*LFIKYYRAATNKRWWG\*\*\*\*Y\*DLQTCRRRYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNTRSYVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQFAESY\*GATAHVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISR\*YLA\*HDLDGVGKRN\*QLHRHNILLN\*RVTEPTRKE\*TRLISIR\*MGKFVGLV\*YNKMAVVYKNIHNDSRRLGRFKNSFYCIFHNK\*S\*AGILTIIISDPPPSPAGTRQARRNRRRRWRARQRQIQTI

>B.2004.JN248335.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCSFHCQVCFMKKGLGIFYGRKKRRQRRTAPQDSQTHQDSLPKQ\*VVNVMQALHIAAIVGLVVAAIIAIVVWTIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSAYMEMGHLIPRNVDDL\*CCRKLVGHSLLWGTGMERCIHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDAGRYNQFMGSKPKAMCKINPTLCHFKLQ\*FEKYYY\*YQY\*RESRNKKLLFQYHHKHKN\*GKRLCIFL\*F\*YSTNR\*R\*E\*DYQLYPI\*ADKL\*HLSHYTSLSKSIL\*ANSHTLLYPGWFCASKV\*R\*KVQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*IQKFHGQY\*NYNNTAE\*IYSN\*LYKTQQQYKKKYPSRTRESMVCNRRNNRRYKTSTL\*P\*\*HKMECHFKKDNCKIKRTIWEQNNNL\*SICRRGPRDCSAQF\*LWRGIFLL\*YITTV\*\*YLVC\*WY\*YWE\*YYKKWHYHAPLQNKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRDTINKRWW\*W\*\*DHQYH\*DLQTYRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSDNRSYVPWVLGSSRKHYGRSVNNADGTGQTIAVWYSATAEKFAEGD\*GATASVAAHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISE\*DLG\*YDLDAVG\*RN\*QLHKRNIHIN\*RIAKPTRKK\*TRFIETG\*VGKLVELV\*HIKMAVVYKNIHNDSRRLGRFKNSFCCAFNSE\*S\*AGILTIVISDPLPDPEGTRQARRNRRRRWRERQRQIREI

>B.2004.JN248337.-

MDPVDPKIEPWKHPGSQPKTACTKCYCKKCCFHCQVCFLQKGLGISYGRKKRRQRRRTPPGSENHQVSISKQ\*VVHVMQSLVIFAIVALVIVGIIAIVVWTIVFLEYRKLLRQKKIERLIDRIRERAEDSGNESEGDEEALAELMDRGHLAPWNVDDDL\*C\*KFVGHSLLWGTCVEGCKHHSILCIRC\*SIQNRGA\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMC\*INTTLCYFTL\*\*YRE\*D\*EWD\*CQ\*\*LGCGK\*HKKLLFQCHHNVRREGEVNICFLQ\*P\*YNTIGK\*\*\*YI\*IDKV\*YHSHYTSLS\*GNL\*ANSHTLLYPGWFCDYKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSIVVKWQSSRRRGNN\*I\*KFHKQC\*NHNSTAEPLCSN\*LYKTQQQYKEKYTSWTRESIIYNRHNRRYKKSIL\*H\*\*RRVE\*NFNTDS\*KVK\*SIWE\*KHNL\*AILRRGPRNYNSQF\*LWRGIFLL\*YNTTV\*RYLE\*WYLG\*\*HLE\*YH\*RDHPPMQNKTNCEHVAGSRKSHICPSHPGTN\*LFIKYYRAAINKRWW\*\*\*\*YKQDPGRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAE\*FAESY\*GAAAHVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALE\*YLE\*E\*NPE\*HLE\*HDLDRVGKRN\*QLHKLNIHLN\*RLAEPARKE\*TGIIGIG\*VGQFVELV\*YNTMAVVYKNIHNDSRRLDRFKNSFCCNFYSK\*S\*AGILTNIITDPLPSSEGTRQARRNRRRRWRERQRRINSI

>B.2005.JN248343.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKXCCFHCQVCFTKKGLGISYGRKKRRQRRRTPQGSQTNQVSLPKQ\*VIHVMSSLYILTIVAFVVVTIIAIVVWSIVFIEYRRILRQRKIDRLIDRIREREEDSGNESEGDQEELSALVEMGHHAPWDIDXL\*C\*KLVGHSLLWGTCVERSNHHSILCIRC\*II\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKTNPTLCHFKLQ\*CELQ\*CECYYL\*\*CECY\*CYCRGNEGLKKLLFQYHHKNEREGAERVRIFL\*I\*CSTNR\*Y\*\*L\*VDKL\*HLSHYTSLSKSIL\*ANSYTLLYPGWFCTSKV\*RQEIQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRDSN\*I\*KFHGQC\*NHNSTAE\*ICSN\*LYKTQ\*QYKKKYTCRTRESIVYNRNNRRHKTSTL\*H\*\*CGME\*HLKTDSYKIKRTIWK\*NNNL\*ALLRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*EYLAG\*\*Y\*RVKQY\*TKYHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MFIKYYRVAINKRWG\*CH\*RY\*DLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAKRKESSGYNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVRYSATAEQFAEGY\*GATAFVATHSLGH\*AAPGKNPGCGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*QISGNHLEQHDLDGVG\*RN\*QLHKLNIHLN\*XIAEPARKE\*TRIISIR\*VGKSVELV\*HNKVAVVYKNIHNDSRRLDRFKDSFYCTFYNK\*S\*AGILTIIVSDPLPSTEGTRQARRNRRRRWRERQRQIRDI

>B.2005.JN248344.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRTPQDSQTHQASLSKQ\*VVHVMLSIDTLTIIAIVALVVVGIIAIVIWSIVLIEYRKILRQRKIDRLIDRIREREEDSGNESEGDQEELSVLVGRGNLAFGDIDDL\*CCCRQLVGHSLLWGTCVERSDHHPILCIRS\*SI\*YRGT\*CLGHTCLCTHRPQPTGDIIGKCDRKF\*HVEK\*HGRTDARGHNQFMGSKPKAMCKINPTLCYFKLH\*C\*KH\*\*\*HGKEWY\*\*HY\*\*PENDGRRRNEKLLFQCHHKHRR\*EKERICTFL\*IRCNVNR\*G\*PKLCINKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*AVQWNRTMYKCQHSTMYTWN\*ASGVNSTTIKWQSIRRRGSN\*I\*KYHEQC\*KYNSTAE\*ICSN\*LYKAQQQYKKKYKLHTWEYILCNRYNRKYKTSTL\*Y\*CRKMEEHFKKDSYKIKRTI\*G\*E\*NNIL\*ALHRRGPRNRNAQF\*LWRGIFLLQYNTAV\*YYLDA\*WYFEWYLGT\*QHNHTPMQNKTNYKQVAGSRKSNVCPSHPRTN\*LCIKYYRTVINKGWW\*G\*WHKPDC\*GLQTCRRKYEGQLEK\*II\*I\*SSKN\*TTRSGTHQGKEKSGAERKKSSGSRSFAPWVLECSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*CATAYVAAHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHRCALECQLE\*\*ISK\*YLGEHDLDGVGKRN\*QLHKLNIHLT\*TITKPAGKE\*KRLIGIG\*VGEFVELV\*HNKLAVVYKNIHNDSRRHDRFKNSFYCAIYSE\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRYRQRQIQSL

>B.2005.JN248345.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRTPQDSQTHQASLPKQ\*VVHVMSSIDTLTIIAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQDELSVLVERGNLALGDIDDL\*CCYRQLVGHSLLWGTCVERSDHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTGDIIGKCDRKF\*HVEK\*HGRTDARGHNKFMGSKPKAMCKINPTLCYFKLH\*C\*GRRGY\*\*Q\*\*\*HGKYHYP\*\*PEKDGRRRNEKLLFQCHHKHRR\*KKERICTFL\*IRCNVNR\*G\*PKLCINKL\*HLSHHTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*AVQWNRTMYKCQHSTMYTWN\*ASSVNSTAIKWQSIRRRGSS\*I\*KYHEQC\*KYNSTAE\*ICSN\*LYKAQQQYKKKYKLYTWEYILCNRYNRKYKTSTL\*Y\*CRKMEEHFKKDSYKIKRTI\*E\*E\*NNIL\*ALHRRGPRNCNAQF\*LWRGIFLLQYNTAV\*YYLAV\*WYFEWYLGRKQHNHTSMQNKTNYKQVAGSRKSNVCPSHPRTN\*LCIKYYRTAINKRWW\*G\*\*NKQGDLQTCRRKYEGQLEK\*II\*I\*SSKN\*TIRSGTHQGKEKSGAERKKSSGSRSVAPWVLECSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*CATAYVAAHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHRCALECQLE\*\*ISK\*YLGEHDLDGVGKRN\*QLHRLNIQLT\*KIAKPAGKE\*KRLIGIG\*VGKLVELV\*HNKLAVVYKNIHNDSRRHDRFKNSFYCAIYSE\*S\*AGILTIIVADPLPNPEGTRQARRNRRRRWRYRQRQIQSL

>B.2005.JN248346.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAPQDSKTHQATLSKQ\*VVNVMPPLVILAIVALVIGAIIAIVVWTIVILEYRKILRQRKINRLIDRIRERAEDSGNESDGDQEQLLELGHLAPWDIND\*WYGTTIVGHSLLWGTCVERSKNHSILCFRC\*SI\*YRGT\*CLGHTCLCTHRSQPTRSRIGKCDRRF\*HVEK\*HGRTNA\*GCNQFMGSKPKTMCQINPTLCYFKLQ\*L\*YCKLQYWE\*QYECHY\*K\*LCYS\*R\*\*RNKNLLF\*CHNRYKR\*GEERICAFS\*S\*CNINR\*E\*Y\*L\*VDKL\*YLNPYTGLSKSIIPANSYTLLYPSWLCASEV\*R\*EFQWNRKMS\*C\*HSTMYTWN\*TSSINSTAVKWQSIRRRCNN\*I\*KFHKQCQNHNSTAE\*NCKN\*LYKTQ\*\*YKKKHTYSTREDILCNRRDNRRYKTSTLQH\*\*KRME\*HFKTDSYKIKGTI\*KQNNSFSATLRRGPRNCKAQF\*LWGGIFLL\*FNTTV\*\*\*LE\*\*LV\*\*Y\*RVRQHYTSMQNKTNYKHVAANRKGNVCPSHQWNN\*LFIKYYRAVINKRWW\*QSD\*\*\*\*DLQTWRRKYEGQLEK\*II\*I\*SSTN\*TIRSSTHHGKEKSGAERKKSSGNRSSIPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHKAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALE\*\*LE\*E\*ISEGDLE\*HDLDAVGKRN\*QLHKLNIQLN\*RIAEPTRKE\*TRIIRIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIHTF

>B.2005.JN248347.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGIFYGRKKRRPRRRAPQGSQTHQDSLPKQ\*VINVMQPLIIGAIVALVVVAIIAIVVWTIVLIEYRKILRQRKLDRIINRIRERAEDSGNESDGDQEELSAFMEMGHHAPWDVDDM\*WCRKLVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDAGRYNQFMGSKPKAMCKINPTLCYFKLH\*FKE\*\*\*YQYHDRGRRNKKLLFQHHHRHAN\*GERLCIVFYI\*YSTNR\*YQL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCDYKV\*\*KKFQWKRIM\*KCQYSTMHTWN\*ASSINPIAVKWQFSRRRGSN\*I\*QFHEQC\*NHNSTVE\*ICRN\*LYKAQQQYKKKYTSRTRASMVRNRRHNRRYQTSTL\*P\*\*HKME\*HFKTDS\*EIKKTI\*EQNNNL\*SLLRRGPRNYNAQF\*LWRGILLL\*YITTV\*\*YLAE\*YLD\*HQYLE\*YCRK\*HYHAPLQNKTNCKHVAGSRKSNVCPSHRRKN\*MFIKYYRVVINKRWW\*\*HERDLQTWRRRDEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKESGNRSCVPWVFGSSRKHYGRSVNNADGTGQTIVVWCSAAAEKFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGMLWKTHLHHCCALEY\*LE\*\*IP\*\*HLE\*HDLDAVGKRN\*\*LHKRNIQIN\*RIAEPTRKE\*TRIIGVG\*MGKLVELV\*HNTMAVVYKNIHNDSRRLSRFKNSFCCTFYSE\*S\*AGILTIVITDPLPSPEGTRQARRNRRRRWRERQRQIREI

>B.2005.JN248348.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTRKGLGIFYGRKKRRQRRRAPQDSETHQASXSKQ\*VVNVMPALTILAIVALXVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSAXLEMGHHAPXDVDDL\*CCKKLVGHSLLWGACMERSDHHSILCIKC\*SI\*XRGT\*CLGHTCLCTHRPQPTRSIIGKCDRKL\*HVXK\*HGXSNA\*RYNQFMGSKPKXMCXINPILCYFKLH\*FNKXY\*XQ\*YDRGRXRRNEKLLFQYHHKHKN\*DKRLCTFL\*T\*CSTNKGG\*\*\*Y\*L\*VDKM\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSTM\*Q\*KVQWNRTM\*\*CQYSTMHTWN\*ASSFNSIAVKWQFSRRRGSN\*I\*KFLXQC\*GHNSTAEGXCRN\*XYKTQQQYEKKYTFRTRESMVYNRTNNRKYKTSTL\*PYWRKME\*HFKKDX\*KIKRTIWEQNNSLQSILRRGPRD\*NAHF\*LWRGIFLLQYINTV\*\*YLEXE\*YW\*WE\*YYHWE\*YYHAPLQNKTNCKHVAKSRNSNVCSSHCRTN\*MYIKYYRVNINKRWWKHH\*\*DGDLQTWRREYEGQLEK\*II\*I\*SSKN\*TIRSSTX\*GKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIAVWYSATAEKFAXGY\*GATTSVATHSLGHQAAPGKSLGCGKIPKGSTAPGDLGLLWKTHLHHCCALEX\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*KLHRSNIXLN\*TIAEPTRKE\*TRIIGVG\*VGKLVELV\*HNKMAVVYKNIHNDSRRLGRFKNSVCCTFYSK\*S\*AGILTIVITDPLPSPGGTRQARRNRRRRWRARQRQIREI

>B.2005.JN248353.-

MEPVDPRLEPWKHPGSRPKTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRTSQNSETHQASLPKQ\*VVHVMQSLIIFSIVALVIVAIIAIVVWTIVLIEYRKILRQRKIDRIVERILERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRKFVGHSLLWGTCVERCKYHPILCIRC\*SIFYRGT\*YLGHTCLCTHRPQPTRSRVEKCDREF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*YQ\*\*YCGKDGGRRGKKLFFQYHHRNNR\*EEKRICTVL\*T\*CSSNRR\*\*\*CQ\*\*\*FFQL\*IDKL\*HLSRYTGLSKGIL\*TNSHTLLCSSWFCDSKV\*\*\*NVRGERTMYKCQHSPMYTWN\*ASSINSTVVKWQFSRKRGSN\*S\*QSHEQC\*HHNSAADRSCRN\*LYKTQQQYKKRYTYRTRERNVLCNRHNRRYKKSTL\*H\*\*NKME\*HFKKGS\*KIRGKI\*SN\*NNL\*FLLRRGPRSCNAHF\*LWRGILLL\*YNNTV\*\*YLD\*\*YLD\*QLN\*H\*RQYHTHTPMQNKTNCKHVAGSRKSNVCPSHPRKDYMFIKYYRAAIDKRW\*QKRNRGDLQTYRRKY\*GQLEK\*II\*I\*SSTD\*TIRSSTHPGKEKSGAERKKSNRGNGSYVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATAEQPAEGY\*GATAPVATHSLGHQAAPGTSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALE\*YLE\*\*NSERYLG\*HDLDGVG\*RN\*QIHKYNIQLA\*RIAEPTRTE\*TRIIGIR\*MGKLVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCAIYSE\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRERQRNIRTI

>B.2005.JN248354.-

MEPVDPRLEPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRPPQDSQAHQVSLSKQ\*VVNVMQPLVIAAIVALVVVTIIAIVVWTIVLIEYRKIRRQKKIDRIIDRIRERTEDSGNESEGDQEELSALVVEMGHHAPWDVANL\*YCREIVGYNLLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GCN\*FMGSKPKAMCKINPTLCYFKLL\*LFGK\*\*YQ\*\*\*YH\*\*\*CQ\*\*\*YH\*\*\*\*SGNDGGRNEKLLFQYYHKHRREGEERSTFL\*P\*C\*TNRE\*\*Y\*L\*IEKL\*HFNYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*EVQWHRTM\*KCQHSTMYTWN\*ASSVNSTPVKWQSSRRRGSN\*I\*QFHRQC\*NYTSTAAGTCNN\*LYKTQQQHEKRYTFRTRESIIHNRNSRKYKTSIL\*H\*\*GKME\*HFRRDS\*KIKRRISE\*NNNL\*SILRGGPRNNDAQF\*LWRRIFLL\*YITTV\*\*YLVCQWY\*WYYSAK\*\*H\*KNYHTPM\*NKTNYKHVARSRKSNICPSHCRTN\*LFIKYYRAAINKRWW\*\*\*RDHHQ\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*TFRNSTHQGKEKSGAKRKKSSNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAKQFAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTTPRDLGLLWKTHLHHCCALEY\*LE\*\*II\*\*HLE\*HDLDAVGKRN\*QLHKLYIHTN\*RIADPTRKE\*TRIIGIR\*VGKFVELV\*HNKLAVVYKIIHNDSRRLSRFKNSFYCTFYNK\*S\*EGILTIIIPDPPPNPEGTRQARRNRRRRWRERQRQIRSL

>B.2002.JN251896.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQTDQASLSKQ\*VVYVMYTSTLTIVSIVALVVVAIIAIVVWTIVIIEYRKILRQRRIDRLLDRIRERAEDSGNESEGDQEELLVEMGHLAPWNVDDL\*CYKT\*CYRTIVGHSLLWGACVERSNHHPILCIRC\*SS\*HRGT\*CLGYTCLCTHRP\*PTGSSIGKCDRKF\*HVEQ\*YGRTDA\*GYNQFMGSKPKTMCKINPTLCYFKLH\*LLH\*\*H\*\*H\*\*Q\*WD\*KLY\*\*NEGRNKKLLFQYHHRQRR\*AAKRICTFL\*K\*FNANRK\*XQ\*LYVDKL\*HLSHYTGLSKGNL\*TNSHTLLCPGWFCDSKM\*\*\*DI\*GERTM\*QC\*HSTMYTWKYAXSDDSTAVNGSLAEEEIVIRSKNFSNNAETIIVQLNESIAIDCTRPNNNTRKGIHMGFGRTFYATGEIIGDIRQAYCILNKTEWENTLKKVARKLXGQFRNRTIAFNKSSGGDPEIVMHTFNCGGEFFYCNTTPLFNKTWNTTELSQYDSSDTNSNATIILPCRIKQIINRWQEVGKAMYAPPIRGQIRCKSNITGLLLTRDGSTNDTTETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTKAKRRVVQREKRAVTMGAMFLGFLGAAGSTMGAASVTLTVQARLLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNRSQDYIWNNMTWMQWEREIDNYTGLIYTLLEDSQNQQEKNEQELLELDKWASLWSWFDITNWLWYIRLFIIIVGGLVGLRIVFAVLSIVNKVRQGYSPLSFQTRLPVQREPDRPEGIEEEGGERDRDRSIRL

>B.2002.JN251901.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPSQGSETHQVSLSKQ\*VVNVMQSLTIAAIVALVAVGIIAIVVWSLVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDHEELSALVEMGHDAPWDVDDL\*CCRAIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRNSIEQCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLYYFKLQ\*HYY\*\*HYYLGKDGARRNKKLLFQYHHRQKG\*GAKRICTFL\*T\*YSTNK\*K\*\*\*N\*YQL\*VNKL\*YLNHYTSMSKDILGTNSHTLLCPGWFCDSKMQ\*\*GVQWNRTMHKCQHSTMYTWNQASSVNSVVVKWQSSRRRDNN\*I\*KYHKQC\*NHNSTAEGLCKHYVCKTQQQYKKKYKYRTRESILYNRRNNRRYKTSTL\*P\*\*RSMGKNFKPDSYKIKRTF\*E\*NNNLQAILRRGPRNCNAHF\*LWRGIFLL\*YNKIV\*\*HF\*Y\*\*YFKWD\*EQ\*\*NYHTPMQNKTNYKQVAGSRKGNVCPSHQWTN\*V\*IKYYGDAINKRW\*REQQQL\*DLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TTRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVGDADGTGQTITVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*IFGTHLE\*HDLDAVGEGN\*\*FHRLNIQFA\*RIAEPAGKE\*TRIIRIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRVKNSFYCNFYSE\*S\*AGILTLIIPDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2003.JN251906.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGSSTHQASVSKQ\*VIXAMQSLVIFSIVALVVVAIIAIVVWSIVIIEYRKILRQRRIDRIVTRILERAEDSGNESDGDQEELLVEMGHDAPWDINDL\*CYRXSVGHSLLWGTCVERSNHHSILRIRC\*RICERGT\*YLGHXCLCTHRPQPTRNKIGKCDRKF\*HVEKLHGRTDA\*GYNQFMGSKLKAMCKINPTLCYFKLY\*LLE\*YQNX\*\*XRGNNDGXGRNKKLLFQYHHNNKR\*SAERICTFL\*T\*CSTNRGR\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGNL\*ANSYTLLCPGWLCDSKV\*Q\*NIQWKRTMYKCQHSTMXTWN\*ASSINSTAVKWQSSRRRSSN\*I\*QFL\*QC\*NHNSTAEKCCTN\*LYKTQQQHKKRYTYRTRESNVGNRRNNRKYKKSIL\*H\*QRKMG\*HFRTGSYKIKRTI\*E\*NNSL\*SLLRRGSRNCNAQL\*LWRGIFLL\*YNTTV\*\*YMEWY\*RVK\*HKKWHYHTPMQNKTNYKHLAESRKSNVCPSHPRTN\*MFITYYRAAINKRWRYAK\*QEN\*HN\*DFQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCCALEH\*LE\*\*IYGIYLAKHDMDAVGKRN\*QLHRHNIQFN\*RIAEPTRKE\*TRFIGIRQMGKSVELV\*HNKLAVVYKNIHNDSRRLDRFKDSFYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRQIRTY

>B.2011.JN397362.-

MDPVDPNLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSPNNQVPLSEQ\*VVYVMPSLYIVSIVALVVAAILAIIVWSIVFIEYRKILKQQKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVERSKYHSILCIRC\*RI\*ERGT\*HLGYTCLCTHRPQPTRNKIGKCDRKF\*HVEK\*HGRTNA\*RYNQFMGSKPKAMCKSNPTLCYFKMH\*CHY\*H\*CHC\*\*LDNNRGRNEKLLFQYYHKLRRKGTEKVCIFL\*P\*YKTNRR\*\*YFY\*\*LE\*L\*VDKL\*HLSHHTGLSKDIL\*ANPHTLLYPRWFCASKV\*\*NKFQWIRTM\*KCHHSTMYTWD\*ASGVNSTTVKWQSSRKRGSD\*I\*KFHGQC\*IHNSAAE\*ICSN\*LYKTQQQYKNKYKYGTRESILCNGKHNRRYKAGTL\*H\*\*RGME\*NFKICS\*QIRRTI\*HNNNNKVYSILRRGPRNCNAHF\*LWRRIFLL\*YNKTV\*QYLGKNK\*YLEW\*\*NVKWHNHTNHTPMQNKTNNKHVAENRKSNVCPSYSRTN\*LFIKYYRADINKRWWR\*\*E\*CHQRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRVSTHQGTEKSGAERKKSCGIWSAVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSAAPGALGLLWKTHLHHCCALE\*\*LE\*K\*NSGGDLG\*HDLDTVGKRN\*QLHRHNIQFT\*RSANPARHK\*TRIIGIG\*MGKFMELV\*HIKLAVVHKNIHNNSRGHNRFKNSFYCTFYSE\*S\*AGIFTIIVSDPPPSPAGTRQARRNRRRRWRERQRKIRSI

>B.2011.JN397363.-

MDPVDPNLEPWKHPGSQPRAACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSPNNQVPLSEQ\*VVYVMPSLYIVSIVALVVAAILAIIVWSIVFIEYRKILKQQKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVERSKYHSILCIRC\*RI\*ERGT\*YLGYTCLCTHRPQPTRNKIGKCDRKF\*HVEK\*HGRTNA\*RYNQFMGSKPKAMCKSNPTLCYFKMH\*CHY\*H\*CHC\*\*RDNNRGRNEKLLFQYYHKLRRKGTEKVCIFL\*P\*YKTNRR\*\*YFY\*\*LE\*L\*VDKL\*HLSHHTGLSKDIL\*TNPHTLLYPRWFCASKV\*\*NKFQWIRTM\*KCHHSTMYTWD\*ASGVNSTTVKWQPSRKRGSD\*I\*KFHEQC\*IHNSTAE\*ICSN\*LYKTQQQYKNKYKYGTRESILCNGKHNRRYKAGTL\*H\*\*RGME\*NFKICS\*QIRRTI\*HNNNNKVYSILRRGPRNCNAHF\*LWRRIFLL\*YNKTV\*QYLGKNK\*YLE\*\*\*NVKWHNHTNHTPMQNKTNNKHVAENRKSNVCPSYSRTN\*LFIKYYRADINKRWWR\*\*E\*CHQRDLQTWRRRYEGQLEK\*II\*I\*SNKN\*TIKVSTLQGTEKSGEERKKKCGIWSNVPWVVGSSRKHYGRRVSEADGTGRTIMVWYSATAEQFVESC\*GATAQVATHSLGHQAAPGKSPGCGKIPKGSAAPGALGLLWKTHLHHYCALE\*ELE\*KLE\*K\*ISGGDLG\*HDLDTVGKRN\*QLHRHNIQFT\*RSANPARHK\*TRIIGIG\*MGKFMELV\*HIKLAVVHKNIHNNSRRHNRFKNSLYCTFYSE\*S\*AGIFTIIVSDPPPSPAGTRQAQRNRRRRWRERQRQIHSI

>B.2010.JN397364.-

MEPVDPRLEPWQHPGSQPKTACTPCHCKKCCYHCQACFITKGLGISYGRKKRRQRRRASQSGETRQVSLPKQ\*VVHVMPPLYIAAIVALVVAAILAIVVWSIVIIEYRKILRQRKIDRIINRITERAEDSGNESDGDQEELAALVEAGHHALVVEMGHHAP\*DGKELWVTVYYGVPVWREANTTLFCASDAKAYDTEVHNIWATHACVPTDPNPQEVTLGNVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLSCTDYVKNATNTTSGNSTISTENVTVGEEGKTEMKNCSFNITTSLRDRVKKEYALFYNLDVIKIDEDDNSKNNTYRLISCNTSVITQACPKITFEPIPIHYCAPAGFAILKCNDKKFNGSGPCTNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIKSENLTDNXKNIIVQLNESVVINCTRPNNNTRKGITIGPGRAFYATGDIIGDIRQAHCNISKKEWNNTLKKIVIKLREKFENATIAFNRSSGGDPEITMHSFNCKGEFFYCDTSRLFNSTWNGTAQLGILGLMKLGSQTSHSHAG\*NKL\*XCGRK\*GKQCMPLPLKDKLDVHQILQG\*Y\*QEMVAKVITVARPSDLEEEI\*GTIGEVNYINIK\*YKLNH\*D\*HPLRQREEWCREKEEQ\*H\*ELCSLGS\*AQQEALWAQRH\*H\*RYRPDYYCLV\*CNSRTIC\*GLLRRSSICCNSQSGALSSSRQESWLWKDT\*EINSSWGFGVALENSSAPLLCLGMLVGVINLWITSGET\*PGCSGKEKLIITQA\*YTTYLKNHKTNKNKMNKNYWN\*INGQVCGIGLT\*QAGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFLY\*IELGRDTHHCRSRPAPQPRGDPTGPKESKKTVERETETDPDH\*

>B.2010.JN397365.-

MEPVDPSLEPWKHPGSQPKTACTTCHCKKCCYHCQVCFITKGLGISYGRKKRRQRRRASQGGETRQVSLPKQ\*VVNVMPPLQIAAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRIIERIVERAEDSGNESDGDQEELAKLVEMGNHALVVEMGHHAPWDVNDL\*W\*RKIVGHSLLWGTCVERGRHHSVLCIRC\*GI\*YRGA\*YLGHTCLCTHRP\*PTRSNIGKCNRKF\*HVEK\*HGRTDA\*RYNQFMGSKSKAMCKINPTLCYPTMQRREECYSCP\*\*YYR\*CYSGGKNRHEKLLF\*YHHKSKR\*SEKTICTFL\*HGYNKNG\*GKG\*\*\*L\*VNKL\*YLSHYTSLS\*NNL\*TNSHTLLCPGWFCDFKM\*\*\*KVQWIRTMYKCQHSTMHTWN\*ASGINSTTVKWQFSRRRGSN\*IRKFLGQC\*NHNSTVE\*IYTN\*LCETQQQYKKKYDYRTRQSILCNRRHNRRYKTSTL\*R\*\*KSME\*HFEMDSYQTKRTI\*\*NNNL\*SILRGGPRN\*TAQL\*LWRGIFLL\*HIRTV\*\*YLDCYR\*VGGSYTE\*YQHHTPM\*NKTNYKHVAGSRESNVCPSHQRTNQLYIKYHRAAINKRWWY\*\*N\*\*RDLQTCRRKYEGQLEK\*II\*I\*SSTN\*TIRISTHQGKEESGAERKKSSDTRSYAPWVLERSRKHYGRSVADADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGCGEIPKGSTAPGDLGLLRKTHLHHCCALEF\*LE\*\*ICRSHMGKHDLDAVGKRN\*\*LHRLNI\*LT\*KCAKPARKK\*TRLIGIRSMGKSVELV\*HNKMAVVYKNIHNGSRRLNRFKDSFCCTFYIE\*S\*AGILTIVIPDPPPSSKGTRQARRNRRRRWRERQRQIKTI

>B.1997.JN400469.acute\_infection

MDPVDPRLEPWKHPGSQPRTACNTCYCKKCCFHCQVCFTQKGLGISYGRKKRRRRRRPSHDSQSNQVSLSKQ\*VIYVMQSLYISAIVALVVAAILAIIVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CCRRKIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSIIECDRKF\*HVEK\*HGRTDA\*GYS\*FMGSKPKAMCRINPTLCYFNLQ\*CECY\*CH\*C\*\*Q\*\*WRGNIERSKKLHL\*YYHKHKR\*VAERICTFL\*T\*YSTNR\*\*\*\*YL\*DDKL\*HLSH\*TSLSKGIL\*ANSHTFLCPGWFCDSEV\*G\*KIQWNRTL\*KCQHSTMYTWN\*ASNINSITVKWQSSRRRDSN\*I\*KFLEQC\*NHTSTAE\*ICRN\*LYKTQQQHKKRCTYRTRESIFYNKHNRRYKTSTL\*H\*\*RKMGEHFKKSS\*KIKRTIWE\*NNNP\*SILRRGPRNCNAHL\*LWRGIFLL\*YNKTV\*\*YLEHY\*RVK\*H\*RVK\*H\*RTYHTPMQNKTNYKHVAESRKSNVCPSHPWTN\*MFIKYYRAVINKRWW\*\*\*QQRVRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGKKKSGAKRKKSSGIRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGMLWKTHLHHCCALEC\*LEQ\*ISG\*NLE\*HDLDGVGKRN\*QLHRHNIQLN\*GIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTNIVADPPPSSQGTRQARRNRRRRWRERQRQIQSI

>B.1997.JN400470.acute\_infection

MDPVDPRLEPWKHPGSQPRTACNTCYCKKCCFHCQVCFTQKGLGISYGRKKRRRRRRPSHDSQSNQVSLSKQ\*VVYVMQSLYISAIVALVVAAILAIIVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CCRRKIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSIIECDRKF\*HVEK\*HGRTDA\*GYS\*FMGSKPKAMCRINPTLCYFNLQ\*CECY\*CH\*C\*\*Q\*\*WRGNIERSKKLHL\*YYHKHKR\*VAERICTFL\*T\*YSTNR\*\*\*\*YL\*DDKL\*HLSH\*TSLSKGIL\*ANSHTFLCPGWFCDSEV\*G\*KIQWNRTL\*KCQHSTMYTWN\*ASNINSITVKWQSSRRRDSN\*I\*KFLEQC\*NHTSTAE\*ICRN\*LYKTQQQHKKRCTYRTRESIFYNKHNRRYKTSTL\*H\*\*RKMGEHFKKSS\*KIKRTIWE\*NNNP\*SILRRGPRNCNAHL\*LWRGIFLL\*YNKTV\*\*YLEHY\*RVK\*H\*RVK\*H\*RTYHTPMQNKTNYKHVAESRKSNVCPSHPWTN\*MFIKYYRAVINKRWW\*\*\*QQRVRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGKKKSGAKRKKSSGIRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGMLWKTHLHHCCALEC\*LEQ\*ISG\*NLE\*HDLDGVGKRN\*QLHRHNIQLN\*GIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTNIVADPPPSSQGTRQARRNRRRRWRERQRQIQSI

>B.1997.JN400471.acute\_infection

MDPVDPRLEPWKHPGSQPRTACNTCYCKKCCFHCQVCFTQKGLGISYGRKKRRRRRRPSHDSQSNQVSLSKQ\*VVYVMQSLYISAIVALVVAAILAIIVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CCRRKIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSIIECDRKF\*HVEK\*HGRTDA\*GYS\*FMGSKPKAMCRINPTLCYFNLQ\*CECY\*CH\*C\*\*Q\*\*WRGNIERSKKLHL\*YYHKHKR\*VAERICTFL\*T\*YSTNR\*\*\*\*YL\*DDKL\*HLSH\*TSLSKGIL\*ANSHTFLCPGWFCDSEV\*G\*KIQWNRTL\*KCQHSTMYTWN\*ASNINSITVKWQSSRRRDSN\*I\*KFLEQC\*NHTSTAE\*ICRN\*LYKTQQQHKKRCTYRTRESIFYNKHNRRYKTSTL\*H\*\*RKMGEHFKKSS\*KIKRTIWE\*NNNP\*SILRRGPRNCNAHL\*LWRGIFLL\*YNKTV\*\*YLEHY\*RVK\*H\*RVK\*H\*RTYHTPMQNKTNYKHVAESRKSNVCPSHPWTN\*MFIKYYRAVINKRWW\*\*\*QQRVRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGKKKSGAKRKKSSGIRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGMLWKTHLHHCCALEC\*LEQ\*ISG\*NLE\*HDLDGVGKRN\*QLHRHNIQLN\*GIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTNIVADPPPSSQGTRQARRNRRRRWRERQRQIQSI

>B.1997.JN400472.acute\_infection

MDPVDPRLEPWKHPGSQPRTACNTCYCKKCCFHCQVCFTQKGLGISYGRKKRRRRRRPSHDSQSNQVSLSKQ\*VVYVMQSLYISAIVALVVAAILAIIVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CCRRKIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSIIECDRKF\*HVEK\*HGRTDA\*GYS\*FMGSKPKAMCRINPTLCYFNLQ\*CECY\*CH\*C\*\*Q\*\*WRGNIERSKKLHL\*YYHKHKR\*VAERICTFL\*T\*YSTNR\*\*\*\*YL\*DDKL\*HLSH\*TSLSKGIL\*ANSHTFLCPGWFCDSEV\*G\*KIQWNRTL\*KCQHSTMYTWN\*ASNINSITVKWQSSRRRDSN\*I\*KFLEQC\*NHTSTAE\*ICRN\*LYKTQQQHKKRCTYRTRESIFYNKHNRRYKTSTL\*H\*\*RKMGEHFKKSS\*KIKRTIWE\*NNNP\*SILRRGPRNCNAHL\*LWRGIFLL\*YNKTV\*\*YLEHY\*RVK\*H\*RVK\*H\*RTYHTPMQNKTNYKHVAESRKSNVCPSHPWTN\*MFIQYYRSVINKRWW\*\*\*QQRVRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGKKKSGAKRKKSSGIRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGMLWKTHLHHCCALEC\*LEQ\*ISG\*NLE\*HDLDGVGKRN\*QLHRHNIQLN\*GIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTNIVADPPPSSQGTRQARRNRRRRWRERQRQIQSI

>B.1997.JN400473.acute\_infection

MDPVDPRLEPWKHPGSQPRTACNTCYCKKCCFHCQVCFTQKGLGISYGRKKRRRRRRPSHDSQSNQVSLSKQ\*VVYVMQSLYISAIVALVVAAILAIIVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CCRRKIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSIIECDRKF\*HVEK\*HGRTDA\*GYS\*FMGSKPKAMCRINPTLCYFNLQ\*CECY\*CH\*C\*\*Q\*\*WRGNIERSKKLHL\*YYHKHKR\*VAERICTFL\*T\*YSTNR\*\*\*\*YL\*DDKL\*HLSH\*TSLSKGIL\*ANSHTFLCPGWFCDSEV\*G\*KIQWNRTL\*KCQHSTMYTWN\*ASNINSITVKWQSSRRRDSN\*I\*KFLEQC\*NHTSTAE\*ICRN\*LYKTQQQHKKRCTYRTRESIFYNKHNRRYKTSTL\*H\*\*RKMGEHFKKSS\*KIKRTIWE\*NNNP\*SILRRGPRNCNAHL\*LWRGIFLL\*YNKTV\*\*YLEHY\*RVK\*H\*RVK\*H\*RTYHTPMQNKTNYKHVAESRKSNVCPSHPWTN\*MFIKYYRAVINKRWW\*\*\*QQRVRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGKKKSGAKRKKSSGIRSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGMLWKTHLHHCCALEC\*LEQ\*ISG\*NLE\*HDLDGVGKRN\*QLHRHNIQLN\*GIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTNIVADPPPSSQGTRQARRNRRRRWRERQRQIQSI

>B.1997.JN400474.acute\_infection

MDPVDPRLEPWKHPGSQPRTACNTCYCKKCCFHCQVCFTQKGLGISYGRKKRRRRRRPSHDSQSNQVSLSKQ\*VVYVMQSLYISAIVALVVAAILAIIVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CCRRKIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSIIECDRKF\*HVEK\*HGRTDA\*GYS\*FMGSKPKAMCRINPTLCYFNLQ\*CECY\*CH\*C\*\*Q\*\*WRGNIERSKKLHL\*YYHKHKR\*VAERICTFL\*T\*YSTNR\*\*\*\*YL\*DDKL\*HLSH\*TSLSKGIL\*ANSHTFLCPGWFCDSEV\*G\*KIQWNRTL\*KCQHSTMYTWN\*ASNINSITVKWQSSRRRDSN\*I\*KFLEQC\*NHTSTAE\*ICRN\*LYKTQQQHKKRCTYRTRESIFYNKHNRRYKTSTL\*H\*\*RKMGEHFKKSS\*KIKRTIWE\*NNNP\*SILRRGPRNCNAHL\*LWRGIFLL\*YNKTV\*\*YLEHY\*RVK\*H\*RVK\*H\*RTYHTPMQNKTNYKHVAESRKSNVCPSHPWTN\*MFIKYYRAVINKRWW\*\*\*QQRVRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGKKKSGAKRKKSSGIRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGMLWKTHLHHCCALEC\*LEQ\*ISG\*NLE\*HDLDGVGKRN\*QLHRHNIQLN\*GIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTNIVADPPPSSQGTRQARRNRRRRWRERQRQIQSI

>B.1997.JN400475.acute\_infection

MDPVDPRLEPWKHPGSQPRTACNTCYCKKCCFHCQVCFTQKGLGISYGRKKRRRRRRPSHDSQSNQVSLSKQ\*VVYVMQSLYISAIVALVVAAILAIIVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CCRRKIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSIIECDRKF\*HVEK\*HGRTDA\*GYS\*FMGSKPKAMCRINPTLCYFNLQ\*CECY\*CH\*C\*\*Q\*\*WRGNIERSKKLHL\*YYHKHKR\*VAERICTFL\*T\*YSTNR\*\*\*\*YL\*DDKL\*HLSH\*TSLSKGIL\*ANSHTFLCPGWFCDSEV\*G\*KIQWNRTL\*KCQHSTMYTWN\*ASNINSITVKWQSSRRRDSN\*I\*KFLEQC\*NHTSTAE\*ICRN\*LYKTQQQHKKRCTYRTRESIFYNKHNRRYKTSTL\*H\*\*RKMGEHFKKSS\*KIKRTIWE\*NNNP\*SILRRGPRNCNAHL\*LWRGIFLL\*YNKTV\*\*YLEHY\*RVK\*H\*RVK\*H\*RTYHTPMQNKTNYKHVAESRKSNVCPSHPWTN\*MFIKYYRAVINKRWW\*\*\*QQRVRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGKKKSGAKRKKSSGIRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGMLWKTHLHHCCALEC\*LEQ\*ISG\*NLE\*HDLDGVGKRN\*QLHRHNIQLN\*GIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTNIVADPPPSSQGTRQARRNRRRRWRERQRQIQSI

>B.1997.JN400476.acute\_infection

MDPVDPRLEPWKHPGSQPRTACNTCYCKKCCFHCQVCFTQKGLGISYGRKKRRRRRRPSHDSQSNQVSLSKQ\*VVYVMQSLYISAIVALVVAAILAIIVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CCRRKIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSIIECDRKF\*HVEK\*HGRTDA\*GYS\*FMGSKPKAMCRINPTLCYFNLQ\*CECY\*CH\*C\*\*Q\*\*WRGNIERSKKLHL\*YYHKHKR\*VAERICTFL\*T\*YSTNR\*\*\*\*YL\*DDKL\*HLSH\*TSLSKGIL\*ANSHTFLCPGWFCDSEV\*G\*KIQWNRTL\*KCQHSTMYTWN\*ASNINSITVKWQSSRRRDSN\*I\*KFLEQC\*NHTSTAE\*ICRN\*LYKTQQQHKKRCTYRTRESIFYNKHNRRYKTSTL\*H\*\*RKMGEHFKKSS\*KIKRTIWE\*NNNP\*SILRRGPRNCNAHL\*LWRGIFLL\*YNKTV\*\*YLEHY\*RVK\*H\*RVK\*H\*RTYHTPMQNKTNYKHVAESRKSNVCPSHPWTN\*MFIKYYRAVINKRWW\*\*\*QQRVRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGKKKSGAKRKKSSGIRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGMLWKTHLHHCCALEC\*LEQ\*ISG\*NLE\*HDLDGVGKRN\*QLHRHNIQLN\*GIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTNIVADPPPSSQGTRQARRNRRRRWRERQRQIQSI

>B.1997.JN400477.acute\_infection

MDPVDPRLEPWKHPGSQPRTACNTCYCKKCCFHCQVCFTQKGLGISYGRKKRRRRRRPSHDSQSNQVSLSKQ\*VVYVMQSLYISAIVALVVAAILAIIVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CCRRKIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSIIECDRKF\*HVEK\*HGRTDA\*GYS\*FMGSKPKAMCRINPTLCYFNLQ\*CECY\*CH\*C\*\*Q\*\*WRGNIERSKKLHL\*YYHKHKR\*VAERICTFL\*T\*YSTNR\*\*\*\*YL\*DDKL\*HLSH\*TSLSKGIL\*ANSHTFLCPGWFCDSEV\*G\*KIQWNRTL\*KCQHSTMYTWN\*ASNINSITVKWQSSRRRDSN\*I\*KFLEQC\*NHTSTAE\*ICRN\*LYKTQQQHKKRCTYRTRESIFYNKHNRRYKTSTL\*H\*\*RKMGEHFKKSS\*KIKRTIWE\*NNNP\*SILRRGPRNCNAHL\*LWRGIFLL\*YNKTV\*\*YLEHY\*RVK\*H\*RVK\*H\*RTYHTPMQNKTNYKHVAESRKSNVCPSHPWTN\*MFIKYYRAVINKRWW\*\*\*QQRVRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGKKKSGAKRKKSSGIRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGMLWKTHLHHCCALEC\*LEQ\*ISG\*NLE\*HDLDGVGKRN\*QLHRHNIQLN\*GIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTNIVADPPPSSQGTRQARRNRRRRWRERQRQIQSI

>B.1997.JN400478.acute\_infection

MDPVDPRLEPWKHPGSQPRTACNTCYCKKCCFHCQVCFTQKGLGISYGRKKRRRRRRPSHDSQSNQVSLSKQ\*VVYVMQSLYISAIVALVVAAILAIIVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CCRRKIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSIIECDRKF\*HVEK\*HGRTDA\*GYS\*FMGSKPKAMCRINPTLCYFNLQ\*CECY\*CH\*C\*\*Q\*\*WRGNIERSKKLHL\*YYHKHKR\*VAERICTFL\*T\*YSTNR\*\*\*\*YL\*DDKL\*HLSH\*TSLSKGIL\*ANSHTFLCPGWFCDSEV\*G\*KIQWNRTL\*KCQHSTMYTWN\*ASNINSITVKWQSSRRRDSN\*I\*KFLEQC\*NHTSTAE\*ICRN\*LYKTQQQHKKRCTYRTRESIFYNKHNRRYKTSTL\*H\*\*RKMGEHFKKSS\*KIKRTIWE\*NNNP\*SILRRGPRNCNAHL\*LWRGIFLL\*YNKTV\*\*YLEHY\*RVK\*H\*RVK\*H\*RTYHTPMQNKTNYKHVAESRKSNVCPSHPWTN\*MFIKYYRAVINKRWW\*\*\*QQRVRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGKKKSGAKRKKSSGIRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGMLWKTHLHHCCALEC\*LEQ\*ISG\*NLE\*HDLDGVGKRN\*QLHRHNIQLN\*GIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTNIVADPPPSSQGTRQARRNRRRRWRERQRQIQSI

>B.1997.JN400479.acute\_infection

MDPVDPRLEPWKHPGSQPRTACNTCYCKKCCFHCQVCFTQKGLGISYGRKKRRRRRRPSHDSQSNQVSLSKQ\*VVYVMQSLYISAIVALVVAAILAIIVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CCRRKIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSIIECDRKF\*HVEK\*HGRTDA\*GYS\*FMGSKPKAMCRINPTLCYFNLQ\*CECY\*CH\*C\*\*Q\*\*WRGNIERSKKLHL\*YYHKHKR\*VAERICTFL\*T\*YSTNR\*\*\*\*YL\*DDKL\*HLSH\*TSLSKGIL\*ANSHTFLCPGWFCDSEV\*G\*KIQWNRTL\*KCQHSTMYTWN\*ASNINSITVKWQSSRRRDSN\*I\*KFLEQC\*NHTSTAE\*ICRN\*LYKTQQQHKKRCTYRTRESIFYNKHNRRYKTSTL\*H\*\*RKMGEHFKKSS\*KIKRTIWE\*NNNP\*SILRRGPRNCNAHL\*LWRGIFLL\*YNKTV\*\*YLEHY\*RVK\*H\*RVK\*H\*RTYHTPMQNKTNYKHVAESRKSNVCPSHPWTN\*MFIKYYRAVINKRWW\*\*\*QQRVRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGKKKSGAKRKKSSGIRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGMLWKTHLHHCCALEC\*LEQ\*ISG\*NLE\*HDLDGVGKRN\*QLHRHNIQLN\*GIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTNIVADPPPSSQGTRQARRNRRRRWRERQRQIQSI

>B.1997.JN400480.acute\_infection

MDPVDPRLEPWKHPGSQPRTACNTCYCKKCCFHCQVCFTQKGLGISYGRKKRRRRRRPSHDSQSNQVSLSKQ\*VVYVMQSLYISAIVALVVAAILAIIVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CCRRKIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSIIECDRKF\*HVEK\*HGRTDA\*GYS\*FMGSKPKAMCRINPTLCYFNLQ\*CECY\*CH\*C\*\*Q\*\*WRGNIERSKKLHL\*YYHKHKR\*VAERICTFL\*T\*YSTNR\*\*\*\*YL\*DDKL\*HLSH\*TSLSKGIL\*ANSHTFLCPGWFCDSEV\*G\*KIQWNRTL\*KCQHSTMYTWN\*ASNINSITVKWQSSRRRDSN\*I\*KFLEQC\*NHTSTAE\*ICRN\*LYKTQQQHKKRCTYRTRESIFYNKHNRRYKTSTL\*H\*\*RKMGEHFKKSS\*KIKRTIWE\*NNNP\*SILRRGPRNCNAHL\*LWRGIFLL\*YNKTV\*\*YLEHY\*RVK\*H\*RVK\*H\*RTYHTPMQNKTNYKHVAESRKSNVCPSHPWTN\*MFIKYYRAVINKRWW\*\*\*QQRVRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGKKKSGAKRKKSSGIRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGMLWKTHLHHCCALEC\*LEQ\*ISG\*NLE\*HDLDGVGKRN\*QLHRHNIQLN\*GIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTNIVADPPPSSQGTRQARRNRRRRWRERQRQIQSI

>B.1997.JN400481.acute\_infection

MDPVDPRLEPWKHPGSQPRTACNTCYCKKCCFHCQVCFTQKGLGISYGRKKRRRRRRPSHDSQSNQVSLSKQ\*VVYVMQSLYISAIVALVVAAILAIIVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CCRRKIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSIIECDRKF\*HVEK\*HGRTDA\*GYS\*FMGSKPKAMCRINPTLCYFNLQ\*CECY\*CH\*C\*\*Q\*\*WRGNIERSKKLHL\*YYHKHKR\*VAERICTFL\*T\*YSTNR\*\*\*\*YL\*DDKL\*HLSH\*TSLSKGIL\*ANSHTFLCPGWFCDSEV\*G\*KIQWNRTL\*KCQHSTMYTWN\*ASNINSITVKWQSSRRRDSN\*I\*KFLEQC\*NHTSTAE\*ICRN\*LYKTQQQHKKRCTYRTRESIFYNKHNRRYKTSTL\*H\*\*RKMGEHFKKSS\*KIKRTIWE\*NNNP\*SILRRGPRNCNAHL\*LWRGIFLL\*YNKTV\*\*YLEHY\*RVK\*H\*RVK\*H\*RTYHTPMQNKTNYKHVAESRKSNVCPSHPWTN\*MFIKYYRAVINKRWW\*\*\*QQRVRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGKKKSGAKRKKSSGIRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGMLWKTHLHHCCALEC\*LEQ\*ISG\*NLE\*HDLDGVGKRN\*QLHRHNIQLN\*GIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTNIVADPPPSSQGTRQARRNRRRRWRERQRQIQSI

>B.1997.JN400482.acute\_infection

MDPVDPRLEPWKHPGSQPRTACNTCYCKKCCFHCQVCFTQKGLGISYGRKKRRRRRRPSHDSQSNQVSLSKQ\*VVYVMQSLYISAIVALVVAAILAIIVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CCRRKIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSIIECDRKF\*HVEK\*HGRTDA\*GYS\*FMGSKPKAMCRINPTLCYFNLQ\*CECY\*CH\*C\*\*Q\*\*WRGNIERSKKLHL\*YYHKHKR\*VAERICTFL\*T\*YSTNR\*\*\*\*YL\*DDKL\*HLSH\*TSLSKGIL\*ANSHTFLCPGWFCDSEV\*G\*KIQWNRTL\*KCQHSTMYTWN\*ASNINSITVKWQSSRRRDSN\*I\*KFLEQC\*NHTSTAE\*ICRN\*LYKTQQQHKKRCTYRTRESIFYNKHNRRYKTSTL\*H\*\*RKMGEHFKKSS\*KIKRTIWE\*NNNP\*SILRRGPRNCNAHL\*LWRGIFLL\*YNKTV\*\*YLEHY\*RVK\*H\*RVK\*H\*RTYHTPMQNKTNYKHVAESRKSNVCPSHPWTN\*MFIKYYRAVINKRWW\*\*\*QQRVRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSAHQGKKKSGAKRKKSSGIRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGMLWKTHLHHCCALEC\*LEQ\*ISG\*NLE\*HDLDGVGKRN\*QLHRHNIQLN\*GIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTNIVADPPPSSQGTRQARRNRRRRWRERQRQIQSI

>B.2010.JN599164.asymptomatic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRATHSSQNHQVPLSKQ\*VVHVMQSLEIAAIVALVVAIIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSAMLEMGHLAPWDVNDL\*CCRKFVGNSLLWGTCVERSNYHFILCIRC\*NI\*YRGA\*CVGYTCLCTHRPQPTRS\*IEKCDRKF\*HVEK\*HGRTDA\*GYNQSMGSKPKAMCKINPTLCNFKVH\*FEECY\*YH\*\*Y\*WECY\*CH\*\*\*QGNDGGSRNEKLLFQYHHKHG\*GAEGTCTF\*\*S\*CNTNGG\*\*Y\*L\*VNKL\*HLSRHTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTRN\*ASSVNSTIIKWQSSRRRGSN\*I\*KFHEQC\*NHNSTAESICRNSLSKAQ\*IYKTKNTYRTRKSILYSKGHNRRYKESIL\*H\*\*TKLD\*HFIPGK\*EIKRTI\*\*\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YSRTV\*\*YLE\*YLEWK\*KYHTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MLIKYYRVAINKRWWEREHHQHHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCAPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAESY\*GATAFVAAHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCRALEC\*LE\*\*ISRYDLG\*HDLDGVGKRN\*QLHRLNIHLT\*RIAEPARKK\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNVHNDSRRLGRIKNSFSCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1999.JN599165.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRATHSSQNHQVPLSKQ\*VVHVMQSLEIAAIVALVVAIIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSAMLEMGHLAPWDVNDL\*CCRKFVGNSLLWGTCVERSNYHFILCIRC\*NI\*YRGA\*CVGYTCLCTHRPQPTRS\*IEKCDRKF\*HVEK\*HGRTDA\*GYNQSMGSKPKAMCKINPTLCNFKVH\*FEECY\*YH\*\*Y\*WECY\*CH\*\*\*QGNDGGSRNEKLLFQYHHKHG\*GAEGTCTF\*\*S\*CNTNGG\*\*Y\*L\*VNKL\*HLSRHTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTRN\*ASSVNSTIIKWQSSRRRGSN\*I\*KFHEQC\*NHNSTAESICRNSLSKAQ\*IYKTKNTYRTRKSILYSKGHNRRYKESIL\*H\*\*TKLD\*HFIPGK\*EIKRTI\*\*\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YSRTV\*\*YLE\*YLEFK\*H\*KKWK\*KYHTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MLIKYYRVAINKRWWEREHHQHHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCAPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAESY\*GATAFVAAHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCRALEC\*LE\*\*ISRYDLG\*HDLDGVGKRN\*QLHRLNIHLT\*RIAEPARKK\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNVHNDSRRLGRIKNSFSCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JN687739.asymptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRAPQSSSPNQVPLSEQ\*VVHVMQPLVIAAIVALVVAAIIAIVVWTIVLIEYRRLLRQRKIDRLINRIAERAEDSGNESEGDQEELSGLVDMGHHAPWDVDDL\*CSRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*STRSSIGKCDRKF\*HVEKQHGRTDA\*GYNQFMG\*KPKAMCKNNPNLCYFKLH\*LE\*YQ\*YQ\*CH\*\*GGKHSGRNKKLLFQCHHRHRR\*GEKRLCAF\*YN\*YSTNR\*CKFYVDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*GIQWNRTM\*KCQHSTVYTWN\*ASSVNSTAVKWQSIRRGGNN\*I\*KFHKQC\*NHNSTAE\*NGRH\*LYKTQRQYKKEYTYGMGESILCNRRNNRRYKTSTL\*HQ\*SKMEQYLKTDSYKIKRTI\*D\*YYYNNL\*SILRRGPRNCNTQF\*LCRGVFLL\*YNKTV\*\*YLDLE\*YTAVE\*YWRARQ\*NYHTPMQNKTNYKQVAGSRKSNVCPSHQRTY\*LFIKYYRAAINKGWW\*\*HERDRDLQTWGRRYEGQLEK\*II\*I\*SSTN\*ASRSSTLQGKEKSGAEREKSSGSNRSYVPWVLGSSRKHYGRSVTHADGTGQTIIVWYSATAEQYAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGTTAPRTLGLLWENHLHHRCALEC\*LE\*\*ISE\*NLE\*HDLDGVGERD\*QLHRLNIQLT\*RIAKPTRQE\*KRIIRIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNNFYCTFYSE\*S\*AGIFTIVFPDPPPSPEGTRQARRNRRRRWRERQRQIHTI

>B.2007.JN687740.asymptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRAPQSSSPNQVPLSEQ\*VVHVMQPLVIAAIVALVVAAIIAIVVWTIVLIEYRRLLRQRKIDRLINRIAERAEDSGNESEGDQEELSGLVDMGHHAPWDVDDL\*CSRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*STRSSIGKCDRKF\*HVEKQHGRTDA\*GYNQFMG\*KPKAMCKINPNLCYFKLH\*LE\*YQ\*YQ\*CH\*\*GGKHGGRNKKLLFQCHHRHRR\*GEKRLCAF\*YN\*YSTNR\*\*\*CKFYVDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*GIQWNRTM\*KCQHSTVYTWN\*ASSVNSTAVKWQSIRRGGNN\*I\*KFHKQC\*NHNSTAE\*NGRH\*LYKTQQQYKKEYTYGMGESILCNRRNNRRYKTSTL\*HQ\*SKMEQYLKTDSYKIKRTI\*D\*YYYNNL\*SILRRGPRNCNTQF\*LCRGVFLL\*YNKTV\*\*YLDLEWYTAVE\*YWRARQ\*NYHTPMQNKTNYKQVAGSRKSNVCPSHQRTY\*LFIKYYRAAINKGWW\*\*HERDRDLQTWGRRYEGQLEK\*II\*I\*SSTN\*ASRSSTLQGKEKSGAEREKSSGSNRSYVPWVLGSSRKHYGRSVTHADGTGQTIIVWYSATAEQYAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGTTAPRTLGLLWENHLHHRCALEC\*LE\*\*ISE\*NLE\*HDLDGVGERD\*QLHRLNIQLT\*RIAKPTRQE\*KRIIRIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNNFYCTFYSE\*S\*AGIFTIVFPDPPPSPEGTRQARRNRRRRWRERQRQIHTI

>B.2007.JN687741.asymptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRAPQSSSPNQVPLSEQ\*VVHVMQPLVIAAIVALVVAAIIAIVVWTIVLIEYRRLLRQRKIDRLINRIAERAEDSGNESEGDQEELSGLVDMGHHAPWDVDDL\*CSRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*STRSSIGKCDRKF\*HVEKQHGRTDA\*GYNQFMG\*KPKAMCKINPNLCYFKLH\*LE\*YQ\*YQ\*CH\*\*GGKHGGRNKKLLFQCHHRHRR\*GEKRLCAF\*YN\*YSTNR\*\*\*CKFYVDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*GIQWNRTM\*KCQHSTVYTWN\*ASSVNSTAVKWQSIRRGGNN\*I\*KFHKQC\*NHNSTAE\*NGRH\*LYKTQQQYKKEYTYGMGESILCNRRNNRRYKTSTL\*HQ\*SKMEQYLKTDSYKIKRTI\*D\*YYYNNL\*SILRRGPRNCNTQF\*LCRGVFLL\*YNKTV\*\*YLDLEWYTAVE\*YWRARQ\*NYHTPMQNKTNYKQVAGSRKSNVCPSHQRTY\*LFIKYYRAAINKGWW\*\*HERDRDLQTWGRRYEGQLEK\*II\*I\*SSTN\*ASRSSTLQGKEKSGAEREKSSGSNRSYVPWVLGSSRKHYGRSVTHADGTGQTIIVWYSATAEQYAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGTTAPRTLGLLWENHLHHRCALEC\*LE\*\*ISE\*NLE\*HDLDGVGERD\*QLHRLNIQLT\*RIAKPTRQE\*KRIIRIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNNFYCTFYSE\*S\*AGIFTIVFPDPPPSPEGTRQARRNRRRRWRERQRQIHTI

>B.2006.JN687749.asymptomatic

MEPVDPRLEPWKHPGSQPQTPCTNCYCKACCFHCQVCFITKALGISYGRKKRRQRRRPPKNSQTHQASLQKQ\*VVHVMQPLQIAAIVALVVVGLIAIVVWSIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVERGHLAPWNIDDL\*CYRKIVGNSILWGTCVERSNHHSILCIRC\*RI\*DRGT\*CLGYTCLCTHRPQPTRSSIGKCDRRF\*HVGK\*HGRTNA\*GYN\*FMGSKPKAMCKTNPTLCYFTLH\*CECY\*YQ\*YY\*\*C\*\*I\*\*RDEKLLFQYHHKPKR\*GEKRICTFL\*S\*YSTNR\*EQL\*VDKL\*HLSPYTSLSKDIL\*ANSHTLLCPGWLCDSKM\*\*\*DIRGKGTMYKCQHSTMYTWN\*ASSINSIAAKWQSSRRRGNN\*VCQFHEQC\*NHNSTAERVCRN\*LYKTQQQYKKRYTYRTRESILCNRRNNRRYKTSTL\*HYQRKME\*YFKTSS\*KIKRTI\*E\*NHNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YVALE\*YLE\*YKYK\*YQYHTPVQNKTNYKHVAGSRKSNVCPSHQRTN\*VLINYYRAAVNKRWW\*\*QRK\*Y\*DLQTWRERYEGQLEK\*II\*I\*SCKT\*TIRSSTHQGKEKSGAKRKKSSENRSSVPWILGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATTYVATHSLGHQATPGQNPGCGKISKGSAAPRDLGLLWKAHLHH\*CALEY\*LE\*\*ISGLYLGEHDLDAVGKGN\*QLHRLNIQLN\*KIANPTRKE\*KRIIGIR\*MGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNSFSSAFYGV\*S\*AGILTFIVSDPSPSPEGTRQARRNRRRRWRERQRQIRTL

>B.2006.JN687750.asymptomatic

MDPVDPKLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFLTKGLGISYGRKKRRQRRRASHDSKDHQVSLQKQ\*VIHVMTPLVILAIVALVVAAILAIVVWTIVFIEYRRLQRQKKIDRLIDRIRERAEDSGNESEGDEEALAALVEKGHLAPWNIDDL\*LCRKLVGHSLLWGTCVERSNHHSILCIRC\*SL\*YRGT\*CMGHTCLCTHRPQPTRSSIGKCNRRF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYSTLH\*LFRECYQCHQKW\*\*YQ\*CHY\*DR\*RNEGRNKKLLF\*YHHTPKR\*GAESTCIL\*\*T\*CSTNR\*\*\*\*\*Y\*L\*VDKL\*HLKHYTSLSKNNL\*ANSHTFLCPGWFCDSKV\*\*\*NI\*WKGIMYKCQYSTMYTWN\*ASSVNSTAAKWQSSRRRDSN\*I\*KFHKQC\*NHNSTADGTYKYYLCQTQQQYKNKHTYGTRESILCSRRSNRRYKESIL\*D\*YNRME\*HFRKNSWKIQRTIWE\*NNSL\*SILRRGPRNCNSQF\*L\*RGIFLL\*YKKAV\*\*YLVG\*\*YLERH\*RG\*D\*EWHNRTPMQNKTNYKHVAGSRKSNVCPSHQRTNSVFIKYYRAAINKRWG\*\*\*NERNRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTRQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQLAESY\*GAAAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEQ\*LE\*K\*ILGGNLGKHDLDAMGKRN\*QLHRLNIQLN\*NIAKPARKE\*TRLIGIG\*MGKFVELV\*HIKLAVVHKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRARQRQIQAL

>B.2006.JN687751.asymptomatic

MDPVDPKLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFLTKGLGISYGRKKRRQRRRASHDSKDHQVSLQKQ\*VIHVMTPLVILAIVALVVAAILAIVVWTIVFIEYRRLQRQKKIDRLIDRIRERAEDSGNESEGDEEALAALVEKGHLAPWNIDDL\*LCRKLVGHSLLWGTCVERSNHHSILCIRC\*SL\*YRGT\*CMGHTCLCTHRPQPTRSSIGKCNRRF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYSTLH\*LFRECYQCHQKW\*\*YQ\*CHY\*DR\*RNEGRNKKLLF\*YHHTPKR\*GAESTCIL\*\*T\*CSTNR\*\*\*\*\*Y\*L\*VDKL\*HLKHYTSLSKNNL\*ANSHTFLCPGWFCDSKV\*\*\*NI\*WKGIMYKCQYSTMYTWN\*ASSVNSTAAKWQSSRRRDSN\*I\*KFHKQC\*NHNSTADGTYKYYLCQTQQQYKNKHTYGTRESILCSRRSNRRYKESIL\*D\*YNRME\*HFRKNSWKIQRTIWE\*NNSL\*SILRRGPRNCNSQF\*L\*RGIFLL\*YKKAV\*\*YLVG\*\*YLERH\*RG\*D\*EWHNRTPMQNKTNYKHVAGSRKSNVCPSHQRTNSVFIKYYRAAINKRWG\*\*\*NERNRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTRQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQLAESY\*GAAAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEQ\*LE\*K\*ILGGNLGKHDLDAMGKRN\*QLHRLNIQLN\*NIAKPARKE\*TRLIGIG\*MGKFVELV\*HIKLAVVHKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRARQRQIQAL

>B.2006.JN687752.asymptomatic

MDPVDPKLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFLTKGLGISYGRKKRRQRRRASHDSKDHQVSLQKQ\*VIHVMTPLVILAIVALVVAAILAIVVWTIVFIEYRRLQRQKKIDRLIDRIRERAEDSGNESEGDEEALAALVEKGHLAPWNIDDL\*LCRKLVGHSLLWGTCVERSNHHSILCIRC\*SL\*YRGT\*CMGHTCLCTHRPQPTRSSIGKCNRRF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYSTLH\*LFRECYQCHQKW\*\*YQ\*CHY\*DR\*RNEGRNKKLLF\*YHHTPKR\*GAESTCIL\*\*T\*CSTNR\*\*\*\*\*Y\*L\*VDKL\*HLKHYTSLSKNNL\*ANSHTFLCPGWFCDSKV\*\*\*NI\*WKGIMYKCQYSTMYTWN\*ASSVNSTAAKWQSSRRRDSN\*I\*KFHKQC\*NHNSTADGTYKYYLCQTQQQYKNKHTYGTRESILCSRRSNRRYKESIL\*D\*YNRME\*HFRKNSWKIQRTIWE\*NNSL\*SILRRGPRNCNSQF\*L\*RGIFLL\*YKKAV\*\*YLVG\*\*YLERH\*RG\*D\*EWHNRTPMQNKTNYKHVAGSRKSNVCPSHQRTNSVFIKYYRAAINKRWG\*\*\*NERNRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTRQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQLAESY\*GAAAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEQ\*LE\*K\*ILGGNLGKHDLDAMGKRN\*QLHRLNIQLN\*NIAKPARKE\*TRLIGIG\*MGKFVELV\*HIKLAVVHKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRARQRQIQAL

>B.2006.JN687753.asymptomatic

MDPVDPKLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFLTKGLGISYGRKKRRQRRRASHDSKDHQVSLQKQ\*VIHVMTPLVILAIVALVVAAILAIVVWTIVFIEYRRLQRQKKIDRLIDRIRERAEDSGNESEGDEEALAALVEKGHLAPWNIDDL\*LCRKLVGHSLLWGTCVERSNHHSILCIRC\*SL\*YRGT\*CMGHTCLCTHRPQPTRSSIGKCNRRF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYSTLH\*LFRECYQCHQKW\*\*YQ\*CHY\*DR\*RNEGRNKKLLF\*YHHTPKR\*GAESTCIL\*\*T\*CSTNR\*\*\*\*\*Y\*L\*VDKL\*HLKHYTSLSKNNL\*ANSHTFLCPGWFCDSKV\*\*\*NI\*WKGIMYKCQYSTMYTWN\*ASSVNSTAAKWQSSRRRDSN\*I\*KFHKQC\*NHNSTADGTYKYYLCQTQQQYKNKHTYGTRESILCSRRSNRRYKESIL\*D\*YNRME\*HFRKNSWKIQRTIWE\*DNSL\*SILRRGPRNCNSQF\*L\*RGIFLL\*YKKAV\*\*YLVG\*\*YLERH\*RG\*D\*EWHNRTPMQNKTNYKHVAGSRKSNVCPSHQRTNSVFIKYYRAAINKRWG\*\*\*NERNRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTRQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQLAESY\*GAAAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEQ\*LE\*K\*ILGGNLGKHDLDAMGKRN\*QLHRLNIQLN\*NIAKPARKE\*TRLIGIG\*MGKFVELV\*HIKLAVVHKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRARQRQIQAL

>B.2006.JN687754.asymptomatic

MDPVDPKLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFLTKGLGISYGRKKRRQRRRASHDSKDHQVSLQKQ\*VIHVMTPLVILAIVALVVAAILAIVVWTIVFIEYRRLQRQKKIDRLIDRIRERAEDSGNESEGDEEALAALVEKGHLAPWNIDDL\*LCRKLVGHSLLWGTCVERSNHHSILCIRC\*SL\*YRGT\*CMGHTCLCTHRPQPTRSSIGKCNRRF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYSTLH\*LFRECYQCHQKW\*\*YQ\*CHY\*DR\*RNEGRNKKLLF\*YHHTPKR\*GAESTCIL\*\*T\*CSTNR\*\*\*\*\*Y\*L\*VDKL\*HLKHYTSLSKNNL\*ANSHTFLCPGWFCDSKV\*\*\*NI\*WKGIMYKCQYSTMYTWN\*ASSVNSTAAKWQSSRRRDSN\*I\*KFHKQC\*NHNSTADGTYKYYLCQTQQQYKNKHTYGTRESILCSRRSNRRYKESIL\*D\*YNRME\*HFRKNSWKIQRTIWE\*NNSL\*SILRRGPRNCNSQF\*L\*RGIFLL\*YKKAV\*\*YLVG\*\*YLERH\*RG\*D\*EWHNRTPMQNKTNYKHVAGSRKSNVCPSHQRTNSVFIKYYRAAINKRWG\*\*\*NERNRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTRQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQLAESY\*GAAAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEQ\*LE\*K\*ILGGNLGKHDLDAMGKRN\*QLHRLNIQLN\*NIAKPARKE\*TRLIGIG\*MGKFVELV\*HIKLAVVHKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRARQRQIQAL

>B.2006.JN687755.asymptomatic

MDPVDPKLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFLTKGLGISYGRKKRRQRRRASHDSKDHQVSLQKQ\*VIHVMTPLVILAIVALVVAAILAIVVWTIVFIEYRRLQRQKKIDRLIDRIRERAEDSGNESEGDEEALAALVEKGHLAPWNIDDL\*LCRKLVGHSLLWGTCVERSNHHSILCIRC\*SL\*YRGT\*CMGHTCLCTHRPQPTRSSIGKCNRRF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYSTLH\*LFRECYQCHQKW\*\*YQ\*CHY\*DR\*RNEGRNKKLLF\*YHHTPKR\*GAESTCIL\*\*T\*CSTNR\*\*\*\*\*Y\*L\*VDKL\*HLKHYTSLSKNNL\*ANSHTFLCPGWFCDSKV\*\*\*NI\*WKGIMYKCQYSTMYTWN\*ASSVNSTAAKWQSSRRRDSN\*I\*KFHKQC\*NHNSTADGTYKYYLCQTQQQYKNKHTYGTRESILCSRRSNRRYKESIL\*D\*YNRME\*HFRKNSWKIQRTIWE\*NNSL\*SILRRGPRNCNSQF\*L\*RGIFLL\*YKKAV\*\*YLVG\*\*YLERH\*RG\*D\*EWHNRTPMQNKTNYKHVAGSRKSNVCPSHQRTNSVFIKYYRAAINKRWG\*\*\*NERNRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTRQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQLAESY\*GAAAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEQ\*LE\*K\*ILGGNLGKHDLDAMGKRN\*QLHRLNIQLN\*NIAKPARKE\*TRLIGIG\*MGKFVELV\*HIKLAVVHKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRARQRQIQAL

>B.2006.JN687756.asymptomatic

MDPVDPKLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFLTKGLGISYGRKKRRQRRRASHDSKDHQVSLQKQ\*VIHVMTPLVILAIVALVVAXILAIVVWTIVFIEYRRLQRQKKIDRLIDRIRERAEDSGNESEGDEEALAALVEKGHLAPWNIDDL\*LCRKLVGHSLLWGTCVERSNHHSILCIRC\*SL\*YRGT\*CMGHTCLCTHRPQPTRSSIGKCNRRF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYSTLH\*LFRECYQCHQKW\*\*YQ\*CHY\*DR\*RNEGRNKKLLF\*YHHTPKR\*GAESTCIL\*\*T\*CSTNR\*\*\*\*\*Y\*L\*VDKL\*HLKHYTSLSKNNL\*ANSHTFLCPGWFCDSKV\*\*\*NI\*WKGIMYKCQYSTMYTWN\*ASSVNSTAAKWQSSRRRDSN\*I\*KFHKQC\*NHNSTADGTYKYYLCQTQQQYKNKHTYGTRESILCSRRSNRRYKESIL\*D\*YNRME\*HFRKNSWKIQRTIWE\*NNSL\*SILRRGPRNCNSQF\*L\*RGIFLL\*YKKAV\*\*YLVG\*\*YLERH\*RG\*D\*EWHNRTPMQNKTNYKHVAGSRKSNVCPSHQRTNSVFIKYYRAAINKRWG\*\*\*NERNRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTRQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQLAESY\*GAAAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEQ\*LE\*K\*ILGGNLGKHDLDAMGKRN\*QLHRLNIQLN\*NIAKPARKE\*TRLIGIG\*MGKFVELV\*HIKLAVVHKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRARQRQIQAL

>B.2006.JN687757.asymptomatic

MDPVDPKLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFLTKGLGISXGRKKRRQRRRASHDSKDHQVSLQKQ\*VIHVMTPLVILAIVALVVAAILAIVVWTIVFIEYRRLQRQKKIDRLIDRIRERAEDSGNESEGDEEALAALVEKGHLAPWNIDDL\*LCRKLVGHSLLWGTCVERSNHHSILCIRC\*SL\*YRGT\*CMGHTCLCTHRPQPTRSSIGKCNRRF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYSTLH\*LFRECYQCHQKW\*\*YQ\*CHY\*DR\*RNEGRNKKLLF\*YHHTPKR\*GAESTCIL\*\*T\*CSTNR\*\*\*\*\*Y\*L\*VDKL\*HLKHYTSLSKNNL\*ANSHTFLCPGWFCDSKV\*\*\*NI\*WKGIMYKCQYSTMYTWN\*ASSVNSTAAKWQSSRRRDSN\*I\*KFHKQC\*NHNSTADGTYKYYLCQTQQQYKNKHTYGTRESILCSRRSNRRYKESIL\*D\*YNRME\*HFRKNSWKIQRTIWE\*NNSL\*SILRRGPRNCNSQF\*L\*RGIFLL\*YKKAV\*\*YLVG\*\*YLERH\*RG\*D\*EWHNRTPMQNKTNYKHVAGSRKSNVCPSHQRTNSVFIKYYRAAINKRWG\*\*\*NERNRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTRQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQLAESY\*GAAAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEQ\*LE\*K\*ILGGNLGKHDLDAMGKRN\*QLHRLNIQLN\*NIAKPARKE\*TRLIGIE\*MGKFVELV\*HIKLAVVHKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRARQRQIQAL

>B.2006.JN687758.asymptomatic

MEPVDPRLEPWKHPGSQPQTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAHQGSETHQDSLSKQ\*VVHVMKSLAILAIVALVVATILAIVVWTIVYIEYRKIVKQRKINWLIDRISERAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*CYRPIVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGAQCLGHTCLCTHRPQPTRGSNGKCDRKF\*HVEK\*HGRPDA\*RYNQFMGSKPTAMCKINPTLCYFKVQ\*YLGKCYSNK\*Q\*GGYYSHY\*\*\*VGKERNDKLLFQHHLKHKR\*GTGRTCTVL\*I\*CSTNKGG\*\*\*\*\*Y\*I\*VNTL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*QVQWVRTM\*KCQYSTMYTWN\*TSSINSTIVKWQSSRRRDSN\*IFQFHRQC\*NHNSTVE\*ICRNYLYKTWQQYKKKYTYRTRESIFCNRRRNRRYKKSTLYP\*\*NRLEEYLKADSDKIKETI\*K\*NNKLSKVLRRGPRNCNAQF\*LWRGIFLL\*YNTTI\*\*\*LDSI\*YY\*RVKYH\*RQQHTHHTPMQNKTNYKHVARSRKSNVCPSYQRKHYLHIKYYRVVTSKRWW\*\*\*\*DRDL\*TWRRRYEGQLEK\*IV\*I\*SNKN\*TIRNSTHQGKKKSGAERKKSSIRSFVPWVLGSSRKHYGRSVTDADGTGQAIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTRLQH\*CKVEYYLE\*\*ISRGDLEQHDLDGVGKRN\*KLHQ\*NIHLN\*KIAEPAGKE\*TKIIGIG\*MGKFVELV\*YNKLAVVYKNIYNDCRRLNRFKNSLCCVFPSK\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRARQRQIHSI

>B.2007.JN687759.asymptomatic

MDPVDPRLEPWEHPGSQPRTACNACYCKQCCYHCQLCFITKGLGISYGRKKRRQRRRAPEYSQIHQSSLPKQ\*VVHVMQPLVILSIVALVIVAIIAIVVWSIVFIEYRRILKQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEMGHDAPWDVDDL\*CC\*TIVGHSLLWGACVERSNHHFILCIRC\*ST\*DRGT\*CLGHTCLCTHRPQPTRNRIEKCDRGF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKTNPTLCYFRLHGCGELY\*\*\*\*QGNIGDERRNKKLLFQYHHSHKR\*GAETTCTFL\*T\*CSTNRK\*G\*\*YNI\*\*YQL\*VNKL\*YLKNYTGLSKGIF\*ANSHTLLCPGWFCDSKV\*RQEVQWNRKVCRCQHSTMYTWN\*ASSINSTTVKWQFSRRRYSN\*I\*QFLKQC\*NHYSTVKRGCKN\*LYKAQQQYKKKYTYGTRENVYNKNSRRYKTSTL\*H\*\*ERLE\*RFKPDSYKIKRTIKRKT\*EE\*CNNKI\*STLRRRPRNCNAHL\*LWRGIFLL\*YIITV\*\*YLE\*KYNYRSK\*\*WKYHTQMQDKTNYKNVAGSRKSNVCSSHRRTN\*LFIKYYRAAINKRWWK\*ERDQRDHRDLQTWGRRYEGQLEK\*II\*I\*SSTT\*TIRSGTHQGKEKSGAERKKSSGNRSCVSWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GATESVATHSLGH\*AAPGKSPGCGEIPKGSTAPRDLGLLWKTHLHH\*CALECQLE\*\*ISRSNLGEHDLDGLG\*RS\*QLHKHNIQLASRIAEPAGQE\*TRITGIG\*MVKFVELV\*HNKLAVVYKAIHNDSRRLDRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPSPAGTRQARRNRRRRWRQRQRQVRAI

>B.2008.JN687760.asymptomatic

MEPVDPRLEPWKHPGSQPETPCTKCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRTSQDSQTDQASLSKQ\*VINVMQSLVILAIVALVVAIILVIVVWSIVFIEYRKILRQRRIDRLIDRIRDRAEDSGNESDGDQEELSELVERGHLAPWNVNDL\*CCRPNVGHSLLWGTCVERSKHHSILCIRC\*RI\*YRGT\*CLGYTCLCSHRP\*PTRSSIGKCDRNF\*HVEKLHGGTNA\*GYNQFMGSKLEAMCKINSTLC\*FKLH\*L\*QEYYQ\*\*YSGKGSERRNKKLFFQYLHKHKQ\*GEERLCTFLYT\*CNTNKK\*YQL\*VDKL\*HLKNYTSLSKDIL\*TNSHTLLCPGWLCDSKV\*\*\*GVQWIRRMSQCQHNTMYTWN\*ASGINSTTVEWQPSRRRDSN\*I\*KFHKQC\*NYNSTAERTSNN\*LYKTQQQYKKKYKYRTRESILYNRRDNRQYKTSTLYH\*\*NKME\*SFRTDS\*KTKRTIWE\*NNNL\*SICRGGPRNCDAQF\*L\*RGIFLL\*YNKTV\*\*YLDT\*\*YLEYY\*RD\*KKQHRK\*HTHTPMQNKTNYKHVAGSGKSNVCPSHQRTD\*MFIKYYRAAINKRWWSW\*\*\*QQQHGDLQTWRRRYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEKSGAERKKSSGIWSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPGALGMLWKTHLHHYCALEW\*LE\*\*IL\*\*DLGKHDLDAVGKRNRQLHRPNIQLN\*RIA\*PTRKE\*KRIIGVR\*MGKFVELDYHNKLAVVYKNIHNDSRRLDRFKNSLYCAFCSK\*S\*AGILTNIVSDPIPSPEGTRQARRNRRRRWRERQRQIQQI

>B.2007.JN687761.asymptomatic

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSKDHQVSVSKQ\*VVHVMQSFILTIVALVVAAILAIIVWTIVIIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CYRKIVGHSLLWGTCVEGSNHHSILCFRC\*ST\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HVEKQHGRTDA\*GYNQFMGSKPKAMCEINSTLCYAKLH\*S\*YNQ\*\*\*CNP\*\*SYNQWYY\*\*RGNEKLLFQYHHRNTG\*KKERICTFV\*T\*YNTTRW\*\*\*Y\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSLAVKWQSSRRRGSN\*I\*QFHGQY\*NHNSTAE\*NCRN\*VYKTQQQYEKEYTYGARESPLCNRRDNRRYKTSTL\*H\*\*R\*VE\*HFKKGG\*KIKRTV\*\*NNSL\*AILRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*HLGFK\*HLG\*FK\*YY\*GEWDYHTPM\*NKTNCKHVAKSRESNVCPSHQGTN\*MLIKYYRTAISKRWE\*QQH\*RDLPTWRRRYEGQLEK\*IIQI\*SSTN\*TSRNSTHQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSATAEQPAESY\*GATASVATHSLGHQAAPGKSPDCGKIPKGPTAPRDLGLLWKTHLHHCCALEY\*LE\*\*NS\*SDLE\*HDLDAVGKGN\*QLHKLNIHLN\*RIAEPARKE\*TGIIGIGQMGKFVDLV\*HNTMAVVYKNIHNDSRRLDRFKNNFYCNFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRSL

>B.2007.JN687762.asymptomatic

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQGSQTNQVSLPKQ\*VIYVMLALQIFAIVALVIVAIIAIVVWSIVFIECRRVLRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVGRGHLEMGHHAPWDVNDL\*CCR\*IVGHSLLWGTCVERSNHHSILCIRC\*RI\*ERGT\*RLGHTCLCTYRPQPTRSSIGKCNRKV\*HVGQ\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*\*D\*\*CDC\*CH\*DGRDKKLFF\*YHHRYRK\*GAETICTLL\*T\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKSIL\*ANSHTLLCPSWFCDFKM\*AKEFQWDRTM\*QCQHSTMYTWN\*ASGINSTTVKW\*SIRRRGSN\*IKKFLGQC\*NHNSTAERSCNN\*LYKTQQQYKKKYTYGTRESILYNRRYNRRYKTSKL\*H\*\*RKMG\*HFKTDS\*KIKRTIWEE\*NNSL\*SAAQRRGPRNCNAQF\*LWRGIFLLQFNTAV\*\*\*LE\*YC\*\*Y\*RE\*\*NYQ\*\*NYHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MFIKYYRAVINKRWWE\*WD\*\*DRDLQTCRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKGGAERKKGSTRSCVPWVLGSSRKHYGRSISNADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPRGSTAPGNLGLLWKTHLHH\*CALEC\*LE\*\*IFK\*NLG\*HDLDRVGKRN\*QLHKRNIQLN\*TIAKPARKE\*TRLTGTK\*MGQFVESV\*HNKVAVVYKNIHNDSRRLNRDKNNFYCTFYSE\*S\*AGILTTIISDPPPGPEGTRQARRNRRRRWRERRRQIQAI

>B.2007.JN687763.asymptomatic

MDPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSEAHQDSLSKQ\*VIHVMQSLEISAIVGLVVAAILAIIVWSIVLIEYRKIVRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDIDDL\*CCKPIVGHSLLWSACVERSSHNSILCIRC\*SI\*DRSA\*CLGHTCLCTHRSQSTRSNVRKCDRKF\*HVEK\*YGRSDA\*GYNQFMGSKPKTMCKINPTLCYFALH\*LQWY\*T\*Y\*\*RNERRNKKLLFQCLHRCKR\*GKETKCIVL\*S\*YNTNK\*\*YNTRK\*\*\*\*YL\*VDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCNSKV\*Q\*NIQWNRTVYKCQHSTMYTWN\*ASSINATTVKW\*SIKSRGNT\*I\*KFHGQC\*KHNSTVE\*ICNN\*LHKTQQ\*YKKKYKYRTREGMVCNRRNNRKHKTSTL\*H\*\*RKVE\*NFRKDS\*KIKRTIWE\*\*NNNL\*ATTSRRGPRNCNT\*FQLCRGIFLLQYNTTV\*\*YLEY\*WYLDRK\*Y\*\*Q\*HYTPMQNKTNCKHVAGSRKSNVCPSHQRTNSLFIKYYRADINKGWW\*W\*\*HQQQH\*DLQTCRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKREKSSGNGSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGPTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISRLHLG\*HDLDGVGKRN\*KLHKRNIHLN\*SIAEPTRKE\*ARIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*SQAGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2007.JN687764.asymptomatic

MDPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSEAHQDSLSKQ\*VIHVMQSLEISAIVGLVVAAILAIIVWSIVLIEYRKIVRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDIDDL\*CCKPIVGHSLLWSACVERSSHNSILCIRC\*SI\*DRSA\*CLGHTCLCTHRSQSTRSNVRKCDRKF\*HVEK\*YGRSDA\*GYNQFMGSKPKTMCKINPTLCYFALH\*LQWY\*T\*Y\*\*RNERRNKKLLFQCLHRCKR\*GKETKCIVL\*S\*YNTNK\*\*YNTRK\*\*\*\*YL\*VDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCNSKV\*Q\*NIQWNRTVYKCQHSTMYTWN\*ASSINATTVKW\*SIKSRGNT\*I\*KFHGQC\*KHNSTVE\*ICNN\*LHKTQQ\*YKKKYKYRTREGMVCNRRNNRKHKTSTL\*H\*\*RKVE\*NFRKDS\*KIKRTIWE\*\*NNNL\*ATTSRRGPRNCNT\*FQLCRGIFLLQYNTTV\*\*YLEY\*WYLDRK\*Y\*\*Q\*HYTPMQNKTNCKHVAGSRKSNVCPSHQRTNSLFIKYYRADINKGWW\*W\*\*HQQQH\*DLQTCRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKREKSSGNGSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGPTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISRLHLG\*HDLDGVGKRN\*KLHKRNIHLN\*SIAEPTRKE\*ARIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*SQAGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2007.JN687765.asymptomatic

MDPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSEAHQDSLSKQ\*VIHVMQSLEISAIVGLVVAAILAIIVWSIVLIEYRKIVRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDIDDL\*CCKPIVGHSLLWSACVERSSHNSILCIRC\*SI\*DRSA\*CLGHTCLCTHRSQSTRSNVRKCDRKF\*HVEK\*YGRSDA\*GYNQFMGSKPKTMCKINPTLCYFALH\*LQWY\*T\*Y\*\*RNERRNKKLLFQCLHRCKR\*GKETKCIVL\*S\*YNTNK\*\*YNTRK\*\*\*\*YL\*VDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCNSKV\*Q\*NIQWNRTVYKCQHSTMYTWN\*ASSINATTVKW\*SIKSRGNT\*I\*KFHGQC\*KHNSTVE\*ICNN\*LHKTQQ\*YKKKYKYRTREGMVCNRRNNRKHKTSTL\*H\*\*RKVE\*NFRKDS\*KIKRTIWE\*\*NNNL\*ATTSRRGPRNCNT\*FQLCRGIFLLQYNTTV\*\*YLEY\*WYLDRK\*Y\*\*Q\*HYTPMQNKTNCKHVAGSRKSNVCPSHQRTNSLFIKYYRADINKGWW\*W\*\*HQQQH\*DLQTCRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKREKSSGNGSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGPTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISRLHLG\*HDLDGVGKRN\*KLHKRNIHLN\*SIAEPTRKE\*ARIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*SQAGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2007.JN687766.asymptomatic

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>B.2007.JN687767.asymptomatic

MDPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSEAHQDSLSKQ\*VIHVMQSLEISAIVGLVVAAILAIIVWSIVLIEYRKIVRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDIDDL\*CCKPIVGHSLLWSACVERSSHNSILCIRC\*SI\*DRSA\*CLGHTCLCTHRSQSTRSNVRKCDRKF\*HVEK\*YGRSDA\*GYNQFMGSKPKTMCKINPTLCYFALH\*LQWY\*T\*Y\*\*RNERRNKKLLFQCLHRCKR\*SKETKCIVL\*S\*YNTNK\*\*YNTRK\*\*\*\*YL\*VDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCNSKV\*Q\*NIQWNRTVYKCQHSTMYTWN\*ASSINATTVKW\*SIKSRGNT\*I\*KFHGQC\*KHNSTVE\*ICNN\*LHKTQQ\*YKKKYKYRTREGMVCNRRNNRKHKTSTL\*H\*\*RKVE\*NFRKDS\*KIKRTIWE\*\*NNNL\*ATTSRRGPRNCNT\*FQLCRGIFLLQYNTTV\*\*YLEY\*WYLDRK\*Y\*\*Q\*HYTPMQNKTNCKHVAGSRKSNVCPSHQRTNSLFIKYYRADINKGWW\*W\*\*HQQQH\*DLQTCRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKREKSSGNGSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGPTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISRLHLG\*HDLDGVGKRN\*KLHKRNIHLN\*SIAEPTRKE\*ARIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*SQAGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2007.JN687768.asymptomatic

MDPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSEAHQDSLSKQ\*VIHVMQSLEISAIVGLVVAAILAIIVWSIVLIEYRKIVRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDIDDL\*CCKPIVGHSLLWSACVERSSHNSILCIRC\*SI\*DRSA\*CLGHTCLCTHRSQSTRSNVRKCDRKF\*HVEK\*YGRSDA\*GYNQFMGSKPKTMCKINPTLCYFALH\*LQWY\*T\*Y\*\*RNERRNKKLLFQCLHRCKR\*GKETKCIVL\*S\*YNTNK\*\*YNTRK\*\*\*\*YL\*VDKL\*YLSHYTGLSKDNL\*ANSHTLLCPGWFCNSKV\*Q\*NIQWNRTVYKCQHSTMYTWN\*ASSINATTVKW\*SIKSRGNT\*I\*KFHGQC\*KHNSTVE\*ICNN\*LHKTQQ\*YKKKYKYRTREGMVCNRRNNRKHKTSTL\*H\*\*RKVE\*NFRKDS\*KIKRTIWE\*\*NNNL\*ATTSRRGPRNCNT\*FQLCRGIFLLQYNTTV\*\*YLEY\*WYLDRK\*Y\*\*Q\*HYTPMQNKTNCKHVAGSRKSNVCPSHQRTNSLFIKYYRADINKGWW\*W\*\*HQQQH\*DLQTCRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKREKSSGNGSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATVSVATHSLGHQTAPGKSPGCGKIPKGPTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISRLHLG\*HDLDGVGKRN\*KLHKRNIHLN\*SIAEPTRKE\*ARIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*SQAGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2007.JN687769.asymptomatic

MDPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSEAHQDSLSKQ\*VIHVMQSLEISAIVGLVVAAILAIIVWSIVLIEYRKIVRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDIDDL\*CCKPIVGHSLLWSACVERSSHNSILCIRC\*SI\*DRSA\*CLGHTCLCTHRSQSTRSNVRKCDRKF\*HVEK\*YGRSDA\*GYNQFMGSKPKTMCKINPTLCYFALH\*LQWY\*T\*Y\*\*RNERRNKKLLFQCLHRCKR\*GKETKCIVL\*S\*YNTNK\*\*YNTRK\*\*\*\*YL\*VDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCNSKV\*Q\*NIQWNRTVYKCQHSTMYTWN\*ASSINATTVKW\*SIKSRGNT\*I\*KFHGQC\*KHNSTVE\*ICNN\*LHKTQQ\*YKKKYKYRTREGMVCNRRNNRKHKTSTL\*H\*\*RKVE\*NFRKDS\*KIKRTIWE\*\*NNNL\*ATTSRRGPRNCNT\*FQLCRGIFLLQYNTTV\*\*YLEY\*WYLDRK\*Y\*\*Q\*HYTPMQNKTNCKHVAGSRKSNVCPSHQRTNSLFIKYYRADINKGWW\*W\*\*HQQQH\*DLQTCRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKREKSSGNGSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGPTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISRLHLG\*HDLDGVGKRN\*KLHKRNIHLN\*SIAEPTRKE\*ARIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*SQAGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2007.JN687770.asymptomatic

MDPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSEAHQDSLSKQ\*VIHVMQSLEISAIVGLVVAAILAIIVWSIVLIEYRKIVRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDIDDL\*CCKPIVGHSLLWSACVERSSHNSILCIRC\*SI\*DRSA\*CLGHTCLCTHRSQSTRSNVRKCDRKF\*HVEK\*YGRSDA\*GYNQFMGSKPKTMCKINPTLCYFALH\*LQWY\*T\*Y\*\*RNERRNKKLLFQCLHRCKR\*GKETKCIVL\*S\*YNTNK\*\*YNTRK\*\*\*\*YL\*VDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCNSKV\*Q\*NIQWNRTVYKCQHSTMYTWN\*ASSINATTVKW\*SIKSRGNT\*I\*KFHGQC\*KHNSTVE\*ICNN\*LHKTQQ\*YKKKYKYRTREGMVCNRRNNRKHKTSTL\*H\*\*RKVE\*NFRKDS\*KIKRTIWE\*\*NNNL\*ATTSRRGPRNCNT\*FQLCRGIFLLQYNTTV\*\*YLEY\*WYLDRK\*Y\*\*Q\*HYTPMQNKTNCKHVAGSRKSNVCPSHQRTNSLFIKYYRADINKGWW\*W\*\*HQQQH\*DLQTCRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKREKSSGNGSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGPTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISRLHLG\*HDLDGVGKRN\*KLHKRNIHLN\*SIAEPTRKE\*ARIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*SQAGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2007.JN687771.asymptomatic

MDPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSEAHQDSLSKQ\*VIHVMQSLEISAIVGLVVAAILAIIVWSIVLIEYRKIVRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDIDDL\*CCKPIVGHSLLWSACVERSSHNSILCIRC\*SI\*DRSA\*CLGHTCLCTHRSQSTRSNVRKCDRKF\*HVEK\*YGRSDA\*GYNQFMGSKPKTMCKINPTLCYFALH\*LQWY\*T\*Y\*\*RNERRNKKLLFQCLHRCKR\*GKETKCIVL\*S\*YNTNK\*\*YNTRK\*\*\*\*YL\*VDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCNSKV\*Q\*NIQWNRTVYKCQHSTMYTWN\*ASSINATTVKW\*SIKSRGNT\*I\*KFHGQC\*KHNSTVE\*ICNN\*LHKTQQ\*YKKKYKYRTREGMVCNRRNNRKHKTSTL\*H\*\*RKVE\*NFRKDS\*KIKRTIWE\*\*NNNL\*ATTSRRGPRNCNT\*FQLCRGIFLLQYNTTV\*\*YLEY\*WYLDRK\*Y\*\*Q\*HYTPMQNKTNCKHVAGSRKSNVCPSHQRTNSLFIKYYRADINKGWW\*W\*\*HQQQH\*DLQTCRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKREKSSGNGSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATAPVTTHSLGHQTAPGKSPGCGKIPKGPTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISRLHLG\*HDLDGVGKRN\*KLHKRNIHLN\*SIAEPTRKE\*ARIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*SQAGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2007.JN687772.asymptomatic

MDPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSEAHQDSLSKQ\*VIHVMQSLEISAIVGLVVAAILAIIVWSIVLIEYRKIVRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDIDDL\*CCKPIVGHSLLWSACVERSSHNSILCIRC\*SI\*DRSA\*CLGHTCLCTHRSQSTRSNVRKCDRKF\*HVEK\*YGRSDA\*GYNQFMGSKPKTMCKINPTLCYFALH\*LQWY\*T\*Y\*\*RNERRNKKLLFQCLHRCKR\*GKETKCIVL\*S\*YNTNK\*\*YNTRK\*\*\*\*YL\*VDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCNSKV\*Q\*NIQWNRTVYKCQHSTMYTWN\*ASSINATTVKW\*SIKSRGNT\*I\*KFHGQC\*KHNSTVE\*ICNN\*LHKTQQ\*YKKKYKYRTREGMVCNRRNNRKHKTSTL\*H\*\*RKVE\*NFKKDS\*KIKRTIWE\*\*NNNL\*ATTSRRGPRNCNT\*FQLCRGIFLLQYNTTV\*\*YLEY\*WYLDRK\*Y\*\*Q\*HYTPMQNKTNCKHVAGSRKSNVCPSHQRTNSLFIKYYRADINKGWW\*W\*\*HQQQH\*DLQTCRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKREKSSGNGSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGPTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISRLHLG\*HDLDGVGKRN\*KLHKRNIHLN\*SIAEPTRKE\*ARIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*SQAGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTL

>B.2008.JN687773.asymptomatic

MDPVDPRLEPWKHPGSQPKTACTNCYCKRCCWHCQVCFLNKGLGISYGRKKRRQRRRAPPAHPDSPNNQASLSKQ\*VAYVMQSLTILAIVALVVAGIIAIVVWTIVFIEYRKILRQRRIDRLINRIRERAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTIVGHSLLWGTCVERSNHHSILCIRC\*GIWHRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRIF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINTTLCYFTLH\*GYTE\*NY\*QYHS\*YRGKPRNAKLLFQCHHKHKK\*DEERICTFL\*T\*YNTNR\*YKLYFDKL\*HLSHYTGLSKGIF\*TNSYTLLCPGWFCDSKV\*\*\*EV\*WKRTMYKCQHSTMYTWD\*ASSVNSVAVKWQSSRRRGSN\*I\*KFHGQW\*KHNSTAK\*TCKN\*LYKTLQQYKKKHTYRTRESILCNRGSNRKYKKSILYP\*WYRME\*HFKTDS\*EIKRTI\*E\*NNSL\*ATLRRGPRNCNAQF\*LWRRIFLL\*YITAV\*YYLE\*Y\*\*HQV\*E\*QQYHTPMQNKTNYKQMAGSRKSNVRPSHRRTN\*LYIKYYRGAINKRWWYQWEQRDRGLQTWRGRYEGQLEK\*VI\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDIRSYVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAESY\*GATTSVATHSLGHQTAPGKSPGCGKIPKGSTAPRNLGLLWKTHMHHCCALEY\*LE\*\*NSETDLG\*HDLDGVGERN\*QLHRNNIQHN\*RNANPAGKK\*KRFVRIGFVGKSVELV\*HIKMATLYTNIHNNSRRFNRFKNSFCCAFYSEKG\*AGIFTIIISDPPPNREGTRQARRNRRRRWRERQRHIHSI

>B.2008.JN687774.asymptomatic

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCFHCQVCFITKGLGIVYGRKKRRQRRRAPQNSQTHQIPLPKQ\*VLYVMQPLVIASIVALVVVAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVLEMGHDAPWNVDDL\*CCRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRNIIGKCDREF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCTINPTLCYFKLHGCEKYY\*CQ\*YC\*CQ\*\*YCQ\*\*\*YEKLLFQYHLRHKR\*GAEKVCNIL\*P\*SSTNRK\*QY\*L\*DSKL\*HLSHYTSLSKSIL\*ANSHTLLCPGWFCDSKV\*G\*ELQWERAM\*KY\*FSTMYTWN\*TSGINSAAVKWQSSRRRGSH\*I\*KLYKQC\*NHNSTAK\*NYRN\*LHKTQQ\*YKKKYKYRTRESILYNRRNNRGYKTSTL\*HQ\*SKMGKSVKTGSYKITRTI\*\*NNSL\*\*ILRRGPRNCISHF\*LWRGISLL\*YNTTVQWDLEWYCLVKWY\*LVK\*H\*RR\*YHTHTPMQNKTNYKHVAEGRKSNVCPSHQRRN\*MFIKYYRSAINKRWW\*AK\*LRRDLQTWRRRYEGQLEK\*IIQI\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSVSDADGTGQTVTVWYSATAKQLAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPEGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*\*NSGRHLE\*HDLDAVGKRN\*QLHRLNIHLN\*RIADPTRKE\*TRIIEIGYMGRFVELV\*HIKMAVVYKNIHNDSRRLDRIKNSFYCTVYSE\*D\*EGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRRIRTL

>B.2002.JN692431.-

MEPVDPRLEPWKHPGSQPKTACTKCFCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAHQDSPTDQTPLSKQ\*VVHVMQPLQIIAIVALVVVAIIAIVVWTIVLLEYRKILKQRKIDRLIDRIAERAEDSGNESEGDQEELEKLVEMGHHAPWDVDDL\*C\*RRRQIVGYSLLWSTCVERSIHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRNSNGKCDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KPKAMCKINPNLCNFKMH\*FECECYREK\*QYDRL\*RRSKKLLFQYNQRHGRKGAEGLCNF\*\*T\*YSTNR\*\*\*\*YKLYVNKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDCKV\*\*\*QFQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRGRCNN\*I\*KFH\*\*C\*NHNSTAERNCRN\*LYKTQQQYKKEYTYGMGENVLCNRRNNRRYKTSTL\*H\*\*NKME\*HFKTDS\*KIKGTI\*YNNNL\*FILRRRPRNCNAHF\*LRRGIFLL\*HNTAV\*\*YLGA\*\*YLGA\*\*YY\*X\*RKFQYYTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWQHQQK\*NQQQ\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGNIRSCVPWVLGSSRKHDGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAXRDLGLLWKTHLHHCCALEY\*LE\*QVL\*SDLG\*HDLDAVGERN\*QLHTQNIHLT\*TIAVPTRKQ\*TRIIAIG\*MGKFVELV\*YNTMAVVYKNIHNDSRRLSRFKNSFYCNFFSE\*S\*AGILTIVIPDPPPSREGTRQARRNRRRRWRERQKQIQQI

>B.2002.JN692432.-

MEPVDPRLEPWKHPGSQPKTPCTPCYCKRCCFHCQACFIKKGLGISYGRKKQRQRRRPPQDSPIHQGPLSKQ\*VVYVMQALEISALEISAIVALVVVVIVAIVVWTIVLIEYKKLLRQRKIDKLIDRIRERAEDSGNESEGDQEELSELMEMGHLVPWDGDDL\*C\*RQIVGHSILWGTCVERSNHYSILCIRC\*SI\*PRGS\*CLGHTCLCTHRP\*PTRNTLKKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKNNPTLCYFKL\*\*F\*CH\*C\*YQWH\*YQ\*\*\*VGGGRNEKLHFQCHHKHKTAGAGRVCTIQ\*TRYSSNR\*YKLYVEKL\*YLSHYANLSKGNL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWIRAMHKCQRSTMYTWN\*ASSVNSASAKWQSSRKRDSN\*I\*KFHKQC\*NHNSAAE\*DCTN\*LHKTQQ\*YKKKYTYRTRESILCNRKHNRRYKTSTL\*H\*\*GKVGKHFIQNSRKIKRTI\*\*NNNL\*SILRRGSRNCNAHF\*LWRGIFLL\*YITTV\*\*NF\*WYCK\*IQYYKWNYHTSM\*NKTNHKQMAGSRKSNIQPSHQRKH\*LFIKYYRTTINKRWW\*QWERARDLQTWRRRNEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKKKSGAKRKESSGSGRSYVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*KSN\*DLGQHDLDGVGERN\*QLHRCNILLTCRIAKPTRKE\*TRIISIESLGKFVELV\*HIKLAVVYKNIHNGSRRLSRFKNNFYCTFYSE\*S\*AGILTIVIPDPPPSREGTRQARRNRRRRWRKKQSQIEKI

>B.2002.JN692433.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFISKGLGISYGRKKRRQRRRAPQHSPTHQGSLPKQ\*VVHVMQPLHIAAIAALVVAGIIAIVVWTIVLLEYRKILRQRKIDRLLNRIIERAEDSGNESEGDQEELAALVDMGHHAPWDVNDL\*YYTTIVGYSLLWGTCVERSNHHSILCIRR\*SI\*HRDT\*CLGYTCLCTHRP\*PTRSRVEKYDRIF\*HVEK\*HGRTDA\*GCNKFMGSKPKAMCEINPTLCYFKLH\*LDC\*\*YY\*YHYC\*SQK\*\*LEHGWRNKELLFQCHHRHNEGGAKKLCSF\*\*P\*CSTNR\*SR\*YELYVGKL\*YLSH\*TSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWIRTMHKCQYNTMYTWN\*ASSVNSAAVKWQSSRRRGSN\*I\*KFHRQYKKHNSTAE\*NCTNELYKTQQQYKKRCASRTRGSNLYNRRNNRRHKKSTL\*H\*CNTMEQHFKADSYKIKRTI\*E\*NNNLYATLRRGPRSCNAQF\*LWRGIFLL\*YNTAV\*QYLVG\*WYLE\*YYKVKCNSGTHHTPMQNKTNYKQVAGSRSSNVCPSHQRKH\*LCIKYYRAAINKRWW\*K\*E\*NKRNLQTWRRKYEG\*LEK\*II\*I\*GSKN\*TIRNSTHQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*I\*GRNLE\*YDLDAMGERN\*\*LHRTNIQLT\*EIAEPTRKE\*TRIIGIG\*VGKFMELV\*HNKLVVVYKNIHNDSRGLNRFKNSFYCTFYSE\*S\*AGILTTIISDPPPSSEGTRQARRNRRRRWRQKQRWIRSI

>B.2002.JN692435.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFITKGLGISYGRKKWRQRRRAHQHSSPDQASLSKQ\*VVHVMQSLQILAIAALVIVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSTLMEMGHHAPWDVNDL\*CRKVVVHILLWGTWEKRCNHHSILCIRC\*STSHRGT\*YLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGKTDA\*GYNQFMGSKPKTMCKINPTLGYFKLQ\*LQGYYYQ\*QYGY\*Q\*\*\*\*GGGRRNEKLFFQCNHRNRK\*NAERICNFV\*T\*CNTNR\*YKLYIDKL\*HLSHYTGLSKDILCTNSHTLLYPGWFCDSTV\*\*\*KV\*WNRNM\*KCQHSTVYTWNQANSVNSTTVKWQPSRRCNT\*IRKFLRQC\*NHNSTAEGPCRN\*LYKTQQQYKKKYKYRTGESILCNRSSNRKYKTSTL\*H\*\*RKME\*HFNTGS\*KIKRTI\*E\*NNILSSILRRGPRNYNAHF\*LWRGILLL\*FNTAV\*\*YLAA\*\*HLEWYYRIK\*Q\*HYHTPMQNKTNYKQVARSRKSNVCPSHRRTN\*VFIKYYRVTLNKRWWSERDHRNL\*TWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSGDAGSYVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAKQFAESY\*GATASVAAHSLGHQAAPG\*SPGCGKIPKGSTAPRDLGLLWKTHLQH\*CALEY\*LE\*\*ISGRHLE\*HDLDAVGQRN\*QLHKINLHLN\*RIAEPAGKE\*TRIIGIG\*VGKFVELV\*YITMAVVYKNIHNNSGRFSRFKNSFCCAFHSE\*S\*AGILTIIISDPPPNPAGTRQARRNRRRRWRERQRQIQSI

>B.2002.JN692436.-

MEPVDPRLEPWKHPGSQPRTPCTKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VIHVMQSLQIVAIVALVVAAIIAIVVWSIVLIQYRKLLRQRKIDRLIDRISERAEDSGNESEGDQEELSGLMERGHLAPWDVDDL\*C\*RRKFVGHGPFGRAWVERSDHHSVLCIRC\*SI\*HGGT\*CLGTHACVPTNPNPKEGD\*KCDKNFIM\*EITGKTDA\*RYISLWDQSLKPCAKLPHSVLC\*NGPIILVPIILGQGTSDTGTNCSRYQ\*Y\*WYQ\*\*\*SGKHEGRNKKMLFQYHHTNRQ\*SEERICTL\*YA\*YSRNK\*\*NR\*YSR\*YKLYVRKL\*HHSHYAGLSKGIL\*TNSHTLLYPGWFCDSTM\*\*KKVQGNRTM\*KCQHRAMYTWHQASSVNSIAAKWQSSRRRSNN\*I\*KFHGQC\*NHNSAAEPICRN\*LYKTQQQHKKKYTYRARESILCNR\*HNRKYKASTLYH\*\*NKMDKHFKTDKEKIRRTI\*\*DNTL\*AFLRRGPRNCNAHV\*LWRRIFLL\*HNTAV\*\*YYVE\*Y\*RVK\*HKSKYHTPMQNKTNYNRVPGSRKTNVCPSHQWNN\*MYIKYYRANNNKRWW\*W\*WY\*\*QYRVLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVTDADGTSQTIIVWYSATAEQFAEGY\*CATAYVATHSLGH\*AAPGKSPSCGKLPKGSTAPRDLGLLWKNHLHHCCALEY\*LE\*\*ISGPHLE\*HDLDAVGERN\*QLHRIHIHLT\*RIAEPTGTE\*TRIIGTR\*VDKFVELV\*HNKMAVVYKNVHNDSRRLNRFKSSFYCNFSSE\*S\*AGILTIVIPDPLPSPEGTRQARRNRRRRWRERQRHINKI

>B.2002.JN692439.-

MEPVDPRLEPWKHPGSQPLTACNKCYCKRCCLHCQVCFTTKGLGISYGRKKRRQRRRAHQGNPPHQASLSKQ\*VVHVMPPLVILSIVALVVAAIIAIVVWTIVIIQYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSGLMEMGHLAPWDVDDL\*CYRQIVGHSLLWGTCVERSKYHLILCIRC\*SI\*HRGT\*CLGHTCLCAHRP\*PTRNTIAKCNREF\*YVEK\*YGRTDA\*GYNQFMGSKPKAMCKNNPTLCYFTLL\*LH\*C\*HH\*\*\*YH\*\*IAKHGGRNKKLYFQYHHKHKK\*GKARICNF\*\*T\*YNTNR\*E\*\*YKLYVETL\*YLSHYTGLSKDIL\*TNSHTFLCPGWFCDSEV\*\*\*DIQWIRTM\*KCQHSTVYTWN\*ASSINSITVKWQSSRRRCND\*I\*KFHKQY\*NHNSTAERNCKN\*LYKNQQPYKKEYTHGMGESTLYKRRNTRRYKTSTL\*H\*\*IRMGKSCKTDNGKIKRTSGGQQEDNNL\*SIRRRGPRNCNTQF\*LWRRIFLL\*YLTNI\*\*\*LE\*FFKF\*SS\*KFK\*KYHTPMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRAAINKRWW\*E\*\*QWD\*EWD\*DLQTWRGRYEGQLEK\*II\*I\*SSSN\*ASRNSTHQGKEKSGAKRKKSSRSRSCVPWVLGNSRKHYGRSVTHADGTGQTIVVWYSATAEQSAEGY\*CATASVAAHSLGHQAAPGKSPGCRKIPTGSTAPRDLGLLRKTHLHHLCALEY\*LE\*\*ISRTHLE\*HDLDGVGERN\*QTHRHNIPYT\*RVTKPTRKE\*TRIIRIG\*VGKFVELV\*HNKMAVVYKNIHNDNRRHSSFKNSFYCIIFSEQG\*AGILTIVVPDPPPNPEGTRQARRNRRRRWRERQRGIRSI

>B.2002.JN692440.-

MDPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGIYYGRKKRRQRRRPPQDNQTHQVSLSNQ\*VIYVMQPLTIISIVALVVVAIIAIVIWTIVLLEYRKIRRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CYKKIVGYSLLWGTCVERSKHYFILCIRC\*SL\*YRGA\*CLGHTCLCTYRPQPTGNSIGKCVRIF\*HMEKQHGRTNA\*GYNQLMGSKPKAMCKINPTLCHFKLH\*FGE\*Y\*YQQ\*\*\*CRRHGERRNEKLLFQYHHRSER\*NEKRICNFL\*T\*CSTNR\*GK\*E\*\*Y\*\*YSL\*VDKL\*RLSHYTGLSKDIL\*ANSHPLLCPGWFCDSKV\*\*\*DIQWKRIMYKC\*HSTMHTWN\*ASSINSTAIKWQFSRRRGNNQI\*QFLEQC\*NHNSTAE\*SCTN\*LYKTQQQYKKRYTYRTRESSLCNRKNNRKHKKGTL\*H\*\*IKMEQHFKTDSYKIKRTI\*E\*NNKI\*PLLRRGPRNCNAQF\*LWRGIFLL\*YNKAV\*\*YLEYY\*EYN\*K\*RRRR\*HNHTPMQNKTNCKYVAGSRKRNVCPSHQRTN\*MFIKYYRAAINKRWWGW\*QVERGDLQTYRRRYEGQLEK\*II\*I\*SSKN\*TTRNSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSGNDADGTDQTIVVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGS\*KIPKGSTAPGNVGLLWKTHLPHCCALEC\*LE\*\*ISE\*HLG\*HDLDGVGKRN\*QLHRLDIHFNCRIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTIYNK\*S\*AGILTIIVADPPPNLEGTRQARRNRRRRWRQRQRQIHSL

>B.2002.JN692443.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLPCQVCFMKKGLGISYGRKKRRQRRRPPQDSQTHQASLSEQ\*VVHVMQPLVVLAIVALVVVAIIAIIVWTIVLIEYRRILKQRKIDRLIERISARAEDSGNESEGDQEELSELMERGHVAPWDVNDL\*CYRTIVGHSLLWGTCVERSKHLSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIEKCDRKF\*HVEK\*HGRTDA\*\*YN\*FMG\*KPKAMCKINPTLCYFKVQ\*CEFKVQ\*\*EFKLQ\*\*QC\*\*DRNGERNKKLLFQHHHKHTK\*E\*\*RICTFL\*T\*CSTTR\*E\*\*YKLYVNKL\*HLRNYTDLPKGIL\*TNSHTLLCPSWFCDSKV\*\*\*EIQWNRTM\*KCQHSTVYTWN\*ASSVNSTAVKWQSSRRRGSD\*S\*KFHRQY\*NHNSTAERNCSN\*LYKTPQQYKKKYTGGMEDIICNRGYNRKYKTSTL\*P\*QNTMEQNFRTDSNKIKGTIWR\*NNNLYPILRRGPRNCNAQF\*LWRGIFLL\*YNKTVQ\*\*LAD\*WYW\*WRAR\*\*EWHYHTPMQNKTNYKQVAGSRKSNICSSHQRTN\*MFLKYYRAATHKRWW\*\*\*HEQ\*\*DIQTWRRKYEGQLEK\*II\*I\*SSTN\*AIRSSTH\*GKKKSGAERKKSSNAGSYVPWVLGSSRKHYGRSIGDADGTGQTIIVWYSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*NL\*\*HLE\*HDLDGVGKRN\*QLYRLNIHFN\*RIAEPTRKE\*KRIIGIR\*VGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSFCCIFYSK\*S\*AGILTFVIPDPPPSNEGTRQARRNRRRRWRDRQRQISAL

>B.2002.JN692444.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCSFHCQVCFLQKALGLSYGRKKRRQRRRSPPANQTHQASLSEQ\*VIHVMSQMLQIVAIAALVVAAIIAIVVWTIVGIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVVEMGHDAPWNVDDL\*CYRTIVGHSLLWGTCVERSNYHSILCI\*C\*SI\*YRGT\*CLGHTCLCTHRPCPTRNRIKKCNRKF\*HVEK\*HGRTNA\*RYNQFMGSKPKAMCKINPTLCYFKLH\*YPCQ\*E\*\*CEYH\*FRRDEKLLFQYQHKNKR\*GRKGLGNFL\*S\*YSTNRK\*\*\*LYADKL\*YLSPYTGLSKDDL\*TNSHTLLCPGWFCDSEV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSTTAKWQSSRRRGDN\*I\*KYHGQY\*NHNSTAK\*NCAN\*LFKTQQQYKKKYTYSTRESILCNRRYNRRYKTSTL\*H\*\*SSLE\*NFRTSSYKIKRTF\*KQNNKLYTTLRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLAY\*\*YKYE\*YK\*LK\*H\*NYHTPMQNKTNYKQVAGSRKSNVCPSH\*RTN\*LFIKYYRAIINKRWW\*Y\*\*N\*WY\*NLQTWRRKYEGQLEK\*IIQI\*NSTN\*PIRSSTHQGKEKSGAEREKSSGSAGSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAKQFAESY\*GAAASVATHSLGHQTAPGKSPGCEKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*I\*GSNLGEHDLDGVGKRN\*QLHRINIQLNRKSAKPARKE\*TRLIIIRSVGKFVELV\*YNKMAVVYKNIHNDSRRLDRFKNNLCCTFYSK\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRGRQRQIQTI

>B.2003.JN692445.-

MEPVDPRLEPWKHPGSQPRTPCTKCYCKQCCFHCQVCFTKKALGISYGRKKRRQRRRAPQGSPTHQVPLSKQ\*VNICDASLISFTDSSNSGISSSSNISNSCVDHSTLRIQENTKTKKNKQDN\*\*NNRKSRRQWQ\*K\*RGSGRIVRPCGHGA\*CSLGC\*\*SVMQKKKNCGSQSIMGYLCGKKQLPLCFVHQMLKLMSQRCIMFGPHMPVYPQTPIHKR\*YWEM\*QKILTCGKITW\*NRCMRI\*SAYGIKA\*SHV\*N\*PHSVLL\*NVMMQNLTVQKLTVQLTVLILTIVTWG\*REK\*KTALSMSPAWERVGKKMQFLINLI\*YQ\*RMIVIIVLVIVVKVIC\*QVVTPQSLHKPVQRYPLNQFPYIIVPQLVLRF\*NAMIRSSMDQDHVQMSAQYNVHMELGQ\*CQLNYY\*MVV\*QKKR\*\*LDLKIFQTMLKP\*\*YS\*MTLYKLIVQDPTTIQEKVYV\*DQGQHFMQQEI\*\*EI\*DKHIVTLVEQNGTKL\*NL\*\*QNYKNNLT\*QN\*ILGTPQEGIQKL\*CTALIVQGNFSTVTQQSCLIVIGTMVLGMILTREKISQSHAE\*NKS\*TDGRK\*EKQCMPLPSKDKLDVHQILQGCY\*QEMVALTLARLTGPKSSGLQEEI\*GTIGEVNYINIK\*\*ELSH\*E\*HPPRQREEWCREKKEQWEH\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDYYCLV\*CNSRTIC\*RLLRRNSICCNSQSGALSSSRQESWLWKDT\*GINSSWGFGVALENSSAPLLCLGILVGVIDL\*ILFGVT\*HGWSGKEKLTITQT\*YTTCLKNRRTNRKRMNKNY\*NWISGQTCGVGLT\*HTGYGI\*DYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHCHSRPASQTRGDQTGPEEQKKKVETKTETHQSD\*

>B.2003.JN692446.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFLQKALGLSYGRKKRRQRRRAPPANQTHQASLSEQ\*VIHVMLQMLQIVAIAALVVAAIIAIVVWTIVGIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVVEMGHDAPWNVDDL\*CYRTIVGHSLLWGTCMERSNNHSILCI\*C\*SI\*YRGT\*CLGHTCLCTHRPCPTRDRIKKCNRKF\*HVEK\*HGRTNA\*RYNQFMGSKPKAMCKINPTLCYFKLH\*YHCQ\*\*\*WCEYHW\*GRNEKLLFQYHHKNERQVRKSLGNFL\*S\*CSTNRK\*\*\*\*\*\*LYADKL\*YLSPYTGLSKDDL\*TNSHTLLCPGWFCDSEV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSTTAKWQSSRRRGDN\*I\*KYHGQC\*NHNSTAK\*NRAN\*LFKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*SSLE\*NFRTGSYKIKRTL\*KQNNSLYTTLRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLAYE\*YK\*PK\*HWNYHTPMQNKTNYK\*VAGSRKSNVCPSHQRTN\*LFIKYYRAIINKRWW\*Y\*\*D\*WY\*NLQTWRRKYEGQLEK\*IIQI\*SSTN\*PIRSSTHQGKEKSGAEREKSSGSAGSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAKQFAEGY\*GAAASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IYESNLGEHDLDGVGKRN\*QLHRSNIQLNRKIAKPARKE\*TRLIIIR\*VGKFMELV\*YNKMAVVYKNIHNDSRRLDRFKNNFCCTFYSK\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRVRQRQIQTI

>B.2003.JN692447.-

MEPVDYRLEPWKHPGSQPKTACNNCYCKKCCFHGQVCFTTKGLGISYGRKKRRQRRRAPQNNQDRQVSLSKQ\*VIHVVQSLEILAIVALVVAAILAIVVWTIVFIEYRKILRQRKIDGLIDRIAKRAEDGGNESEGDQEELAALVEMAHHVEMGHHAPWDVDDL\*CCRPFVGHSLLWGTCVERTPHHSILCIRC\*STLYRNA\*CLGHTCLCTHRPQPTRGSIGKCDRKF\*HVEK\*HGRTDA\*GYKKFMGSKPKAMCKINPTLCYFKLH\*LGE\*EYYE\*\*\*\*HEYKYYRERRNKRLLFQYHHKHKR\*GAESICTIL\*T\*CNTNR\*\*\*\*\*\*\*\*W\*\*KLYKL\*IDKL\*YLSHHTGLSKGVF\*TNSHTLLCPGWFCDSKM\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSTTVKWQSSRGRGSN\*I\*KLHK\*CLHHNSTAK\*DCTN\*LFKTRQ\*YKKKYTSRTRERILYRRNNRRYKTSIL\*H\*WKSLE\*NFKSDSHKTKRTI\*E\*NNNLSTIFRRGPRNCNA\*F\*LWRRIFLL\*HNTIV\*LG\*\*\*YLDRGQNHTPMQNKTNSKQVAGSRQSNVCPSHQRIN\*LYIKHYRVAINKRWW\*WNQQ\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TFRSSTHQGKEKGGAERKKSSGSNRSCVPWVPGNSRKHYGRSVTNADGTSQTITVWYSATAEQSAESY\*GATTSVATHGLGH\*TAPGKTPGCGKVPKGSTAPRALGLLWKTHLHHRCALELQLE\*\*ISGYNLG\*HDLDAVG\*RN\*QLHKLNILFT\*RIAVPARKQ\*KEIIKIGSVGKFMELV\*YNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*G\*AGILTFVISDPPPSQEGTRQARRNRRKRWRERQRRINSI

>B.2004.JN692450.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFLTKGLGIFYGRKKRRQRRRAPPNSPIHQVSLSKQ\*VVNVMQPLQIVAIVALVVVAIIAIVVWTIVLIEYRKILRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDRGHLAPWVVDDL\*GYRTVVGHSLLWGTCVERSNHHSILCIRC\*SI\*NRGT\*CLGYTCLCTHRP\*PTRSSISKCDRRF\*HVEK\*HGGTDA\*GCNQLMGSKPKAMCKINPTLCYFTLH\*LEWYKYH\*F\*YHHY\*G\*NEGRNTKLLFQHNHRDRKKGEKKLCIFQ\*T\*YSTNRG\*\*\*\*\*Y\*LYVDKL\*HLSHYTGLSKGIL\*TNSYTFLCPGWFCDSKV\*\*\*NVQWNRTM\*\*CQHSTMYTWN\*ASSVNSTVVKW\*FGRRRNNN\*I\*KYLRQC\*KHNSTAERNCAN\*LYKTQQQYKEKYTYGIWESILCNRRHNRRYKTSTL\*H\*\*NKME\*YFKTNK\*KIKRIF\*S\*YNNLC\*CFRRRPRNYNAQF\*LWRRIFLLQYNRSV\*\*CLGFYK\*Y\*QSYR\*YWHGRRWFSYHTPMQNKTNYKQMAGSRKSNVCPSHQRTN\*LFIKYYRADINKRWW\*KW\*\*HKRD\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIREYTHQGKEENGAERKKSSGNARSYVPWVLGNSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGH\*AAPGESPGCGKIPKGSTAPRDLGLLWKTHLHHFCALE\*\*LE\*KQCNYNLG\*PDLDAVGERN\*QLHRLNIHLT\*RIAEPTRKE\*TRFIGLG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRIKNNFYCTFYSE\*S\*AGILTIIITDPFPRLEGTTRQARRNRRRRWRERQRHIQSI

>B.2004.JN692451.-

MEPVDPKLEPWKHPGSQPKTACNKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRPPQGSQAHQGPLSKQ\*VLYVMQPLQVAAIVALVVAAIIAIVVWTIVLLEYRKILRQRKIDRLITRISERAEDSGNESEGDQEELSALVDMGHNAPWDVNDL\*CCRSIVGHSLLWGTCVERSNHHSILCLRC\*SI\*HGGT\*CLGHTCLCTHRP\*PTRSSIDKCNRKV\*HVEK\*HGGTDAGGCNQFMG\*KPKAMCKTNPTLCYFKLH\*F\*YY\*YQ\*\*YCF\*YQ\*\*Y\*Y\*LERDGGGRNKKLLFQCHCKHR\*EGAKRLCTF\*\*T\*CSTNR\*\*\*\*\*YKLYVDKL\*HLSHYTGLSKDIL\*TNSHTLLHPSWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASNVNSAAVKWHLSRRRGSN\*I\*KYFRQC\*NHNSTAK\*NCRN\*LYKTQQQYKKEYTAGRGENTLCNRKNNRRDKTSTL\*H\*CNKVD\*RFKPDSYKIKRTI\*\*NNNLYSIFRRGPRDNNAHF\*LWRGIFLL\*YNTTV\*\*HMA\*\*\*\*CKHMAC\*\*NCK\*Y\*RVKGRKYHTPMQNKTDYKQVAGSRKSNV\*PSH\*GLN\*MFIKYYRDTINERWWWS\*QPY\*RNLQTRRRKYEGQLEK\*II\*IQSSKN\*AIRTSTHKGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGCSGSDADGTGQAIVVWYSATAEQSAEGY\*GATTYVATHSLGH\*TAPGKSPGCGKIPNGSTAPRDLGLLWETHLPHYCALEY\*LE\*\*ILSGYLEQHDMDAMGKRN\*QLHRINIQLT\*RIAKPTRKE\*TGIIGIG\*VGKFVELVLYNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSK\*S\*AGILTLIVPDPPPNPGGTRKARRNRRRRWRERQRQIRTI

>B.2004.JN692452.-

MDPVDPSLEPWKHPGSQPKTACNKCFCKRCCFHCYKCFVTKGLGISYGRKKRGQRRRPHQDSKTHQISLPKQ\*VVHVMQSLQILAIVALVVVAIIAIVVWTIVFLEYRKILRQRRIDRLLDRIRERAEDSGNESDGDQEELLVEMGHHAPWDVDDL\*C\*KRFVGHGLLWGACVERSNHHPILCIRC\*RL\*YRGT\*CLGHTCLCTHRP\*PTGTRIEKCNRRL\*HVEK\*YGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLY\*LD\*YQYQ\*\*\*CVGQ\*\*FEI\*GGRNKKLLFQYLHKHRK\*DAEKLCTFQ\*T\*CSSNR\*YKLYVGKL\*HLSHYTVLSKSIL\*TNSHTLLCPGWFCDSKV\*\*\*KIQWKRTM\*KC\*HSTMYTWN\*ASSINSTTVKWQPSRRRDSN\*I\*KHHKQC\*NHNSTSE\*ICRN\*LYKTQQQYKKRYTYRTGENILCNRTNNRRYKTGTL\*H\*WRKME\*HFKTDSYKIRRTI\*EQNNSL\*SVLRRGPRNCNAQF\*LWRRILLL\*YITTV\*\*YLGA\*WYLAVK\*Y\*E\*G\*WV\*\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRTN\*LFITYNRTAINKRWWK\*\*\*NKRVRNRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSNNTRSYVPWVLGSSRKHYGRSVDDADGTGQTIIVWNSATAEQSAEGY\*GATAYVETHSLGHQAAPGKSPGCGEIPTGSTAPRNLGVLWKTHLHH\*CALE\*DLE\*\*IT\*GHLG\*HDLDAVGEGN\*QLHRHNIHIT\*NIATPARKE\*TRIIGIR\*MGKFMDLV\*HIKLAVVYKNIHNDSRRLSRFKNSFCCTFYSE\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERRRWIDEI

>B.2004.JN692453.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTKKALGIFYGRKKRRQRRRPPQDSQTDQVSLSKQ\*VIHVMQPLVILAIVALVVAAILAIVVWTIVFIEYRKIRRQKKIDRIIDRIIERAEDSGNESEGDQEELSALVGMGHHAPVEMGHHAPWDVNDL\*CRKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRS\*PTGSGIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CKE\*WYQQ\*\*YC\*YYH\*\*\*\*GRDEGRNEKLLFQCHHKNRR\*NAERICSFL\*T\*CSTNR\*\*\*YKLYIDKL\*HLSHYTCLSKDIL\*TNSNTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSIAVEW\*SSRRRDSN\*I\*KFLG\*C\*NHNSTVEQICGN\*LYKTQ\*QYKKKYTYRTRESIVYNRRNNRRYKTSTL\*R\*\*TKLDRNFKTDS\*KIKRTI\*QHKHNL\*AILRRGPGTSNAQF\*LWRGIFLL\*FITAV\*\*HLE\*YQLE\*Y\*YTGK\*H\*KYHTPMQDKTNYKQMAGSRKSNVRPSHQRNN\*MYIKYYRATINKRWW\*QEWDGKE\*DLQTYRRKYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSHNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYIATHSLGH\*AAPGKSPGCGKIPKRSTAPGDLGLLWKTHLHHCCALE\*\*LE\*E\*ISGQHLE\*HDLDAVGERN\*QLHKLNIHFA\*RIAEPTRKE\*TRIIGIG\*VGKSMELV\*YNKLAVVYKDIHNDSRRLNRFKNSFYCTFYSE\*S\*EGILTIIIPDPPPSPEGTRQARRNRRRRWRERQRQIRRL

>B.2004.JN692454.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCYHCQKCFITKGLGISYGRKKRKQRRRPPPDSSTHQVSLSKQ\*VVNVMQSLVIGSIVALVVVAIIAIVVWTIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*CCRKGVGHSLLWGTCVEKRKHHSVLCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*TTRNSIGKCDRRF\*HVEK\*HGRTDAGGCNQSMGSEPKTMCKINPTMCYFKLQKYGKKCLLYQ\*\*\*FGRTRNEGRNKKLLFQYHHRHRK\*GEKRLCNF\*\*T\*CSTNR\*\*\*\*YKLYVEKL\*HLSHYTGLSKDIL\*TNSHTLLYPGWFCASKM\*\*\*GVQWNRTM\*KCQYSTMYTWN\*ASSVNSIVVKW\*SSRKRDSN\*I\*KYPKQC\*KHNSTAE\*NCIH\*LYKT\*QQYKKKYTYGTRENILCHRRHNRKYKTSTL\*H\*\*TRVGKHSTTDS\*KIKQAFS\*\*NNKFY\*TLRRGPRG\*NVQF\*LWRGIFLL\*YNSAV\*\*YLEYNTA\*\*\*\*AG\*QWHPHPPMQNKTNHKQVAGSRKSNICPSHQRLN\*L\*LNNYRADINKRW\*WNRP\*Q\*V\*NFQTWRRKHEGQLEK\*II\*I\*SSKN\*AIRNSTLQGKEKSGAKREKSSGNDRSYVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAKQLAESY\*GATAYVATHSLGH\*AAPGKSPGCGKIPR\*STAPRDLGLLWKTHLHHCCTLE\*\*LE\*\*IFE\*HLGEHDLDAVGERN\*QLHN\*HIQIT\*RIATPARKK\*TRIIGIG\*VGKFVGLVYHNKLAVVYKNIHNGSRRLSRFKNSFYCTFYSE\*S\*EGILTTIIPDPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2004.JN692455.-

MEPVDPRLEPWQHPGSQPKTPCTSCYCKKCCYHCQVCFLNKALGISHGRKKRGQRRRAPQGSPTDQAPLPKQ\*VVHVMQPLEIAAIVGLVVAVIIAIIVWTIVIIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELAALVEMGHHAPWDVGDL\*SHRTVVGHSLLWGTSMERSNHHSILCIRC\*GI\*HRST\*CLGHTCLCTHRP\*PTRNTIGKSNRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPNLCYFKLQ\*C\*CYQC\*SVKWHF\*\*\*\*\*GTN\*YEKLLFQYHHKHKKGGAKRICNF\*\*T\*YSTNR\*\*G\*YKLYIDKL\*HLSHYTGLSKSIL\*TNSHTLLYSSWFCDSKV\*R\*QF\*WNRTM\*KCQHSTMYTWN\*TSSINSTTVKWQFSRRRGNG\*I\*KFHKQC\*NYNSTAE\*LCKN\*LYKTQQQYKKKYTYRTGKSILCNRRDNRRYKKGTL\*R\*YLRMGKTVGTGSSKIKRTIWK\*\*NNSL\*ALLRRGPRNCNAQL\*LWRRIFLL\*YIRAV\*LYFGK\*YFQK\*Y\*A\*N\*EYHTPMQNKTNYKQVAESRKGNVCPSHQRTD\*MFIKHYRDIINKRWWHTQQQ\*\*QQYRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSITDADGTGQTIIVWYSATAEQSAEGH\*GATASVAAYSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLEC\*LE\*\*KSEHHLG\*HDLDAVGKRN\*QLHRLNIHIN\*RIAKPTRKE\*TRVIGIG\*VGKFVELV\*YNKLAVVYKNIHNDSRRLSRFKNSFCYTFYSK\*S\*GGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRAIRSI

>B.2004.JN692457.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRAPQDSPIHQIPLSKQ\*VIHVMKPIQIVSIVALVVGAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVERGHIAPWDVDDL\*C\*KRQLVGHSLLWGTCVERSNRHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRIKNGKCDRKFSHVEK\*HGRTDAGGYNQFMGSKPKTMCKINPTLCYFKLQ\*\*CKCHY\*C\*\*EQNF\*LGTRDGKRNTKLLFQCNHKHRTKSAEGTCTF\*\*T\*YSANR\*\*YKHKLYIDKL\*HLSHYTSLSKDIL\*TNSHILLCPGWFCDSQV\*\*\*EVQWNRTM\*ECQHSTMHTWN\*ASSVNSTAVKWQFSRRRGNN\*I\*KYHRQYQKHNSAVE\*YRTN\*LYKTRQQYKKEYIYGTGESILYNRRHNRKYKTSTLHP\*\*STLEQHFKTDSYSIEKTL\*\*NNKI\*SIRRRGPRNCNAQF\*LWRGIFLL\*YNKAV\*\*YLAY\*WYLE\*H\*R\*\*DYHTPMQNKTNYKQVAGGRKSNVCPSH\*WMDQLFIKYYRADINKRWW\*PKRARLRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKRTNTRSVVSWVLGSSRKHYGRSVINADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQTAPGKSPCCGKIPTGSTAPRDLGLLWKTHLHHCRALEY\*LE\*QDKFDCNLE\*HDLDAVGERN\*QLHKHNIQPT\*GIASPTGKE\*TRIIGIGQMGKLVDLV\*HNKLAVVYKNIHNNSRRLNRFKNSFYCTFYSE\*S\*AGILTIVIPDPLPRPEGTRQARRNRRRRWRERQRQIQSI

>B.2004.JN692458.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRTPEDNQTHQVSLSDQ\*VVHVMQPLVIVGIVALVVATIIAIIVWTIVLIEYRRILKQRKIDRLIDRIRTRAEDSGNESEGDQEELSKLMEMGHDAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRPESTRNSIGKCDRKF\*HVEK\*HGRTDA\*GCN\*FMG\*KPKAMCKINSTLCYFKML\*FDW\*L\*Q\*\*WDTQREGRNTKLLFQYHHRHTR\*E\*ERICAFL\*T\*FSTNR\*\*\*CKL\*\*\*DKLYVDKL\*HLSHYTGLPKGIL\*TNSHTLLCPSWFCDSKV\*\*\*EIQWNRTMYKCQHSTMHTWN\*TSSINSTVVKW\*SSRRRGSN\*I\*KFHRQC\*NHNSTAERNCKN\*LYKAQQQYKKRYTSSREDIICNRGYNRRYKTSTL\*P\*QLTMEQNFGTGSDKIKRTIWGE\*NNNL\*PIPRRGPRNCNAQF\*LWRGIFLL\*YNKPV\*\*YLAE\*WSVGWYYWAR\*EWQYHTPMQNKTNYKQVAGSRKSNICPSHQRTN\*LFLKYYRAATHKRWW\*\*\*HEQ\*\*DLQTGRRKYEGQLEK\*II\*I\*SSTN\*AIRNSTHQGKKKSGAEREKSSNRSYVPWVLGSSRKHYGRSITDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*NFRLHLGEHDLDAVGERD\*QLYRLNIHLD\*KIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIYNNSRRRNRFKNSFYCTFYSK\*S\*AGILTFVIPDPPPSNEGTRQARRNGRRRWRARQRQINTL

>B.2005.JN692459.-

MEPVDPRLEPWKHPGSQPKTACSKCYCKKCCFHCQVCFTRKALGISYGRKKRRQRRRASQDGQTHQVSLSKQ\*VVHVMQPLHILAIAALVIAAIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESGGDEEELSRLVETGHLAVEMGHHAPWDVDDL\*CYTTIVGHSLLWSTCVERSNHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRP\*SSRNKPGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLCCFKLH\*CARWYYCKK\*\*\*YY\*\*DF\*GRDE\*RNKKLFFQYLHRHRKQSKGRLCTF\*SA\*CSTSRK\*\*\*KLYIEKL\*HHSHYTGMSKSIL\*TNSHTLLCPGWLCDFKM\*\*\*YVQWNRAMYKCQCSTMYTWN\*ASNINSTAVKWQSSKR\*GSN\*I\*KFHQQY\*KHNSTAEQNCSN\*LYKTRQQYKKKYTYSPRESILCKRRYNRRYKTSTL\*P\*\*SRLG\*GSNKGS\*KIKRKI\*K\*NNNFYKFLRRGPRNCNAQF\*LWRGIFLL\*YNTAI\*GYLEWHLD\*\*YLEGE\*Y\*KDR\*HYYHTPMQNKTNYKQVAGRRKSNVCPSYQRIH\*LFIKYYRANINKRWG\*QQLE\*DLEWDLLEGDLLE\*D\*DL\*TCRRRYEG\*LEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAKRKKSSGNDRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPSCEKIPKGSTAPRDLGLL\*KTHLHHCCALEY\*LE\*\*KSKCNLG\*YDLDAVGEKN\*QLYRTNILLT\*KIAKPTRKE\*ARIIEIG\*VGKLVELVRHIKMAVVYKNIHNDSRRLSRFKNSFYCTFYSK\*S\*EGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.2005.JN692460.-

MDPVDPRLEPWKHPGSQPKTACTKCYCKRCCYHCQVCFITKGLGISYGRKKRRQRRRAPQGSPPHQGSLSKQ\*VVHVMQPLEIASIVALAIAAIIAIVVWTIVLIEYKRILRQRKIDRLIDRITERAEDSGNESEGDQEELSALVEMGHHAPRNVDDL\*CYKTIVGHSLLWGTCVERSNHHSILCIRR\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSVGKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKLKAICKVNPTLCYSKLQ\*CNLHWE\*H\*\*\*\*L\*\*RWY\*YWYEK\*\*RWY\*YWYEKLLFQHHHTHKR\*GAKGICNF\*QT\*CSANK\*K\*\*\*\*\*\*GRIYVGKLQHFSHYTGLSKDIL\*TNPHTLLCPGWFCDSTM\*\*KDVQWNRTM\*KCQHSTMYTWN\*ASGVNSSAVKWQSGRRRDSN\*IRKSHKQC\*NHNSTAERNSRH\*LYKTQQQYTKKYKYRTRESMVYNRSYNRRYKTSILYS\*\*NKMGKHSKTDSYKISKTIS\*\*NNRL\*ATLRRGPRSYNAHF\*LWRKIFLL\*YIRAV\*\*YLAK\*WY\*E\*Y\*LYK\*\*\*PKEYHTPMQNKTNYKQVAGNGKSSICPSHQRNN\*LFIQYYRAAINKRWWQRWERHRKRHRGLQTWGRRYEGQLEK\*II\*I\*SSKN\*TIRNGTHRGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSGNDADGTGQTIIVWYSATAK\*FAESY\*STTAYVATHSLGHQAAPGKSPGCRKIPKGSTAPWDLGLLWKTHLHHFCALE\*\*LE\*\*ISR\*HLENKHDLDGVGERN\*QLYSRNIQIT\*RIAEPTRKE\*TRLIGIG\*VGRSVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTE\*S\*AGILTIVIPDPLPSSKGTRQARRNRRRRWRERQRHIQSI

>B.2005.JN692461.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRPPQNSSAHQGSLSEQ\*VVYVMQPLQIAAIVALVVVAIIAIVVWTIVLLEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELAALVEMGHDAHWDIDDL\*CYRPVVGHSLLWGTCVERSNHYSILCIRC\*SI\*HRGA\*CLGHTCLCTHRP\*PTRSTIGKCDRIF\*HGKK\*HGRTDA\*GCN\*LMG\*KPKAMCTTNPTLCYFELH\*L\*C\*\*YQE\*YYPCSQ\*\*\*LKKYDGRHEKLLFQYHLKHTK\*GAKRICNF\*\*T\*CSTNR\*\*\*YKLYDDKL\*YLSHYTGLSKSIL\*TNSHTLLCPGWFCDSKVQ\*\*EV\*WKRTL\*KC\*YSTMYTWN\*ASSVNSTAVKWQSSRRDSN\*I\*KSHKQC\*NHNSTAE\*NCKN\*LHKTQQQYKKKYTYRTRESTLCNRTNNRRYKTSTLYP\*\*DTMEQHFETNSYKIRRTIQ\*INNNP\*STLRRGPRNCTA\*F\*LWRGIFLL\*YNKTV\*\*YLD\*E\*\*YLEQ\*LD\*YRKYHTPMQNKTNYKQMAGSRKSNVCPSHQGTN\*LFIKHYRAVINKRWR\*RDH\*\*N\*\*NFQTCRRRYEGQLEK\*II\*I\*NSKN\*TIRSSTHQGKEKSGAERKKSSRTRSCVPWVLGSSRKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATTYVATHSLGRQAAPGKSPGCGTIPKGPTAPRDLGLLWKTHLQHCCTLEC\*LE\*\*\*RSK\*DLG\*HDLDGVGERN\*QSHRVNIQLT\*RITKPTRKE\*TRLISIR\*LGKFVELV\*HNKMAVVYKNIHNDSSRLNRSKNIFYCTFYSE\*S\*AGILTIIVPDPPPSSEGTRKARRNRRRRWRERQRHIHTI

>B.2005.JN692462.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVYVMQSLQIVAIVALVVVTIIAIVVWTIVGVEYRKILRQRKIDKLIDRIREREEDSGNESEGDQEQLSALLEMGHLAPGDVDDL\*CYRTRKIVGHSLLWGTCVERSKNHSILCIRC\*SS\*PRGT\*CLGHTCLCTHRP\*TTRNSIRKCNRKI\*HVEK\*YGRTDA\*GYNQFMGSKPKAMCEINPTLCYVKLY\*YFYQ\*Y\*\*Q\*\*Y\*\*Q\*LEKYGTGRNEKLLFQYHHKHRK\*DAERICTFL\*T\*CTTNR\*YKLYIDKL\*HLSHYTGLSKGKL\*SNSHTLLCPGWFCNCKV\*\*\*EI\*WNRAM\*KCQHSTMYTWN\*ASSVNSTIVKWQSSRRRDSN\*I\*KFHKQC\*NYNSTAE\*ISRN\*LYKTQQQYKKRYTYGMGESILCNKCNSRRYKASTL\*P\*\*GKLGKNVKTGS\*KITKTI\*YHNNL\*SVRRRGPRNCNAQF\*L\*RGIFLL\*YITTV\*\*YLENWN\*\*VYRKWNYHTPMQNKTNYKQVAGSRKSNVCPSHRRTN\*MFIKYYRAAINKRWW\*RQQWVRDLQ\*DLHLWTRRYEYELQL\*IIFI\*RYGNGACTISTHPDQGKEKSGAERKKSSGSRSCVPWVLGSSRKHYGRSVSGADGTSQTIIVWYSATAGQSAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPRGSTAPRDMGLLWKTHLHH\*CALEC\*LE\*\*ISE\*DLGKHDLDGVGERN\*QLHRLNIHLTARIAKPTRKK\*ARIIGIR\*VGKFVELV\*YNKMAVVYKNIHNDSRRLSRFKNSFCCTFFSE\*S\*AGVLTIVIPDPPPSSEGTRQARRNRRRRWRERQRRIQKI

>B.2005.JN692463.-

MEPVDPKLEPWKHPGSQPTTACTNCYCKKCCFHCQVCFTKKALGISNGRKKRRQRRRTPQGSQTHQTSLPKQ\*VIYVMQPVVIGAIIALVVVAIIAIVVWSLVLIEYRRILRQRKVDRIINRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*YCRTTIVGHSLLWGTCVERSNHHSILCIRC\*RI\*YRGT\*CLGHTCLRTHRPQPTRSSIGKCDRKV\*HVEK\*HGRADA\*GCNQFMGSKPKAMCKINPTLCYLKLQ\*C\*FH\*F\*\*Y\*\*\*\*\*Y\*DGGGRSKKLLVQYHCRHKR\*DTERICTVI\*T\*YSTNR\*\*\*Y\*L\*VNKL\*HLSHYTGLSKGNL\*ANSYTLLCPSWFCDSKV\*\*\*AVQWNRTV\*KCQHSTVYTWN\*ASSINSIPVKWQSSRRRGSN\*I\*KHHRQW\*EHHNTAERNCNN\*LYKTRQQYKKKYTYRTRKSILCNRRHNRRYKTSTL\*P\*\*RSLE\*HFIQGS\*KIKRTI\*\*NNNL\*LILRRGPRSCNAQF\*LCRGVFLL\*YDTTV\*\*YLGYG\*QGCEWYYRK\*NYHTSMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKYHRAAINKRWWWQ\*KQK\*\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNTRSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKAHLHH\*CALEF\*LE\*\*ISKLYLG\*HDLDGMGKRN\*\*LHRIHIHFT\*RIAEPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVCKNIHNDSRRLDRFKNNFYCTFYSE\*S\*AGILTIIVADPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2005.JN692464.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDYQAHQDSLSKQ\*VVHVMKPLQIAAIVALVVVGILAIGVWTIVLIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLVEMGHDAPWDVNDL\*CCRQIMGHSLLWGACVERSNHHSILCIRC\*RI\*YRST\*CVGHTCLCTHRP\*PTGNGIGKCDREF\*HVEK\*HGGPDA\*GYNQFMGSILKAMCKINPTLCYFKLFYFEYKVQ\*YWY\*\*\*PLRRNEKLHF\*YHHRHRR\*DEKRICTFLYR\*YSINRGR\*\*D\*LYVDKL\*YLSH\*TGLSKGNL\*TNSYTLLCPGWFCDFKV\*\*\*EV\*WIRTMYKCQHSTMYTWN\*ASSVNSTVVKWQSSRRRYSN\*I\*KFHGQC\*KHNSTAE\*NCSN\*LYKA\*QQYKKKYTYGMGKNILCNRRHNRRHKTSTLQSQ\*SRLEQHFTTNNCKIKRTI\*ESNNSF\*SILRRGPRNCKAQF\*LWRGILLL\*YN\*AV\*\*\*NTE\*HYHTPMQNKTNYKQMAGSRKINVCPSHQRRN\*MFIKYYRADINKRWW\*QYQHH\*DLQTWRRKYEGQLEE\*II\*I\*SSKN\*ATRNSTHQGKEKSGAKRKKGSGNVWSYVPWILGSSRKHYGRSVTDADGTGQTIIVWYSATAKQFAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALE\*\*LE\*\*KLE\*DLG\*HDLDAMGKRN\*QLHRHNIPIA\*KIAKPARKERTRIIGIG\*MGKFMELV\*HNKLAMVYKNIHNDSRRLNRFKNSFCCIFYSE\*S\*AGILTIVVPDPPPSSEGTRQARRKRRRRWRQRQRQINSI

>B.2005.JN692465.-

MEPVDPRLEPWKHPGSRPKTACTKCYCKKCCLHCQVCFTTKGLGISYGRKKRRQRRSAPKGSQTHQDHLPKQ\*VVYVMLTLSILTIVAFVVVTIIAIVVWTIVFIEYRKIVKQRKIDRLLDRIAERAEDSGNESDGDQEELSALVERGHLAPWPIDDL\*CCRKLVGHSLLWGTCVERGKYHSILCIRC\*SI\*YRDA\*CLGYTCLCTHRPQPTRNTIGKCNRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCQTNPTLCYYELHRCRD\*CY\*K\*\*\*\*FGDQRRNEKLLFQCHLRRKRQSKERTCTFLCT\*CSTNR\*W\*E\*Y\*LYADKM\*YLSHYAGLSKGIL\*ANSHTLLRPSWFCDFKV\*Q\*DIQWIRAMYKCQHSTVYTWN\*ASSVNSTAVKWQFSRRRDSN\*V\*KFHEQC\*KHISTAEGPRTHYLYKTQQQYKKRCNYGTRESIFYKDNRRYKKSTLQH\*YDRLE\*HFNTDS\*KIKETVWEQQNNSL\*SILRRRPRNCRAQF\*LWRGILLL\*YNRAV\*GYLEWYLEWYYLG\*\*YLG\*WYWEYEHHTPMQNKTNYKHVAGGRKSNVCPSHQRTH\*LYIKYYRDDINKRWW\*W\*RESGDLQTWRRRYEGQLEK\*II\*I\*SNKN\*TIRSSTHQGKEKSGAERKKSSYRSCAHWVLGSSRKHYGRSVNNADGTSQAIIVWYSATAEQSAESY\*GATTPVATHCLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*ELEWISG\*HLD\*HDLDAVGKRN\*QLHTNNI\*LN\*KIAKPTRKE\*TRFIGIR\*VGKFVELV\*HIKMAVVHKNIHNDSRRLDRFKNIFCCSFYNK\*S\*AGIFTLVISDPLPSPEGTRRARRNRRRRWREKQRQINSI

>B.2005.JN692466.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRRAHQGSPTHQVSLSKQ\*VVHVMQPLQILAIAALVIAAIIVIVVWTIVFIEYRKLRRQRKIDRLIDRVRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIKC\*SI\*HRGT\*CLGHVCLCTRRP\*STRSSTGKCDRIL\*HVEKYNGRTNA\*GYNQFMGSKPKAMCKINSALCYFKLY\*C\*\*DC\*Q\*\*\*\*WGKSEGRNKKLLFQYHHKQKN\*GTKRVCIF\*\*T\*CSTNR\*\*\*YKLYVDTL\*HLSHYTGLSKDIL\*TNSHTLLYPSWFCDSQV\*\*\*KVQGNRTMYKRQYSTMYTWD\*ASSVNSTAVEWQSSRRRDSNQI\*KFHEQC\*NHNSTAEQVCRN\*LYKTQQQYKKKYTSRMGESILCNRRNNRKYKTSIL\*P\*WNRLGEHFKTDSRKVKRTI\*K\*NNIL\*SILRRGPRNSNAQL\*LWRGIFLL\*YNTVI\*\*YLGV\*\*YYAVEYYR\*NYHTSMQNKTNYKQVAGSRKSNVCPSHRRTN\*LFIKNYRAAINKRWWK\*W\*QYWERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHHGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKAHLHHYCALEC\*LE\*\*ISEYDLG\*HDLDGVGERN\*QLHRLNIQLT\*RIAKPTRKE\*TRIIGMG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFDSE\*S\*EGILTTVIPDPAPSQEGTRQARRNRRRRWRERQRRIQSI

>B.2005.JN692467.-

MEPVDPSLEPWKHPVSQPRTACTKCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRSPQDSQTHQVSLSKQ\*VVNVMLALNILAIIALVIAAIIAIVVWTIVLIEYRKILRQRRIDRIINRIIERAEDSGNESEGDREELLVEMGHDAPWDIDDL\*CCRKVVGHSLLWSACVERCKRHSILCIRG\*IS\*HRGT\*CLGHTCLCTLRPKPTADSLGEWDRIF\*LCEKNNMLEQMQVVRISLWDQREKPRAKGTTVCVTLLAPMVEYYCEYYCQYYRQYYSGGKNGGGRNKKLLFQSLLKHRK\*EA\*RICTFL\*T\*CNVNS\*\*\*YKLYTDKLQHLSHYTGLSKDNF\*TNSHTLLCPSWFCDSKV\*\*\*EIQWIRTMYKCQHSTMYTWN\*ASSVNSTIVKWQSSRRRSSN\*I\*KFHGQC\*KHNSTAERNCRNKLHKT\*\*QYKKKYTSRAR\*SIVCNRGNNRRYKKSTL\*P\*\*NKME\*HFRTDN\*KTRRTI\*E\*NNNL\*AFLRRGPRN\*NTQF\*LCRGIFLL\*FNTTV\*YLE\*YYPWRK\*HNHTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*LCIKYHRADINKRWW\*HE\*PERVRDLQTWRRKHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQLAEGY\*GATASVATHSLGHQAAPGESPGSGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*IFE\*HLG\*IDLDGVGERN\*\*LHRPNIHLT\*RIAKPARKE\*TRFIAIG\*VGQFVELV\*HNKLAVVHKNIHNDSRRLNRFKDSFCCIFYSE\*S\*AGIFTIIVPDPPPNTEGTRQARRNRRRRWRERQRQINSI

>B.2005.JN692468.-

MEPVDPRLEPWKHPGSQPRTPCTPCYCKKCCFHCQVCFINKALGISYGRKKRRRRRAPKGSPRHQVSLPKQ\*VIHVMHPLQILAIVALVVVAIIAIVVWTIVIIEYRKLRRQKKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHHAPWDVDDL\*C\*PIMGHSLLWGTCVERSNHHSILCIRC\*SI\*PRDT\*CLGHTCLCTHRP\*STRSKFGKCDRKF\*YVEKQHGRTDA\*GYNQFMGSRPKAMCKINPILCYFKLCHFKLQ\*\*\*YYL\*CY\*QHKWRNKYEGRIKKLFVQYHHTDKK\*GANRICNF\*\*T\*YSTNR\*\*\*\*QELYVDKL\*YLSHYTGLSKGIL\*TNSHTLLYPGWFCDSKV\*R\*EVQWNRTMYKRQHSTMYTWN\*ASSVNSIAVKWQSSRRRCSN\*V\*KFLEQC\*KHISTAE\*NCTN\*LYKTQQQHKKEHTCRMGKNIICNRRNNRKYKTSTL\*P\*\*NRLGKNFKTDSYKIRRTIWE\*\*NNKI\*SIHRRRPRNCNTYF\*LWRGIFLL\*YNKVV\*\*YLELQQH\*QNLE\*N\*REPYWSK\*HNHTPM\*NKANYKQVAGSRKSNVCPSH\*GTN\*MYIKYYRDNINKRWW\*\*DWDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGNSRKHYGRSVNHADGTGQTIIVWYSAAAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKRSTAPRDLGLLWKTHLHH\*CTLE\*\*LE\*\*KSERYLG\*HDLDAVGERN\*QCHRINIQLT\*RIAEPARKE\*TRIIRIG\*VGKFVELV\*HNKMAVVYKNFHNDSRRLSRFKNSFCCAFSSE\*S\*AGILTIIIADPPPRTEGTRQARRNRRRRWRARQRQIQTI

>B.2005.JN692469.-

MEPVDPRLEPWKHPGSQPKTACTKCFCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSPTDQTPLSKQ\*VVHVMPPLHIIAIVALVVAAIIAIVVWTIVLLEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELAKLVEMGHHAPWDVDDL\*C\*RRRRFVGYSLLWGTCVERSIHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*TTRNSNGKCDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KPKAMCKINPNLCNFKMH\*CDVE\*\*QYRE\*\*QYYRLGRGKKLLFQYNKRHGRKGAEGLCHF\*\*T\*YSTNRW\*\*\*YKLYVNKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDCKV\*\*\*KFQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRGRCNN\*I\*KFH\*\*C\*NHNSTAE\*NCRNYLYKTPQQYKKEYTYGMGENVLCNRRNNRRYKTSTL\*H\*FYKME\*HFKTDS\*KIKGTI\*\*NNNL\*FILRRRPRNCNAHF\*LRRGIFLL\*HNKAV\*\*YLEA\*\*YY\*Y\*RKFH\*\*\*HYYTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*M\*IKYYRAAINKRWW\*HQQ\*\*SQQQ\*NLQTWRRRYKGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGNIRSCVPWVLGNSRKHDGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*VL\*SDLE\*HDLDAVGERN\*QLHTTNIHLT\*RIAVPTRTQ\*TRIIAIG\*MGKFVELV\*YNTMAVVYKNIHNDSRRLSRFKNSFYCNFFSE\*S\*AGILTIVIPDPLPSREGTRQARRNRRRRWRERQRKIQQI

>B.2002.JN692470.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFLKKGLGISYGRKKRRRRRRSPPANQTHQASLSEQ\*VIHVMLQMLQIVAIAALVVVAIIAIVVWTIVGIEYRKILKQRKIDRLIARIRERAEDSGNESEGDQEELSALVVDMGHDAPWDVDDL\*CYRTIGSHSLLWGTCVERSNNHSILCI\*C\*SI\*YRGT\*CLGHTCLCTHRP\*PTRDRIKKCNRKF\*HVEK\*HGRTNA\*RYNQFMGSKPKAMCKTNPTLCYFKLH\*CEEYHYQ\*HYR\*\*\*WGEYHWLGRDEKLLFQYNHKQERQGRKSLGNFL\*S\*CSTNRR\*\*\*\*\*\*\*\*LYADKL\*YLSPYTGLSKDDL\*TNSHTLLCPGWFCDSEV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSTTTKWQSSRRRGDN\*I\*KYLGQR\*NHNSTAK\*NCAN\*LFKTQQQYKKKYTYRTRESIFYNRRYNRKYKTSTL\*H\*\*SRLE\*NFKNGSYKIKRTF\*KQNNSL\*TTLRRGSRNCNAQC\*LWRGIFLL\*YNTAV\*\*YLAV\*\*YLAYKWYK\*LK\*H\*YYHTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*LFIKYYRAIINKRWW\*Y\*\*Y\*\*NLQTWRRKYEGQLEK\*IIQI\*SSTN\*PIRSSTHQGKEKSGAEREKSSGSAGSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAKQFAEGY\*GAAASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IYESNLG\*HDLDGVGKRN\*QLHSINIQPTRRNAEPARKE\*TRLIIIRSVGKFVELV\*YNKMAVVYKNIHNDNRRLDRFKNNFCCTFYSK\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRGRQRQIQTI

>B.2005.JN692471.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQDSENHQVPPSEQ\*VLHVMQSLEILAIVALVVAVIIAIVVWTIVIIEYRKILRQRKIDRLIKRISERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*CCRTIVGHSLLWGTCVERSNHHSILCIKC\*SI\*HRGT\*CLGHTCLCTYRP\*PTRSSLEKCDRKF\*HVEK\*HGGTDA\*GCDQSMGSKFKAMCKINPILCYFKLH\*LEEC\*\*YPKYD\*YQ\*\*Y\*WGNDGGRDKKLLFQGHHKHRK\*EEERICTVL\*P\*CSTNS\*\*\*DKLYVETL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTVVKWQSSRRRDSN\*I\*KFHKQC\*NHNSTVERVCSN\*LYKTQQQYKKKYPYGMGESILCNRKNNRRYKTSIL\*H\*\*RKMEQHFKNDS\*KIKRTI\*YNNNRV\*SILRRGPRNCNAQF\*LWRGIFLL\*YNKTV\*\*YLEQ\*CLDA\*\*RVK\*N\*NHNPMQNKTNYKQVAGHRKSNVCPSHPRTN\*MFIKYYRAAINKRWW\*\*QEREQ\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTLQGKEKSGAKRKKSSGIWSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGYQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*NYG\*NLE\*HDLDAVGERD\*QVHRLNIYLN\*KIAEPTGKE\*KGIIGIG\*MGKLVDMV\*YIKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*EGILTIIIPDPPPRHEGTRQARRNRRRRWREKQRQIRAI

>B.2005.JN692472.-

MEPVDPRLEPWNHPGSRPKTACTKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRSAPKDSQTHQDHLPKQ\*VVYVMLTLTILTIVAFVVVTIIAIVVWTIVFIEYRKIVKQRKIDRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWPIDDL\*CCRKLVGHSLLWSTCVERGKYHSILCIRC\*SIYYRGTQCLGYTCLCTHRPQPTRNSIRKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCQTNPTLCYYELHRYRD\*C\*QQ\*\*\*\*FGGQRSNEKLLFQCHLRRKRQSKERTCTFLFT\*CSTNR\*Y\*LYDGKM\*HLSHYAGLSKGIL\*ANSHTLLRPSWFCDSKV\*Q\*GIQWIRAMYKCQHSTVYTWN\*ASSVNSTAVKWQFNRRRHSN\*V\*KFHE\*C\*KHTSTAEGPRKHYLYKTQQQYKKRYNYGTRKSIFYKDNRRHKKSTLQH\*YDKLE\*HFNTDS\*KIKGTVWEQNNNL\*SILRRGPRNCKAQF\*LWRGIFLL\*YNRSV\*GCLEWYLD\*\*YLGKWYLG\*WYLEYYRVKEEHHTPMQNKTNYKHVAGGRKSNVCPSHQRTH\*LYIKYYRDDIDKRWW\*W\*QE\*GDLQTWRRRYEGQLEK\*II\*I\*SNKN\*TIRSSTHQGKEKSGAERKKSSYRSCAHWVLGSSRKHYGRSVNNADGTSQAIIVWYSATAEQSAESY\*GATTSVATHCLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CVLEC\*LE\*KLEWISG\*HLD\*HDLDAVGKRN\*\*LHTNNIQLN\*KIAKPTRKE\*TRFISIR\*VGKFVELV\*HIKMAVVHKNIHNDSRRLDRFKNSFCCIFYNK\*S\*AGIFTLVIPDPLPSPEGTRRARRNRRRRWRERQRQINSI

>B.2005.JN692473.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQDSPSDQGSIPKQ\*VVNVMHSLQIAAIVALVVVGILAIAVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSTLLEMGHHAPWNVDDL\*CC\*TIVGHSLLWGACVERRDHHSILCI\*C\*SI\*HRGT\*CLGHTRLCTHRP\*PTRSSIGKCDRKF\*HVEK\*HGRADAGGCNQFMGSKPKAMCKINPTLCYFTLH\*LCWGK\*YYW\*LYWGE\*\*\*\*\*LY\*GE\*Y\*Y\*\*YRVE\*DGGRNKKLLFQYYHKHKK\*GATRICTF\*\*T\*CGTNR\*\*\*YKLYVDKL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*C\*EFQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KSHGQC\*QHNSTARQTCRN\*LYKTQQQYKQKYTYGMGESILCNRKNNRKDKTSTL\*R\*CNRLEPHFNKDKGKTKRTF\*\*NNIL\*SALRRGPRNYTAHF\*LWRRIFLL\*YIKAV\*\*ELD\*\*\*\*\*YWK\*YWE\*YYHTPMQNKTNYKQMAGSRKGNVCPSHSRTN\*MFIKYYRADINKRWW\*S\*Q\*\*R\*\*NLQTWGRRYEGQLEK\*II\*I\*SNKN\*AIRNSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSGSDADGTGQTIIVWYSATAEQSAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALECQLEQ\*ISG\*HLAEHDLDGVGKRD\*QLHRHNIQLT\*KIADPTRKK\*TRLIGIG\*VDKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNNFYCTVYSE\*S\*AGILTIVIPDPLPSPEGTRQARRNRRRRWRKKQRWIRSI

>B.2005.JN692474.-

MEPVDPKLEPWKHPGSQPKTACTKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRTPQGCQTNQVALPKQ\*VASVMQALSIVAITALVIAAIIAITVWTIVFIEYKKIKRQRKIDRLLERISERAEDSGNESEGDHEDLAALVEMGHHAPWVVDDL\*CYRQFVGHSVLWGTCVERSNHHSILCIRC\*II\*HRGT\*CLGHTCLCTHRP\*PTRGSIGKCDRKF\*HVEK\*HGRSDA\*RYNQFMGSKPKAMCKINSTLCHFKLH\*LETE\*YH\*WDPK\*\*\*NYWAKDGGRNKKLLFQCHHRHSK\*VSQRICAFV\*N\*CCTNRKG\*YKLYVNKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWNRTMYKCQHSTMYTWN\*ASSVNSTTVKWQSSRRRGNN\*I\*KPYGQC\*NHNSTAE\*ICSN\*LYKAQQQYKKKYTVRMGKSIVCNRRHNRGYKTSTL\*PE\*KRLEQNFTSNSYEIKRTL\*QNNNL\*AILRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*\*HLAV\*QHLESKC\*\*CRQYHTPMQNKTNSKQMAGSRKSNVCPSHQRTN\*MFIKYYRAALNKRW\*\*\*HQQQRDL\*TWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKKKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*SATSSVAAHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHYCALE\*DLE\*\*ISG\*NLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIANPTRKE\*TRIIAIGFMGKFVELV\*HIKLAVVYKNIHNDSRGFSRVKNSFYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRAKQAHIRKI

>B.2005.JN692475.-

MEPVDPSLEPWKHPGSQPKTACTKCFCKMCSYHCQVCFTTKGLGISYGRKKRRQRPGAPRDSSTDQAPLSKQ\*VVYVMQSLQIVAIAALVIVTIIAIVVWTIVLIEYRKILRQRKIDKLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPWDVDDL\*CCRTIMGHSLLWSTCVERNNHHFILCLRC\*SI\*HRGT\*CLGHICLCTHRP\*PTRSSNGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKAKAMCNINPILCYFKLH\*C\*\*YSC\*\*DQYHCSYYYHCCR\*RNKTLLFQCHR\*HRKGTNRTCIF\*\*A\*CSTNR\*\*\*\*\*W\*WKIYVDKL\*HLSHYTGLSKDIL\*PNSHTLLCPGWFCDSKM\*\*\*NVQWNRTMYKCQHSTLYTWN\*ASSINPVVIKWQSSRRRDSN\*I\*KFHEQC\*NHNSTVEQNCSN\*LHKTQQQHKKKYTYGTREIILCNRRYNRRYKTSTL\*C\*\*HEVD\*HLTTDSDKISRTI\*YNRTR\*\*NNKL\*SIRRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEV\*WYLEYVQWE\*Y\*KEYHTPMQNKTNYK\*VARSRKGNVCPSHQRNN\*MFIKYYRAAINKRWG\*\*FDRNLQTGRRRYEGQLEK\*II\*I\*SNKD\*AIRNSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GAAAYVATHCLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHH\*CALEYYLE\*EISE\*NLE\*HDLDAVGKRN\*\*LHRLNIQLTRRIANPTRKE\*KRLTGIG\*VGKFVELV\*HIKLAVVYKNIHNDNRRLNRFKNSLYCTLYSKKS\*AGILTIVIPDPTPKPEGTRQARRNRRRRWRKRQRWIRTI

>B.2005.JN692476.-

MDPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQGSPTHQGSISKQ\*VVHVMQPLGIASIVALVIAAIIAIVVWTIVLIEYKRILRQRKIDRLIDRITERAEDSGNESEGDQEELSALVEMGHHAPWNVDDL\*CYKVGHSLLWGTCVERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSVGECDRKF\*HVEK\*HGRTDA\*GCNQFMGSKLKAMCKVNPTLCYSKLQ\*CILHWK\*HL\*\*Y\*\*\*QWY\*YWYEKLLFQHHHTHKR\*GAKGICNF\*\*T\*CSANR\*\*\*\*\*\*\*\*DIYVGKLQHLSHYTDLSKDIL\*TNPHTLLCPGWFCDSKM\*\*KDVQWNRTM\*KCQHSTMYTWN\*ASGVNSSAVKWQSGRRRDSN\*I\*KSHKQC\*NHNSTAERNSRN\*LYKTQQQYNKKYKYRTRESMVYNRSYNRRYKTSILYS\*\*NKMGKHSKTDSYKISKTISQ\*NNIL\*STLRRGPRSYNAHF\*LWGGIFLL\*YIRAV\*\*YLAK\*WY\*E\*Y\*PNKWYYHTPMQDKTNYKQVAGNGKSNICPSHQRNN\*LFIQHYRAAINKRWWQM\*ERHRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHRGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSGNDADGTGQTIIVWYSATAK\*FAESY\*STTAYVATHSLGHQAAPGKSPGCRKIPKGSTAPWDLGLLWKTHLHHFCALE\*\*LE\*\*ISR\*HLENKHDLDGVGERN\*QLYSRNIQIT\*RIADPTRKE\*TRLIGIG\*MGKSVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIVIPDPLPSSKGTRQARRNRRRRWRERQRHIQSI

>B.2006.JN692479.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKALGVSYGRKKRSQRRRSHRYSQTDQAPLSKQ\*VVHVMQSLQLLAIVALVVAAILAIIVWTIVFIQYRRIVKQRKIERLIDRIAERAEDSGNESEGDQEELSTLMEMGYHAPWNVNDL\*CCRTVVGYSLLWGTRVEKCNHHSILCIGC\*GISSRGT\*YLGHTCLCTHRP\*PTRNKLAECDRIF\*HVE\*\*HGRTDA\*GYNQFMGSKPKAMCKINPALCHFKLH\*C\*HYY\*YQ\*\*\*DQ\*\*\*KTKNGEGRNEKLLFQYHRKHKK\*GEERICTF\*\*T\*YSPTR\*\*\*\*YKLCIKKL\*HLSHYTGLSKDIL\*TNSHTLLHPSWFCDSKVQ\*\*KLQGIRTMYKCQHSTMYTWN\*TSSVNSTTVKWQSSRRRRSST\*VKKFHRQY\*NHNSTAA\*QCNN\*LSKT\*QQYKKKYTHSTRESILCNRSYNRRYKTSTL\*HQ\*KSLE\*HFKTGS\*QTKRTI\*\*\*DNSL\*PLLRRRPRNRNAHF\*LWRGIFLL\*FNTVV\*\*YLA\*YYRQ\*YYRQ\*QYHTPMQNKTNYKQVAKSRKSNVCPSHRRTN\*LYIKHYRAAINKRWWRKQWD\*DLQTWRGRYEGQLEK\*II\*IQSSKN\*AIRNSTHQGKEESGAKREKSSDAGSYVPWVLGSSRKHYGRSVTDADGTGQTIVVWYSATAK\*FAECY\*GATTSVATHSLGHQAAPG\*SPGYRKIPKGSTAPRNLGLLWKTHLHH\*CALEY\*LE\*\*ISGQHLG\*HDLDGLG\*RN\*QVLTINIHLN\*KIAKPAGKE\*TRIIRIR\*VGKFVELV\*HIKLAVVYKNLHNDSRRFSRLKNSFCCTFYSK\*S\*AGILTIIISDPLPSPAGTRQARRNRRRRWRERQRQIQSL

>B.2006.JN692480.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSPAHQVSLSKQ\*VVHVMLALQITAIVALVVVGIIAIVVWSIVLIEYRRLLRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVVEMGHHAPWDVDDL\*CCKAIMGHSLLWSTCVERSKHHSVLCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSSIKKCDRKF\*HVEK\*HGKTDA\*GCNQFMGSELKAMCKINPTLCHFELLLYQ\*YLWQ\*Y\*WLARYEGRNKKLLFQ\*HHRHRK\*GAKRICFL\*\*A\*YSTNR\*W\*FKLHVEKL\*HHSHYTGLSKGNL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*QCQHSTMYTWN\*ASSVNSTAVKWQSSRKRDNN\*I\*KFHEQC\*KHTSAAERICSN\*LYKTQQQYKEKYTSRTGKSILCNRRNNRKYKTSILYP\*RITMGKNFRKGSYKIKRTN\*\*HITLK\*HKNSLYKLLRRGPRNYNAQL\*LWRGIFLL\*HSTAV\*\*YLAVQ\*YLATE\*YLD\*WHYHTPMQNKTNCKQVAGSRESDVCSSHRRNNQLCIKHYRADINKRWKHNNK\*YLL\*KQY\*NLQTWRRRYEGQLEK\*II\*I\*SGNN\*ASGNSTHRGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVTNADGTGQNIIVWYSATAKQFAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*IFGGNLG\*HDLDAVGKRN\*QIHKLNIQLT\*RFAKPARKE\*TRLIGIG\*VDKFMELV\*HIKLAVVYKNIHNDSRRLSRIKNNFYCSFYSR\*S\*AGLLTIIFPDPPPSSEGTRQARRNRRRRWRERQRHIKTL

>B.2008.JN860769.-

MEPVDPRLEPWKHPGSQPRTTCTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRGPPQDSQTHQASLSKQ\*VVNVMQALYILAIVALVIAAIIAIVVWTIVIIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDQEELSALVVEMGHDAPWDVDDL\*CNKTIVGHSLLWGTCVERCIHHSILCIRC\*SI\*YRGT\*CLGHACLCTHRP\*PTRNSIGKCDRKV\*HVGK\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCHFKLH\*CVEKYY\*YY\*WWGGSDGERRNKKLLFQYHHKHKR\*EEHICTFL\*T\*CNTNG\*\*SIKK\*YYK\*YQL\*\*V\*VVKL\*HLSHYTGLSKGIL\*TNSYTLLHPGWFCDYTV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*TSSVNSTAVKWQSSRRGDSN\*I\*KFYKQC\*HHNSTAE\*ICNN\*LYKTQQQYKEKYTYGARESILYNRRHNRRYKKSTLQH\*\*NRLGKHFKTGS\*QINGTIWE\*NNSL\*ELLRRGPRNYNTQF\*LWRGIFLL\*YISTV\*SYV\*\*Y\*RRKYN\*KHKYNNYQAPMQNKTNYKHVAGSRKSNVCPSHQWTN\*LFIKYYRNTINKRWWW\*\*YGK\*DLQTWGRKYERQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSDRSYVPWVLGSSRKHYGRSVTDADGTGQTIVVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGPTAPRDLGLLWKTHLHHCCTLE\*\*LE\*\*ISD\*DLE\*HDLDGVGKRN\*QLYRHNILLN\*GIAEPAGKE\*TRIIGIG\*VGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSK\*S\*AGILTIVITDPLPSPEGTRRARRNRRRRWRERQRQIRDI

>B.2006.JN944897.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKQCCYHCQVCFLKKGLGISYGRKKRRPRRRTSPDSENHQDPLPKQ\*VVHVMNSLQVVAIVALVVVAIIAVVVWSIVFIEYKRILRQRKIDRLLDRIRERAEDSGNESEGDEEALAALVERGHLAPWNVDDL\*CYCTR\*VGHSTLWGTCVERSKNHSILCIRC\*SILNRET\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*\*DY\*SDE\*YSQRWSVNG\*RRNKKLLFQYHHKCTRQVAESICSIL\*T\*CSTNRG\*\*\*\*Q\*\*\*QL\*IDKL\*YLNHYTGLSKSIL\*ANSHTLLYPGWFCDSKV\*\*\*EFQWIRTMYKC\*HSTMHTWN\*ASSVNSTAVKWQSSRK\*GSN\*I\*KFHG\*C\*NHNSTAEGSCTN\*LYKTQQQYKKKYTYRTRESILCDRKHNRRYKKSILYH\*YNKME\*NFGTDS\*QIKRQIWRE\*NNSL\*FIRRRGPRNCNSQF\*LWRGIFLLQYNTTV\*\*YLES\*\*YLEWN\*KFK\*HYKK\*HNHTPMQNKTNYKLVAKSRKSNVCPSHQRTN\*LYIKYHRAAINKRWWKYK\*DQHH\*GLQTWRRKHEGQLEK\*II\*I\*SSRN\*TNRDSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVGSADGTGQTVIVWYSATAEQLAEGY\*GATTYVETHGLGH\*TAPGKSPSCGKIPKGSTAPGNLGLLWKTHLHHCCALEQ\*LE\*\*ISGVYLGQHDLDGVGKRN\*QLHRLNIQLN\*RIAAPAGKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCACYSE\*S\*AGIFTPIIADPPPSPEGTRQARRNRRRRWRQRQRHIHKI

>B.2006.JN944898.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKQCCYHCQVCFLKKGLGISYGRKKRRPRRRTSPDSENHQDPLPKQ\*VVHVMNSLQVVAIVALVVVAIIAVVVWSIVFIEYKRILRQRKIDRLLDRIRERAEDSGNESEGDEEALAALVERGHLAPWNVDDL\*CYCTR\*VGHSTLWGTCVERSKNHSILCIRC\*SILNRET\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*\*DY\*SDE\*YSQRWSVNG\*RRNKKLLFQYHHKCTRQVAESICSIL\*T\*CSTNRG\*\*\*\*Q\*\*\*QL\*IDKL\*YLNHYTGLSKSIL\*ANSHTLLYPGWFCDSKV\*\*\*EFQWIRTMYKC\*HSTMHTWN\*ASSVNSTAVKWQSSRK\*GSN\*I\*KFHG\*C\*NHNSTAEGSCTN\*LYKTQQQYKKKYTYRTRESILCDRKHNRRYKKSILYH\*YNKME\*NFGTDS\*QIKRQIWRE\*NNSL\*FIRRRGPRNCNSQF\*LWRGIFLLQYNTTV\*\*YLES\*\*YLEWN\*KFK\*HYKK\*HNHTPMQNKTNYKLVAKSRKSNVCPSHQRTN\*LYIKYHRAAINKRWWKYK\*DQHH\*GLQTWRRKHEGQLEK\*II\*I\*SSRN\*TNRDSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVGSADGTGQTVIVWYSATAEQLAEGY\*GATTYVETHGLGH\*TAPGKSPSCGKIPKGSTAPGNLGLLWKTHLHHCCALEQ\*LE\*\*ISGVYLGQHDLDGVGKRN\*QLHRLNIQLN\*RIAAPAGKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCACYSE\*S\*AGIFTPIIADPPPSPEGTRQARRNRRRRWRQRQRHIHKI

>B.2006.JN944899.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKQCCYHCQVCFLKKGLGISYGRKKRRPRRRTSPDSENHQDPLPKQ\*VVHVMNSLQVVAIVALVVVAIIAVVVWSIVFIEYKRILRQRKIDRLLDRIRERAEDSGNESEGDEEALAALVERGHLAPWNVDDL\*CYCTR\*VGHSTLWGTCVERSKNHSILCIRC\*SILNRET\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*\*DY\*SDE\*YSQRWSVNG\*RRNKKLLFQYHHKCTRQVAESICSIL\*T\*CSTNRG\*\*\*\*Q\*\*\*QL\*IDKL\*YLNHYTGLSKSIL\*ANSHTLLYPGWFCDSKV\*\*\*EFQWIRTMYKC\*HSTMHTWN\*ASSVNSTAVKWQSSRK\*GSN\*I\*KFHG\*C\*NHNSTAEGSCTN\*LYKTQQQYKKKYTYRTRESILCDRKHNRRYKKSILYH\*YNKME\*NFGTDS\*QIKRQIWRE\*NNSL\*FIRRRGPRNCNSQF\*LWRGIFLLQYNTTV\*\*YLES\*\*YLEWN\*KFK\*HYKK\*HNHTPMQNKTNYKLVAKSRKSNVCPSHQRTN\*LYIKYHRAAINKRWWKYK\*DQHH\*GLQTWRRKHEGQLEK\*II\*I\*SSRN\*TNRDSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVGSADGTGQTVIVWYSATAEQLAEGY\*GATTYVETHGLGH\*TAPGKSPSCGKIPKGSTAPGNLGLLWKTHLHHCCALEQ\*LE\*\*ISGVYLGQHDLDGVGKRN\*QLHRLNIQLN\*RIAAPAGKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCACYSE\*S\*AGIFTPIIADPPPSPEGTRQARRNRRRRWRQRQRHIHKI

>B.2006.JN944900.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKQCCYHCQVCFLKKGLGISYGRKKRRPRRRTSPDSENHQDPLPKQ\*VVHVMNSLQVVAIVALVVVAIIAVVVWSIVFIEYKRILRQRKIDRLLDRIRERAEDSGNESEGDEEALAALVERGHLAPWNVDDL\*CYCTR\*VGHSTLWGTCVERSKNHSILCIRC\*SILNRET\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*\*DY\*SDE\*YSQRWSVNG\*RRNKKLLFQYHHKCTRQVAESICSIL\*T\*CSTNRG\*\*\*\*Q\*\*\*QL\*IDKL\*YLNHYTGLSKSIL\*ANSHTLLYPGWFCDSKV\*\*\*EFQWIRTMYKC\*HSTMHTWN\*ASSVNSTAVKWQSSRK\*GSN\*I\*KFHG\*C\*NHNSTAEGSCTN\*LYKTQQQYKKKYTYRTRESILCDRKHNRRYKKSILYH\*YNKME\*NFGTDS\*QIKRQIWRE\*NNSL\*FIRRRGPRNCNSQF\*LWRGIFLLQYNTTV\*\*YLES\*\*YLEWN\*KFK\*HYKK\*HNHTPMQNKTNYKLVAKSRKSNVCPSHQRTN\*LYIKYHRAAINKRWWKYK\*DQHH\*GLQTWRRKHEGQLEK\*II\*I\*SSRN\*TNRDSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVGSADGTGQTVIVWYSATAEQLAEGY\*GATTYVETHGLGH\*TAPGKSPSCGKIPKGSTAPGNLGLLWKTHLHHCCALEQ\*LE\*\*ISGVYLGQHDLDGVGKRN\*QLHRLNIQLN\*RIAAPAGKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCACYSE\*S\*AGIFTPIIADPPPSPEGTRQARRNRRRRWRQRQRHIHKI

>B.2006.JN944901.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKQCCYHCQVCFLKKGLGISYGRKKRRPRRRTSPDSENHQDPLPKQ\*VVHVMNSLQVVAIVALVVVAIIAVVVWSIVFIEYKRILRQRKIDRLLDRIRERAEDSGNESEGDEEALAALVERGHLAPWNVDDL\*CYCTR\*VGHSTLWGTCVERSKNHSILCIRC\*SILNRET\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*\*DY\*SDE\*YSQRWSVNG\*RRNKKLLFQYHHKCTRQVAESICSIL\*T\*CSTNRG\*\*\*\*Q\*\*\*QL\*IDKL\*YLNHYTGLSKSIL\*ANSHTLLYPGWFCDSKV\*\*\*EFQWIRTMYKC\*HSTMHTWN\*ASSVNSTAVKWQSSRK\*GSN\*I\*KFHG\*C\*NHNSTAEGSCTN\*LYKTQQQYKKKYTYRTRESILCDRKHNRRYKKSILYH\*YNKME\*NFGTDS\*QIKRQIWRE\*NNSL\*FIRRRGPRNCNSQF\*LWRGIFLLQYNTTV\*\*YLES\*\*YLEWN\*KFK\*HYKK\*HNHTPMQNKTNYKLVAKSRKSNVCPSHQRAN\*LYIKYHRAAINKRWWKYK\*DQHH\*GLQTWRRKHEGQLEK\*II\*I\*SSRN\*TNRDSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVGSADGTGQTVIVWYSATAEQLAEGY\*GATTYVETHGLGH\*TAPGKSPSCGKIPKGSTAPGNLGLLWKTHLHHCCALEQ\*LE\*\*ISGVYLGQHDLDGVGKRN\*QLHRLNIQLN\*RIAAPAGKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCACYSE\*S\*AGIFTPIIADPPPSPEGTRQARRNRRRRWRQRQRHIHKI

>B.2006.JN944902.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKQCCYHCQVCFLKKGLGISYGRKKRRPRRRTSPDSENHQDPLPKQ\*VVHVMNSLQVVAIVALVVVAIIAVVVWSIVFIEYKRILRQRKIDRLLDRIRERAEDSGNESEGDEEALAALVERGHLAPWNVDDL\*CYCTR\*VGHSTLWGTCVERSKNHSILCIRC\*SILNRET\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*\*DY\*SDE\*YSQRWSVNG\*RRNKKLLFQYHHKCTRQVAESICSIL\*T\*CSTNRG\*\*\*\*Q\*\*\*QL\*IDKL\*YLNHYTGLSKSMSQFPYIIVPRLVLRF\*SVMIRISMDQDYVQMLAQYNAHMELGQ\*CQLNCC\*MAV\*QKMR\*\*LNLKISRIMLKP\*\*YS\*RKLYKLIVQDPTTIQEKVYI\*DQGEHFMRQET\*\*EI\*EKHIVPLI\*QNGIKLWNR\*LTN\*ETNLERIKQ\*SLIHPQEGTQKL\*LTVLIVEGNFSTAIQHNCLIVPGILIVPGMELKI\*ITLQEMTQSYSHAE\*DKL\*TCGKK\*EKQCMPLPSEDKLIVHQISQGCY\*QEMVEIQVRPTPLRSSDLEEET\*GTIGEVNYINIK\*\*KLNQ\*G\*HPPRQREEWCREKKEQWE\*ELCSLGSWEQQEALWAQRR\*R\*RYRPDSYCLV\*CNSRTTC\*GLLRRNNIC\*NSRSGALNSSRQES\*LWKDT\*GINSSWEFGVALENSFAPLLCLGTIVGVINLWSIFGAT\*PGWSGKEKLTTTQA\*YTT\*LKNRSSSRKRMNRNYWNWINGQVCGIGLT\*QTGCGI\*KYS\*\*\*\*EAW\*V\*E\*FLLCLL\*RIELGRDIHPYHCRSAPQPRGDPTGPKESKKKVETETETHPQD\*

>B.2006.JN944903.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKQCCYHCQVCFLKKGLGISYGRKKRRPRRRTSPDSENHQDPLPKQ\*VVHVMNSLQVVAIVALVVVAIIAVVVWSIVFIEYKRILRQRKIDRLLDRIRERAEDSGNESEGDEEALAALVERGHLAPWNVDDL\*CYCTR\*VGHSTLWGTCVERSKNHSILCIRC\*SILNRET\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYVKLY\*\*DY\*SDE\*YSQRWSVNG\*RRNKKLLFQYHHKCTRQVAESICSIL\*T\*CSTNRG\*\*\*\*Q\*\*\*QL\*IDKL\*YLNHYTGLSKSIL\*ANSHTLLYPGWFCDSKV\*\*\*EFQWIRTMYKC\*HSTMHTWN\*ASSVNSTAVKWQSSRK\*GSN\*I\*KFHG\*C\*NHNSTAEGSCTN\*LYKTQQQYKKKYTYRTRESILCDRKHNRRYKKSILYH\*YNKME\*NFGTDS\*QIKRQIWRE\*NNSL\*FIRRRGPRNCNSQF\*LWRGIFLLQYNTTV\*\*YLES\*\*YLEWN\*KFK\*HYKK\*HNHTPMQNKTNYKLVAKSRKSNVCPSHQRTN\*LYIKYHRAAINKRWWKYK\*DQHH\*GLQTWRRKHEGQLEK\*II\*I\*SSRN\*TNRDSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVGSADGTGQTVIVWYSATAEQLAEGY\*GATTYVETHGLGH\*TAPGKSPSCGKIPKGSTAPGNLGLLWKTHLHHCCALEQ\*LE\*\*ISGVYLGQHDLDGVGKRN\*QLHRLNIQLN\*RIAAPAGKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCACYSE\*S\*AGIFTPIIADPPPSPEGTRQARRNRRRRWRQRQRHIHKI

>B.2006.JN944905.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.JN944907.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPKGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.JN944909.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKINQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2001.JN944911.-

MEPVDPRLEPWKHPGSQPKTACTPCFCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRPHQDSQTHQSSLPKQ\*VVLVMQTLQILAIVALVIAGIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CYRKIVGHSVLWGTCVERSNHHFILCIRC\*SI\*PRDT\*YLGHTCLCTHRPQPTRSRIKKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKVY\*FECYQ\*Q\*H\*S\*H\*\*\*LGNEGRNKKLLVQYHHNSKR\*DTERICNFL\*TGCSTNKK\*\*Y\*L\*ADKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKM\*\*\*GVQWNRTMYKCQHSTMYTWN\*ASNINSTTVEWQSSRRQGSN\*I\*KFHGQC\*NHNSTSE\*NCKD\*LYKTQQQYKKKYTYSTGESILCNRRNNRRYKKSILYH\*\*IRME\*HFTKDSCNIKRTI\*E\*NNSL\*SILRRGPRSYNAHF\*LWRGIFLL\*YSTTV\*\*\*LGY\*Y\*WE\*YSRAK\*K\*HNHTPMQNKTNYKHVAESRKSNICPSHQWTN\*MFIKYYRADINKRWW\*\*\*PKQPRDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAEGKKSSGNRSSVPWVSGSSRKHYGRSVSDADGTGQTVVVWYSATAEQSAESY\*GATASVATHSLGH\*TAPGKSPGYGKLPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISGSDLE\*HDLEGVGKRN\*QLHRPNIHLN\*KIAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNGSRGLGRSKNSFCCTFYNK\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.2001.JN944912.-

MEPVDPRLEPWKHPGSQPKTACTPCFCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRPHQDSQTHQSSLPKQ\*VVLVMQTLQILAIVALVIAGIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CYRKIVGHSVLWGTCVERSNHHFILCIRC\*SI\*PRDT\*YLGHTCLCTHRPQPTRSRIKKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKVY\*FECYQ\*Q\*H\*S\*H\*\*\*LGNEGRNKKLLVQYHHNSKR\*DTERICNFL\*TGCSTNKK\*\*Y\*L\*ADKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKM\*\*\*GVQWNRTMYKCQHSTMYTWN\*ASNINSTTVEWQSSRRQGSN\*I\*KFHGQC\*NHNSTSE\*NCKD\*LYKTQQQYKKKYTYSTGESILCNRRNNRRYKKSILYH\*\*IRME\*HFTKDSCNIKRTI\*E\*NNSL\*SILRRGPRSYNAHF\*LWRGIFLL\*YSTTV\*\*\*LGY\*Y\*WE\*YSRAK\*K\*HNHTPMQNKTNYKHVAESRKSNICPSHQWTN\*MFIKYYRADINKRWW\*\*\*PKQPRDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAEGKKSSGNRSSVPWVSGSSRKHYGRSVSDADGTGQTVVVWYSATAEQSAESY\*GATASVATHSLGH\*TAPGKSPGYGKLPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISGSDLE\*HDLEGVGKRN\*QLHRPNIHLN\*KIAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNGSRGLGRSKNSFCCTFYNK\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.2001.JN944913.-

MEPVDPRLEPWKHPGSQPKTACTPCFCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRPHQDSQTHQSSLPKQ\*VVLVMQTLQILAIVALVIAGIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CYRKIVGHSVLWGTCVERSNHHFILCIRC\*SI\*PRDT\*YLGHTCLCTHRPQPTRSRIKKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKVY\*FECYQ\*Q\*H\*S\*H\*\*\*LGNEGRNKKLLVQYHHNSKR\*DTERICNFL\*TGCSTNKK\*\*Y\*L\*ADKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKM\*\*\*GVQWNRTMYKCQHSTMYTWN\*ASNINSTTVEWQSSRRQGSN\*I\*EFHGQC\*NHNSTSE\*NCKD\*LYKTQQQYKKKYTYSTGESILCNRRNNRRYKKSILYH\*\*IRME\*HFTKDSCNIKRTI\*E\*NNSL\*SILRRGPRSYNAHF\*LWRGIFLL\*YSTTV\*\*\*LGY\*Y\*WE\*YSRAK\*K\*HNHTPMQNKTNYKHVAESRKSNICPSHQWTN\*MFIKYYRADINKRWW\*\*\*PKQPRDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAEGKKSSGNRSSVPWVSGSSRKHYGRSVSDADGTGQTVVVWYSATAEQSAESY\*GATASVATHSLGH\*TAPGKSPGYGKLPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISGSDLE\*HDLEGVGKRN\*QLHRPNIHLN\*KIAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNGSRGLGRSKNSFCCTFYNK\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.2001.JN944914.-

MEPVDPRLEPWKHPGSQPKTACTPCFCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRPHQDSQTHQSSLPKQ\*VVLVMQTLQILAIVALVIAGIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CYRKIVGHSVLWGTCVERSNHHFILCIRC\*SI\*PRDT\*YLGHTCLCTHRPQPTRSRIKKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKVY\*FECYQ\*Q\*H\*S\*H\*\*\*LGNEGRNKKLLVQYHHNSKR\*DTERICNFL\*TGCSTNKK\*\*Y\*L\*ADKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKM\*\*\*GVQWNRTMYKCQHSTMYTWN\*ASNINSTTVEWQSSRRQSSN\*I\*KFHGQC\*NHNSTSE\*NCKD\*LYKTQQQYKKKYTYSTGESILCNRRNNRRYKKSILYH\*\*IRME\*HFTKDSCNIKRTI\*E\*NNSL\*SILRRGPRSYNAHF\*LWRGIFLL\*YSTTV\*\*\*LGY\*Y\*WE\*YSRAK\*K\*HNHTPMQNKTNYKHVAESRKSNICPSHQWTN\*MFIKYYRADINKRWW\*\*\*PKQPRDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAEGKKSSGNRSSVPWVSGSSRKHYGRSVSDADGTGQTVVVWYSATAEQSAESY\*GATASVATHSLGH\*TAPGKSPGYGKLPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISGSDLE\*HDLEGVGKRN\*QLHRPNIHLN\*KIAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNGSRGLGRSKNSFCCTFYNK\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.2001.JN944915.-

MEPVDPRLEPWKHPGSQPKTACTPCFCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRPHQDSQTHQSSLPKQ\*VVLVMQTLQILAIVALVIAGIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CYRKIVGHSVLWGTCVERSNHHFILCIRC\*SI\*PRDT\*YLGHTCLCTHRPQPTRSRIKKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKVY\*FECYQ\*Q\*H\*S\*H\*\*\*LGNEGRNKKLLVQYHHNSKR\*DTERICNFL\*TGCSTNKK\*\*Y\*L\*ADKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKM\*\*\*GVQWNRTMYKCQHSTMYTWN\*ASNINSTTVEWQSSRRQGSN\*I\*KFHGQC\*NHNSTSE\*NCKD\*LYKTQQQYKKKYTYSTGESILCNRRNNRRYKKSILYH\*\*IRME\*HFTKDSCNIKRTI\*E\*NNSL\*SILRRGPRSYNAHF\*LWRGIFLL\*YSTTV\*\*\*LGY\*Y\*WE\*YSRAK\*K\*HNHTPMQNKTNYKHVAESRKSNICPSHQWTN\*MFIKYYRADINKRWW\*\*\*PKQPRDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAEGKKSSGNRSSVPWVSGSSRKHYGRSVSDADGTGQTVVVWYSATAEQSAESY\*GATASVATHSLGH\*TAPGKSPGYGKLPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISGSDLE\*HDLEGVGKRN\*QLHRPNIHLN\*KIAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNGSRGLGRSKNSFCCTFYNK\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.2000.JN944917.-

MEPVDPRLEPWKHPGSQPRTACTPCFCKQCCFHCQLCFITKGLGISYGRKKRRQRRRPPPDCQSHQVSLSKQ\*VVHVMQSLQIVAIVAVVVGIIIAIVVWSIVLIEYRKILRQRRIDRLIDRIIERAEDSGNESDGDQEELSALVEMGDHAPLVINDL\*CCRPIMGHSLLWGTCVERSKHHTILCIRCKSI\*YRST\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEKSYGRTDA\*GYHQFMGSKPKAMCKINPTLCYFKLH\*SCE\*\*YYSC\*QYYGKGNEKLLFQCHLRHKR\*GAERICTFV\*T\*YSTNR\*\*\*Y\*P\*G\*Y\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTFLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWNQASSINSTAVKWQSSRRRGSN\*I\*KFHEQC\*KHNSTAE\*ICTN\*LYKTQ\*QYKKKYQYRTRESILCNRKNNRRYKTSTL\*H\*\*RKMAEHFKTDS\*KIKRTI\*E\*NNSLCSILRGGPRNCNAQF\*L\*WGIFLL\*YNKIVY\*YLE\*YLE\*YLE\*Y\*RVK\*HCYHPAMQNKTNHKHVAGSRKSDVCPSHPRTN\*MFIKYYRAVINKRWW\*\*RHHKRDLQTWRRKYEGQLEK\*IIQI\*SSKN\*AIRSSPHQGKKKSGAERKKSSGNRSYVPWVLRSSRKHYGRSVNNADGTGQTTIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGYDLGKHDLDAVGKRN\*QLHRLNLQLT\*RIAEPTREK\*TRIIGIG\*MGKFVELV\*HNTLAVVYKNVHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2000.JN944918.-

MEPVDPRLEPWKHPGSQPRTACTPCFCKQCCFHCQLCFITKGLGISYGRKKRRQRRRPPPDCQSHQVSLSKQ\*VVHVMQSLQIVAIVAVVVGIIIAIVVWSIVLIEYRKILRQRRIDRLIDRIIERAEDSGNESDGDQEELSALVEMGDHAPLVINDL\*CCRPIMGHSLLWGTCVERSKHHTILCIRCKSI\*YRST\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEKSYGRTDA\*GYHQFMGSKPKAMCKINPTLCYFKLH\*SCE\*\*YYSC\*QYYGKGNEKLLFQCHLRHKR\*GAERICTFV\*T\*YSTNR\*\*\*Y\*P\*G\*Y\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTFLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWNQASSINSTAVKWQSSRRRGSN\*I\*KFHEQC\*KHNSTAE\*ICTN\*LYKTQ\*QYKKKYQYRTRESILCNRKNNRRYKTSTL\*H\*\*RKMAEHFKTDS\*KIKRTI\*E\*NNSLCSILRGGPRNCNAQF\*L\*WGIFLL\*YNKIVY\*YLE\*YLE\*YLE\*Y\*RVK\*HCYHPAMQNKTNHKHVAGSRKSDVCPSHPRTN\*MFIKYYRAVINKRWW\*\*RHHKRDLQTWRRKYEGQLEK\*IIQI\*SSKN\*AIRSSPHQGKKKSGAERKKSSGNRSYVPWVLRSSRKHYGRSVNNADGTGQTTIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGYDLGKHDLDAVGKRN\*QLHRLNLQLT\*RIAEPTREK\*TRIIGIG\*MGKFVELV\*HNTLAVVYKNVHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2000.JN944920.-

MEPVDPRLEPWKHPGSQPRTACTPCFCKQCCFHCQLCFITKGLGISYGRKKRRQRRRPPPDCQSHQVSLSKQ\*VVHVMQSLQIVAIVAVVVGIIIAIVVWSIVLIEYRKILRQRRIDRLIDRIIERAEDSGNESDGDQEELSALVEMGDHAPLVINDL\*CCRPIMGHSLLWGTCVERSKHHTILCIRCKSI\*YRST\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEKSYGRTDA\*GYHQFMGSKPKAMCKINPTLCYFKLH\*SCE\*\*YYSC\*QSYGKGNEKLLFQCHLRHKR\*GAERICTFV\*T\*YSTNR\*\*\*Y\*P\*G\*Y\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTFLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWNQASSINSTAVKWQSSRRRGSN\*I\*KFHEQC\*KHNSTAE\*ICTN\*LYKTQ\*QYKKKYQYRTRESILCNRKNNRRYKTSTL\*H\*\*RKMAEHSKTDS\*KIKRTI\*E\*NNSLCSILRGGPRNCNAQF\*L\*WGIFLL\*YNKIVY\*YLE\*YLE\*YLE\*Y\*RVK\*HCYHPAMQNKTNHKHVAGSRKSDVCPSHPRTN\*MFIKYYRAVINKRWW\*\*RHHKRDLQTWRRKYEGQLEK\*IIQI\*SSKN\*AIRSSPHQGKKKSGAERKKSSGNRSYVPWVLRSSRKHYGRSVNNADGTGQTTIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGYDLGKHDLDAVGKRN\*QLHRLNLQLT\*RIAEPTREK\*TRIIGIG\*MGKFVELV\*HNTLAVVYKNVHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2000.JN944921.-

MEPVDPRLEPWKHPGSQPRTACTPCFCKQCCFHCQLCFITKGLGISYGRKKRRQRRRPPPDCQSHQVSLSKQ\*VVHVMQSLQIVAIVAVVVGIIIAIVVWSIVLIEYRKILRQRRIDRLIDRIIERAEDSGNESDGDQEELSALVEMGDHAPLVINDL\*CCRPIMGHSLLWGTCVERSKHHTILCIRCKSI\*YRST\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEKSYGRTDA\*GYHQFMGSKPKAMCKINPTLCYFKLH\*SCE\*\*CYSC\*QYYGKGNEKLLFQCHLRHKR\*GAERICTFV\*T\*YSTNR\*\*\*Y\*P\*G\*Y\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTFLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWNQASSINSTAVKWQSSRRRGSN\*I\*KFHEQC\*KHNSTAE\*ICTN\*LYKTQ\*QYKKKYQYRTRESILCNRKNNRRYKTSTL\*H\*\*RKMAEHFKTDS\*KIKRTI\*E\*NNSLCSILRGGPRNCNAQF\*L\*WGIFLL\*YNKIVY\*YLE\*YLE\*YLE\*Y\*RVK\*HCYHPAMQNKTNHKHVAGSRKSDVCPSHPRTN\*MFIKYYRAVINKRWW\*\*RHHKRDLQTWRRKYEGQLEK\*IIQI\*SSKN\*AIRSSPHQGKKKSGAERKKSSGNRSYVPWVLRSSRKHYGRSVNNADGTGQTTIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGYDLGKHDLDAVGKRN\*QLHRLNLQLT\*RIAEPTREK\*TRIIGIG\*MGKFVELV\*HNTLAVVYKNVHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2000.JN944922.-

MEPVDPRLEPWKHPGSQPRTACTPCFCKQCCFHCQLCFITKGLGISYGRKKRRQRRRPPPDCQSHQVSLSKQ\*VVHVMQSLQIVAIVAVVVGIIIAIVVWSIVLIEYRKILRQRRIDRLIDRIIERAEDSGNESDGDQEELSALVEMGDHAPLVINDL\*CCRPIMGHSLLWGTCVERSKHHTILCIRCKSI\*YRST\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEKSYGRTDA\*GYHQFMGSKPKAMCKINPTLCYFKLH\*SCE\*\*YYSC\*QYYGKGNEKLLFQCHLRHKR\*GAERICTFV\*T\*YSTNR\*\*\*Y\*P\*G\*Y\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTFLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWNQASSINSTAVKWQSSRRRGSN\*I\*KFHEQC\*KHNSTAE\*ICTN\*LYKTQ\*QYKKKYQYRTRESILCNRKNNRRYKTSTL\*H\*\*RKMAEHFKTDS\*KIKRTI\*E\*NNSLCSILRGGPRNCNAQF\*L\*WGIFLL\*YNKIVY\*YLE\*YLE\*YLE\*Y\*RVK\*HCYHPAMQNKTNHKHVAGSRKSDVCPSHPRTN\*MFIKYYRAVINKRWW\*\*RHHKRDLQTWRRKYEGQLEK\*IIQI\*SSKN\*AIRSSPHQGKKKSGAERKKSSGNRSYVPWVLRSSRKHYGRSVNNADGTGQTTIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGYDLGKHDLDAVGKRN\*QLHRLNLQLT\*RIAEPTREK\*TRIIGIG\*MGKFVELV\*HNTLAVVYKNVHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2000.JN944923.-

MEPVDPRLEPWKHPGSQPRTACTPCFCKQCCFHCQLCFITKGLGISYGRKKRRQRRRPPPDCQSHQVSLSKQ\*VVHVMQSLQIVAIVAVVVGIIIAIVVWSIVLIEYRKILRQRRIDRLIDRIIERAEDSGNESDGDQEELSALVEMGDHAPLVINDL\*CCRPIMGHSLLWGTCVERSKHHTILCIRCKSI\*YRST\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEKSYGRTDA\*GYHQFMGSKPKAMCKINPTLCYFKLH\*SCE\*\*YYSC\*QYYGKGNEKLLFQCHLRHKR\*GAERICTFV\*T\*YSTNR\*\*\*Y\*P\*G\*Y\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTFLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWNQASSINSTAVKWQSSRRRGSN\*I\*KFHEQC\*KHNSTAE\*ICTN\*LYKTQ\*QYKKKYQYRTRESILCNRKNNRRYKTSTL\*H\*\*RKMAEHFKTDS\*KIKRTI\*E\*NNSLCSILRGGPRNCNAQF\*L\*WGIFLL\*YNKIVY\*YLE\*YLE\*YLE\*Y\*RVK\*HCYHPAMQNKTNHKHVAGSRKSDVCPSHPRTN\*MFIKYYRAVINKRWW\*\*RHHKRDLQTWRRKYEGQLEK\*IIQI\*SSKN\*AIRSSPHQGKKKSGAERKKSSGNRSYVPWVLRSSRKHYGRSVNNADGTGQTTIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGYDLGKHDLDAVGKRN\*QLHRLNLQLT\*RIAEPTREK\*TRIIGIG\*MGKFVELV\*HNTLAVVYKNVHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2000.JN944924.-

MEPVDPRLEPWKHPGSQPRTACTPCFCKQCCFHCQLCFITKGLGISYGRKKRRQRRRPPPDCQSHQVSLSKQ\*VVHVMQSLQIVAIVAVVVGIIIAIVVWSIVLIEYRKILRQRRIDRLIDRIIERAEDSGNESDGDQEELSALVEMGDHAPLVINDL\*CCRPIMGHSLLWGTCVERSKHHTILCIRCKSI\*YRST\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEKSYGRTDA\*GYHQFMGSKPKAMCKINPTLCYFKLH\*SCE\*\*YYSC\*QYYGKGNEKLLFQCHLRHKR\*GAERICTFV\*T\*YSTNR\*\*\*Y\*P\*G\*Y\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTFLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWNQASSINSTAVKWQSSRRRGSN\*I\*KFHEQC\*KHNSTAE\*ICTN\*LYKTQ\*QYKKKYQYRTRESILCNRKNNRRYKTSTL\*H\*\*RKLAEHFKTDS\*KIKRTI\*E\*NNSLCSILRGGPRNCNAQF\*L\*WGIFLL\*YNKIVY\*YLE\*YLE\*YLE\*Y\*RVK\*HCYHPAMQNKTNHKHVAGSRKSDVCPSHPRTN\*MFIKYYRAVINKRWW\*\*RHHKRDLQTWRRKYEGQLEK\*IIQI\*SSKN\*AIRSSPHQGKKKSGAERKKSSGNRSYVPWVLRSSRKHYGRSVNNADGTGQTTIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGYDLGKHDLDAVGKRN\*QLHRLNLQLT\*RIAEPTREK\*TRIIGIG\*MGKFVELV\*HNTLAVVYKNVHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2000.JN944925.-

MEPVDPRLEPWKHPGSQPRTACTPCFCKQCCFHCQLCFITKGLGISYGRKKRRQRRRPPPDCQSHQVSLSKQ\*VVHVMQSLQIVAIVAVVVGIIIAIVVWSIVLIEYRKILRQRRIDRLIDRIIERAEDSGNESDGDQEELSALVEMGDHAPLVINDL\*CCRPIMGHSLLWGTCVERSRHHTILCIRCKSI\*YRST\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEKSYGRTDA\*GYHQFMGSKPKAMCKINPTLCYFKLH\*SCE\*\*YYSC\*QYYGKGNEKLLFQCHLRHKR\*GAERICTFV\*T\*YSTNR\*\*\*Y\*P\*G\*Y\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTFLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWNQASSINSTAVKWQSSRRRGSN\*I\*KFHEQC\*KHNSTAE\*ICTN\*LYKTQ\*QYKKKYQYRTRESILCNRKNNRRYKTSTL\*H\*\*RKMAEHFKTDS\*KIKRTI\*E\*NNSLCSILRGGPRNCNAQF\*L\*WGIFLL\*YNKIVY\*YLE\*YLE\*YLE\*Y\*RVK\*HCYHPAMQNKTNHKHVAGSRKSDVCPSHPRTN\*MFIKYYRAVINKRWW\*\*RHHKRDLQTWRRKYEGQLEK\*IIQI\*SSKN\*AIRSSPHQGKKKSGAERKKSSGNRSYVPWVLRSSRKHYGRSVNNADGTGQTTIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGYDLGKHDLDAVGKRN\*QLHRLNLQLT\*RIAEPTREK\*TRIIGIG\*MGKFVELV\*HNTLAVVYKNVHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2000.JN944926.-

MEPVDPRLEPWKHPGSQPRTACTPCFCKQCCFHCQLCFITKGLGISYGRKKRRQRRRPPPDCQSHQVSLSKQ\*VVHVMQSLQIVAIVAVVVGIIIAIVVWSIVLIEYRKILRQRRIDRLIDRIIERAEDSGNERDGDQEELSALVEMGDHAPLVINDL\*CCRPIMGHSLLWGTCVERSKPHTILCIRCKSI\*YRST\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEKSYGRTDA\*GYHQFMGSKPKAMCKINPTLCYFKLH\*SCE\*\*YYSC\*QYYGKGNEKLLFQCHLRHKR\*GAERICTFV\*T\*YSTNR\*\*\*Y\*P\*G\*Y\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTFLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWNQASSINSTAVKWQSSRRRGSN\*I\*KFHEQC\*KHNSTAE\*ICTN\*LYKTQ\*QYKKKYQYRTRESILCNRKNNRRYKTSTL\*H\*\*RKMAEHFKTDS\*KIKRTI\*E\*NNSLCSILRGGPRNCNAQF\*L\*WGIFLL\*YNKIVY\*YLE\*YLE\*YLE\*Y\*RVK\*HCYHPAMQNKTNHKHVAGSRKSDVCPSHPRTN\*MFIKYYRAVINKRWW\*\*RHHKRDLQTWRRKYEGQLEK\*IIQI\*SSKN\*AIRSSPHQGKKKSGAERKKSSGNRSYVPWVLRSSRKHYGRSVNNADGTGQTTIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGYDLGKHDLDAVGKRN\*QLHRLNLQLT\*RIAEPTREK\*TRIIGIG\*MGKFVELV\*HNTLAVVYKNVHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.1991.JN944928.-

MEPVDPNLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VVYVMQALYILGIVALVLAAILAIVVWSIVLIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLLEMGHLAPWDVNDL\*CYRKFVGHSLLWSTCVERSNHHSILCIRC\*SI\*YRST\*RLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPTTMCKINSTLCYFKLH\*LCQECY\*CH\*Y\*CH\*\*RGRRNEKLLFQCHHKHER\*EAKRICTFL\*P\*YSTNR\*\*\*C\*\*QL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWNQASSIYSTAVKWQSSRRRSSN\*I\*KFHEQC\*HHNSTAE\*LCRN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTL\*H\*\*KQME\*HFTTNS\*KIKRTI\*E\*NNSLYSFLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLVY\*\*YWEWC\*RVR\*H\*HYQTPMQNKTNYKHVAGGRKSNVCPSHQRTN\*MFLKYYRTDINKRWG\*\*Q\*YQQ\*YRGLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSLVPWVLGSSRKHYGRSVSDADGTGQTIVVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCRKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISERDLG\*HDLDAVGKRN\*QLHKFNIHLT\*TIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGIFTIIVPDPPPSSEGTRQARRNRRRRWRQRQRQIQSL

>B.2000.JN944930.-

MEPVDPNLEPWKHPGSQPRTACTSCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTNQVSLPKQ\*VVHVMQSLEILAIVALVVAIILAIVVWSIVFIEYKKIRRQKRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDM\*CYRQIVGHSLLWGTCVERSSHHSVLCIRC\*SI\*YRST\*CLGHTCLCTHRPRPTRSSTGKCDRKF\*HVEKQHGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*L\*QYCY\*YHQ\*CYYYRQ\*C\*\*NSKGGSSNEKLLF\*YHHKRER\*SKERICLVL\*P\*CSKTRRG\*NQL\*VGKL\*HLSRYTGLSKNNL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSIHSTAVKWQSGRRRRGND\*VCQFHKQC\*NHNSTAE\*ICSN\*LYKTKQQYK\*KYTYGTRGSIFCNRKNNRRYKKSILHC\*WNRMEYNFKTDS\*KIQKTIWGE\*NNSL\*AIRRRGPRNCNTQF\*LWRGIFLL\*YNKPVQ\*\*FNRT\*\*YLEW\*\*\*\*HRKK\*YNHTPMQNKTNYKHVAASRKSNVCPSHQWKN\*LFIKYYRAAINKRWG\*\*WG\*\*EQ\*\*E\*DRY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEESGTERKKRSGTRSFVPWVLGSSRKHYGRSVSDADGTGQTVIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*K\*NL\*VHLE\*HDLDRVGKRN\*QLHRLNIQFN\*KIAEPAGKE\*KRIIGIG\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGVLTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2000.JN944931.-

MEPVDPNLEPWKHPGSQPRTACTSCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTNQVSLPKQ\*VVHVMQSLEILAIVALVVAIILAIVVWSIVFIEYKKIRRQKRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDM\*CYRQIVGHSLLWGTCVERSSHHSVLCIRC\*SI\*YRST\*CLGHTCLCTHRPRPTRSSTGKCDRKF\*HVEKQHGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*L\*QYCY\*YHQ\*CYYYRQ\*C\*\*NSKGGSSNEKLLF\*YHHKRER\*SKERICLVL\*P\*CSKTRRG\*NQL\*VGKL\*HLSRYTGLSKNNL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSIHSTAVKWQSGRRRRGND\*VCQFHKQC\*NHNSTAE\*ICSN\*LYKTKQQYK\*KYTYGTRGSIFCNRKNNRRYKKSILHC\*WNRMEYNFKTDS\*KIQKTIWGE\*NNSL\*AIRRRGPRNCNTQF\*LWRGIFLL\*YNKPVQ\*\*FNRT\*\*YLEW\*\*\*\*HRKK\*YNHTPMQNKTNYKHVAASRKSNVCPSHQWKINCLSNITGLLLTRDGGSDGGSKNSSKNETGTEIFRPGGGDMRDNWRSELYKYKVVRIEPLGVAPTKAKRRAVQREKRDLGLGALFLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARLLAVERYLKDQQLLGIWGCSGKLICTTTVPWNNSWSKNKTYEYIWNNMTWIEWEREIDNYTGLIYNLIEKSQNQQEKNEKELLELDKWDSLWSWFSITNWLWYIKIFIMIVGGLIGLRIVFAVLSIVNRVRQGYSPLSFQTRLPAPRGPDRPEGIEEEGGERDRDRSGPL

>B.2000.JN944932.-

MEPVDPNLEPWKHPGSQPRTACTSCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTNQVSLPKQ\*VVHVMQSLEILAIVALVVAIILAIVVWSIVFIEYKKIRRQKRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDM\*CYRQIVGHSLLWGTCVERSSHHSVLCIRC\*SI\*YRST\*CLGHTCLCTHRPRPTRSSTGKCDRKF\*HVEKQHGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*L\*QYCY\*YHQ\*CYYYRQ\*C\*\*NSKGGSSNEKLLF\*YHHKRER\*SKERICLVL\*P\*CSKTRRG\*NQL\*VGKL\*HLSRYTGLSKNNL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSIHSTAVKWQSGRRRRGND\*VCQFHKQC\*XHNSTAE\*ICSN\*LYKTKQQYK\*KYTYGTRGSIFCNRKNNRRYKKSILHC\*WNRMEYNFKTDS\*KIQKTIWGE\*NNSL\*AIRRRGPRNCNTQF\*LWRGIFLL\*YNKPVQ\*\*FNRT\*\*YLEW\*\*\*\*HRKK\*YNHTPMQNKTNYKHVAASRKSNVCPSHQWKN\*LFIKYYRAAINKRWG\*\*WG\*\*EQ\*\*E\*DRY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEESGTERKKRSGTRSFVPWVLGSSRKHYGRSVSDADGTGQTVIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*K\*NL\*VHLE\*HDLDRVGKRN\*QLHRLNIQFN\*KIAEPAGKE\*KRIIGIG\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGVLTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2000.JN944933.-

MEPVDPNLEPWKHPGSQPRTACTSCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTNQVSLPKQ\*VVHVMQSLEILAIVALVVAIILAIVVWSIVFIEYKKIRRQKRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDM\*CYRQIVGHSLLWGTCVERSSHHSVLCIRC\*SI\*YRST\*CLGHTCLCTHRPRPTRSSTGKCDRKF\*HVEKQHGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*L\*QYCY\*YHQ\*CYYYRQ\*C\*\*NSKGGSSNEKLLF\*YHHKRER\*SKERICLVL\*P\*CSKTRRG\*NQL\*VGKL\*HLSRYTGLSKNNL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSIHSTAVKWQSGRRRRGND\*VCQFHKQC\*NHNSTAE\*ICSN\*LYKTKQQYK\*KYTYGTRGSIFCNRKNNRRYKKSILHC\*WNRMEYNFKTDS\*KIQKTIWGE\*NNSL\*AIRRRGPRNCNTQF\*LWRGIFLL\*YNKPVQ\*\*FNRT\*\*YLEW\*\*\*\*HRKK\*YNHTPMQNKTNYKHVAASRKSNVCPSHQWKN\*LFIKYYRAAINKRWG\*\*WG\*\*EQ\*\*E\*DRY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEESGTERKKRSGTRSFVPWVLGSSRKHYGRSVSDADGTGQTVIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*K\*NL\*VHLE\*HDLDRVGKRN\*QLHRLNIQFN\*KIAEPAGKE\*KRIIGIG\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGVLTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2000.JN944934.-

MEPVDPNLEPWKHPGSQPRTACTSCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTNQVSLPKQ\*VVHVMQSLEILAIVALVVAIILAIVVWSIVFIEYKKIRRQKRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDM\*CYRQIVGHSLLWGTCVERSSHHSVLCIRC\*SI\*YRST\*CLGHTCLCTHRPRPTRSSTGKCDRKF\*HVEKQHGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*L\*QYCY\*YHQ\*CYYYRQ\*C\*\*NSKGGSSNEKLLF\*YHHKRER\*SKERICLVL\*P\*CSKTRRG\*NQL\*VGKL\*HLSRYTGLSKNNL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSIHSTAVKWQSGRRRRGND\*VCQFHKQC\*NHNSTAE\*ICSNLLYKTKQQYK\*KYTYGTRGSIFCNRKNNRRYKKSILHC\*WNRMEYNFKTDS\*KIQKTIWGE\*NNSL\*AIRRRGPRNCNTQF\*LWRGIFLL\*YNKPVQ\*\*FNRT\*\*YLEW\*\*\*\*HRKK\*YNHTPMQNKTNYKHVAASRKSNVCPSHQWKN\*LFIKYYRAAINKRWG\*\*WG\*\*EQ\*\*E\*DRY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEESGTERKKRSGTRSFVPWVLGSSRKHYGRSVSDADGTGQTVIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*K\*NL\*VHLE\*HDLDRVGKRN\*QLHRLNIQFN\*KIAEPAGKE\*KRIIGIG\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGXLTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2001.JN944936.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAPQNSQTDQAYLPEQ\*VVHVMSPLVIASIVALVVAAIIVIVIWSIVFIEYRKILRQRKIDRLVDRILERAEDSGNESDGDQEELSALVEMGHHGHDAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHFILCIRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRISIGKCNRIF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKTNPTLCHFKLH\*LDEWH\*LEYH\*\*\*\*YHY\*\*RGNDRGRRNEELLFQYHHSNGR\*EKRTCIFL\*A\*CSTNR\*\*\*YQL\*VDKL\*YFSHYPGMSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRIMYKCQHSTMHTWN\*ASSINSTAAKWQSSRRRGSN\*I\*KFLGQC\*NHNSTTK\*ICTN\*LYKTPQQYKEKYTYRTRESLVCNRRYNRRYKKSIL\*H\*\*SKME\*HFKTDN\*KIKRTI\*\*NNNSL\*SILRRGPRSYNAQF\*LWRGIFLL\*YIKTV\*WNLE\*Y\*KSK\*HGRDYHTPMQNKTNYK\*VARSRKSNVCPSHRRTN\*MLIKYYRVAINKRWW\*NHQQHHRILQTWRRKYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLRSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISGYNLE\*HDLDAVGKRN\*QLHRVNIHLN\*RIADPTRKE\*TRLIEIGSMGKFVELV\*HNKLAVVYKNIHNDSRGLGRFENSFCCTFYSE\*S\*AGILTFVVPDPPPKLEGTRQARRNRRRRWRERQRQIQTI

>B.2000.JN944938.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRTPNDSQDHQASLSKQ\*VIYVMQPLEILAVVALVVALILAIVVWTIVYIEYRKIQKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDE\*CCRTIVGYSLLWGACVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*CDYQ\*Y\*W\*YR\*CYYERRNEKLLF\*YYHSHKR\*DTERICTFL\*T\*YSTNRRKEYQYQL\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKGTM\*KCQYSTMYTWN\*ASSINSTIAKWQSSRRRHNNQI\*KFHKQW\*KHNSTAEGTCKNQLYKTRQQYKEKYKYRTRESILCNRSHNRRYKKSTL\*HKHRTME\*HFNTNS\*QVKRTIWE\*NNNL\*PILRRGSRSCNAHF\*LWRGIFLL\*FNTTV\*\*YLV\*\*WY\*YLE\*YCRQYHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LFIKYYRVDINKRWW\*\*Q\*PERNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDAGSCVPWVLGSCRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*TAPGKSPGYRKILKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IL\*LHLE\*HDLDAVGKRN\*QLHRLHIHLN\*RIAEPTRKK\*TRIIGTR\*VGKFVELV\*HNKLAVVYKIIHNDNRRLGRFKNSLCCTFYSE\*S\*AGILTIIISDPPPKPEGTRQARRNRRRRWRERQRQIRTI

>B.2006.JN944939.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.JN944940.-

MEPVDPNLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRHPQDSQTNQAPLPKQ\*VIHVMQPLNIAIGALIVAAILAIIVWTIVFIEYRKILKQRKIDRLIERISERAEDSGNESDGDQEELSKLMEMGHHAPWDVNDL\*YSRTIVGHSLLWGACVERSNYHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVGK\*HGRPNA\*GYNQFMGSKPKAMCTINPTLCHFKLH\*VE\*\*\*YHYH\*\*\*RGKGNEELFFQHPHKHAG\*DEERICTLL\*T\*YSKNR\*\*\*\*\*YQ\*\*YL\*VDKL\*HLSRYTGLSKGIFSANSYTLLCPGWFCDSKV\*\*\*DFQWNRTMYKCQHSAMHTWN\*ASSINSTAVKWQSSRKRYST\*VCQFHKQC\*NHNSTAE\*ICNN\*LYKTQQQYKKKYNYRTRESILCNRRYNRRHKTSTL\*P\*\*RTME\*HFKEDSYKIKRTV\*\*NNNL\*VPLRRGPRNCTAHF\*LWRGIFLL\*YKTTV\*\*YLECY\*GKWHYRK\*HNHTPMQNKANYKHVAESRKSNVCPSHQRKN\*LLIKYHRAAINKRWRRWGTE\*DLQTCRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKRSRNRSYGPWVLGSSRKHYGRSINDADGTSQTIVVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGSGKIPKGPTAPGNLGLLWKTHLPHCCALEC\*LE\*QILFRDLE\*HDLDRVGKRN\*QLHRGNIQVN\*RIAKPTRKE\*KRLIGIRQMGKFVELV\*HIKMAVVYKNIHNDSRRHSRS\*NSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.JN944941.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPAQDSKINQAPLPKQ\*VASVMQSLYILGIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALMEMGHHAPWVIDDQ\*CCRTIVGHSLLWGACVERSNHQSILCIRC\*SI\*YRDT\*CLGHPRLCTHRPQPTRSRIGKCDRKF\*HVEK\*YGRTDA\*GCNQFMGPKPKAMCKINPALCYFKLH\*F\*W\*\*\*HC\*\*\*QQ\*GGERNEKLLF\*YYHKHKR\*VAKRICTFL\*T\*CSTNRYKN\*YF\*I\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDPKM\*R\*KVQWNRAM\*KGQHSTMYTWN\*ASSINTAAVKWQSSRRRGSN\*I\*KFHKQC\*NHTSTAEHICSNQMYETRQ\*YKQKYTYGSIESFSCNIKNNRRHKASTL\*C\*WRRLE\*DFKPCS\*QIKRTI\*E\*NNSL\*PFLRRGSRNCNAHF\*LWRRIFLLRFNSAV\*\*YMEEK\*HLDWYYRKYHTPMQNKTNYKHVAESRKSNVCPSHQRIH\*LFIKYYRTDINKRWW\*\*\*\*\*NRDLQAWRREYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSNRNRSSSPWVLRSSRKHYGRSVSDADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPRDLGLLWKSHLHHYCALEC\*LE\*\*ISERDLEQHDMDGMGKRN\*QLHRYNIHLT\*TIAKPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTL

>B.2006.JN944942.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKQCCYHCQVCFLKKGLGISYGRKKRRPRRRTSPDSENHQDPLPKQ\*VVHVMNSLQVVAIVALVVVAIIAVVVWSIVFIEYKRILRQRKIDRLLDRIRERAEDSGNESEGDEEALAALVERGHLAPWNVDDL\*CYCTR\*VGHSTLWGTCVERSKNHSILCIRC\*SILNRET\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*\*DY\*SDE\*YSQRWSVNG\*RRNKKLLFQYHHKCTRQVAESICSIL\*T\*CSTNRG\*\*\*\*Q\*\*\*QL\*IDKL\*YLNHYTGLSKSIL\*ANSHTLLYPGWFCDSKV\*\*\*EFQWIRTMYKC\*HSTMHTWN\*ASSVNSTAVKWQSSRK\*GSN\*I\*KFHG\*C\*NHNSTAEGSCTN\*LYKTQQQYKKKYTYRTRESILCDRKHNRRYKKSILYH\*YNKME\*NFGTDS\*QIKRQIWRE\*NNSL\*FIRRRGPRNCNSQF\*LWRGIFLLQYNTTV\*\*YLES\*\*YLEWN\*KFK\*HYKK\*HNHTPMQNKTNYKLVAKSRKSNVCPSHQRTN\*LYIKYHRAAINKRWWKYK\*DQHH\*GLQTWRRKHEGQLEK\*II\*I\*SSRN\*TNRDSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVGSADGTGQTVIVWYSATAEQLAEGY\*GATTYVETHGLGH\*TAPGKSPSCGKIPKGSTAPGNLGLLWKTHLHHCCALEQ\*LE\*\*ISGVYLGQHDLDGVGKRN\*QLHRLNIQLN\*RIAAPAGKE\*TGIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCACYSE\*S\*AGIFTPIIADPPPSPEGTRQARRNRRRRWRQRQRHIHKI

>B.2001.JN944943.-

MEPVDPRLEPWKHPGSQPKTACTPCFCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRPHQDSQTHQSSLPKQ\*VVLVMQTLQILAIVALVIAGIIAIVVWTIVFIEYKKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CYRKIVGHSVLWGTCVERSNHHFILCIRC\*SI\*PRDT\*YLGHTCLCTHRPQPTRSRIKKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKVY\*FECYQ\*Q\*H\*S\*H\*\*\*LGNEGRNKKLLVQYHHNSKR\*DTERICNFL\*TGCSTNKK\*\*Y\*L\*ADKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKM\*\*\*GVQWNRTMYKCQHSTMYTWN\*ASNINSTTVEWQSSRRQGSN\*I\*KFHGQC\*NHNSTSE\*NCKD\*LYKTQQQYKKKYTYSTGESILCNRRNNRRYKKSILYH\*\*IRME\*HFTKDSCNIKRTI\*E\*NNSL\*SILRRGPRSYNAHF\*LWRGIFLL\*YSTTV\*\*\*LGY\*Y\*WE\*YSRAK\*K\*HNHTPMQNKTNYKHVAESRKSNICPSHQWTN\*MFIKYYRADINKRWW\*\*\*PKQPRDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAEGKKSSGNRSSVPWVSGSSRKHYGRSVSDADGTGQTVVVWYSATAEQSAESY\*GATASVATHSLGH\*TAPGKSPGYGKLPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISGSDLE\*HDLEGVGKRN\*QLHRPNIHLN\*KIAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNGSRGLGRSKNSFCCTFYNK\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.2000.JN944944.-

MEPVDPRLEPWKHPGSQPRTACTPCFCKQCCFHCQLCFITKGLGISYGRKKRRQRRRPPPDCQSHQVSLSKQ\*VVHVMQSLQIVAIVAVVVGIIIAIVVWSIVLIEYRKILRQRRIDRLIDRIIERAEDSGNESDGDQEELSALVEMGDHAPLVINDL\*CCRPIMGHSLLWGTCVERSKHHTILCIRCKSI\*YRST\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEKSYGRTDA\*GYHQFMGSKPKAMCKINPTLCYFKLH\*SCE\*\*YYSC\*QYYGKGNEKLLFQCHLRHKR\*GAERICTFV\*T\*YSTNR\*\*\*Y\*P\*G\*Y\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTFLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWNQASSINSTAVKWQSSRRRGSN\*I\*KFHEQC\*KHNSTAE\*ICTN\*LYKTQ\*QYKKKYQYRTRESILCNRKNNRRYKTSTL\*H\*\*RKMAEHFKTDS\*KIKRTI\*E\*NNSLCSILRGGPRNCNAQF\*L\*WGIFLL\*YNKIVY\*YLE\*YLE\*YLE\*Y\*RVK\*HCYHPAMQNKTNHKHVAGSRKSDVCPSHPRTN\*MFIKYYRAVINKRWW\*\*RHHKRDLQTWRRKYEGQLEK\*IIQI\*SSKN\*AIRSSPHQGKKKSGAERKKSSGNRSYVPWVLRSSRKHYGRSVNNADGTGQTTIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGYDLGKHDLDAVGKRN\*QLHRLNLQLT\*RIAEPTREK\*TRIIGIG\*MGKFVELV\*HNTLAVVYKNVHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.1991.JN944945.-

MEPVDPNLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQDSQNHQVSLSKQ\*VVYVMQALYILGIVALVLAAILAIVVWSIVLIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLLEMGHLAPWDVNDL\*CYRKFVGHSLLWSTCVERSNHHSILCIRC\*SI\*YRST\*RLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPTTMCKINSTLCYFKLH\*LCQECY\*CH\*Y\*CH\*\*RGRRNEKLLFQCHHKHER\*EAKRICTFL\*P\*YSTNR\*\*\*C\*\*QL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWNQASSIYSTAVKWQSSRRRSSN\*I\*KFHEQC\*HHNSTAE\*LCRN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTL\*H\*\*KQME\*HFTTNS\*KIKRTI\*E\*NNSLYSFLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLVY\*\*YWEWC\*RVR\*H\*HYQTPMQNKTNYKHVAGGRKSNVCPSHQRTN\*MFLKYYRTDINKRWG\*\*Q\*YQQ\*YRGLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSLVPWVLGSSRKHYGRSVSDADGTGQTIVVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCRKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISERDLG\*HDLDAVGKRN\*QLHKFNIHLT\*TIAKPTRKE\*TRVIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGIFTIIVPDPPPSSEGTRQARRNRRRRWRQRQRQIQSL

>B.2000.JN944946.-

MEPVDPNLEPWKHPGSQPRTACTSCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTNQVSLPKQ\*VVHVMQSLEILAIVALVVAIILAIVVWSIVFIEYKKIRRQKRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDM\*CYRQIVGHSLLWGTCVERSSHHSVLCIRC\*SI\*YRST\*CLGHTCLCTHRPRPTRSSTGKCDRKF\*HVEKQHGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*L\*QYCY\*YHQ\*CYYYRQ\*C\*\*NSKGGSSNEKLLF\*YHHKRER\*SKERICLVL\*P\*CSKTRRG\*NQL\*VGKL\*HLSRYTGLSKNNL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSIHSTAVKWQSGRRRRGND\*VCQFHKQC\*NHNSTAE\*ICSN\*LYKTKQQYK\*KYTYGTRGSIFCNRKNNRRYKKSILHC\*WNRMEYNFKTDS\*KIQKTIWGE\*NNSL\*AIRRRGPRNCNTQF\*LWRGIFLL\*YNKPVQ\*\*FNRT\*\*YLEW\*\*\*\*HRKK\*YNHTPMQNKTNYKHVAASRKSNVCPSHQWKN\*LFIKYYRAAINKRWG\*\*WG\*\*EQ\*\*E\*DRY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEESGTERKKRSGTRSFVPWVLGSSRKHYGRSVSDADGTGQTVIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*K\*NL\*VHLE\*HDLDRVGKRN\*QLHRLNIQFN\*KIAEPAGKE\*KRIIGIG\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGVLTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2001.JN944947.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAPQNSQTDQAYLPEQ\*VVHVMSPLVIASIVALVVAAIIVIVIWSIVFIEYRKILRQRKIDRLVDRILERAEDSGNESDGDQEELSALVEMGHHGHDAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHFILCIRC\*SL\*DRGT\*CLGHTCLCTHRPQPTRISIGKCNRIF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKTNPTLCHFKLH\*LDEWH\*LEYH\*\*\*\*YHY\*\*RGNDRGRRNEELLFQYHHSNGR\*EKRTCIFL\*A\*CSTNR\*\*\*YQL\*VDKL\*YFSHYPGMSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRIMYKCQHSTMHTWN\*ASSINSTAAKWQSSRRRGSN\*I\*KFLGQC\*NHNSTTK\*ICTN\*LYKTPQQYKEKYTYRTRESLVCNRRYNRRYKKSIL\*H\*\*SKME\*HFKTDN\*KIKRTI\*\*NNNSL\*SILRRGPRSYNAQF\*LWRGIFLL\*YIKTV\*WNLE\*Y\*KSK\*HGRDYHTPMQNKTNYK\*VARSRKSNVCPSHRRTN\*MLIKYYRVAINKRWW\*NHQQHHRILQTWRRKYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNRSCVPWVLRSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISGYNLE\*HDLDAVGKRN\*QLHRVNIHLN\*RIADPTRKE\*TRLIEIGSMGKFVELV\*HNKLAVVYKNIHNDSRGLGRFENSFCCTFYSE\*S\*AGILTFVVPDPPPKLEGTRQARRNRRRRWRERQRQIQTI

>B.2000.JN944948.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSQRRRTPNDSQDHQASLSKQ\*VIYVMQPLEILAVVALVVALILAIVVWTIVYIEYRKIQKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDE\*CCRTIVGYSLLWGACVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*CDYQ\*Y\*W\*YR\*CYYERRNEKLLF\*YYHSHKR\*DTERICTFL\*T\*YSTNRRKEYQYQL\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKGTM\*KCQYSTMYTWN\*ASSINSTIAKWQSSRRRHNNQI\*KFHKQW\*KHNSTAEGTCKNQLYKTRQQYKEKYKYRTRESILCNRSHNRRYKKSTL\*HKHRTME\*HFNTNS\*QVKRTIWE\*NNNL\*PILRRGSRSCNAHF\*LWRGIFLL\*FNTTV\*\*YLV\*\*WY\*YLE\*YCRQYHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LFIKYYRVDINKRWW\*\*Q\*PERNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDAGSCVPWVLGSCRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGH\*TAPGKSPGYRKILKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IL\*LHLE\*HDLDAVGKRN\*QLHRLHIHLN\*RIAEPTRKK\*TRIIGTR\*VGKFVELV\*HNKLAVVYKIIHNDNRRLGRFKNSLCCTFYSE\*S\*AGILTIIISDPPPKPEGTRQARRNRRRRWRERQRQIRTI

>B.2004.JQ316126.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAPPDSENHQVSLSKQ\*VIHVMQSLQIGAIVALVVAAIIAIVVWSIVFIEYRKILKQRRIDRLIDRIRERAEDSGNESEGDHEELSALVEMGHDAPWDVDDL\*CCRRIVGHCLLWCTCGERC\*HHPILCIICCCI\*RRGT\*CLGHTCLCTHRSQPTRGSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCTTNSTLYYFEL\*KLE\*K\*Y\*CEYYY\*\*Q\*CESDGGRRSEKLFFQCYKYKHKR\*KAEGICPFL\*I\*SNANRE\*D\*YKPLYVDTL\*HLSHYTGLSKGIL\*TNSHTLLYPGWFCDSTV\*\*\*EVQWSRTM\*KCQHSTTYTWN\*ASSINSTAVKWQSSRRRDNN\*I\*KLLGQC\*NHNSTAERICRN\*LYKAQQ\*YRKKDKYRTRESISCNKSYNRRYKKSTL\*H\*\*RKLE\*HFKTASYKIK\*TIWE\*INSLYATLRRGPRDCNAQF\*LWRRIFLL\*YNKTV\*\*YLVW\*WYSEGRVK\*KWNYHTPMQDKTNCKQVAGSRKSNVCPSHYRTN\*MFIKYYRAAINKRWGDWERDQHE\*DFQTWGRKYEGQLEK\*II\*I\*SSKN\*AIRDSTHPGKEKSGAERKKSSNARSYVPWVLGSSRKHYGRSVNNTDGTGQTIIVWYSATAK\*FAESY\*GATASVATHSLGHQAAPGKNPGCGKISTGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISEIYLG\*HDLDGVGQKN\*QLHKLNIHLT\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNQLAVVYKTIHNDSRRLGRFKNNFLCTFFSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSL

>B.2003.JQ316127.-

MEPVDPRLEPWKHPGSQPRTPCTTCYCKKCCFHCQVCFIKKGLGISYGRKKRRQ\*RRTPQDSKSHQVSLSKQ\*VIHVMQPLVILAIVALVVAIIIAIVVWSIVFIEYRRIKRQKQIDRIIDRIIERAEDSGNESEGDQEELSALVEMGHHAPVEMGHHAPWNVDDL\*CYRKIVGHSLFWGTCVERSNHHPILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIRKCDRKF\*HVEK\*HGRTHA\*GYNQFMGSKPKPMCKTNSTLCYFKM\*\*\*EY\*\*\*\*YQ\*Y\*YR\*\*\*WGRSDGERRNEKLLFQCYHTPI\*\*GEKRICSFL\*T\*CSTNR\*YR\*YQLYVDKL\*HLNHYTGLSKGIL\*TNSHTLLYPGWFCDSTV\*\*\*EVQWNRTM\*KCQHSTVYTWN\*ASSINSTAVEWQSSRRRGNN\*I\*KFHRQC\*NHNSTAERICRN\*LYKTRQQYKEKYTYRTRESILYNRRYNRRYKTSIL\*H\*\*KRLGKHFKTASYKTKRTIWE\*NNSL\*SILRRGPRDCNAQF\*LWRGIFLL\*YNTTV\*\*YLGV\*\*Y\*RVKYN\*RK\*HTYHTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYYRVAINKRWGDWEQQD\*QRD\*DLQTWGRRYEGQLEK\*II\*I\*SSKN\*AIRDSTLQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVTDADGTGQTLIVWYSATAE\*FAESY\*SATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*IPG\*DLE\*HDLDGVGQRN\*QLHKLHIHLT\*RIAEPTGKE\*TGLIGI\*\*MGKFVELV\*HIKMAVVYKNIHNDSRRLGRFKNNLFCTFYSE\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRKRQRWIRSI

>B.2003.JQ316128.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRAPQDNKDHQVSLSKQ\*VIHVMQSLEIYSIVALVVVGIIAIVVWSIVLIEYKKILKQRKIDRLIERIRERAEDSGNESDGDQDELSALLEMGPHAPRDVDDL\*CYRRIVGHSLLWGTCVERCKNHPILCIRC\*SI\*HRGT\*CLGHTCLCTRRPQSTRGRLEKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINSTLCYFELYP\*CDWY\*CH\*QWCYYQ\*YYYYYHY\*Y\*\*RKHEKLLFQCYHKHRK\*VAERICSFL\*T\*CSTNR\*G\*YKQ\*\*\*YKLYVDTL\*LLSRYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRHSN\*I\*KFHGQC\*NHNSTAERICRN\*LYKTQQQYKKKYTYGARENILCNRGHNRKYKTSTLQH\*\*RKME\*NFKPDSYKIKRTI\*\*NKNILCSILRRGPRNYNAPFYLWRGIFLL\*YNKTV\*\*YLE\*Y\*RPK\*WNQ\*KYHTPMQNKTNYQQVAGSRKGNVCPSHRRNN\*MFIKYYRTAINKRWGE\*\*EWDQWE\*DLQTWGRKYEGQLEK\*II\*I\*SSKN\*AIGDSTHRGKEKSGAERKKSSGSARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKNPGCGEIPRGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*DLG\*HDLDGVGQRN\*QLHRLNIQLT\*RIAEPARKE\*TGIIGTG\*VGKFVELVGHNKMAVVYKNIHNDSRRLGRFKNNFFCTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSI

>B.1999.JQ316129.-

MEPVHPRLQPWKHPGSQPKTPCTRCYCKRCCFRCQACFITKGLGIYYGRKKRRQRRRAPQDNKHXHAPLSNQ\*VIHVMPPLTILAIVALVVAIIIAIVVWTIVFIEYRKIXRQRLIDWLVDRIREREDNSGNESEGDQEELSALVEMGHLAPWNVDDL\*CCRRRVGHSLLWGTCVERSNHHPILCIRC\*SIFHREA\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKAMCKNNSTLCYFEL\*\*FKLY\*YQ\*\*L\*VFE\*D\*\*QW\*\*WGSDGERRNEKLLFQCYHKHKR\*DAKRICSFL\*P\*YSTNR\*YKLYIEKL\*LLSHYTGLSKGIL\*ANSHTLLCPGWFCDSTV\*\*EEIQWIRTM\*KC\*HSTMYTWN\*ASSINSTAVKWQSSKRRYST\*I\*KFHKQC\*NHNSTAECICRN\*LYKT\*QQYKEKYTYRTREYILCNRRHNRRYKKSIL\*C\*CRKMEQHFKTASYKIKRTIWE\*NNSL\*\*ILRRGPRDCNAQF\*LWRGIFLL\*YNTTV\*\*YLEWYSKVR\*N\*\*K\*HNYHTSMQNKTNYKQVAGSRKSNVCPSHQRTNYMFIKYYRVAINKRWRE\*EQQY\*DLQTWGRRHEGQLEK\*II\*I\*SSKN\*AIRGSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTDADGTGQTIVVWYSATAE\*SAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISKLYLG\*HDLDAMGQRN\*QLHRLNIHLT\*RIAEPTRKE\*TGIIGIG\*MGKFVELV\*HITLAVVHQNLHNDSRRLGRLKNNIFCTFYSEES\*AGILTIVVSDPPPKPEGTPQARRNRRRRWRRRQRWIRSL

>B.2004.JQ316130.-

MEPVDPRLEPWKHPGSQPETPCTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRASQDNKNHQVSLSKQ\*VIHVMPPLVLASIIALVVVAIIAIVVWTIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDHEELSALVDMGHDAPWDVDDL\*CCRRIVGHSLLWGTCVERNNHHPILCLRC\*SI\*HRGT\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDASGYNQFMGSKPKAMCKINSTLCYFKL\*\*LQWDLQCD\*YQWDYY\*\*SYY\*\*CRGRRNEKLLFQCYHHHKR\*DEEGTCSFL\*T\*CSTTRK\*\*YNLYVDEL\*LLNPYTGLSKGIL\*TTSHTLLYPGWFCASTM\*\*\*KVQWNRTMFKCQHSTMYTWN\*ASSINSTAVKWQPSRRRSSN\*I\*KFHKQC\*DHNSTAERICRN\*LYKTQQQYKKKYKNRTRERILYNRRSNRKYKTSIL\*H\*\*RKMEQNLRTASYKIRRTI\*\*NNNNL\*\*LLRRGPTDCNAQF\*LWRGIFLL\*YHTTV\*\*YLAV\*\*YWGRGNYHTPIQDKTNYYQLAGSRNSNVCPSHQRNN\*LFIKYYRGAINNRWGE\*EKRD\*RY\*DLQTWGRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHRGKEKSGAERKKSSNNRSSVPWVLGSSRKHYGRSVNDVDGTGQTIVVWYSATAE\*LAESY\*GATAYVATHSLGHQAAPSKSPGCGKIPKGPTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISKGYLG\*HDLDGVGQRN\*QLHKLDTQLT\*RIANPTRKE\*TGIIGIG\*MGKFVELV\*HNTMAVVYKNIHNSSRRLGRFKNNLFCTFYSK\*S\*AGILTLIVSDPLPKPEGTRQARRNRRRRWRRRQRWIRSL

>B.2003.JQ316131.-

MEPVDPRLEPWNHPGSQPKTPCTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIHVMQPLEIFSIVALVVVAIIAIVVWSIGFIEYKKILKQRKIDRLIERIGERAEDSGNEGEGDQEELSALVEMGHHAPWDVDDL\*GCNRRIVGHGLLWGTCVERSDHHPILCI\*C\*SI\*HRGT\*CLGRTCLCTQRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKL\*\*L\*\*\*\*SEQCH\*\*\*WDSGRGNRSKKLHLQCYHKHKR\*GKKRICSFL\*TGCKTNR\*YR\*YKLYNDKL\*LLSHYTGLSKGIL\*TNSHTLLYPGWFCDSQM\*\*\*EVQWNRTMFKCQHSTMYTWN\*ASSNNSTAVKWQSSRRRGSN\*I\*KFHEQCKNHNSTAQCICTN\*LYKTPQQYKKRYRDRTREHVLCNRSHNRRYKTSTL\*H\*YNKME\*HFKTGSYKIKETICK\*NNSL\*STIPRRGPRDCNAQF\*LWRGIFLL\*YIKAV\*\*YLGCEYD\*RVKYN\*RRKYHNNPMQNKTYYKQVARSGKSNVCPSHRGTN\*MYIKYYGATINKRWGDSEKWE\*QWDSQQH\*DLQTWGRKYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGNSRKHYGRSVTDADGTGQTIIVWYSATAK\*FAESY\*GATASVATHSLGHQAAPGESPGCGKIPKGSTAPGDLGMLWKAYLHH\*CALEY\*LE\*\*ISGGDLE\*HDMDAVGQRN\*QLHKLYIQLT\*RIAEPTRKE\*TGVIGIG\*MGKSVELV\*NIKLAVVYKNIHNDSRRLSRFKNNFFCAFYSE\*S\*AGVLTVIVSDPLPKPEGTRQARRNRRRRWRRRQRWIRSL

>B.2003.JQ316132.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGIYYGRKKRRQRRRTPQDNKNHQVPLSKQ\*VIHVMPSLEVTLAIVGLVVAAIIAIVVWSIVFIEYRKILKQRKIERLIDRIRDRAEDSGNESEGDQEELSALVEMGHDAPWDVDDL\*CCNRRNVGHSLLWGTCVERSNHHTILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRPDA\*RYNQFMGSKLKSMCKIYYIQYY\*\*\*\*\*S\*YY\*HQ\*Y\*YH\*\*YWGRDGGRRNEKLLFQCYHKHKR\*GEERICSFL\*T\*CKTNR\*YR\*YKLYIDKL\*LLSHYTGLSKGIL\*TNSNTLLYPSWFCASTM\*\*\*KVQWNRTMFKCQHSTMYTWN\*ASSINSTAVKWQSGRRRDDN\*I\*KFHKQC\*NHNSTAE\*ICRN\*VYKAQQQYKKRYTYRTREYTLCNRRNNRRYKTSTL\*H\*\*KTMEQHINTAS\*KIKRTIW\*\*\*NNSLCSTPPRRGPRDCNAQF\*LWRGIFLL\*YNTTV\*\*YLEGEWY\*RVKCN\*RK\*TLYPPMQNKTNYKQVAGSRKSNVCPSHRGTN\*MFLKYYRTAINKRWGN\*EQQQQRD\*Y\*DLQTWGRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHRGKEKSGAERKKSSGSDRSYVPWVLGSSRKRYGRSGNNADGTGQTIIVWYSATAK\*FAESY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ILS\*DLG\*YDLDAVGQRN\*QLHKLNIHLT\*RIAEPARKE\*TGPIGIRQMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNLFCTYYSEES\*AGIFTIVISDPLPKPEGTRQARRNRRRRWRRRQRWIRSL

>B.2004.JQ316133.-

MEPVDPRLEPWKHPGSQPKTSCTKCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VTHVMLPIQILAIVALVVAAIIAIVVWSIVLIEYKKILKQRKIDRLINRIRERAEDSGNESEGDHEELSALVEMGHDAPWDVDDL\*CQ\*IVGHSLLWGTCMERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEE\*HGRPDA\*GYNQFMGSKPKAMCKNNSTMCYFELQ\*FEE\*DCQ\*Y\*CQQ\*\*DCQ\*YYCQQ\*\*YQ\*\*\*WGSDGGSRHEKLLFHRYHRIKKYGEQTICSFL\*TASPT\*R\*WNRTMFKCQHSTMYSWN\*ASGINSTTAKWQSSRRRGSNQI\*KFHEQC\*KHNSTAERICRN\*LYKTRQHNKKYKNRTRDRTREYITCNKKHNRKNKTTLQH\*\*SKMEQHFKTDSHKIKRTI\*E\*NNNL\*SLLRRGPRD\*NAQF\*LWRGIFLL\*YNKTV\*\*YLEWY\*RVE\*Y\*RVR\*KHYTPMQNKTNYKQVAGSRTSNVCPSHQRTN\*MFVKYYRANINKRRGG\*RDSHQH\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGNIRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*CATTSVATHSLGH\*AAPGKSPGCRKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*NSGGYLD\*PDLDAVGKRN\*QLHKRNILLA\*RIAESARKE\*TGIIAIG\*MGKFVELV\*HN\*LAVVYKNIHNDSRRLDRFKNNFYCTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRRRQRWIRSI

>B.2005.JQ316134.-

MEPVDPRIEPWKHPGSRPKTPCTKCYCKKCCFHCPHCFLTKGLGIYYGRKKRRQRRRAPQDDKNHQVSLSKQ\*VIHVMPALEIAAIVALVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRNIVGHSLLWGTCVERSDHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRIF\*YVEE\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFAL\*\*LDG\*FHQE\*\*YYF\*Q\*\*\*\*\*NDKGSKKLLFQCYHNHKR\*GAKRICSFL\*T\*CSENR\*Y\*QFKLYADEL\*LLSRYPGLSKGIL\*TNSHTLLYPGWFCDSTV\*\*\*EVQWIRTMFKCQHSTMHTWN\*ASSINSTAVKWQSSRRRCSS\*I\*KFYKQC\*NHNSTAECICRN\*LYKTPQQYKKKYTSRTREHIFCNRSHNRKYKTSTL\*H\*WDKLEKHVKTASYKIKRTIWE\*\*NNSL\*SILRRGPRDCNAQFYLWRGIFLL\*HNKTVQ\*YLE\*Y\*EWYWY\*TFKWDYHTPMQNKTIYKQVAGSRKSNVCPSHQRNN\*MFIKYYRAAINKRWGD\*EQQN\*QHWD\*HLRTWGRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSNDRSYVPWVLGSSRKHYGRDVDDTDRTSHTIIVWYSATAE\*FAESY\*GATTSVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*YLG\*HDLDAVGQRN\*QLHKLNIHLA\*KIAEPTRKE\*AGIIGVG\*MGKLVELV\*HNTMAMVYKNIHNDSRRLGRFKNNFFCNFYSK\*S\*AGIFTNIVSDPPPKTEGTRQARRNRRRRWRRRQRWIRSL

>B.2003.JQ316135.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCLHCQVCFTTKGLGISYGRKKRRQRRRAPQDSKDYQVPLPKQ\*VIHVMHSLEILAIVALVVAIILAIVVWSIVFIEYRKILKQRKIDRLIDKIRERTEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCNRRLVGHSLLWGTGVERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDREF\*HVEK\*YGRTNA\*GYNQFMGSKSKAMCKINSTLCYSAL\*\*FEL\*\*FE\*Y\*YQYFEL\*\*FE\*Y\*YQ\*\*\*WGSDGGRRNEKLLFQCFHKHKK\*DAKRICSFL\*T\*CNANR\*\*\*YKLYVDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSTV\*\*\*EVQWNRTMFKCQHSTMYTWN\*ASSINSTTVKW\*SSRRRDSN\*I\*KSHRQC\*NHNSTAEQIYRD\*LYKTRQQYKKKYKDRTREYILCNRRHNRRYKTNTL\*H\*\*SKLEQRFKTASYKIKRTIGKSNNSL\*SIFRREPRDCNAQF\*LWRGIFLL\*YNTTV\*\*YLEWYYF\*\*NLG\*P\*\*KDYIPLQIKTNYKQVPGSRKSNVCPSLQRTN\*MFIKYYRAVITKRWGDQEQN\*QGHY\*IFQPWGRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHHGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISEGYLG\*HDLDGVGQRN\*QLHNLNIHLA\*RIAEPARKE\*TGIIGIG\*MGKFVELV\*HNILAVVYKNIHNDSRRLGRVKNNLFCAFYSK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRKRQGWIRSL

>B.2007.JQ341411.-

MEPVDPRLEPWKHPGSQPRTPCTKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIYVMQSFDIGVIVALVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCNRRIVGHSLLWGTCVERSNHHPILCIRC\*SI\*DRGA\*CLGHTCLCTHRPQPTRNRIAQCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKNNSTLCYFKLE\*CKEY\*YQ\*\*YGESNGGRRNEKLLFQCYHKHRK\*GEERTCYF\*\*T\*CSANRG\*WYYKLYIETL\*HLSHNTGLSKGIL\*TNSHTLLCPGWFCDSKV\*RQRVQWNRTM\*KC\*YSTVYTWNYASSINSTAVKWQSSKRRNGN\*I\*KFHKQC\*NHNSTAEQVCRN\*LYKTQQQYKN\*YTYRTRESSLCNRKHNRRYKTSTL\*HQ\*SRMEQHFKTASYKIKRTT\*G\*YNNNNL\*\*FLRRGPRDYSAQL\*LWRGIFLL\*YNTTV\*\*\*LEY\*\*D\*KVK\*NCRKWHNYPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWG\*\*DGHQE\*DLQAWGRRYEGQLEK\*IV\*I\*SSRN\*ATRDSTHQGKEKSGAERKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQAIIVWYSATAE\*FAESY\*GATASVAAHSLGHQTAPGKSPGCRKIPTGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISG\*NLGEHDLDGVG\*RN\*QLHTVDIHLA\*SIADPARKE\*AGIIGIGFMGKSVELV\*HIKLAVVYKNIHNDSRRLGRFKNNSLCAFCSG\*S\*AGILTIAVSDPPPKPEGTRQARRNRRRRWRRRQKWIRWI

>B.2002.JQ403019.chronic

MEPVDPRLEPWKHPGSQPKTPCTKCYCKRCSFHCPVCFLQKGLGISYGRKKRRQRRRASPSSEDHQISLSKQ\*VVHVMQSLTILAIAALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEEALAALMERGIRAPWDVNDL\*SYNRLVGHSLLWGTCVERSDHHSILCIRC\*SIQNRGA\*CLGHTCLCTHRPQPTRSNVEKCDRKF\*HVEK\*HGRTDA\*GYNQSMGSKPKAMCKTNPTLCYFKLH\*CLQE\*Y\*\*Q\*Y\*LGEDRERRSKKLLFQCHHKYKG\*GARICCLL\*T\*CGTNKGK\*\*\*\*\*L\*\*LYTDTL\*YLSR\*TSLSKSNL\*ANSNTLLYPGWLCASKV\*\*\*EVQWNRTM\*KCQHCTMYTWN\*ASSVHPNAVKWQSSRRRGSN\*I\*KFHGQC\*DHNSTAEGSCKH\*LYKTQQQYKKKCTYRTRASTLYNRHNRRYKTSTL\*HQ\*KRLE\*DFTTDSSKVKKTI\*\*HNSLSAILRRRHRN\*NSQL\*LWRGIFLL\*YNTTV\*\*YLV\*\*\*YREWY\*RRRGHHNPMQNKTNCKHVAESRKSNICPSY\*GTN\*LYFKYYRVALNKRWW\*Y\*\*GQRDLQTWRRKYERQLEK\*II\*IQSSKN\*AIRSSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVDGADGTGQTIIVWYSATAKQFAESY\*GATTYVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRD\*QLHRLNIHLN\*RVAEPARKE\*KGIIGIGQVGKFVDLV\*YNKLAVVYKNIHNDSSRLSRFKNNLCCTFYSE\*S\*AGLLTIIISDPPPNPEGTRQARRNRRRRWRERQRWIQSI

>B.2002.JQ403021.chronic

MEPIDPRLEPWKHPGSRPLTPCTPCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRTPQGSKTHQASLSKQ\*VVNVMIPLQIIAIVALVVVAIIAIVVWTIVVIEYRKILRQRKIDRIIERIIERAEDSGNESEGDQEELSALVGMGHLEMGHHAPWDIDDL\*CLRKIVGHSLLWGTCVERSNNHSILCIKC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*CMEK\*HGRTDA\*GCN\*FMGSKPKAMCKINPTLCYSKMH\*CELYQE\*\*YYQM\*\*DQQ\*\*LGNDRHEKLLFQYHHKLKK\*DAENICTFS\*T\*CSTNR\*Y\*\*Y\*LYVDRL\*HLSLYTGLSKDNL\*ANSYTLLCPSWFCNFKV\*K\*DVRGKRTMYKCQYSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*VCQFLGQC\*NYNSTTK\*ICSN\*LYKSQQQYKKKYKYRTREGILCNRRYNRRYKTSTL\*H\*\*RRLE\*NFKTGSSKIKQAI\*\*YKSSL\*AILRRGPRNYNAQFQLWRGIFLL\*HNTTV\*\*YSAV\*WYLAV\*\*Y\*E\*\*\*P\*SQHYTPMQNKTNYKHVAGSWKSNVCPSHQGTN\*M\*VKYYRAAINKRW\*Y\*QH\*GDFQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSRGNRSHVPWVLGSSRKHYGRSVNNADGTGQTIAVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISKSNLG\*HDLDGVGKRN\*QLYKLNIQLT\*KIAKPARKE\*TRLIGIG\*MGKFVELV\*HNKLAVVYKNFHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSTEGTRQARRNRRRRWRERQRQIRSI

>B.2000.JQ403022.chronic

MEPVDPRLEPWKHPGSQPRTACTTCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQDHQVSLSKQ\*VVHVMQALEIYAIVALVVAIIIAIVVWTIVLIEYRRILRQRRIDKLIDRIRERAEDSGNESEGDQEELLGMGHLAPWDVNDL\*CYRTTVGHSLLWGTCVERNKCHSILCIRC\*SI\*DREA\*CLGHTCLCAHRP\*PTRIKIGKCDRRF\*HVEK\*HGRTNAGGYNQFMGSKSKAMCKINPALCYLKLQ\*CGRE\*D\*\*CEC\*\*YQ\*\*\*ATDGERRTKKLLFQYHHKHRK\*DGKKQCTF\*\*P\*CSTNR\*E\*DQLYVDKL\*HLSHYTDLSKDILYTNSHTLLCPGWLCNSKV\*R\*AIQWNRTM\*KC\*HSTMYTWN\*ASSVNSTAVKWQPSRRRGSN\*I\*KFHQQC\*NHNSESK\*ICRN\*LYKTQQQYKEKYTSRTRESNLCNRRNNRKYKKSIL\*PQCYKLA\*HFTKDSCKIKRAI\*QNNNLSAILRRGPRN\*NAQF\*LWRGVFLLQYITTI\*\*YLE\*YLV\*YLE\*YWRKERHNHTPM\*NKTNYKQVAGSRNSNVCPSHQRTN\*VYIKYYRAVINKRWW\*YHQQQQRDLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKGSTRSYVPWVLGSSRKHYGRSVSSADGTSQTIIVWYSATAEQFAESY\*GANKYVATHGLGH\*TAPGKSPGCGKIPRGSTAPRDLGLLWKTHLHHCCALEHQLE\*\*ISR\*YLEHDLDAVGKRN\*QLHRLDIHLT\*TVTVPARKE\*KRIIRIG\*VGKFVELV\*HIKLAVVYKNIHNGSRRLGRFKNSFYCTFYNK\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRIVRTI

>B.2000.JQ403023.chronic

MEPVDPRLEPWNHPGSQPKTACTNCYCKKCCLHCQVCFIKKALGISYGRRKRRQRRRTPQDSKTRQAPIPKQ\*VVHVMNSLVILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSGLMEMGHRAPWDVNDL\*CCRREFVGHSLLWGTCVERSKCHSILCI\*C\*GI\*NRKT\*CLGHTCLCTHRPQPKRSSIGKCDRKF\*CMEK\*HGRTNAGGCNQFMGSKPKTMCKINPTLCYSKLH\*LPSYY\*ECHCGE\*Y\*RRNKKLLFQYHHKFQR\*DAETICTFL\*T\*CSTNGRK\*YYR\*Y\*LY\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWIRTMYKCQHSTMYTWN\*ASSVNSTVIKWQSSRRRCSN\*I\*KFHKNY\*NHNSTAERICND\*LYKTQQQYKKRYTYRTRESILCNRRHNRRY\*TSTL\*P\*WSTLE\*HFNKDS\*KIKRTIWE\*\*NNNL\*SIHRRGPGSCNAQF\*LWRGIFLL\*FNKIV\*\*\*LDYR\*GY\*LVQ\*Y\*LVKWHNHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*L\*FNYYRAVINKRWWCG\*\*HR\*\*H\*DLQARRRRYEGQLEK\*IV\*I\*SSTN\*TIRNSTH\*GKEKSGAERKKGHRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*CATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*NLS\*DLGKHDLDGVGKRN\*QLHNHNIQLN\*KIAKPTRKE\*TRIIGTR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRQI

>B.2001.JQ403024.chronic

MDPVEPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRANQDSQTHQAPLPKQ\*VVYVMQPLEISAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELAALVEMGHHAPWDVNDL\*C\*RTIMGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSNGKYNRRV\*RVEK\*HGRTDA\*GHSQFMGSKSKAMCKINPTLCYFKLH\*LCEE\*\*\*YQ\*\*\*CVKDGARRNKKLLFQYYHKHKR\*DTKNICIVL\*T\*CSTNR\*\*E\*\*L\*VDKL\*HLSHYTSLSKGILSANSHTLLCPGWFCDSKV\*REGVQWKRRM\*KCQHSTMYTWN\*ASSVNSTVVKWQSSRRRGSN\*I\*KFHRQY\*NHNSTAEQSCSN\*LYKTQQQHKKRYTYRTRECILYNRRHNRRYKTSTL\*H\*\*SRLE\*YFRTDSCKIKRKI\*\*NNSLQSILRRGPRNCNAQF\*LWRRIFLL\*YNTTV\*\*RLE\*Y\*YY\*QY\*K\*KYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTN\*MFIKYYRVAINKRWW\*\*QYH\*HH\*DLQTCRRKYEGQLEK\*IIQI\*SSTN\*TIRISTHQGKEKSGAERKKSSNVRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAK\*FAEGY\*GATSSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISR\*HLE\*HDLDTMGKRN\*QLHRLNIHLT\*KIAEPARKE\*TRIIRIG\*VGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNNFCCAFYSE\*S\*AGIFTTIIADPPPSNEGTRQARRNRRRRWRARQRQIRQI

>B.2001.JQ403025.chronic

MEPVDPRLEPWKHPGSQPQTPCNTCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRPPQDSQTHQGSLSKQ\*VAYVMQPLVILSIVALVVVLIIAIVVWSIVFIEYRKILRQRKIDRVIDRIRERAEDSGNESEGDQEELSALVVEMGHHAPWDVNDL\*CCRTNVGHSLLWGTCVERS\*HHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRSNIGKCDRKL\*HVEK\*HGRTDARGCNQFMGSKPKAMCKINPTLCYLKLH\*C\*KW\*\*YYQ\*NLG\*DRGRRNKKLLFQYHHKHEKKDAERICNVL\*S\*YSTNR\*\*\*\*Y\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*VREYYK\*C\*NHNSTAERSCRN\*LYKTQQQYKKKYKYGTRESILCNRRHNRRHKTSTL\*H\*LDKME\*NFTTGS\*QIKRTL\*K\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*FNKTV\*\*YLGY\*YYRVR\*\*H\*RR\*\*HIHTPM\*NKTDYKPVAGSRKSNVCPSHQRTN\*MFLKYYRTANNKRWW\*\*RD\*\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRISTHQGKEKSGAKRKKSSGIRSSVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRLNIHLA\*RIAEPTRKE\*TRIIGIR\*MGKFVELVQHNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*G\*EGILTIIVSDPPPSTEGTRQARRNRRRRWRERQRQIRKI

>B.2001.JQ403026.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRAPQGSQTHQDSLSKQ\*VVYVMQPSEILVIVAFILAALIAIVVWSIVLIEYRKILRQRKIDRLIERIRERAEDSGNESDGDQDELSALVERGHLDLGNINDL\*CYKQFVGHSLLWGTCVERSNHHSILCIRC\*RI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYSKLH\*F\*\*YY\*HPY\*RDENGARRNKKLLFQYHLKYER\*SAKRICTFL\*T\*YNTNRR\*\*\*\*R\*\*\*\*Y\*V\*VDKL\*HLSHYTGLSKGNL\*ANSYTLLCPGWFCDSKV\*\*\*KVQWIRTMYKC\*HSTMYTWN\*ASSINSTAVKWQFSRRRDNN\*IQQFHGQY\*NHNSTAE\*NCRN\*LYKTQQQYKKKYTYRTRQSILYNRRYNRRYKTSTL\*P\*\*NKMGECFKKDSYKIRRTI\*E\*NNSL\*SIFRRGPRNCNAQL\*L\*RGIFLL\*YNTFV\*GYLEWY\*MVK\*H\*RVK\*HCKK\*HNHTPMQNKTIYKHVAGSRKSNVCPSHQRTN\*LFIKYYRADINKRWW\*\*DRKE\*D\*DLQTWRGRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGSDLAEHDLDGVGKRN\*\*LHRFNIHFN\*KIAKPTRKE\*TRIIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLDRVKNSFYCIFYSK\*S\*AGIFTIVVPDPPPSPEGTRQARRNRRRRWRERQRQIRAI

>B.2002.JQ403029.chronic

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQSSLSKQ\*VINVMQSVQILAIVALVVAAIIAIVVWTIVGIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*YCRTIVGHSLLWGACVERCNCHSILCIRC\*SI\*\*RGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKAMCKINPTLCYFKLH\*CGE\*Y\*Y\*EC\*CY\*CH\*\*LGNNGKRRNKKLLFQYHHKCKR\*SAERICIVL\*T\*CNTNR\*\*\*\*DI\*VDKL\*YLSHYTGMSKGIL\*ANSNTLLCPGWFWDSKM\*R\*KV\*WNRTM\*KCQHSTMYTWN\*ASSVNSAAVKWQSSRRRNSN\*I\*QYHR\*Y\*NHNSTAE\*HCSN\*LYKTQQQYKKKYTYRTRESILYNRTNNRRYKTSTL\*H\*WNKME\*HLKTDS\*QTKRTI\*\*NNSL\*SIIRRGPRGCNAHF\*LWRGIFLL\*YSTTV\*\*YLGGC\*\*YLEC\*\*QYHTPMQNKTNYKHVARSRKSNVCPSHPRTN\*MFIKYYRDNINKRWW\*RKWDRQHHRDLQTWRGRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSNVRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQFAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGMLWKTHLHHYCALE\*\*LE\*\*NSE\*DLE\*HDLDGMGKRN\*QLHK\*NI\*LT\*SIAEPTRKE\*TRIIGIR\*VGKFVELV\*HIKLAVVYKIIHNDSRRLDRFKDSFCCTCYSK\*S\*AGIFTIVIPDPPPRPEGTRQARRNRRRRWRERQRQIREI

>B.2008.JQ403030.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*W\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDFKV\*Q\*DIQWSRTMYQCQHSTMYTWN\*ASSVNSAVVEWQSSRKRDSN\*I\*KFHR\*C\*NYNSTTE\*IRSN\*LYKTSQQHKKRYTYRTRASMVCNRRNNRRYKTSTL\*H\*\*SSME\*YFKKGSCKIKRKI\*GNNNNL\*SLLRGRPRNCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATAYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWENHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSAEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.JQ403031.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*W\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDFKV\*Q\*DIQWSRTMYQCQHSTMYTWN\*ASSVNSAVVEWQSSRKRDSN\*I\*KFHR\*C\*NYNSTTE\*IRSN\*LYKTSQQHKKRYTYRTRASMVCNRRNNRRYKTSTL\*H\*\*NSME\*YFKKGSCKIKRNN\*CNNNNL\*SLLRGRPRSCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATAYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWENHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSAEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.JQ403032.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*W\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDFKV\*Q\*DIQWSRTMYQCQHSTMYTWN\*ASSVNSAVVEWQSSRKRDSN\*I\*KFHR\*C\*NYNSTTE\*IRSN\*LYKTSQQHKKRYTYRTRASMVCNRRNNRRYKTSTL\*H\*\*SSME\*YFKKGSCKIKRNN\*GNNNNL\*SLLRGRPRSCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATAYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWENHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSAEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.JQ403033.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*W\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDFKV\*Q\*DIQWSRTMYQCQHSTMYTWN\*ASSVNSAVVEWQSSRKRDSN\*I\*KFHR\*C\*NYNSTTE\*IRSN\*LYKTSQQHKKRYTYRTRASMVCNRRNNRRYKTSTL\*H\*\*SSME\*YFKKGSCKIKRKI\*GNNNNL\*SLLRGRPRSCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATAYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWENHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSAEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.JQ403034.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHFVLCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*W\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDFKV\*Q\*DIQWRRTMYQCQHSTMYTWN\*ASSVNSTIVKWQSSRKRDSN\*I\*KFHR\*C\*NHNSTTERIHSN\*LYKTPQQHKKRYTYRTRASMVCNRRNNRRYKTSTL\*H\*\*SSME\*YFKKGSCKIKRKI\*GNNNNL\*SLLRGRPRSCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATTYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWENHLQHCCALEY\*LE\*\*IS\*\*HLG\*HDLDRVGKRNWQLHKLNIHLT\*NSTEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.JQ403035.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTSCYCKKCCYHCQVCFITKGLGISYGRKKWRQRRRAPEDSKTHQDHLSKQ\*VVYVMHSSIILTIVAFVVAIILTIVAFVVIIIEYRKIRRQRKIDRLLDRIIERAEDSGNESDGDQEELSAILEMGHLAPWVINDE\*GRRRVVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRGT\*CLGYTCLCTHRP\*PTRSGIEKCDRKF\*HVEK\*HGRTDA\*GCN\*FMGSKLEAMCKINSTLCHFKLH\*LCYFKLH\*FKK\*Y\*WN\*Y\*YYYEY\*\*RNERRDKKLLFQYHNKHK\*GTERICIF\*\*P\*CSTK\*\*C\*RQWHI\*VNKL\*YLSHYTGLSKDIL\*ANSYTLLYPSWFCDSKV\*\*\*NF\*WIRTMYECQHSTMHTWN\*TSSVNSTTVKWQSSRRRNSN\*V\*EFHEQCKSYNSTTK\*ICSN\*LHKAQQQYKKRDTPRTRANLLCNRSHNRRYKTSTL\*H\*\*GKLE\*YFKKNS\*EVKKTIW\*E\*NNSL\*SILRRGPRNCNAHL\*LWRGIFLL\*YIKTV\*\*YLA\*\*WYCRVK\*Q\*QYKYHTPMQNKTNCKHVAGSRKSNICPSHQRTN\*MFIKHYWAAINKRWW\*\*HHQWDRDLQAWRRRYEGQLEK\*IIQI\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAKQFAEGH\*GATTSVATHSLGH\*TAPGESPGCGKIPKGSTAPGDLGLLWKAHLHHYCALEC\*LEQE\*KPE\*YLE\*PDLDAVGKRN\*QLHRLNIQFN\*TIANPTRKE\*TRLISIGKVGKSMELV\*HN\*LAVVYKNIHNDSRRLDRFKNSFCYTFYSE\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRERQRQIRQI

>B.2008.JQ403036.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTSCYCKKCCYHCQVCFITKGLGISYGRKKWRQRRRAPEDSKTHQDHLSKQ\*VVYVMHSSIILTIVAFVVAIILTIVAFVVIIIEYRKIRRQRKIDRLLDRIIERAEDSGNESDGDQEELSAILEMGHLAPWVINDE\*GRRRVVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRGT\*CLGYTCLCTHRP\*PTRSGIEKCDRKF\*HVEK\*HGRTDA\*GCN\*FMGSKLEAMCKINSTLCHFKLH\*LCYFKLH\*FKK\*Y\*WN\*Y\*YYYEY\*\*RNERRDKKLLFQYHNKHK\*GTERICIF\*\*P\*CSTK\*\*C\*RQWHI\*VNKL\*YLSHYTGLSKDIL\*ANSYTLLYPSWFCDSKV\*\*\*NF\*WIRTMYECQHSTMHTWN\*TSSVNSTTVKWQSSRRRNSN\*V\*EFHEQCKSYNSTTK\*ICSN\*LHKAQQQYKKRDTPRTRANLLCNRSHNRRYKTSTL\*H\*\*GKLE\*YFKKNS\*EVKKTIW\*E\*NNSL\*SILRRGPRNCNAHL\*LWRGIFLL\*YIKTV\*\*YLA\*\*WYCRVK\*Q\*QYKYHTPMQNKTNCKHVAGSRKSNICPSHQRTN\*MFIKHYWAAINKRWW\*\*HHQWDRDLQAWRRRYEGQLEK\*IIQI\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAKQFAEGH\*GATTSVATHSLGH\*TAPGESPGCGKIPKGSTAPGDLGLLWKAHLHHYCALEC\*LEQE\*KPE\*YLE\*PDLDAVGKRN\*QLHRLNIQFN\*TIANPTRKE\*TRLISIGKVGKSMELV\*HN\*LAVVYKNIHNDSRRLDRFKNSFCYTFYSE\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRERQRQIRQI

>B.2004.JQ403037.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQMCFMKKGLGISYGRKKRRQRRGSPQDSQTHQISLPKQ\*VYVMQPLEITAIVALVVAIIIAIVIWTIVLIEYRRILRQRKIDRLIERISERAEDSGNESEGDQEELSALVVDMGHHAPWDVNDL\*CSRKSVGHSLLWGACVERSNHHSILCIRC\*SI\*DGGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*CMEK\*HGRTDAGGYN\*FMGSKPKAMCKIDPTLCYFKLH\*LGERY\*YLWECYYYHCCYYH\*ELGYDG\*RRNKKLHFQYHHRDTR\*EAEKICTFL\*T\*YSTNR\*\*\*CQLW\*YQL\*VDKL\*HLSHYTSLSKSVL\*ANSYTLLCPGWFCDSKM\*R\*EFQWIRSM\*KCQHSTMHTWN\*TSSINSAAVKWQSSRRRGSD\*I\*KYLRQC\*NHNSTAEGICKH\*LYKTPQQYKTKHTYRTRESILCNRRHNRRYKTSIL\*H\*\*GEMELHFTTGSYKIKRTGIV\*K\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLE\*YLDFE\*Y\*RVK\*HKWNWLYHTPMQIKTIYKHVAESRKSNVCPSHQWTN\*LYITHYRAAINKRWW\*\*Q\*RTHPDLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTHKGKKKSGAERKKSSRTGSYVPWVLGSSRKHYGRSISDADGTGQTAIVWHSATAKQFAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*IFGYDLE\*YDLDAVGKRN\*QLYRLNIQLN\*RIAEPTRKE\*TRIIRTGQVGQLVELV\*HNKMAVVYKNIHNDSRGLGRFKNSFCCTFYSE\*G\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIRQI

>B.2004.JQ403038.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRGSPQGSQTHQISLPKQ\*VYVMQPLEITAIVALVVVIIIAIVVWTIVLIEYRRILRQRKIDRLIERISERAEDSGNESEGDQEELSALVVDMGHHAPWDVNDL\*CSRKSVGHSLLWGTCVERSNHHSILCIRC\*SI\*DGGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*CMEK\*HGRTDAGGYN\*FMGSKPKAMCKIDPTLCYFKLH\*\*LGE\*Y\*MEER\*\*YLWECYQFDG\*RRNKKLHFQYHHRDTR\*EAEKICTFL\*T\*YSTNR\*\*\*CQLW\*YQL\*VDKL\*HLSHYTSLSKSVL\*ANSYTLLCPGWFCDSKM\*R\*EFQWIRSM\*KCQHSTMHTWN\*TSSINSAAVKWQSSRRRGSD\*I\*KYLRQC\*NHNSTAEGICKH\*LYKTPQQYKTKHTYRTRESILCNRRHNRRYKTSIL\*H\*\*GEMELHFTTGSYKIKRTGIV\*K\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLE\*YLDFE\*Y\*RVK\*HKWNWLYHTPMQIKTIYKHVAESRKSNVCPSHQWTN\*LYITHYRAAINKRWW\*\*Q\*RTHPDLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTLKGKKKSGAERKKSSRTGSYVPWVLGSSRKHYGRSISDADGTGQTAIVWHSATAKQFAESY\*GATAYVATHSLGHQAASGKTPGCGKIPKGSTAPRALGLLWKTHLHHYCALEC\*LE\*\*IFGYDLE\*YDLDAVGKRN\*QLYRLNIQLN\*RIAEPTRKE\*TRIIRIGQVGQFVELV\*HIKMAVVHKDIHNDSRGLDRFKNSFCCTFYSE\*S\*AGILTIVVPDPLPSTEGTRQARRNRRRRWRERQRQIVQI

>B.2004.JQ403039.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRGSPQGSQTHQISLPKQ\*VYVMQPLEITAIVALVVVIIIAIVVWTIVLIEYRRILRQRKIDRLIERISERAEDSGNESEGDQEELSALVVDMGHHAPWDVNDL\*CSRKSVGHSLLWGTCVERSNHHSILCIRC\*SI\*DGGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*CMEK\*HGRTDAGGYN\*FMGSKPKAMCKIDPTLCYFKLH\*\*LGE\*Y\*TEER\*\*YLWECYQFDG\*RRNKKLHFQYHHRDTR\*EAEKICTFL\*T\*YSTNR\*\*\*CQLW\*YQL\*VDKL\*HLSHYTSLSKNVL\*ANSYTLLCPGWFCDSKM\*R\*EFQWIRSM\*KCQHSTMHTWN\*TSSINSAAVKWQSSRRRGSD\*I\*KYLRQC\*NHNSTAEGICKH\*LYKTPQQYKTKHTYRTRESILCNRRHNRRYKTSIL\*H\*\*GEMELHFTTGSYKIKRTGIV\*K\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLE\*YLDFE\*Y\*RVK\*HKWNWLYHTPMQIKTIYKHVAESRKSNVCPSHQWTN\*LYITHYRAAINKRWW\*\*Q\*RIHRDLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTLKGKKKSGAERKKSSRTGSYVPWVLGSSRKHYGRSINDADGTGQTAIVWHSATAKQFAESY\*GATAYVATHSLGHQAAPGKTPGCGKIPKGSTAPRALGLLWKTHLHHYCALEC\*LE\*\*IFGYDLE\*HDLDGLGKRN\*QLHRLNIQLN\*RIAEPTRKE\*TRIIRIGQVGQFVELV\*HIKMAVVHKDIHNDSRGLDRFKNSFCCTFYSE\*G\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIVQI

>B.1985.JQ403040.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMTKALGISYGRKKRRQRRRAHQNSQTHQASLSKQ\*VVHVMQPIIVAIVALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEVSALVEMGVEMGHHAPWDIDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RENDNGERRDKKLLFQYQHKHKR\*GAERICILL\*T\*YSTNR\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWNQASSINSTAVKWQSSRRRCSN\*ICQFHRQC\*NHNSTAEHICRN\*LYKTQQQYKKKYPYPEGTRESICYNRKNRKYETSTL\*H\*\*SKMECHFKTDS\*QIKRTIWK\*\*NNNL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHTPMQNKTIYKHVAGSRKSNVCPSHQWTN\*MFIKYYWAAINKRWW\*\*QQWVRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIV\*YSAAAEQFAEGY\*GATASVATHSLGHQTAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLE\*HDLDGVGQRN\*QLHKLNTLLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.2004.JQ403042.chronic

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSQTDQASLSKQ\*VVHVMQPLEISAVVALVIVAIIAIVVWTIVLLEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKFMGHSLLWGTCVERSKHHFILCFRCQSISIRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*FEKYYQYQ\*\*CC\*YQY\*\*LEGDRNEKLLFQCHHKHKRQMA\*RICTFL\*A\*CNANR\*\*\*CKLYFDKL\*HLSHYTGLSKGIL\*TNSYTLLCPGWFCDSKV\*\*\*\*VQWNRTM\*KCQHSTMYTWN\*ASSVHSTAVKWQCDRRRRGSNQI\*KSHRQY\*NHNSTAEGTYKN\*LYKTQQQYKKKYTYRTRESILCNRRHNRRHKTSTL\*P\*\*GTME\*HFKTNSKQIKRKFWEYNNSL\*SVLRRGPRNCNAQF\*LWRGIFLL\*YSTTV\*\*YLELE\*YYQIK\*YRAR\*HHTPMQN\*TNYKQVAGSRKSNVCPSHQRTS\*MCIKYYRATINKGWWYGQHHRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKKKSGAERKKSNNDRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPG\*SPGCGSIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISGQNLE\*HDMDGVGQRD\*QLHKLNILLN\*RIAEPTGKE\*TRFIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRFSRFKNSFYHTFYSE\*S\*AGILTIVITDPPPSPAGTRQARRNRRRRWRERQRHIRTI

>B.2003.JQ403043.chronic

MEPVDPRLEPWKHPGSQPRTPCTPCYCKKCCLHCQVCFIKKALGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMQSLVILAIVALVIVGILAIAVWSVVFIEYRKILKQKK\*DRLIARIAERAEDSGNESDGDQEELSALVERGRLVEMGHDAPWDGNDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SL\*YRGA\*CLGHTCLCTHRPQPTRNKIGNGDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKIDPTLCHFKLH\*L\*WY\*YY\*Y\*\*\*Y\*W\*MGKRRNKKLLFQYHRRHKR\*GAERTCTFL\*S\*YSTNRE\*\*E\*\*QQ\*QL\*VEKL\*HLNHYTSLSKGNL\*TNSHTLLCPGWFCDS\*V\*Q\*NVQWNRNM\*QC\*HSTMYTWN\*ASSINSTAAKWQSSRRRNSN\*V\*KYHKQC\*NHNSTSK\*ICRN\*LYKTQQQYKEKYTHRTRKNILCNRRHNRRYKTSTL\*P\*FSKMEYHLEKGS\*QIKRTI\*RTI\*E\*NNSL\*SILRRGPRNYTAHF\*LWRGIFLL\*FNKTVQ\*YLV\*E\*YRNLEYYRNWRE\*HTHTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MYIKYYWDTINKRWW\*YK\*Q\*YHERD\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRTSTHQGKEKSGADRKKSSDTRSYVPWVLGSSRKHYGRSVSNADGTGQTIIDWYSATAE\*FAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHH\*CALEC\*LE\*\*ISEGNLGEHDLDAVGKRN\*QLHRHNIQLT\*SIAKPTRKK\*TRIIGIR\*MGKFVVLV\*HNKLAVVYKNIHNDSRRLDRFKTNFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2002.JQ403044.chronic

MEPVDPRLEPWKHPGSQPKTPCNNCFCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSQTHQVSLPKQ\*VVHVMQSLQIAAIVGLVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHLAPWDVDDL\*CCRPMVGHSILWGTCVERSNHHSILCI\*C\*SI\*YRGT\*CLGHTCLCTHRPQPTRISIGKCNRRF\*HVEK\*HGRTDAGGYNQFMGSKPKTMCETNPTLCHFKLH\*FNYYYHQYSYYHQYWE\*WCHP\*\*\*CGNEKLLFQCHHKQKR\*GTERICNF\*\*A\*HSTNR\*N\*Y\*LYVEKL\*HLSHYTGLSKGIL\*TNSHTLLCPSWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMYTWN\*ASSVNSTTVKWQSSRRRCNN\*V\*KLHRQC\*NHNSTAK\*NCRN\*LYKTQQQYKKKHNYRTRGSIFCNRRHNRRYKKSIL\*H\*\*SKME\*HLKTDSWQIKKTIREQNNNLY\*TRRRGPRSCNAHF\*LWRGIFLL\*YSKTV\*\*YLA\*\*YLE\*YYRSQ\*H\*GK\*HRPNRTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*LFIKYYRTAINKRWWHK\*YKR\*\*DLQTWRRRYERQLEK\*IMEI\*SSKS\*TIRTSTYQGKEKSGAEGKKSNNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAK\*FAESY\*GAAAYVATHSLGHQAAPGKSPGSGKIPTGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*\*IFKSDLG\*HDLDAMGKRN\*QLHRLNIHLT\*KIAKPTRKE\*TRIIGIG\*MGKFVGLV\*HNTLAVVYKNIHNGSRRPDRFKISFYCIFYSE\*S\*AGIFTIIVADPPPSPAGTRQARRNRRRRWREKQRGIREI

>B.2003.JQ403045.chronic

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCMHCQVCFLKKGLGISYGRKKRRQRRRTPEDSQTHQVSLSKQ\*VVHVMQPLQISAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIVERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*C\*RTIVGHSLLWGTCVERSRYHSILCIRC\*SI\*HRET\*CLGHTCLCTHRP\*PTRNKIGKCDRKF\*YVEK\*HGRTDAGRYNQFMGSKPKAMCGINPTLCYFKLH\*FEYY\*SQQY\*LQ\*\*\*FWIHGERRNKKLLFQCHHKHKR\*GAENLCIFL\*P\*CNTNR\*\*\*YYL\*VDKL\*HLSH\*TGLSKGIL\*ANSHTFLCPGWFCDSEV\*G\*KVQWNRTM\*KCQYSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KSYGQR\*NHNSAVE\*ICTN\*LCKTQQQYKKRYPYRTRESILYNRRNNRRYKASTL\*H\*\*SKMEQHFKTGS\*KIKRTIWECNNSF\*SLLRRGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*\*LG\*\*Y\*EWK\*Y\*RVK\*PYHTPMQNKTNYKHVAESRKSNV\*PSHPGTN\*LFIKYYRAAINTRWW\*E\*EQD\*EQDH\*DLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSSVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAKQFAEGY\*GAAASVATHSLGHQTAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCTLEY\*LE\*\*ISK\*HLG\*HDLDGVGKRN\*QLHRLNILPD\*RIAEPARKE\*TRVIAIGQMGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIIADPPPSSEGTRQARRNRRRRWRARQRQIRAI

>B.2003.JQ403046.chronic

MEPVDPRLEPWKHPGSQPKTPCNGCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAHQDSPIHQVPLPKQ\*VVYVMQPLVIAAIVALVAVAIIAIVVWTIVFIEYRKILRQRKIDKLLNRIRERAEDSGNESEGDEEELSALVVEMGHHAPWDVDDL\*CWKRQIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRDA\*CLGHTCLCTHKP\*PTRSSIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMG\*KPKAMCKINPTLCYFTLH\*CYNYCY\*NY\*\*YKYYC\*\*SCQ\*RDGGRNEELLFQYHHRCRKKGADTICNF\*YT\*CSTNR\*R\*\*YKLYVGKL\*HLSHYTDLSKGIL\*TNSHTLLYSGWFCASTV\*\*\*GVQWNRTM\*KCQHSTVYTWN\*ASSVNSTTVKWQFSRRRDNN\*I\*KYFKQC\*NYNSTAK\*NCSN\*LYKTQQQYKKKYTDRTREIIFCNRRHNRRYKKSTLYH\*GTRMEQHFKADSYKTKRTICQ\*NNNL\*SLLRRGPRNCKVQF\*LWRGIFLL\*YNTAV\*\*YLERY\*RKFH\*N\*HHTPMQNKTNCKQVAGSRESDVCPSHQRNH\*MFIKYYRAATNKRWWYQQQWVRKWVRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRISTHQGKEKSGAKRKKSSNAGSCVPWVLGSSRKHYGRSVNNADGTSQTLIVWYSAAAEQSAESY\*GATAYVATHSLGHQTAPGKSPGCGKIPKRSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*IFR\*HLGEHDLDAVGKRN\*QLHRLNIQLT\*KIAKPARKE\*TRIIGIG\*VGKFVELV\*HNTMAVVHKNIHNDSRRLNRFKNSFYCAFYNK\*S\*AGLLTIIISDPIPSREGTRQARRNRRRRWRERQRQIQSI

>B.2002.JQ403047.chronic

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFLTKGLGIFYGRKRRQRRRAHQDSETHQVSLSKQ\*VVHVMPSLYILSIVALVVAAILAIVVWTIVYIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELAAFVEMGYDAPWNVDDL\*CCNKPVGHNLLWGTCVERSKHHSILCIRC\*SL\*DRGT\*CLGHTCLCTHRSQPTRNRIKCNRKF\*HVEK\*HGRTDA\*GCNQFMGSKLKAMCKINPTLCYFKLQSFSRE\*YWGKEWQH\*\*\*\*FGNERTNKKLLFQCLHIREK\*GAEKICNF\*\*T\*YNAIRA\*\*C\*L\*IETL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYKCQHSTMYTWD\*TSSVNSTVVKWQSSRKRGSD\*I\*KFHGQC\*KHNSTAESICRN\*LYKTQQQYKAECN\*GTRESILYNRHNRRYKTSTL\*P\*\*NRME\*HFKTGS\*KIKRTICE\*NNKI\*TTIQRRGPRNYTSQF\*LWRGIFLL\*YITTV\*\*YLAV\*WYLEWYYK\*K\*YYRKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTNQMFIKYYRADINKRWGYQQYEQ\*YRGLSTYRRKYEG\*LEK\*TI\*I\*SSKN\*TIRSSTQQGEEKSGAKRKKSSSGTRSCVPWVLGSSRKHYGRSGSNADGTGQTIIVWYSAAAEQSAEGY\*GATAYVATHGLGHQTAPGKNPGCGKIPKGSTAPRALGLLWKTHLPHCCALEH\*LE\*\*VL\*VHLGKHDLDGVGERN\*QLHRLNIHLN\*RIAEPARKE\*TRAIRIG\*VGQFVELVQYNTLAVVYKNIHNDSRRLDRFKNSFCSAFYSK\*G\*AGILTIIIADPPPRTEGSRQARRNRRRRWRARQRQINSI

>B.2003.JQ403048.acute\_infection

MDPVDPRLEPWQHPGSQPKTACTKCYCKQCCYHCQVCFITKGLGISYGRKKWRQRRRSPQDSQTDQASLPKQ\*VVHVMIPLTILAIVALIVVAIIAIVVWSIVLIEYRKILKQRKIERLINRISERAEDSGNESEGDQEELSKLVVEMGHHAPWDVNDL\*SCRTNVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIAKCDRRV\*HMEK\*HGRTDA\*RCN\*FVGSKPKTMCKTNPTLCHSKLY\*FEE\*YYYQ\*Y\*YQ\*\*\*YQ\*\*YRG\*RRHKKLLFQCNHNQER\*GAERICNFS\*T\*CSTNR\*\*\*\*\*LYVEKL\*YLSHYAGLSKSNL\*ANSHTLLCPGWFCDSKV\*Q\*NI\*WKRAM\*KCQHSTMHTWN\*ASSINSTAIKWQFSRKGDST\*ICQFLGQC\*NHNSTIEGTYKN\*LHKAQ\*QYKKKYTYSTRESILCNRRNNRKYKTSTLQYY\*ERLE\*NSRTDSCEIKRTIWE\*\*NNNL\*FILRRGPRNCNAQF\*LWRGILLL\*YSTTVQQYVDK\*YWGSE\*Y\*RVK\*HYHTPMQDKTIHKYVAGSRKSNVCPSHPRIN\*VFIKYYRAATNKRWW\*W\*\*VR\*\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSRSFVPWVLGSSRKHYGRSISDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLFWKTHLHHCCALEY\*LE\*\*IL\*GHLE\*HDLDAMGERN\*QLHTRNIQFN\*NIAEPTRKE\*TRTIGIR\*MGKFVELV\*HNKMAVVYKNIHNDNRRLGRFKNSFCCNFYSKQS\*AGILTTVISDPPPNPEGTRQARRNRRRRWRERQRHIRTI

>B.2005.JQ403049.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRGSPQDSQTHQIYLPKQ\*VYVMQPLEIIAIVALVVAIIIAIVVWTIVLIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELSALVVEMGHHAPWDVNDL\*CSRKSVGHSLLWGACVERSNHHSILCIRC\*SI\*DGGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*CMEK\*HGRTDAGGYN\*FMGSKPKAMCKIDPTLCYFKLH\*\*LGE\*Y\*MEER\*\*YLWECYQFDG\*RRNKKLHFQYHHRDTR\*EAEKICTFL\*T\*SSTNR\*\*\*CQLW\*YQL\*VDKL\*HLSHYTSLSKNVL\*ANSYTLLCPGWFCDSKM\*R\*EFQWIRSM\*KCQHSTMHTWN\*TSSINSAAVKWQSSRRRGSD\*I\*KYLRQC\*NHNSTAEGICKH\*LYKTPQQYKTKHTYRTRESILCNRRHNRRYKTSTL\*R\*\*ERME\*HFTTDSYKIKRTVWKQNNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLE\*YLDFE\*Y\*RVK\*HKWNWLYHTPMQIKTIYKHVAESRKSNVCPSHQWTN\*LYITHYRAAINKRWW\*\*Q\*RIHRDLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSTLKGKKKSGAERKKSSRTGSYVPWVLGSSRKHYGRSINDADGTGQTAIVWHSATAKQFAESY\*GATAYVATHSLGHQAAPGKTPGCGKIPKGSTAPRALGLLWKTHLHHYCALEC\*LE\*\*IF\*YDLG\*HDLDGLGKRN\*QLHRLNIQLN\*RIAEPTRKE\*TRIIRIGQVGQFVELV\*HIKMAVVHKDIHNDSRGLDRFKNSFCCTFYSE\*S\*AGILTIVVPDPLPSTEGTRQARRNRRRRWRERQRQIVQI

>B.2004.JQ403050.acute\_infection

MEPVDPSLEPWKHPGSQPRTACSNCYCKKCCLHCQKCFLTKGLGISYGRKKRRQRRRAPGNSQAHQDPLSKQ\*VVYVMPPLYILTIVALVVAAILAIIVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSKLMEMGHLAPWDVDDL\*GCRQLVGYSLLWGTCVERSNHHSILCIRC\*RIC\*RGT\*CLGHTCLCTHRP\*PTRNTIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKSKAMCKTNPTLCYLKLQ\*LGKGKCY\*\*C\*\*\*SK\*Q\*\*\*\*IKDGERRIKKLLFQCHHKHKR\*DTERICTFL\*T\*CSTNRG\*\*Y\*L\*VNKL\*YLSHYSSLSKGNL\*ANSHTLLCPSWFCTSKM\*G\*VIQWNRTM\*KCQHSTMYTWNYASSVNSTAVKWQPSRKRGSN\*ICQSLRQY\*KHNSTSERICKD\*LYKAQQQYKKKYKYRTRESIYYNRSYNRRYKASTL\*H\*\*RKMEQNFTNGS\*KIKRKI\*K\*NNSL\*TPLRRGPRNCNA\*FQLWRGIFLL\*YITTV\*\*YLALE\*YCKQHWRK\*HNHTPMQDKTNCK\*VAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWRSD\*QPDWEPDRDFQTWRRRYKR\*LEK\*IIQI\*SSTN\*TIRSSSH\*GKEKSGAERKKSTNTGSCVPWVLGNSRKHYGRSVTNADGTGQTIIVWYSAAAEQSAESY\*GATTFVATHSLGHQAAPGKSPGCGEIPKGPTAPRNLGLLGKTHLHH\*CALE\*NLEQLQKSDSDLG\*HDLDTVGKRN\*QLHRLHILFN\*TIAKPTRKE\*TRIIGIR\*VGKFVELV\*HNKMAVVYKNIHNDNRRLDRFKNSFYYTFYSE\*S\*EGILTIIISDPLPSPGGTRQARRNRRRRWRARQRTIREI

>B.2004.JQ403051.acute\_infection

MEPVDPSLEPWKHPGSQPRTACSNCYCKKCCLHCQKCFLTKGLGISYGRKKRRQRRRAPGNSQAHQDPLSKQ\*VVYVMPPLYILTIVALVVAAILAIIVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSKLMEMGHLAPWDVDDL\*GCRQLVGYSLLWGTCVERSNHHSILCIRC\*RIC\*RGT\*CLGHTCLCTHRP\*PTRNTIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKSKAMCKTNPTLCYLKLQ\*LGKGKCY\*\*C\*\*\*SK\*Q\*\*\*\*IKDGERRIKKLLFQCHHKHKR\*DTERICTFL\*T\*CSTNRG\*\*Y\*L\*VNKL\*YLSHYSSLSKGNL\*ANSHTLLCPSWFCTSKM\*G\*VIQWNRTM\*KCQHSTMYTWNYASSVNSTAVKWQPSRKRGSN\*ICQSLRQY\*KHNSTSERICKD\*LYKAQQQYKKKYKYRTRESIYYNRSYNRRYKASTL\*H\*\*RKMEQNFTNGS\*KIKRKI\*K\*NNSL\*TPLRRGPRNCNA\*FQLWRGIFLL\*YITTV\*\*YLALE\*YCKQHWRK\*HNHTPMQDKTNCK\*VAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWRSD\*QPDWEPDRDFQTWRRRYKR\*LEK\*IIQI\*SSTN\*TIRSSSH\*GKEKSGAERKKSTNTGSCVPWVLGNSRKHYGRSVTNADGTGQTIIVWYSAAAEQSAESY\*GATTFVATHSLGHQAAPGKSPGCGEIPKGPTAPRNLGLLGKTHLHH\*CALE\*NLEQLQKSDSDLG\*HDLDTVGKRN\*QLHRLHILFN\*TIAKPTRKE\*TRIIGIR\*VGKFVELV\*HNKMAVVYKNIHNDNRRLDRFKNSFYYTFYSE\*S\*EGILTIIISDPLPSPGGTRQARRNRRRRWRARQRTIREI

>B.2004.JQ403052.acute\_infection

MEPVDPSLEPWKHPGSQPRTACSNCYCKKCCLHCQKCFLTKGLGISYGRKKRRQRRRAPGNSQAHQDPLSKQ\*VVYVMPPLYILTIVALVVAAILAIIVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSKLMEMGHLAPWDVDDL\*GCRQLVGYSLLWGTCVERSNHHSILCIRC\*RIC\*RGT\*CLGHTCLCTHRP\*PTRNTIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKSKAMCKTNPTLCYLKLQ\*LGKGKCY\*\*C\*\*\*SK\*Q\*\*\*\*IKDGERRIKKLLFQCHHKHKR\*DTERICTFL\*T\*CSTNRG\*\*Y\*L\*VNKL\*YLSHYSSLSKGNL\*ANSHTLLCPSWFCTSKM\*G\*VIQWNRTM\*KCQHSTMYTWNYASSVNSTAVKWQPSRKRGSN\*ICQSLRQY\*KHNSTSERICKD\*LYKAQQQYKKKYKYRTRESIYYNRSYNRRYKASTL\*H\*\*RKMEQNFTNGS\*KIKRKI\*K\*NNSL\*TPLRRGPRNCNA\*FQLWRGIFLL\*YITTV\*\*YLALE\*YCKQHWRK\*HNHTPMQDKTNCK\*VAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWRSD\*QPDWEPDRDFQTWRRRYKR\*LEK\*IIQI\*SSTN\*TIRSSSH\*GKEKSGAERKKSTNTGSCVPWVLGNSRKHYGRSVTNADGTGQTIIVWYSAAAEQSAESY\*GATTFVATHSLGHQAAPGKSPGCGEIPKGPTAPRNLGLLGKTHLHH\*CALE\*NLEQLQKSDSDLG\*HDLDTVGKRN\*QLHRLHILFN\*TIAKPTRKE\*TRIIGIR\*VGKFVELV\*HNKMAVVYKNIHNDNRRLDRFKNSFYYTFYSE\*S\*EGILTIIISDPLPSPGGTRQARRNRRRRWRARQRTIREI

>B.2005.JQ403053.acute\_infection

MEPVDPSLEPWKHPGSQPRTACSNCYCKKCCLHCQKCFLTKGLGISYGRKKRRQRRRAPGNSQAHQDPLSKQ\*VVYVMPPLYILTIVALVVAAILAIIVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSKLMEMGHLAPWDVDDL\*GCRRLVGYSLLWGTCVERSNHHSILCIRC\*RIC\*RGT\*CLGHTCLCTHRP\*PTRNTIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKSKAMCKTNPTLCYLKLQ\*LGKGKCY\*\*Y\*\*\*SK\*Q\*\*\*\*IKDGERRIKKLLFQCHHKHKR\*DTERICTFL\*T\*CSTNRG\*\*Y\*L\*VNKL\*YLSHYSSLSKGNL\*ANSHTLLCPSWFCTSKM\*G\*VIQWNRTM\*KCQHSTMYTWNYASSVNSTAVKWQPSRKRGSN\*ICQSLRQY\*KHNSTSERICKD\*LYKAQQQYKKKYKYRTRESIYYNRSYNRRYKASTL\*H\*\*RKMEQNFTNGS\*KIKRKI\*K\*NNSL\*TPLRRGPRNCNA\*FQLWRGIFLL\*YITTV\*\*YLALE\*YCKQHWRK\*HNHTPMQDKTNCK\*VAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWRSD\*QPDWEPDRDFQTWRRRYKR\*LEK\*IIQI\*SSTN\*TIRSSSH\*GKEKSGAERKKSTNTGSCVPWVLGNSRKHYGRSVTNADGTGQTIIVWYSAAAEQSAESY\*GATTFVATHSLGHQAAPGKSPGCGEIPKGPTAPRNLGLLGKTHLHH\*CALE\*NLEQRQKSDSDLG\*HDLDTVGKRN\*QLHRLHILFN\*TIAKPTRKE\*TRIIGIR\*VGKFVELV\*HNKMAVVYKNIHNDNRRLDRFKNSFYYTFYSE\*S\*EGILTIIISDPLPSPGGTRQARRNRRRRWRARQRTIREI

>B.2006.JQ403054.acute\_infection

MEPVDPSLEPWKHPGSQPRTACSNCYCKKCCLHCQKCFLTKGLGISYGRKKRRQRRRAPGNSQAHQDPLSKQ\*VVYVMPPLYILTIVALVVAAILAIIVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSKLMERGHLAPWDVDDL\*GCRRLVGYSLLWGTCVERSNHHSILCIRC\*RIC\*RGT\*CLGHTCLCTHRP\*PTRNTIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKSKAMCKTNPTLCYLKLQ\*LGKGKCY\*\*C\*\*\*YK\*Q\*\*\*\*IRDGERRIKKLLFQCHHKHKR\*DTERICTLL\*T\*CSTNRG\*EY\*L\*VNKL\*YLSHYSSLSKGNL\*ANSHTLLCPSWFCTSKM\*G\*VIQWNRTM\*KCQHSTMYTWNYASSVNSTAVKWQPSRKRGSN\*ICQSLRQY\*KHNSTSERICKD\*LYKAQQQYKKKYKYRTRESIYYNRSYNRRYKASTL\*H\*\*RKMEQNFTNGS\*KIKRKI\*K\*NNSL\*TPLRRGPRNCNA\*FQLWRGIFLL\*YITTV\*\*\*LALE\*YCKQHWRK\*HNHTPMQDKTNCK\*VAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWRSD\*QPD\*EPRDFQTWRRRYKR\*LEK\*IIQI\*SSTN\*TIRSSSH\*GKEKSGAERKKSTNTGSCVPWVLGNSRKHYGRSVTNADGTGQTIIVWYSAAAEQSAESY\*GATTFVATHSLGHQAAPGKSPGCGEIPKGPTAPRNLGLLGKTHLHH\*CALE\*NLEQQKSDSDLG\*HDLDTVGKRN\*QLHRLHILFN\*TIAKPTRKE\*TRIIGIR\*VGKFVELV\*HNKLAVVYKNIHNDNRRLDRFKNSFYYTFYSE\*S\*EGILTIIISDPLPSPGGTRQARRNRRRRWRARQRTIREI

>B.2008.JQ403055.acute\_infection

MEPVDPSLAPWKHPGSQPRTACSNCYCKKCCLHCQKCFLTKGLGISYGRKKRRQRRRAPGNSQAHQDPLSKQ\*VVYVMSHLYILAIVALVVAVILAIIVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSKFMERGHLAPWDVDDL\*GCRRLVGYSLLWGTCVERSNHHSILCIRC\*RIC\*RGT\*CLGHTCLCTHRP\*PTRNTIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKSKAMCKTNPTLCYLKLQ\*LEKGKCY\*\*Y\*\*\*YK\*Q\*\*\*WIRAGERRIKKLLFQRHHKHKR\*DKERICTFL\*T\*CSTNRE\*YY\*L\*VNKL\*YLSHYSSLSKGNL\*ANSHTLLCPSWFCTSKM\*G\*VIQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQPSRKRGSN\*ICQSLRQY\*KHNSTSERICND\*LYKAQQQYKKKYKYRTRESIYCNRRYNRRYKASTL\*H\*\*RKMEQNFTNGS\*KIKRKI\*K\*NNRI\*IPLRRGPRNCNAYFQLWRGIFLL\*YIKTV\*\*\*LALE\*YCKQHWRK\*HNHTPMQDKTNCK\*VAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWRSD\*QPD\*PDRDFQTWRRRYER\*LEK\*IIQI\*SSTN\*TIRNSSH\*GKEKSGAERKKSNNTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAESY\*GATTFVATHSLGHQAAPGKSPGCGEIPKGPTAPRNLGLLGKTHLHH\*CALE\*NLEPKQK\*SD\*HLG\*HDLDTVGKRN\*QLHRPHILFN\*TIAKPTRKE\*TRIIGIR\*VGKFVELVYHIKLAVVYKTIHNDNRRLDRFKNSLYYTFYSE\*S\*EGILTIIISDPLPSPGGTRQARRNRRRRWRARQRTIREI

>B.2007.JQ403056.chronic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPSQSSQTNQDHLPKQ\*VIDVMQALEIISIVALVVVTIIAIVVWSIVYIEYRKILRQRKIERLIDRIRERAEDSGNDSDGDQEELSALEMGHLAPWDVDDDL\*C\*KGRKVGHSLLWSACVERSCYHSILCIRC\*GI\*YRGAQCLGHTCLCTHRPQPTRSSTGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMC\*INPTLCYFKLH\*C\*FKLH\*C\*FKLH\*CY\*H\*\*\*CY\*\*CH\*\*RVGKIGSRRSTKLLFRCYHIQKR\*NAERICIVL\*S\*CSTNI\*G\*\*R\*\*\*\*H\*\*YL\*NL\*VDKL\*HLSHYTSLSKGNL\*TNSHTLLCPCWFCDSKV\*\*\*KFQWNRTMYKCQHSTMYTWN\*ASSINSTAVEWQSSRRGSSN\*ICQFLRQC\*KHTGTTK\*ICRN\*LYKTPQQYTQKYNYRTRESILCNRSHNRRHKKSIL\*A\*CNKMEEHFKKGSWKIKRTI\*E\*NNNLSAPLRRGSRSCNAHF\*L\*RGIFLL\*FNKPV\*\*YLEWNRVK\*HYRKWHRHTPMQNKTNYKYVAGSRKSNVCPSHRRAN\*LFIKYYRADINKRWW\*HH\*HH\*H\*DLQTWRRGYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEENGAKRKKSSGNGSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKTPGCRKIPTGSTAPGNLGLLW\*THLHHHCALE\*\*LE\*\*IFG\*HLE\*HDLDAMGQRS\*QLHTNNIHLN\*TSAGPTRKE\*A\*IIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRFDRFKNSFCCTIYSK\*S\*AGILTIIVSDPPPSNEGTRQARRNRRRRWRERQRQVRAI

>B.2007.JQ403058.chronic

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCWHCQVCFLTKGLGISYGRKKRRQRRRPPPDGQTHQASLPKQ\*VVYVMQSLQIAAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERSEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CYR\*TVGHSLLWGTCVERGNYHSILCIRC\*ST\*YRGT\*CLGHTCLCTYRPRPTRSSTGKCDRRI\*HVEK\*HGRPNA\*GYNQFMGSKSKAMCKVNPTLCHFKLH\*FRD\*\*D\*CK\*YKY\*\*\*FGKGRRNEKLLFQYHHKCKR\*EEERICVFL\*P\*YSTNRG\*\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DVQWKRTMCKRQHCTMYTWN\*ASSVNSTAIKWQSSRRRGST\*I\*QFHRQC\*NHNSTAEGSYQHYLCKTQQQYKEKYTYGTRKIILCNKKHNRRYKKRTL\*H\*QSKME\*NFKTDSYKIKRTI\*EQNNSL\*SILRRGPRNCKV\*L\*LWRGIFLL\*FNTTV\*\*YLVVQWYLD\*\*YYRVKYN\*\*I\*\*LHTPMQNKTNYKHVAESRKSNVCPSH\*RTN\*L\*IKYHRTDISKRWW\*\*CKRDRQHHRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNIRSYVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQFAEGY\*GATAFVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISGLYLG\*HDLDAVGKGN\*QLHKLNIHLN\*RIAKSTRKE\*TRVISIR\*VGKLVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCIVYSE\*S\*AGILTLVIPDPPPSQEGTRQARRNRRRRWRARQRQIHSL

>B.2007.JQ403059.chronic

MEPVDPNLEPWKHPGSQPRTPCTTCYCKRCCYHCPHCFITKGLGISYGRKKRRQRRRAPQDSQTHQSDLSKQ\*VVRVMQPL\*CNL\*R\*QQ\*\*D\*\*\*Q\*Y\*Q\*LCGP\*YL\*NIGN\*ENKKE\*TG\*LIESEKEQKTVAMRVKEIRKSCLWKWGILLLGMLMICSAREQLWVTVYYGVPVWKEATTTLFCASDAKAYETEVHNVWATHACVPTDPNPQEIKLENVTENFNMWKNNMVEQMQEDIISLWDQSLKPCVKLTPLCVTLNCTDANYGNVTNINGTNGTNINRTEVIGQMEKGEVKNCSFNVTSGIKDKVKKEYALFYSLDIVQIHEENNASYRMINCNTSVITQACPKVSFEPIPIHYCAPAGFVILKCNEKQFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSANFSDNAKTIIVQLNESVAINCTRPSNNTRKSIHIGPGRAWFATGEITGDIRQAHCNLSRVAWNKTLENIVKKLKAQFNNSKIVFNHSSGGDPEIVMHIFNCGGEFFYCNTTQLFNSTWNVTEETNSTRGNDTITLQCRIKQIINMWQEVGKAMYAPPIRGQIRCSSNITGLLLTRDGGGNNNNSEEVFRPGGGDMRDNWRSELYKYKVVKVEPLGVAPTKAKRRAVQREKRAVGIGAMFLGFLGAAGSTMGAASLTLTVQARLLLSGIVQQQNNLLKAIEAQQHMLQLTVWGIKQLQARVLALERYLKDQQLMGIWGCSGKLICTTSVPWNTSWSNKSLDTIWQNMTWMEWDREINNYTNIIYSLIEESQNQQEKNEQELLGLDKWASLWNWFDISHWLWYIRIFIMIVGGLIGLRIIFTVLSIVNRVRQGYSPLSFQTHPPAPRGPDRPEGIEEEGGERDRDRSGRL

>B.2007.JQ403060.chronic

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGISYGRKKRRQRRRAPQDSETHQASLSKQ\*VVHVMQPLVIASIVALVVTAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKKVGHSLLWGTCVERSNHHSILCIRC\*SI\*YREA\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCNFKLH\*G\*AEE\*YHECY\*CYNECYHL\*Y\*PGNEKLLFQCHPKCK\*QGGEKLCTFLYI\*YSTTR\*K\*\*\*\*YQL\*VNKL\*YLSRYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTLYKCQHSTMYTWN\*ASSINSLAVKWQSSGRRDSN\*I\*KYHRQC\*KHNSTAEQYCKHYLYKTK\*QYKEEYTYGTRESILCNGRNNRRYKTSTLYH\*\*NRME\*NFRTGS\*KIRRTI\*E\*NNKF\*APLRRGPRNCNAHL\*LWRGIFLL\*FNTTV\*\*\*LVS\*\*SLE\*\*Y\*TRKYHTPMQNKTNCKHVAGSRKSNVCTSHQRSN\*MYIKYYRTDINKRW\*\*\*H\*\*N\*NLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHYSQEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGH\*AAPGKSPGSGKISKGSTAPGDLGLLWKTHLHHCSTLE\*\*LE\*\*IFE\*HLE\*HDLDGVGKRN\*KLHRIDIQLT\*TIAKPTGQE\*KRLIGIK\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSI

>B.2008.JQ403061.chronic

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRAPESSQAHQVPLPEQ\*VVNVMRSLVILAIVSLVVVAILAIAVWSIVFIEYRKIRRQRKIDRLIERISERAEDSGNESDGDQEELSALVLEMGHHAPWDVNDM\*C\*TTKVGHSLLWGTSVERSKHHSILCIGC\*GS\*YRDA\*CLGHTCLCTHRPQPTRSTIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CRCKRY\*YQ\*\*YQ\*\*YLG\*\*HERRNKKLLFQYLYKQKR\*GEERICKFL\*T\*YSTNRR\*\*GKQYKQYKQYYI\*ADKL\*HLSHYTGLSKDIF\*ANSHTLLYPSWFCDSRV\*R\*EVQWNRTLYKCQHSTMYTWN\*ASSINSTAVKWQSSRR\*GGN\*ICQFHRQY\*NHNSTAE\*NCRN\*LYKTQQQYKKKYIYRTRESIFCNRNNREYKTSTL\*H\*\*SRLE\*HFKKDSCKIKRN\*TI\*K\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*FNITVQQYLEYQ\*YLGK\*\*Y\*RVKQHHTHHTPM\*NKQIIKHVAGSRKSNVCPSHQWTN\*MFIKYHRTAINKRWW\*Y\*HKWDRDLQTWRRRYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVSSADGTGQTIVVWYSATAEQHAESY\*GATAYVATHSLGHQAAPGESPGCGKIPKGSTAHGNLGLLWKTHLHHCCALE\*\*LE\*\*ISGDNLGQHDLDAVGKRN\*QLHRHNI\*LT\*RIAEPARKE\*TRTIGTR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSEQS\*AGILTIIVPDPFPSLEGTRQARRNRRRRWRARQRQIQSI

>B.2008.JQ403062.chronic

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQCCFMRKGLGISYGRKKRRQRRRTPQDSQTHQISLSKQ\*VVHVMQPLVILSIVALVVVALIAIVVWTIVGLEIRKIVRQKKIDRLIDRIVERSEDSGNESEGDQEELSALMEGGHIAPWNVDDL\*C\*KIVGHSLLWGTCMERSNHHSILCIRC\*SI\*DRET\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*SKECK\*YFCQYY\*SGERGNEKLLFQCHHKYKK\*GAEKLWIF\*\*N\*YSTNRGGK\*QY\*Y\*LYIEKL\*YLSHYTGLSKGIL\*ANSNTLLCPGWFCDYKMQ\*EEIQWNRTM\*KYQYSTMYTWN\*ASSVNSAVVKWQSSRRRGSN\*I\*KLHKQC\*NHNSTIE\*ICNN\*LYKTQQQYKKKCTHRTRESILYNRHNRKYKTSIL\*C\*\*GKMEENFKAGGWEIKRTIWKE\*NNNLYATSLRRRPRDCTAQF\*LWRGIFLL\*FSTTVQE\*LEWY\*TDKWH\*QKYHSPMQNKTNYKYVAGSRQSNVCPSHQWTN\*MCIKYYRAAINKRWW\*\*\*\*\*\*\*D\*DLQTCRRRYEGQLEK\*TI\*I\*SSKD\*TIRNSTHQGKEKSGAERKKSSGNIRSYVPWVLGSSRKHYGRSVADADGTSQTIIVWYSATAEQSAESY\*GATAPVATHSLGS\*TTPGKSPGCGKIPTGSTAPRDLGLLWKTHLYH\*CALEQNLE\*\*IST\*NLG\*HDLDGVGKRN\*QLHRLNI\*LT\*NIAKPARKE\*TRIIGIG\*MVKFVELV\*YIKLAVVYKNIYNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIIADPPPSAEGTRQARRNRRRRWRERQRQIHKI

>B.2008.JQ403063.chronic

MEPVDPKLEPWKHPGSQPKTPCTNCFCKSCCYHCQVCFLKKGLGISYGRKKRRQRRGAHQDSKTHQASLSKQ\*VVHVMQPLHILAIVALVVAAIIAIIVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGTESDGDKEELSALVEMGHDAPWDIDDL\*YCRKIVGHSLLWGTCVERSNNHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*RVGKSYGRTDA\*GYNQFMGSKPKAMCKIDPTLCYFKLH\*\*IGE\*YYYQQ\*\*FGE\*NYFRRNKKLLFQFHHKHE\*GSERTCTFL\*T\*CSTNR\*YG\*\*\*\*\*Y\*L\*IDKL\*YFSHYTCLSKGIL\*TNSHTLLHPGWFCASKV\*\*\*KVQWEWTM\*KCQHSTMYTWNQTSSVNSAAVKWQSSRRRCSN\*I\*KFCKQCLHHNSTAE\*NCKN\*LHKTQQQYKKKYTYGTRESILYNRRHNRRHKTSTL\*P\*\*SRMEQNCNTDS\*KIKRKI\*K\*NNKI\*PIRRRGHRNCNAQL\*LWRGIFLL\*YNTIV\*QYLE\*KYPTQFFR\*\*YPKFFQ\*\*YHTPM\*DKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAIINKRWW\*\*\*\*K\*GGV\*TWGRRYEGQLEK\*II\*I\*SSKN\*TIRNSTYQGKEKSGAERKKSSGNNRSYVPWVFGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAESY\*GATAYVATHSLGY\*ATPGKSPGCGTIPKGSTAPRDLGLLWKTHLHHYCALEYQLE\*\*ISGIYLGQHDLDAVGKRN\*QLHRFNIQLT\*RIAKPARKE\*TRIIGIG\*VGQFVELA\*HNKLAVVYKNIHNDSRRLDRFKNSFCYTFHSKQS\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRQRQRQIHSI

>B.2007.JQ403064.chronic

MDPVDPRLEPWNHPGSQPRTACPTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTNQDSLPKQ\*VIHVMHSLQIAAIVALVVVGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIDRAEDSGNESEGDQEELAALVERGHLAPWNIDDL\*CCKQSVGHSLLWGTCVERSNYHSILCIKC\*SI\*\*RGT\*CLGYTCLCTHRPQPTRANIGKCDRRF\*HVEK\*NGRTDA\*GHNQFMGSKPKAMCKINPTLCYLKLH\*LFKE\*YPYQ\*YSEQ\*QYSEQ\*Q\*\*LGSDGERRNKKLLFQCHHRYKGQSAARICSFL\*T\*CSSNR\*\*\*YQL\*VSKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCASKV\*\*\*DVQWNRNMYKCQHSTMYTWNQASGINPIAVKWQSSRGRGSN\*I\*KFHG\*C\*SHNSTAKCICRN\*LYKTQQQYQKRYTFRTRENILCNRRDNRKYKTSTL\*H\*\*SKMEEHFKTDS\*KIRKTIWGE\*NNSLYAILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*H\*LD\*D\*C\*LDCY\*LD\*CWSKYYTPMQNKTNYKYVAGSRKSNVCPSHQRTN\*MLIKYYRVAINKRWW\*YHERDHRDLQAWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAKRKTNSGTRSFVHWVLGSSRKHYGRSVTDADGTSQTIIVWYSATAEQPAEGY\*GATASVATHSLGHQAAPGQSPSSGKIPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*IS\*PDLGKHDLDAVGKRN\*QLHRHNIHLN\*RSADPTRKE\*TRLIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSWRLGRFKNSFFCNFYSE\*S\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRQI

>B.2007.JQ403066.chronic

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKWRQRQRRRASPDSEIHQVPLSKQ\*VVHVMQPLQIAAIVALVVVAIIAIVVWTIVYIEYRKILRQRKIDRLIDRIAERAEDSGNESDGDQEELSALVERGHVEMGHHAPWDVNDL\*C\*RKIVGHSLLWGTCVERSNHHSILCIRC\*NI\*SRST\*CLGHTCLCTHRPQPTRNSNGKCDRRV\*YVEK\*HGRPDA\*GYNQFMG\*KPKAMCEINPTLCYFKLH\*CY\*CH\*WE\*YSGQEY\*LGNARRNKKLLFQYHHKLEG\*DAESICTFL\*A\*YSTNR\*\*\*\*\*YQL\*GDKL\*HLSHHTGLPKGNL\*TNSHTLLCPGWFCTSKV\*Q\*NV\*WKRTMYKCQHSTMYTWN\*ASSINSTVIKWQPSRGRDSAQI\*EFLEQC\*NHNSTAE\*ICNN\*LYKTQQQYKRRYPYRTRESMDGNERHRRRYKKSTL\*N\*\*NTME\*NFRTDS\*KIKKTVWE\*DNNL\*AILRRRPRNCNAPL\*LWRGIFLL\*YNTTV\*\*YLEWY\*RVK\*H\*RKE\*HNHTPMQNKTNYKHVAGSRKSNVCPSHRRAN\*LFIKYYRAAINKRWW\*\*ERDHHQRNLQTYRRKYERQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSHVPWVLGSSRKHYGRSVNGADGTGQAIIVWYSATAE\*FAKSY\*GATAYVATHSLGHQAAPGTSPGCGKIPKGSTAPGDLGLLWKTHLYHCCALEY\*LE\*\*ISESDLGQHDLDGVGKTN\*QLHKHNIHLT\*RIANPTRTE\*KRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRIDRFKNSLYCTFHSE\*S\*AGILTNIVSDPPPSSEGTRQARRNRRRRWRERQRHIKAI

>B.2008.JQ403067.chronic

MDPVDPRLAPWEHPGSQPKTACNNCYCKRCCFHCQVCFATKGLGISYGRKKRRQRRRAPQNGPAHQVPLSKQ\*VVHVMQPSVILAIVALVVAAILAIVVWTIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDQEELAGLVGMGHHAPWDVDDL\*CCRQIVGHSLLWGTWVERSKHHSILCIRCQSI\*HRGT\*CLGHICLCTHRP\*PTRSSIKKSDRKF\*YVEK\*HGRSDA\*GYNQFMGSKPKAMCKINSTMCYFKL\*GCKRELFQ\*\*\*YRRNKWSEGRNKKLLFQCHHKKRR\*GTGTLCTF\*\*T\*CSTSRY\*E\*\*DKLYVDKL\*HLSHYTGLPKGVL\*TNSHTLLCPGWLCDSKV\*G\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAAKWQSSRRRDSS\*I\*KFHGQC\*NHNSTAK\*IYSN\*LYKTRQQYKKKYTYRTRESILYNRSNNRRYQTSTL\*P\*SRPLEQHSEKDSYKTKRTIWGE\*NNSL\*PILRRGPRNCNAHF\*LWRGIFLL\*YNKAV\*\*YLEWY\*EWYSYRVK\*H\*HHTPM\*NKTNYKQVARSRKSNVCPSHQWANYMFIKYYRATINKRWRSE\*E\*D\*DLQTWRRKYEG\*LEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSDARSCVPWVLGNSRKHYGRSVSGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISG\*HLGEHDLDAVGERN\*QLHKHNIHLN\*RIANPTRKE\*TRIIEIGFVGKSVELVQHNKLAVVYKNIHNDSRRFNRIKNSFCCTFYSK\*S\*AGILTIIVPDPPPSTEGTRQARRNRRRRWRERQRQIRSI

>B.2006.JQ403068.chronic

MEPVDPRLEPWKHPGSRPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRTPQDNQDHQGSLSKQ\*VVHVMQLIQIVAIIALVVAAIIAIVVWTIVFIEYKKLRKQKKIDKLIERIRERAEDSGNESDGDHEELSTLVEVGYDAPWDINDQ\*CCRRFVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPRPTRSKIGKCDRKF\*HVDK\*HGRTDA\*GYNQLMGPRPKAMCEINPTLCYLKLH\*FE\*WYS\*\*Y\*WE\*\*\*\*YNGGRRNEKLLFPGYHKPNR\*VSERICTFL\*T\*SSTNGSNV\*Q\*Y\*L\*VNKL\*HLSHYTSLPKSIF\*TNSHTLLCPGWFCDSKM\*\*\*EFHWKRRM\*KCQHSTMYTWD\*ASSVNSTAVKWQSSRR\*GSN\*I\*QFHEQCQKYNSTAECTCRN\*LYKTQ\*QHKKKYTYRTRESILCNRRHNRRHKTSTL\*H\*SIKME\*HFETDS\*KIKRTISK\*NNSI\*SILRRGPRNCNAQF\*LWRGIFLL\*FIKTV\*\*YLECN\*LECNWLEWY\*RVKWHYHTPMQNKTDYKHVARSRKSNVCPSHQRTN\*MFNKYYRADINKRWW\*REQ\*Q\*\*GL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSSGTRSTVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQFAEGY\*GATTFVATHSLGHQAAPGKSPGCGKIPTGSAAPGDLGLLWKTHLHHFCALER\*LE\*\*ISRTDLG\*HDLDAMGKRN\*QLHKSNIQLT\*RIAEPARKE\*TRIIRIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRHSRFKNSFYCTFYSK\*S\*AGIFTIVVSDPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2008.JQ403069.chronic

MEPVDPRLEPWKHPGSRPRTACTPCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPHQDSQTHQVPLPEQ\*VVHVMQALEILAIVALVVATILAIVVWSIIFIECRKIAKQKKIDRLIDRIRERAEDSGNDSDGDEEELSTLVEMGHHAPWDVNDL\*GCRQFVGYSILWGTCVERSNRYSILCIRC\*SI\*YRGT\*CLGYTCLCTH\*SLTTRNSIGKCD\*KF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LEAE\*Y\*YQCY\*CQ\*\*\*HGNARERRNKKLLF\*HHHKCKR\*GEERICII\*\*T\*CSANKW\*\*\*\*\*YY\*I\*VDKL\*HLSHYTSLSKGNL\*TNSHTLLCPGWFCDSKV\*R\*EVQWKRRM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSD\*I\*QYHGQY\*NHNSSAKQICRN\*LYETQ\*QYKKRYTYRTRGSIIYNRRNNRRYKTSTL\*P\*\*NRMEYHFKTNSY\*IKRRI\*\*NNNL\*SILRRGPRNCDAHF\*LWRGIFLLQYNTTI\*\*YLE\*YTTV\*\*YLE\*D\*LVK\*NYKRKHHTPMQNKTNCKHVAGSRKSNVRPSH\*GNN\*MFIKYHRATINKRWRGF\*\*Q\*NLQTWRGRYEGQLEK\*II\*I\*SCKN\*AIRSSTHQGKEKSGAERKKSSGIRSYVPGVSGSSRKHYGRSVNNADGTGQTTIVWYSATAEQFAESY\*GATASVATHSLGHQTAPGKNPGCGKIPKGPTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISK\*HLG\*HDLDAVGKRN\*QLHRLNIHLN\*KIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNELAVVYKNIHNDSRRLNRFKNSLFCTFYSK\*S\*AGILTIVVADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JQ403070.chronic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPKHSETDQASLSKQ\*VIHVMQPLEILAIVALVVAAILAIVVWTIVYIEYRRILRQRKIDRLLDRISERAEDSGNESDGDQEELSRLVEMGHLAPWDVDDM\*C\*\*C\*RTIVGHSLLWGTCVERSDHHSILCIRC\*GI\*H\*ST\*CLGHTCLCTHRP\*STRDRIEKCDRKF\*HVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPSLC\*VKLHECQFYED\*\*YKYL\*WYLEGRGRRSKKLLFQCHHNDKK\*GAERICTFL\*T\*YSTNRG\*\*YKLYFDKL\*YLSHYTSLSKGIL\*TNSHTLLCPSWLCDSKV\*G\*EVQWNRTM\*RGQHSTMYTWN\*ASSVNSTAVKWQSSRRRGST\*I\*KFHGQC\*NHNNTAE\*IYTN\*LYKTQQQYKQEHTYGAGESILCNRKNNRRYKTSTL\*H\*\*KRLE\*HFKNGSCKIKRTI\*\*\*NNNI\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLAV\*\*YFE\*YSRGVW\*E\*RDYHTPMQNKTNYKQMAGSRKSNICPSHQRTN\*MFIKYYRDTINKRW\*SRQRE\*DLQTRRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAKGKKSSGNARSHVPWVLGSSRKHYGRSVSDADGTGQTTIVWYSATAEQPAESY\*GATASVATHSLGHQTAPGETPGCGKIPKGSTAPRDLGLLWETHLHH\*CALEY\*LE\*\*IS\*SDLG\*HDLDAVGERD\*QLHRFNIQLN\*RIANPTRKE\*TRIIAIGYMGKFVDLVFHNKLAVVYKNIHNNSRRFNRFKNCFYCTFYSE\*S\*AGILTSVISDPLPSPEGTRQARRNRRRRWRERQRQIQSI

>B.2007.JQ403071.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISHGRKKRRQRRAAPQDNQTHQASVPKQ\*VVQVMITLYIAAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDRLIDRITERAEDSGNESEGDQEELSALMEMGHDAPWVVNDL\*CYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRIIIRKCDRKF\*HVEKWHGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*CEQY\*YYHK\*Y\*WQ\*YCH\*\*\*\*LEPHGARRNKKLLFQCHHRHER\*DATSICTFI\*T\*YRINR\*\*\*D\*L\*VDKL\*\*LSHYTGLSKSIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*ICQFLG\*C\*SHNSTSE\*ICNN\*LYKTQQQYRKKGNSRTRESMVYNRKNSRRYKTSTL\*H\*QSSLEENFRKGSSKIRRTIWG\*NNKLHRILRRGPRNCSAQF\*LWRGVFLL\*YIKTV\*\*QLDI\*\*SNMEY\*SYRVK\*Q\*RKYHTPL\*NKTNCKHVAGSRKSNVCPSHQWTN\*MCINYYRAAINKRWWERD\*QY\*DL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGTEKSGAERKKSSGNVRSYVPWVLGSSRKHYGRSVDNADGTSQTINVWYSATAEQSAEGY\*GATTYVATHSLGHQTAPGKSPGSGKIPTGSTAPRNLGLLWETHLHHYCALEY\*LEQ\*ISGKNLA\*HDLDGVGKRN\*QLHRLNIHLT\*RIANPTRKE\*TRLIGIR\*VGKFVELVQHNTLAVVYKNIHNDSRRLNRFENSFCCAFHSE\*S\*AGILTIIVADPPPNHEGTRQARRNRRRRWRARQRQINSI

>B.2007.JQ403073.chronic

MEPVDPKLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVNVMQSLEISAIVALVVAGIIAIVVWSIVFIEYRKIRRQKRIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHHAPWDDNDL\*CCRTVVGHSLLWGTCVERSNHHSILCIRC\*II\*HRGT\*CLGHTCLCTHRPQPTRSIPTKCDRKL\*HVEK\*HGRPNA\*GYNQFMGSKPKAMCKINPTLCHFKLH\*FWECY\*YWECY\*WWGKWY\*Y\*\*HIKNGERRNKKLLFQYHLKHKR\*NAERKCTFL\*R\*SSANS\*\*YCQPDQY\*R\*\*YYQQ\*\*YYQI\*EIYIDKL\*HLSHHTGLSKGIL\*ANSNTLLCPGWFCDSKV\*RRRVQWNRTM\*KCQHSTMYTWNQASSINSTTVKWQSSKRRGSN\*ICQHLRQC\*NHNSTAERICNN\*LYKTQQQYKKKYTYITRESILCKRRDNRRYKKSTL\*H\*\*NRME\*DSKPDS\*KIKIKQRV\*E\*NNSL\*TILRRGPRDCDAQF\*LWRGIFLL\*YNTTV\*\*\*LA\*WNLDV\*\*H\*K\*HYHTPMQDKTNCKHVAGSRKSNVCPSHQRTNSL\*FKYYRAAINKRWWH\*\*HQRDLQTGRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGTRSSVPWVLGSSRKHYGRSVNGADGTDQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPTGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLG\*HDLDGMGKRN\*QLHRLNIQPT\*RIAEPTRKE\*TRIIGIG\*MGKFVDLV\*HNKLAVVYKIIHNDSRRLDRFKNNFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JQ403074.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQNSQTHQDSLSKQ\*VVYVMQSLEILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRLIERAEDSGNESDGDQEELSALVEMGHHAPWPINDL\*CCRTIVGHSILWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCNRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFRVH\*VKYY\*RE\*Y\*H\*FE\*YQFE\*YLY\*\*\*HGGRRNEKLLFQYYHKHKR\*GAERLCAFL\*T\*SNTDR\*G\*E\*E\*\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDFKV\*\*YEVQWKWTMYKCQHSTVYTWN\*ASSINSTAVKW\*SSRRRGSS\*IRQFLGQY\*NHNSTVE\*ICNN\*LYKTQQQYKKKYIYRTRQSICYNRTNNRKYKTSTL\*H\*\*RTMA\*RFKTDS\*KIRRTIW\*QNNSL\*SILRRGPRNCNAQL\*LWRGIFLLQYNKTV\*\*YLDN\*WY\*NDK\*HKRK\*DNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*VCIKHYRVVINKRWW\*\*W\*\*HEQQH\*DLQTWRRGYERQLEE\*TI\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSTRSSDPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPVSGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ILGSDLAEHDLDAVGKRN\*\*LHRLNI\*LN\*KIAKPTRKE\*TRFIGIR\*LGKFVELVYHNKLAVVYKNIHNGSRRLGRFKNSFCCAFYSK\*S\*AGIFTIIVPDPPPSSEGTRQARRNRRRRWRARQRQISSI

>B.2007.JQ403075.chronic

MEPVDPRLEPWKHPGSQPKTACSSCYCKKCCFHCQKCFLTKGLGIFYGRKKRRQRRRAPQNSQTDQADLSKQ\*VVHVMHPLVILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDLEELSALVEMGHLAPWDINDQ\*CGRTFVGHSLLWGTCVERSNYHSILCFRC\*SI\*YRKT\*CLGHTCLCTHRPQPTRGSIEQCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTMCYIKLY\*CKK\*\*YY\*YQ\*YY\*YHC\*\*RGSNGGKRHEKLLFQYHHRLKR\*GKERICTSL\*T\*CSTNG\*E\*\*Y\*L\*VDKL\*HLSHYTSLSKDNL\*ANSHTLLCPSWFCDSKM\*QQDVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFHRQC\*NHNSTAKRNCTN\*LYKTQQQYKEKYTYGTRQSILCNRRHNRKYKTSTL\*H\*\*STME\*HFKTGSYKIKRTI\*\*NYSL\*ALLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLEYYWRVK\*HGRK\*YNHTPMQNKTSYKHVATSRKSNVCPSHQRTN\*MFIKYYRAVINKRWWPWWQQQ\*RDRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGNSRKHYGRSVNNADGTGQTIIVWYSATAKQFAAGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGTLGLLWKTHLHHCCALEH\*LE\*\*ILRGDLGQHDLDAVGKRN\*\*LHKHNIHLNSRIAKPTRQE\*TRIIGTR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*SQAGILTIIVPDPPPSSEGTRQARRNRRRRWRQKQKQLRTI

>B.2007.JQ403077.chronic

MDPVDPRLEPWKHPGSQPKTACNNCYCKRCCWHCQLCFLTKGLGILYGRKKRRKRRRAPQDSETHQSSLSKQ\*VIHVMQPLVILAIVALVVAAIIAIVVWSIVIIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRIF\*YVEK\*HGRTNA\*GYNQLMGSEPKAVCKINPTLCYFKLY\*LEE\*Y\*CHYR\*YHW\*W\*GTNGIRHEKLLFQCNLKHKR\*NAKGICTFL\*T\*CSANR\*W\*\*\*Y\*Y\*L\*VDKL\*HLNHYTGLSKGILSANSHTLLYPSWFCASKV\*\*\*EIQWNRTM\*KCQHSTMYTWH\*TSSVNSTPVKWQSSRRRGSN\*I\*KFLEQC\*NHNSPAE\*NCRN\*LYKTQQQYKKRYTYRTRESILCNRKHIRRYKTSTL\*H\*\*KTME\*NFKTGSGKIKRTI\*E\*NNSF\*SILRRGPRNCNSQF\*LWRGVFLL\*YNRTV\*QHLELNRMG\*\*HR\*KSHNQ\*HR\*KSHNQM\*NKTNYKLVAGSRKSNVCPSHQRTN\*M\*FKYYRAAVNKRWW\*Q\*Q\*Q\*QRDRGL\*TWRRKYERQLEK\*II\*I\*SSEN\*AIRNSTHQGKETSGAERKKSSNVRSYVPWVLGNSRKHYGRSVIDTDGTGQTIIVWYSATAE\*SAESY\*GATAYVATHSLGH\*AAPGKSPGCRKIPKRSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*KSESDLG\*HDLDAVGKRN\*QLHKQNIHFT\*RIAKPTRKE\*TRIIGIR\*VGKSVELV\*HNKLAVVYKNIYNDSRRLNRLKNSFCCTCYNKES\*AGILTIVIADPPPSSEGTRQARRNRRRRWRERQRHIREI

>B.2007.JQ403078.chronic

MEPVDPRLEPWKHPGSQPRTACNSCYCKQCCFHCQVCFMQKGLGISYGRKKRRQRRRSPKSSQTHQDPLPKQ\*VVYVMQPLQIAAIVALVIVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELLVEMGHDAPWNVNDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*GICCRGT\*CLGYTCLCTHRPQPTRSSIGKCDRKF\*YVGKQHGRTDA\*GYNQLMGSKPKAMCKINPTLCYFTLH\*L\*\*Y\*\*YCYQY\*\*YCYQY\*Q\*\*NTNGGRRNKKLLFQYFLINK\*KGKERICTFL\*H\*CSTIRRK\*YKLYIEKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKM\*C\*GFQWNRTM\*KCQYCTMYTWN\*ASSVNSTAVKWKSSRKRGSNQV\*KFHEQC\*NHNSTAEGPYKN\*LYKTQQQYKKRYTYRTRGSIVCNRTNNRRYKTSIL\*H\*\*NTME\*YFNTDS\*SITRTI\*K\*NNSL\*SIIRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*D\*E\*YYRVK\*H\*\*YQTPMQNKTNCKQVAGSRKSNVCPSHRGHN\*LFIKYYRAFINQRWW\*REQ\*RRDLQTSRRRYKGQLEK\*II\*I\*SSKN\*ATRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQTAPGKSPGCGEIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISG\*DLE\*HDLDAVGERN\*QLHRLNIQFN\*TIAKPARKE\*TRIIGIG\*VGKFVELV\*HNKMAVVYKNIHNDSRRFNRFKNSFCCAFYSK\*S\*AGIFTIIVADPFPSPEGTRKARRNRRARWRQRQRQIHSL

>B.2008.JQ403080.chronic

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRTHQGCKTHQVSLSKQ\*VAYVMISLPAWSIAALIVAAILAIIVWTIVILEYRKILRQRKIDRLIERIRERAEDSGNESEGDQEELSALMEMGPPVEMGHLAPWDVNDL\*CRRNVGNSLLWGTCVERSKHHSILCVKC\*ST\*YRST\*CLGHTCLCTHRPQPTRNSARKCNRKV\*HVEK\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFRLR\*CKQEY\*WE\*Y\*\*DERRNKKLLFQCNHKHER\*DNKRICTFL\*T\*CSTNR\*\*H\*C\*L\*VNKL\*LLSHYTSLSKDIL\*ANSHTLLYSCWVCDSKV\*\*\*DVQWNRIMYKCQHSTMYTWN\*ASSVNSTVAKWQSSRRRGSN\*I\*KFHRQCKNYNSTAE\*NCSN\*LYKAQQ\*YKKKYTHSTREIISCNRRHNR\*YKTSTL\*P\*\*RSME\*NFKADSCKVGRTI\*E\*RNSL\*ELLRRRSRDCNAQF\*LWRGIFLL\*YNSTV\*\*YLGG\*\*\*YWGS\*\*\*YWGVYRKWHNHTSMQDKTNYKHVAGSRKSHVCPSHRRTN\*LFIKYYRTTTNKRWW\*KCQQHHRDL\*TWRRKYEGQLEK\*II\*I\*GSKT\*AIRNSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSAAAKQFAEGY\*SATPSVAAHSLGHQAAPGESPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*QIYR\*HLE\*HDLDGVGKRN\*QLHRLNIHLT\*TIANPAGKE\*TRIIGIR\*MGRFVELV\*HIKLAVVY\*NIHNDSRRLDRFKNSFYCTFHSK\*S\*AGIFTIIIADPPPSPAGSRQARRNRRRRWRARQKQIKAH

>B.2008.JQ403082.chronic

MEPVDPRLEPWKHPGSRPRTACTSCYCKKCCFHCPVCFTTKGLGISYGRKKRRQRRRTPPDNKDNQVPLPKQ\*VVHVMQSLKIISIAALVVATTLAIVVWSIVFIEYRKIKRQRKIDRLIDRIRERAEDSGNESEGDQEELLVEMGHDAPWNVNDL\*CSRKLVGHSLLWGACVEGSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSEIGKCDRKF\*HVEK\*HGRTNA\*GYNQFVGSKFKAMCKINPTLCYSKLH\*LCEYQ\*H\*CHYQWQGSDRGRNEKLLFQYHHRQKR\*VEKGICSFL\*T\*CNANRK\*K\*\*\*L\*VDKL\*HLSNYTSLSKGIL\*TNSYTLLCPGWFCDSKV\*\*\*TVQWNGTM\*KCQHSTMYTWN\*ASSINSTTVKWQPSRGRHSN\*V\*KFHKQC\*NHNSTAEQNCNNKLCKT\*QQYKKRYTYRTRGSTLCNRTNNRKYKTSTL\*HQYRKLE\*NFKSGKGKVKRTVWEYNNNIL\*SILRRGSRNYHAQF\*L\*RGIFLL\*YITAI\*YITSI\*\*ES\*KAK\*WHYHTPM\*NKTNYKPVAGSRESNVCPSHQWTN\*LFIRNYRAAINKRWW\*\*\*\*HQ\*HPRGLQTWRRRYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSSGNRSYIPWVLGSSRKHYGRSVNNADGTGQAIIVWYSATAEQFAESYRGATASVAAHSLGH\*AAPGKNPGCGKIPKGPTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NHDRYLG\*HDLDGVG\*RN\*QLHKLNIHFN\*RIAEPTRKE\*TRITRIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVPDPPPNSEGTRQARRNRRKRWRARQRQIKSL

>B.2008.JQ403083.chronic

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSQTHQDSLSKQ\*VVHVMPSLYILTIVALVVASILAIVVWSIVFIEYRKILRQKRIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVNDM\*CYRKTVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRKT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLQ\*FE\*CEYQQ\*YEY\*Q\*YEYQQ\*YEYQQ\*\*LGGIRNEKLLFQCLCRHEG\*DAERICTVL\*N\*YNING\*\*Y\*I\*VDKL\*HLSPYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWNRTMYKCQHSTMYTWN\*ASGINSTAVKW\*SSRKRGSN\*IQQFLR\*C\*NHNSTAE\*NSNN\*LHKTQQQYQKKYTHSTRQGIFCNRTHNRRYKKSTL\*C\*\*SRME\*HFRTDSYKTKRAIWE\*NNSL\*SIFRRGPRNCKAQF\*LWRGIFLL\*FNKTV\*\*YLVY\*WEYYWRAN\*H\*RKWYNHTPMQNKTSDKHVAGSRKSNVCPSHQRNN\*LFIKYYRANINKGWW\*RERDQRDRDLQTWRRRYEG\*LEK\*II\*I\*SSET\*TIRNSTHQGKEKSGAKRKKNSGTRSYVPWVLGSSRKHYGRSVSDADGTGQTTIVWYSATAEQFAEGY\*GATAYVATHSLGHQAATGKNPGCGKIPKGSTAPRDLGLFWKTHLHHQCALEY\*LE\*\*VSGSDLGEHDLDGVGKRN\*\*LHKHNIHLNCRIAKPTRQK\*TRVIGIR\*MGKFVGLV\*HNKLAVVYKNIYNDSRRVDRSKNSFYCAFYNK\*S\*AGILTTIVPDPPPSSEGTRQARRNRRRRWRARQRQIASI

>B.2008.JQ403084.chronic

MEPVDPRLEPWKHPGSQPKTACTGCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRTHQDNQDHQVPLSKQ\*VVHVMQPLEISAIVALVVATLIAIVVWTIVLIEYRKILRQRKIDRLIERIRERTEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CYTIVGHSVLWGTCVERSKHHSLLCIRC\*SI\*DREA\*CLGHTCLCTHGPQPTRNSIGKCDRKF\*HVEK\*HGRTDAGGHNQFMGSKSKAMCRINPTLCYLKLH\*LAGK\*Y\*YY\*Y\*C\*\*Y\*SY\*\*\*YWENNGRGRNKKLLFQYYHKHKR\*VSERICTFL\*T\*HRTNR\*\*\*Y\*I\*Y\*L\*Y\*L\*VDKL\*HLSHYPGLSKSLL\*TNSHTLLYPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSTTVKWQPSRRRDSN\*I\*KLLEQC\*NHNSTAE\*ICSN\*LYKTPQ\*YKKKYTYGTRESTFCNRRHNRRYKTSTL\*H\*RNRME\*NFKSDKDKIKRTI\*\*YNSL\*SILRRGPRDCNAQF\*LWRGIFLL\*YNTAV\*\*\*YLEWD\*D\*RAK\*K\*NYHTPMQNKTNYKHVAESGQSNVCPSHQRTD\*MFIKYYRAAINKRWWYPEQRYPGQ\*DRDLQTCRRRYEGQLEK\*II\*I\*SSTN\*ASRSGTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*GATAFVATHSLGH\*TAPSKSPGCGKIPKGSTAPRALGLLWETHLPHCCALEY\*LE\*\*KSECDLG\*HDLDGVGKRN\*QLYKNNI\*LN\*RIAKPTRKE\*TGAFGTGPMGKFVELV\*NNKMAVVYKNIHNDSRRLGRFKNNFYCTVYSE\*S\*AGILTLIVSDPPPNPGGTRQARRNRRRRWRERQRQIQSL

>B.2008.JQ403085.chronic

MEPVDPSLEPWQHPGSQPKTACTNCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRNPQDSETNQASLSKQ\*VLHVMQSLVIAAIVALIVVGLLAIAVWTIVFLEYRKILRQRRIDRLIERIRERAEDSGNESEGDQDELSALVGMGHLAPWNVDDL\*WYRKIVGHSLLWGTCVEGGNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRNRIECDRKF\*HVEK\*HGRTDAGGYNQSMGSKPKAMCKIDPTLCYFELQ\*CWWH\*CY\*YHWCH\*HH\*\*\*HGNNREGRNEKLFFQCH\*YPKR\*GADRICTVL\*T\*CSINKR\*\*Y\*L\*VDKL\*HLNHYTSLSKSIF\*ANSHTLLCPGWFCTSKV\*G\*EVQWNRAM\*QCQHSTVYTWN\*ASSINSTTVKWQSSRRRDSN\*I\*KFHKQC\*NHNSTAEGTCKNYLYKTR\*QYKKKYTYRTRESILYNRTNNRRYKKSIL\*H\*\*SRLE\*NFTKGSYQIKGTI\*K\*NNNL\*SILRRGPRNCNAQF\*L\*RGIFLL\*YITTV\*GYLVD\*\*YLG\*WYLDK\*H\*QK\*QHHTPMPNKTNCKLVAGSRKSNVCPSHQRRNSLYIKYYRAVINKRWWPECNQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVTDADGTGQAIIVWYSATAKQLAESY\*GATAPVATHSLGHQAAPGKSPGCRKIPKGSTALGNLGLLWKTHLHHCCALEY\*LE\*\*\*NKFESDLGQNDLDAVGKGN\*QLHRLNIQLN\*RIAEPAGKE\*TRIIGIG\*MGQLVELV\*YNKLAVVYKNIHNDSRRLDRFKNSFCCAFYSK\*S\*AGILTSVVSDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JQ403086.chronic

MEPVDPNLEPWKHPGSQPKTACTPCYCKRCCYHCQKCFITKGLGISYGRKKWRQRRRAPEDSKTHQDHLSKQ\*VVYVMQPLTILAIVALVVAIIIAIVVWSIVFIEYRKIRKQRKIDRLLDRIIDRAEDSGNESDGDQEELSAILEMGHLAPWVIND\*\*CYRRVVGHSLLWGTCVERSIHHSILCIRC\*SI\*YRGT\*CLGYTCLCTHRP\*PTRSGIGKCDRKF\*HVEK\*HGRTDA\*GCN\*FMGSKLEAMCKINSTLCHFKLH\*F\*K\*Y\*YC\*Y\*\*\*NDRRNKKLLFQYHNKHK\*GTERICIF\*\*T\*CSTNK\*W\*QYQYHI\*VNKL\*YLSHYTGLSKDNL\*ANSYTLLYPSWFCDSKV\*\*\*NI\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVKWQSSRRRGSN\*I\*EFHGQCKNHNSTPK\*ICRN\*LHKTRQQYKKRDTFRTRENHLCNRSHNRRYKTSTLQH\*\*RKME\*HFKKNS\*KVKKTIW\*E\*NNSL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*CLE\*Y\*G\*\*YCRVK\*QYTYHTPMQNKTNYKHVAGSRKSNICPSHQRTD\*MFIKYYRATINKRWW\*\*QHQ\*DRDLQASRRRYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAKRKKSSGSNRSYVPWVLGNSRKHYGRSVSDADGTSQTIIVWYSATAKQLAEGY\*GATTSVATHSLGHQTAPGESPGCGKIPKGSTAHGDLGLLWKAHLHHCCALE\*\*LEWE\*NSK\*NLG\*HDLDAVGKRN\*QLHRINIQFN\*RIAKPTRKE\*TRLISIG\*VGKSMELV\*HI\*VVVVYKNIHNNSRRLDRFKNSVCCIFYSE\*S\*AGILTTIVSDPLPSPEGTRQARRNRRRRWRERQRQIRQI

>B.2008.JQ403087.chronic

MDPVDPRLEPWKHPGSQPKTPCTPCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRTPQDSQAHQVPLSKQ\*VIYVMQSIQILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRISERAEDSGNESDGDQEELSALMERGHLAPWNVDDL\*CCRKFVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRVEKCDRKF\*CVGGK\*HGRTDASGYNQFMG\*KPKTMCKINSTLCHFKLHQFKYH\*YQCY\*YL\*Y\*YL\*\*GRNEKLLFQYHHRRKR\*GNRKSCIILYT\*YSTNS\*GHD\*YDL\*IDKL\*HLNHYTSLSKGIL\*ANSHTLLCPGWFCDSKVY\*\*DIQWIRTMHKCQHSTMYTWN\*ASSINSTAVKWQPSRRRHNN\*V\*KYHRQY\*NHNSASK\*IYTD\*LYKTKQQYKEKYIYRTRESIFHNRRCNRRYKESTVYSQFYTME\*HFKKDSYKIKRKIWGEQNNSLYKFLRRGPRNCNAQF\*LWRRIFLL\*YNTTV\*\*YLDK\*WYLEGY\*RVRFK\*HCHTPMQNKTNHKQVARSRKSNICPPHRRTT\*VHIKYYRAAINKRWWYY\*HHQGQ\*DLQTWRRRHEGQLEK\*VI\*I\*SSKN\*TIRNSALQGKEKSGAKRKKSSGVRSLVPWVLGSSRKHYGRSIIDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGFGKIPKGPTAPG\*LGLLWKTHLHHYCALEF\*LE\*\*NL\*SDLEHDLDAVGKRN\*QLHRLNILLN\*SF\*KFFRKE\*TRIIGMG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCSNFYSE\*S\*AGIFTTVVSDPPPSSEGTRQARRNRRRRWRERQRQIRTY

>B.2008.JQ403088.chronic

MDPVDPRLEPWKHPGSQPQTPCTACYCKKCCFHCQVCFLKKGLGISYGRKKRRQRRRAPQDHPPNQVSLPKQ\*VIHVMQSLHIAAIVALVVAAILAIIVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*SYRKIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTGNKPRKCDRKF\*YVEK\*HGRTNAYGYNQFMGSKLKAMCKINPTLCHFKLH\*CECY\*HQ\*\*YFY\*HQ\*\*\*GRDRGSKKLLFQCHHKHKR\*DKERICTFL\*P\*YSTNR\*\*E\*\*E\*Y\*L\*VKKL\*HLNHYTSLPKSIL\*TNSHTLLRPGWFCDSKM\*\*\*EVQWKGSMYKRQHSTMYTWN\*ASSINSTAVKWKFSRRRGSN\*I\*KYLG\*Y\*NHNSTAEQFCNN\*LYKTQQQYKEKYNYRTRESILCNRTNYRRYKKSTLQH\*WGTME\*HLSPDSWKIKRTF\*\*NNNL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*\*LD\*YN\*RGREWHNHTPMQNKTNYKHVAGSRKGNVCPSHQRTY\*LFIKYYRVAINKRWW\*KQWE\*\*QRDLQTWRRRYERQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSDNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPSKSPSCGKIPKGSTAPGNLGLLGKTHLHHYCALEC\*LE\*\*NFNRHLG\*HDLDAVGKGN\*QLHRINIHLN\*TIAEPTRKE\*TGIIGIG\*MGKSVDLV\*HNKLAVVYKNIHNDSRRLDRIKNSFYCAFCSK\*S\*AGIFTTVISDPPPNPEGTRQARRNRRRRWRQRQRQINSL

>B.2008.JQ403089.chronic

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFITKGLGISYGRKKRRQRHRTPHGSKNHQASLPEQ\*VVYVMQSLQILAIVALVVVTIIAIVVWTLVGIEYRKIRRQRKLDRLIDRLIERAEDSGNESDGDREELAEMGYLAPWDVDDL\*CYRQVVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CVGHTCLCTHRPQPTRGSIGKCDRKF\*HVEK\*HGRTDARGYNQFMGSKPKAMCKTNPTLCYFKLH\*LHCQK\*CFNLH\*\*C\*SYDYC\*\*\*HGDTGNEKLLFQNHHRPER\*DKKRICTFL\*S\*YNANR\*\*\*YL\*VDKL\*YLSPYTGLSKGILYANSHTLLCPGWFCDSKM\*\*KEV\*WNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*ICQFLKQW\*NHNSTFK\*ICRN\*LYKTQQQYKKKYNGGTRQGILYNRRYNRRYKTSTL\*H\*\*SKME\*HFKTDSWKIKRAIWE\*\*NNNL\*PILRRGPRNCNTQF\*LCRRIFLLQYNKTV\*\*YLD\*E\*NCRD\*RK\*HNHNPMQNKTNYKHVAASRKSNVCPSHQRTH\*MLIKYYRTAINERWWYKPDQQYRDLQTWRRRYEGQLEK\*TI\*I\*SSAN\*TIRNSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPGDLGLLWKTHLHH\*CALEC\*LE\*\*ISRSDLAEHDMDGVGKRN\*\*LYRINIQIN\*RIAKPTRKE\*TRLIGIG\*MGKFVELV\*YIKLAVVYKNIHNDSRRLDRFKNSF\*CTFYSK\*S\*AGIFTIIVPDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2008.JQ403091.chronic

MEPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAPQDNKTYQASLSKQ\*VVHVMNSLKILAIVALVVAVILAIVVWSIVVIEYRKILRQRKIDRLIERISERAEDSGNESDGDQEELSALVEMGHHAPWDVNDL\*YYKKFVGHSILWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSFGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKTMCKINTTLCHFTLH\*SEE\*NQ\*CHY\*GNGKRNKKLLFQCHHKHKR\*NAKRTCIVL\*T\*CSANR\*\*\*YKL\*DDKL\*HLSHYTGLSKGIF\*TNSHTLLCPGWFCDSKV\*RS\*IQWNRTLYKCQHSTMYTWN\*ASSIHSTAAKWQPSRRCSS\*I\*KYHRQCQSHNNTAERTCRD\*LFKTQQQYKKKYTPRTRESILYNRRHNRGYKTSTL\*H\*\*YNME\*HFRTDSWKITRTF\*E\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*\*LG\*\*\*LG\*WE\*\*I\*RCQWHNNTPMQNKTNYKHVAGGRKSNVCPSHQGTN\*MHIKYHRADINKRWW\*KYK\*QQRDLQTWRRRYEGQLEK\*AI\*I\*GSKN\*TFRNSTHQGKEKGGAERKKSSGSRSFVPRVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQFAESY\*GATAYVATHSLGH\*AAPGKSPCCGKVPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISRSNLE\*HDLDGVGKGN\*QLHRVNIQIN\*RIAEPAGKE\*TRIIGIR\*MVKFVELV\*HIKLAVVYKNIHNDSRGLGRFKNSFYCAFYSE\*S\*EGILTNIVTDPPPNPAGTRQARRNRRRRWRERQRKIQSI

>B.2007.JQ403092.-

MEPVDPRLEPWKHPGSQPKTDCTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRSPQDSKAHQVPLSKQ\*VIHVMISLESLTILAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDQ\*CYRTNVGHSLLWSTCVERSKHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRS\*PARSSIKKCDRKF\*YVEK\*HGRSDA\*GYNQFMGSKPEAMCKINPTLCYFKLQ\*\*YYYS\*CYC\*YECYC\*YE\*N\*YEKLLFQCHHKHRKEGSERICTFLYT\*YNANNS\*\*\*YKLYIDKL\*HLSHYTGLSKNNL\*TNSHTLLRPGWFCDSKV\*\*\*AVQWNRTM\*KC\*HSTMYTWN\*ASGINSAAIKWQSSRRRGNN\*I\*KFLGQC\*KHNSTAE\*TCNN\*LYKTQQQYKKRYTPRTGAGNLGNRTSSRRYKTSTL\*P\*\*SKLEQHFRIDSYKIKRTI\*\*\*NNSL\*\*ILRRGPRNYNAQF\*LWGGVFLL\*YNTVI\*\*YLG\*WYLARVKWE\*YYHTPVQNKTDYKQVARSRKSNVCPSHQRNN\*MFIKNYRVNINKRWW\*R\*Q\*\*PRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSNTGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATTYIATHSLGHQAAPGKSPGCGKILTGSAAPRDLGMLWKTHLHHCCALEC\*LE\*K\*IIQGYLG\*HDLDAVGKRN\*KSYKLNIHPN\*RIAKPTRKE\*TRIIGIG\*VDKFVELV\*HNKVAVVYKNIHNDSSRFSRFKNSFYCTFYSK\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNI

>B.2007.JQ403093.-

MDPVDPRLEPWKHPGSQPKTACNNCYCKKCSYHCQVCFLNKGLGISYGRKKRRQRRRPHQGSQTHQVSLPKQ\*VVNVMVPLQIVAVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALMEMGHDAPWNVDDL\*CYRKVVGHSLLWGTCVERSNYYSILCIRC\*SICTRST\*CLGHTCLCAHRPQPTRDSIRKCDRKL\*HVEK\*HGRTDA\*GCNQSVGSKPKAMCKINPALRYFKLY\*YLEE\*YLSL\*QYH\*\*\*FDRRNKKLLVQYHHKHKR\*DTETICTFL\*T\*CSINRG\*\*\*E\*E\*LW\*L\*INKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*QNIQWNRTMYKCQHSTMHTWN\*TSSVNSITDKWQSSRRKDSN\*I\*KSREQC\*NHNSAAEEICIH\*LYKTQQQYKKKCKYRTRESMVCNRRGNRRYKTSTL\*P\*CKRME\*DSIPSS\*KIKRTI\*E\*NNNL\*FIIRRRPRNCNAQF\*LWRGIFLL\*YNRIV\*WYFE\*HWVE\*\*\*HWGKWNYHTPMQNKTNYKPVAGSRKSNVCPSHQRTN\*LFIKDYRAVINKRWWY\*\*RDHERHHRDL\*TWRRRYEGQLEKRII\*I\*SSKN\*TIRSSTHQGKEKSGAERKKRSGNTGSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAEGY\*GATASVATHGLGHQTAPGKSPSCGKIPKGSTAPRNLGLLWKTHLHHCCALEC\*LE\*\*ISA\*HLG\*HDLDAVGQRNCKLYKHNIHLN\*RITEPARKE\*TRIIGIG\*VGQFVELVFYNPLAVVYKNIHHNSRKLGRFKNSLCYTFSSK\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRQINAI

>B.2008.JQ403094.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFIQKGLGIFYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLEILAIVALVVAAVLAIIVWSIVLIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSTLVEMGHDAPWDVNDL\*CCRRFVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRNKIGKCDRRI\*HVEK\*HGRTNA\*RYN\*YMGSKFKAMCKINSTLCHFTLQ\*FKK\*D\*FQ\*Y\*Y\*IQYY\*RGKDGSRRNEKLLFQHHLRHKR\*GKGSTCSFLFN\*SSPNR\*\*\*T\*\*YQQHYQL\*VEKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWLCDSTM\*R\*KVQWIGTMSKCQHSTMYTWN\*ASSINSTAVKWQSGRRRYSN\*ISKFLKQCKNHNGTAERICRN\*LYKAQQ\*YKNKHTYRTRESILCNRRRTRRHKKSIL\*H\*\*SSME\*NFKKDSWEITRTL\*E\*NYNL\*PILRRGPRDCNAQF\*LCRGIFLL\*YITTI\*\*YLEY\*\*YLEYYWKAKYYREH\*HYHTPMQNKTNYKHVAGSRKSNVCPSHQRTNSV\*LKYYRAAINKRWW\*Y\*\*LRRT\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSAHQGKEKSGAERKKSSGNGSSVPWVLGNSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*CATASVAAHSLGHQAAPGKSPGCGKIPKGSTAPGALGLLWKTHLHHYCALEC\*LE\*\*ISRQDLEQHDLDAVGKRN\*QLHRLNIHLN\*RIAEPTRKERTRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIVVPDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.JQ403095.-

MEPVDPRLEPWEHPGSQPKTACTNCYCKKCCFHCQVCFINKALGISYGRKKRRQRRRPPQGSQTHQVALSKQ\*VYVMQALQITAIVALVVAIILVIVVWSIVLIEYRKILRERKIDRIIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDNL\*CYRKFVGHSLLWGTCVERSQHHSILCIRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRNGIEKCDRKI\*HVEK\*HGRTNA\*GYNQFMGSKLKAMCKINPTLCHFKLH\*\*CH\*\*\*H\*Y\*YH\*YYH\*\*\*QGRNKKLLFQYHHRNKR\*GKDRICTFLWT\*CSTNR\*EW\*YQL\*VEKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCASKV\*R\*EVQWNRSM\*RCQHSTMYTWN\*ASSINSTAFKWQSSRRRGSN\*I\*KFHRQC\*NHNSTAEQNCTN\*LYKTQQQYKKKYKYRTRESILCNRTNNRRYKTSTL\*P\*\*NRMGGHFKTDS\*KTKRTIWS\*\*NNSL\*SILGRGPRNCTAHF\*LWRGIFLL\*FNATV\*\*YLGY\*\*Y\*\*GK\*HWKYHTPMQNKTNYKHVAGSRKSNVCPSHRGTN\*MYIKYYRTVINKRWW\*\*HYHRDLQTWRRKYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAERKKSNRTGSYVPWVLGSSRKHHGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGESPGCGKIPKGSTAPGNLGLLWETHLHHCCALEY\*LE\*\*ISD\*HLE\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPARKE\*TRVIGIR\*MGKFVELV\*HNKLAVVYKNIHNGSRRLGRFKNSFCHTFYSK\*S\*AGIFTIIVADPLPSPEGTRQARRNRRRRWRERQRHIRSI

>B.2007.JQ403096.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFIRKGLGISHGRKKRRQRRRSPEGRKTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAIIAIVVWTIVFIEYRKILRQRRVDRLIERIVERAEDSGNESEGDQEELSALVGMGHDAPWDVVDL\*CYRPTVGHGLLWGTCVERSNHHSILCVRC\*SI\*RRGT\*CLGHACLCTHRP\*PTRSSAGKCDRKF\*HVEKYHGRTDA\*GYNQFMGSRPKAMCKINPTLCHFKLHY\*TYY\*\*QCYCGGKDGRRSKKLLFQCHRKHRK\*GAERTCNF\*\*P\*CSTNK\*\*E\*\*\*\*\*FKLYVDKL\*HHSHYTGLSKGIL\*TNSHTLLCPSWFCDSKV\*\*\*EV\*WNRTMHKCQHSTVYTWN\*ASSVNSTAIKWQSSRRRGSN\*I\*KSHEQC\*NHNSTAEGSCRN\*LYKTQQQYKKKYTYRTRKKILYKTNNRKYKTSTL\*R\*WGKME\*HFTSDSQKIKRTI\*EYNNSL\*SVRRRRPRNCNAQF\*LWGRIFLL\*YNTAV\*YYLE\*YK\*QWT\*Q\*NYHPPMQNKTNYKQVAGSRKSNVCPSHQRTN\*LFIKNYRAAVNKRWWY\*\*HK\*HK\*DRDLQTRGRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAKRKKSSGSDRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*LAEGY\*GATAPVAAHSLGHQAAPGKNPGCRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*IYRENME\*HDLDGVGKRN\*QLHRLNIHLT\*RIAEPTGKK\*TRIVGIG\*VGKFVELV\*HNKMAVVYKNIHNDSRRFNRFKNSFYCTFYSE\*S\*AGIFTIVIADPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.JQ403097.-

MDPVDPKLEPWKHPGSQPKTACNNCYCKVCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTHQVPLPKQ\*VVNVMQSLEILAIVALVVAIILAIVVWTIVFIEYRKIVRQRKVDRILNRIAERAEDSGNESEGDQEELSALVEERGHLAPWNINDL\*C\*RRVVGHSLLWGTCVERSNHHSILCLGC\*SI\*YRGA\*CLGNTCLCTHRPQPTRSSIRKCDRRF\*HMEK\*HGRTNA\*GYHQSMGSKFKAMCKINSTLCYFKLH\*RWWKECY\*YH\*D\*RKRRNKKLLFQYHHKHER\*GGETICMFF\*S\*CSTNRQY\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DI\*WKRIM\*QCQYSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*I\*EFHEQC\*NYNSTAE\*NYTN\*LHKTQQQYKKRYTHRTRESILWNRHNRRYKTSTL\*H\*\*GKLD\*CFKTGS\*QVKRKSI\*E\*NNSL\*SSLRRGPRNCNVQF\*LWRGIFLL\*LNTTV\*\*FLEWYSLEWYSLE\*Y\*\*HQ\*\*HHYTPMQNKTNYKLVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWL\*HDQWD\*GLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALE\*NLE\*\*ISGQDLAKHDLDAVGKRN\*QLHKLDIHIN\*RIAEPARKE\*TRIIGIRQVGKSVELV\*HIKLAVVHKNIYNDSRGLGRFKNSFYCTFYSE\*S\*AGILTTIVSDPPPSPEGTRQARRNRRRRWRERQRHIRSL

>B.2008.JQ403099.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTSCYCKKCCYHCQVCFITKGLGISYGRKKWRQRRRAPEDSKTHQDHLSKQ\*VVYVMHSSIILTIVAFVVAIILTIVVFVVIIIEYRKIRRQRKIDRLLDRIIERAEDSGNESDGDQEELSAILEMGHLAPWVINDE\*GRRRVVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRGT\*CLGYTCLCTHRP\*PTRSGIGKCDRKF\*HVEK\*HGRTDA\*GCN\*FMGSKLEAMCKINSTLCHFKLH\*FKK\*Y\*WN\*Y\*YYYEY\*\*RNERRDKKLLFQYHNKHK\*GTERICIF\*\*P\*CSTK\*\*C\*RQWHI\*VNKL\*YLSHYTGLSKDIL\*ANSYTLLYPSWFCDSKV\*Q\*NF\*WIRTMYECQHSTMHTWN\*TSSVNSTTVKWQSSRRRNSN\*V\*EFHEQCKSYNSTTK\*ICSN\*LHKAQQQYKKRDTPRTRANLLCNRSHNRRYKTSTL\*H\*\*GKLE\*YFKKNS\*EVKKTIW\*E\*NNSL\*SILRRGPRNCNAHL\*LWRGIFLL\*YIKTV\*\*YLA\*\*WYCRVK\*Q\*QYKYHTPMQNKTNCKHVAGSRKSNICPSHQRTN\*MFIKHYWAAINKRWW\*\*HHQWDRDLQAWRRRYEGQLEK\*IIQI\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAKQFAEGH\*GATTSVATHSLGH\*TAPGESPGCGKIPKGSTAPGDLGLLWKAHLHHYCALEC\*LEQE\*KPE\*YLE\*PDLDAVGKRN\*QLHRLNIQFN\*TIANPTRKE\*TRLISIGKVGKSMELV\*HN\*LAVVYKNIHNDSRRLDRFKNSFCYTFYSE\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRERQRQIRQI

>B.1999.JQ403100.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCTPCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHHNSETHQASLSKQ\*VVYVMQSLQILAIVALVVAAIIAIVVWSIVFIEYRRILRQRKIDRLINRIAERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTGNSIRKCDRKV\*HVEK\*NGRTDA\*GYNQFMGSKSKAMCQINPTLCYFKLH\*LEE\*Y\*YQ\*\*R\*\*P\*\*\*QGNARGRRSKKLFFQDHHKHKGYDTERICTFL\*T\*CSTNREN\*\*EL\*\*I\*VDKL\*HLSHYTSLSKDIL\*ANSHTLLCPGWFCDSKM\*R\*EVQWNRGM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IC\*SHRQC\*NHHSTAERTCRN\*LYKTHQQYEQRYTYRTRESILCNRTNKRRYKTSTL\*H\*\*SKME\*HFKTGSWKINRIF\*E\*NNKF\*SILRRGPRN\*NAQF\*LWRGIFLL\*DSTTV\*\*YLECV\*\*YLEWY\*KGK\*H\*RK\*HYHTPMQNKTNYKHVAGSRKSNVCPSHQRTD\*MLIKYYRAAVNKRWWQ\*RERNPRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTGSYVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLLWKANLHHCCTLEC\*LE\*\*IFQ\*NLDQHDLDGVGKRN\*QLHKLNIHLN\*RIAEPARKE\*TGIIGIR\*MGKFVELV\*HNKLAVVHKNIHNDSRRLGRFKNSFCCNVYSK\*S\*AGIFTIIVSDPIPSPEGTRQARRNRRRRWRARQRQIQSI

>B.2001.JQ403101.acute\_infection

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCFHCQVCFIQKALGISYGRKKRRQRRRPPQDSETHQTSLSKQ\*VVHVMQALVPLAIVALVVAVIIVIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELLMEMGHDAPWDINDL\*CRQFVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRGT\*YLGHTCLCTHRPRPTRSRLDKCDRRV\*HGEK\*HGRPDA\*GYNQSMGSKPKAMRKINPTLCYFILH\*C\*E\*H\*YYHGREKRNKKLLFQYHHNDER\*GAETICNF\*\*S\*CSTNRGG\*\*YQWDQLFQL\*VEKL\*HLNCYTGLSKSIL\*TNSNTLLCPSWFCDSKM\*R\*AVQWNRTMYKCQHSTMYTWN\*ASSINSAAVKWQSSRRRSSN\*I\*KFHRQC\*KHNSTAE\*TCRN\*LYKTQQQYKEKCTSRTRESILYNRRYNRRYKTSILYH\*WNKME\*HFTPDS\*KIKRTIWE\*\*NNSL\*SILRRGPRNCNA\*F\*LWRGILLL\*FNTTV\*\*YLECY\*RVI\*HWRKWHDHTPM\*NKTNYKYVAGSRKSNICPSHRRTNYLFIKHYRANINKRWW\*RWW\*CDEPGRNLQTRRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKRYGTRSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISRADLG\*YDLDAVGKRN\*QLHRLNIYLT\*KFAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCAFYSE\*S\*AGIFTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2002.JQ403102.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRTPQGSQTHQVSLPKQ\*VVHVMQPLHIAAIAALVVAAILAIIVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWIVNDL\*C\*R\*IVGHSILWGTCVERSNHHSILCIRC\*SI\*PRGS\*CLGHTCLCTHRPQPSRGSIGKCDRKV\*HVEK\*HGRTNA\*GYNQFVGSKPKAMCKINPTLCYFKMH\*VLWQE\*Y\*YH\*RYY\*PYP\*\*\*RGNRNKKLLFQHHHKLQRQEAKRICTFL\*T\*YSTNKG\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCNSKM\*\*\*EI\*WNRRM\*KCQHSTMYTWN\*ASSIYSATVKWQSSRRRNST\*I\*KFHKQC\*NHNSTPK\*SCRNKLYKSQQQYKKKYFYRTRKSILYNRRSHRRYKKSTL\*H\*\*HKME\*HFRTDS\*KIKRTIWQ\*NNNL\*SILRRGPRNCNAQL\*LWRGIFLL\*YNTTI\*\*\*LGCQWDYRVKCHRRR\*QDHPPMQNKTNCKHVAGSRKSNVCPSHQRKN\*LSIKYYRAAINKRWWA\*W\*WE\*QQQ\*DIQTWRRRYEGQLEK\*II\*I\*SSRN\*TIRTSTQQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSGSDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGENPGCGKIPTGSTAPGDLGLLWKTHLHHYCALEY\*LE\*E\*\*ISERSE\*DLGQPDLDGVGQRNCKLHRQDIHFA\*KSAKPAGKE\*TRFIGIRQMGQFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2004.JQ403103.acute\_infection

MEPVDPKLEPWRHPGSQPRTPCTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMQSLEIAAIVALVVAAIIAIVVWTIVLIEYRKILRQRQIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHDAPWIVNDM\*CYRTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRTEKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSEPKAMCKTNPTLCYFKLY\*\*IQYF\*YLKLY\*\*F\*ECNL\*\*GNRYEKLLFLCYCGNTG\*GKERICTFL\*P\*YSIHRGKG\*ER\*PHLQHL\*VDKL\*YLSHYTGLSKGNL\*ANSHTLLYPSWICTSKV\*G\*KVQWNRTMYKGQHSTMYTWN\*ASSVNSTTVKWQSSRRRDSN\*I\*KFHK\*C\*NHNSTAE\*SYKN\*LYKT\*\*QHKKKYTYSTRKSIFCNRRNNRRNKESTL\*H\*WRNME\*HFKKDSCKIKRTIWEE\*NNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YNKTV\*QYLED\*\*WYGD\*\*Y\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSYQRTN\*LFIKYYRAAINKRWWERQQHGRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGEEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQAIIVWYSAAAEQSAESY\*GATASVATHSLGHQAAPGKSSGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLE\*HDLDGVGKRD\*QLHKHNI\*PD\*KITKPTRTE\*TRIIGIR\*VVKFVELV\*YNTLAVVYKNIYNDSRRPDRFKNSLCCAYYSE\*S\*AGILTIVIPDPPPKPEGTRQARRNRRRRWRERQRRIQSI

>B.2004.JQ403104.acute\_infection

MDPVDPRLEPWNHPGSQPKTACTPCYCKKCCYHCPRCFLTKGLGISYGRKKRSQRRRAPQDSQTHQGPLPQQ\*VVHVMQPLEVLAIVALVVAAIIAIVVWSIVFIEWRKIVRQRKIDRLIDRIRERAEDSGNESEGDEEELSALVERGHLAPWDIDDL\*CRTTVGHSLLWGTCVERSKHHSILCIRC\*II\*YRGT\*CLGHTCLCTHRP\*PTRSRVGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCQINPTLCYFRLH\*VAQCYRNEKLLFQYHHRPKG\*DAENICASL\*T\*YSSNR\*\*\*\*Y\*QQ\*Y\*L\*VDKL\*HLSHYTSLSKDIL\*TNSHTLLCTSWLCDPEV\*RSYVQWNRTM\*KCQHSTMYTWN\*ASSINSITVEWQSSKRRGSN\*IRKYHGQC\*NHNSTAE\*ICTH\*LYKTQQQYKKKDYYGTRESTLYNRRNNRRYKKSTL\*H\*QSKMEQDSKTNSCKIKRTICE\*NNSL\*\*ILRRGPRDCNTQF\*LWRGIFLL\*YITTV\*\*HFQW\*\*EYKYY\*ERYNHTPM\*NKTNYKYVAGSRKSNVCPSHQWTN\*LYIKHYRPVINKRWWR\*QYHQH\*DLQTYRGKYEGQLEK\*II\*I\*SSKN\*TIRTSTLQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVDDADGTGQTIIVWYSATAEQSAESY\*GATTSVATHSLGHQAAPGKSPSCGKIPI\*STAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISGSHLG\*HDLDGVGKRNWQLYRLNIHLTSGLANPTRKE\*TRIISIG\*MGKFVELV\*HIKLAVVHKNIHNDSRRLNRFKNNFYCDYFSEES\*AGILTTIVADPPPSREGTRQARRNRRRRWRERQRQIRDI

>B.2002.JQ403105.acute\_infection

MEPVDPKLEPWKHPGSQPKTACNSCYCKKCCYHCPVCFTKKGLGISYGRKKRRQGRRTPLDSKSHQGSPSKQ\*VVYVMQPLIIVSIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVVEMGHDAPWDVDDL\*CCRTNVGHSLLWGTCVERSKYHFILCIRCSSI\*YRGT\*CLGHTCLCTHRPQPTRSTIGKCDRKF\*HVEKQHGRSDA\*GYNQFMGSKPKAMCKINSTLCYFKLQ\*YGGE\*Y\*YQ\*\*\*LG\*NGKGRNKELLFQYHHKHER\*DAETICTFL\*T\*CSTNRGR\*K\*YQL\*IDKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCASKM\*G\*EIQWNRTM\*KC\*HSTMYTWN\*ASSINSAVIKWQSSRKRGSNKI\*EFLE\*C\*NHNSTAEYICSNKLYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*KRLE\*HFKTDS\*KVKRTI\*E\*NNSL\*KFLRRGSRNCHAHF\*LCRGIFLL\*YNKTV\*\*YLV\*KWYK\*YLVCKWYK\*YWRGKQ\*YYHNPMQNKTIYKHVAGSRKSNVCPSHQWTD\*MFIKHYRAAINKRWW\*GQSNQQPGDLQTCRRRYEKQLEK\*II\*I\*SSKN\*TIRNSTHQGKKESGAERKKSSGNRSVVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPT\*STAPGNLGLLWKTHLHHCCALE\*\*LEQ\*ICG\*HLGKHDMDAVG\*GN\*\*LHKFNIHLN\*GIATPTRKE\*TRITGIR\*MGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNSFCCAFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2003.JQ403106.acute\_infection

MEPVDPKLEPWKHPGSQPKTPCNNCYCKKCCYHCQFCFIAKGLGIYYGRKKRRQRRRPPNDSQTHQVSLPKQ\*VVYVMQNLQILGIIALVLAAIIAIVVWTIVGIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELAGLVEMGHHAPWDVDDL\*CCKQLMGHSLLWGTCVERSRRHPILCIRC\*SI\*CRGT\*CLGHTCLCTHRPQPTRNRIEKCDRKF\*HVEK\*HGGTDA\*GYNQFMGSKPKAMCKINPTMCYLRV\*\*YIGEPDHQ\*RSQE\*\*DERRNKKLLFQYHHKYTK\*MAKRICTFS\*T\*SSTNR\*R\*\*\*\*TNRK\*\*\*\*CR\*\*\*Q\*\*\*\*P\*C\*\*LYTDKL\*YLSHYTGLSKGILSTNSYTLLCPGWFCDSKV\*\*\*GIQWNRTM\*KCQHSTMYTWN\*TSSVNPTVVKWQSSRRRGNN\*I\*KFHKQC\*NHNSTAEGACRN\*VYKTQ\*QYKKKYTYRARESILCNRRNNRRYKTSTL\*H\*WKKLE\*DFRKDS\*KIKRTIQ\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*YIKTVYLEEY\*QVT\*HWRK\*HNHTPMQNKTNHKYVAKCRKSNVCPSHQGTN\*MYIKYYRAANNKRWWSG\*\*NR\*\*Y\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTGSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWETHLHHCCALEL\*LE\*\*NL\*\*DLG\*HDLDGVGKRN\*QLHRPNI\*LT\*KIAEPARKE\*TRIIGTR\*VGKPVELV\*YNKMVVVYKNIHNDSGRLNRFKNSFCCAFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIRQI

>B.2004.JQ403107.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRTAPPDRQTNQAHLPRQ\*VVHVMHSLTIAAIVALVVAAILAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVERGHLAPWDIDDL\*CYRTIVGHSLLWGTCVERGNHHSVLCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRANA\*GYNQFMGSKPKAMCKINPTLCHFTLH\*L\*WYPYEFYWE\*H\*WLWGTDEIRRNEKLLFQCHHRNKR\*SEETICTFL\*T\*CSINR\*\*\*N\*EYQ\*\*\*YQ\*Y\*LY\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPSWFCDCKV\*\*\*EVQWNRIM\*KCQHSTMYTWNQASSVNSTAVKWQFSRRRYSN\*I\*KYLRQC\*NHNSTSE\*ICSN\*LYKTQ\*QYKKKYTYGTRESLFCNRRRNRRYKTSILYH\*\*NRMEYNFKTDSYKIRRTI\*E\*KNNL\*SLLRRGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*QLGGEWY\*RYYRVK\*HWRKYHTPM\*NKTDYKHVAGSRKSNVCPSHQWTN\*LFIKHYRATINKRWGS\*Q\*H\*RERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TTRSSTHQGKEKSGAERKKSNGTRSYVHWVLGSSRKHYGRSVSDADGTGQTITVWYSAPAEQSAESY\*GATAYVATHSLGHQATPGKNPGCGKIPKGSTAPRNLGMLWKTHLHHCCALEY\*LE\*\*\*NL\*\*HLE\*PDLDAVGKTN\*QLHRHNI\*LT\*KIANPTRNK\*KGIIGIGQVGKFVELV\*HLKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*G\*AGILTIVISDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2004.JQ416158.-

MEPVDPSLEPWKHPGSQPRTACSNCYCKKCCLHCQKCFLTKGLGISYGRKKRRQRRRAPGNSQAHQDPLSKQ\*VVYVMPPLYILTIVALVVAAILAIIVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSKLMEMGHLAPWDVDDL\*GCRQLVGYSLLWGTCVERSNHHSILCIRC\*RIC\*RGT\*CLGHTCLCTHRP\*PTRNTIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKSKAMCKTNPTLCYLKLQ\*LGKGKCY\*\*C\*\*\*SK\*Q\*\*\*\*IKDGERRIKKLLFQCHHKHKR\*DTERICTFL\*T\*CSTNRG\*\*Y\*L\*VNKL\*YLSHYSSLSKGNL\*ANSHTLLCPSWFCTSKM\*G\*VIQWNRTM\*KCQHSTMYTWNYASSVNSTAVKWQPSRKRGSN\*ICQSLRQY\*KHNSTSERICKD\*LYKAQQQYKKKYKYRTRESIYYNRSYNRRYKASTL\*H\*\*RKMEQNFTNGS\*KIKRKI\*K\*NNSL\*TPLRRGPRNCNA\*FQLWRGIFLL\*YITTV\*\*YLALE\*YCKQHWRK\*HNHTPMQDKTNCK\*VAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWRSD\*QPDWEPDRDFQTWRRRYKR\*LEK\*IIQI\*SSTN\*TIRSSSH\*GKEKSGAERKKSTNTGSCVPWVLGNSRKHYGRSVTNADGTGQTIIVWYSAAAEQSAESY\*GATTFVATHSLGHQAAPGKSPGCGEIPKGPTAPRNLGLLGKTHLHH\*CALE\*NLEQLQKSDSDLG\*HDLDTVGKRN\*QLHRLHILFN\*TIAKPTRKE\*TRIIGIR\*VGKFVELV\*HNKMAVVYKNIHNDNRRLDRFKNSFYYTFYSE\*S\*EGILTIIISDPLPSPGGTRQARRNRRRRWRARQRTIREI

>B.2004.JQ416159.-

MEPVDPSLEPWKHPGSQPRTACSNCYCKKCCLHCQKCFLTKGLGISYGRKKRRQRRRAPGNSQAHQDPLSKQ\*VVYVMPPLYILTIVALVVAAILAIIVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSKLMEMGHLAPWDVDDL\*GCRQLVGYSLLWGTCVERSNHHSILCIRC\*RIC\*RGT\*CLGHTCLCTHRP\*PTRNTIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKSKAMCKTNPTLCYLKLQ\*LGKGKCY\*\*C\*\*\*SK\*Q\*\*\*\*IKDGERRIKKLLFQCHHKHKR\*DTERICTFL\*T\*CSTNRG\*\*Y\*L\*VNKL\*YLSHYSSLSKGNL\*ANSHTLLCPSWFCTSKM\*G\*VIQWNRTM\*KCQHSTMYTWNYASSVNSTAVKWQPSRKRGSN\*ICQSLRQY\*KHNSTSERICKD\*LYKAQQQYKKKYKYRTRESIYYNRSYNRRYKASTL\*H\*\*RKMEQNFTNGS\*KIKRKI\*K\*NNSL\*TPLRRGPRNCNA\*FQLWRGIFLL\*YITTV\*\*YLALE\*YCKQHWRK\*HNHTPMQDKTNCK\*VAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWRSD\*QPDWEPDRDFQTWRRRYKR\*LEK\*IIQI\*SSTN\*TIRSSSH\*GKEKSGAERKKSTNTGSCVPWVLGNSRKHYGRSVTNADGTGQTIIVWYSAAAEQSAESY\*GATTFVATHSLGHQAAPGKSPGCGEIPKGPTAPRNLGLLGKTHLHH\*CALE\*NLEQLQKSDSDLG\*HDLDTVGKRN\*QLHRLHILFN\*TIAKPTRKE\*TRIIGIR\*VGKFVELV\*HNKMAVVYKNIHNDNRRLDRFKNSFYYTFYSE\*S\*EGILTIIISDPLPSPGGTRQARRNRRRRWRARQRTIREI

>B.2004.JQ416160.-

MEPVDPSLEPWKHPGSQPRTACSNCYCKKCCLHCQKCFLTKGLGISYGRKKRRQRRRAPGNSQAHQDPLSKQ\*VVYVMPPLYILTIVALVVAAILAIIVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSKLMEMGHLAPWDVDDL\*GCRQLVGYSLLWGTCVERSNHHSILCIRC\*RIC\*RGT\*CLGHTCLCTHRP\*PTRNTIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKSKAMCKTNPTLCYLKLQ\*LGKGKCY\*\*C\*\*\*SK\*Q\*\*\*\*IKDGERRIKKLLFQCHHKHKR\*DTERICTFL\*T\*CSTNRG\*\*Y\*L\*VNKL\*YLSHYSSLSKGNL\*ANSHTLLCPSWFCTSKM\*G\*VIQWNRTM\*KCQHSTMYTWNYASSVNSTAVKWQPSRKRGSN\*ICQSLRQY\*KHNSTSERICKD\*LYKAQQQYKKKYKYRTRESIYYNRSYNRRYKASTL\*H\*\*RKMEQNFTNGS\*KIKRKI\*K\*NNSL\*TPLRRGPRNCNA\*FQLWRGIFLL\*YITTV\*\*YLALE\*YCKQHWRK\*HNHTPMQDKTNCK\*VAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWRSD\*QPDWEPDRDFQTWRRRYKR\*LEK\*IIQI\*SSTN\*TIRSSSH\*GKEKSGAERKKSTNTGSCVPWVLGNSRKHYGRSVTNADGTGQTIIVWYSAAAEQSAESY\*GATTFVATHSLGHQAAPGKSPGCGEIPKGPTAPRNLGLLGKTHLHH\*CALE\*NLEQLQKSDSDLG\*HDLDTVGKRN\*QLHRLHILFN\*TIAKPTRKE\*TRIIGIR\*VGKFVELV\*HNKMAVVYKNIHNDNRRLDRFKNSFYYTFYSE\*S\*EGILTIIISDPLPSPGGTRQARRNRRRRWRARQRTIREI

>B.2004.JQ416161.-

MEPVDPSLEPWKHPGSQPRTACSNCYCKKCCLHCQKCFLTKGLGISYGRKKRRQRRRAPGNSQAHQDPLSKQ\*VVYVMPPLYILTIVALVVAAILAIIVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSKLMEMGHLAPWDVDDL\*GCRQLVGYSLLWGTCVERSNHHSILCIRC\*RIC\*RGT\*CLGHTCLCTHRP\*PTRNTIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKSKAMCKTNPTLCYLKLQ\*LGKGKCY\*\*C\*\*\*SK\*Q\*\*\*\*IKDGERRIKKLLFQCHHKHKR\*DTERICTFL\*T\*CSTNRG\*\*Y\*L\*VNKL\*YLSHYSSLSKGNL\*ANSHTLLCPSWFCTSKM\*G\*VIQWNRTM\*KCQHSTMYTWNYASSVNSTAVKWQPSRKRGSN\*ICQSLRQY\*KHNSTSERICKD\*LYKAQQQYKKKYKYRTRESIYYNRSYNRRYKASTL\*H\*\*RKMEQNFTNGS\*KIKRKI\*K\*NNSL\*TPLRRGPRNCNA\*FQLWRGIFLL\*YITTV\*\*YLALE\*YCKQHWRK\*HNHTPMQDKTNCK\*VAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWRSD\*QPDWEPDRDFQTWRRRYKR\*LEK\*IIQI\*SSTN\*TIRSSSH\*GKEKSGAERKKSTNTGSCVPWVLGNSRKHYGRSVTNADGTGQTIIVWYSAAAEQSAESY\*GATTFVATHSLGHQAAPGKSPGCGEIPKGPTAPRNLGLLGKTHLHH\*CALE\*NLEQLQKSDSDLG\*HDLDTVGKRN\*QLHRLHILFN\*TIAKPTRKE\*TRIIGIR\*VGKFVELV\*HNKMAVVYKNIHNDNRRLDRFKNSFYYTFYSE\*S\*EGILTIIISDPLPSPGGTRQARRNRRRRWRARQRTIREI

>B.2005.JQ416162.-

MEPVDPSLEPWKHPGSQPRTACSNCYCKKCCLHCQKCFLTKGLGISYGRKKRRQRRRAPGNSQAHQDPLSKQ\*VVYVMPPLYILTIVALVVAAILAIIVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSKLMEMGHLAPWDVDDL\*GCRRLVGYSLLWGTCVERSNHHSILCIRC\*RIC\*RGT\*CLGHTCLCTHRP\*PTRNTIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKSKAMCKTNPTLCYLKLQ\*LGKGKCY\*\*C\*\*\*SK\*Q\*\*\*\*IKDGERRIKKLLFQCHHKHKR\*DTERICTFL\*T\*CSTNRG\*\*Y\*L\*VNKL\*YLSHYSSLSKGNL\*ANSHTLLCPSWFCTSKM\*G\*VIQWNRTM\*KCQHSTMYTWNYASSVNSTAVKWQPSRKRGSN\*ICQSLRQY\*KHNSTSERICKD\*LYKAQQQYKKKYKYRTRESIYYNRSYNRRYKASTL\*H\*\*RKMEQNFTNGS\*KIKRKI\*K\*NNSL\*TPLRRGPRNCNA\*FQLWRGIFLL\*YITTV\*\*YLALE\*YCKQHWRK\*HNHTPMQDKTNCK\*VAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWRSD\*QPDWEPDRDFQTWRRRYKR\*LEK\*IIQI\*SSTN\*TIRSSSH\*GKEKSGAERKKSTNTGSCVPWVLGNSRKHYGRSVTNADGTGQTIIVWYSAAAEQSAESY\*GATTFVATHSLGHQAAPGKSPGCGEIPKGPTAPRNLGLLGKTHLHH\*CALE\*NLEQQQKSDSDLG\*HDLDTVGKRN\*QLHRLHILFN\*TIAKPTRKE\*TRIIGIR\*VGKFVELV\*HNKMAVVYKNIHNDNRRLDRFKNSFYYTFYSE\*S\*EGILTIIISDPLPSPGGTRQARRNRRRRWRARQRTIREI

>B.2002.JQ429433.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIHVMQSLYIISIVALVVAAILAIVVWSIVFIEYKKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWCVEDE\*CC\*IVGHSLLWGTCVERSNHHPILCII\*\*SI\*HRGT\*CLGHTCLCTHRPPPTTSSIGKCYRKF\*HVEKSHGRTDA\*R\*NQFMGS\*PKAMCKINSTLCYFKL\*\*F\*A\*EQ\*\*\*\*WYYSYY\*Y\*\*W\*SEGGRRNEKLLFQCYHNHQK\*ARICSFL\*T\*CSTSR\*YKLYIDKL\*LLSHYTGLSKGIL\*TNSHTLLYSGWFCYSTV\*\*\*\*VQWIRAMFKCRHSTMYTWN\*ASSINSTTVKWQPSRRRGSN\*I\*KFHKQC\*NHNSTAERICRN\*LYKAQQQYKKKHTYRPREYILCNRRRNRRYKTSTL\*H\*\*SKMEQHFKTDSYKIKRTI\*E\*NNSL\*SIRRRGLRDCNAQF\*LWRGIFLL\*YNKTV\*\*YLEWY\*RVQ\*NCRKWHNYTPMQNKTNYKQMAGSRKSNVCPSYQWTNKMFIKYYRAAINKRWGED\*GQRY\*DLQTWGRKYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSREHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGRSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*IPG\*YLE\*HDLDGVGQRN\*QLHKLHIHLT\*RIAEPTRKE\*TGLIGI\*\*MGKFVELV\*HITMAVVYKNIHNDSRRLGRFKNNFFCTFYSE\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRKRQRWIRSI

>B.2005.JX140652.acute\_infection

MEPVDPRLEPWQHPGS\*PRTACTTCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRSPQDSQTHQVSLPKQ\*VVHVMQPLIVASIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHHALWDVDDL\*CCRQQFVGHSLLWGTCVERSKPHSILCIRC\*SI\*YRGT\*CLGHSCLCTHRSQSTRNNVEKCVRKF\*HVEK\*HGRTDA\*GYNQFMGSKFKAMCKINPTLCHSKLHCCH\*\*\*WY\*YHRW\*\*DRRSKKLLFQCHHKHKR\*DAESICTFL\*P\*YSTNR\*\*\*L\*L\*IDTL\*YLSHYTSLSKDNL\*ANSHTLLCPGWFCDSKVQ\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSTVVKWHSSRRRHSN\*I\*EYHRQY\*NHNSTAEGTCRN\*VYKTQQQYKKKYTYRTRKSILCNRRNNRKYKASTL\*H\*\*RKMGENFRKDS\*QIKRTI\*EQHNNSL\*SICRRGPRNCNAQF\*LWRGIFLL\*FNATV\*\*YLAV\*\*YWE\*YNRKWYHHTPMQNKTNYKHVAGSRKSNVCPSHQRKH\*VFLKYYRVAINKRWW\*P\*ERDQHHQH\*GLQTWRRKYEGQLEK\*II\*I\*SNRN\*TIRNSTHQGKEKSGAERKKSSARSCIPWVLGSSRKHYGRSINDADGTGQTIIVWYSAAAKQLAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGPTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*ISE\*HLG\*HDMDGVGKRN\*\*LHRLNIQLN\*KIAEPARTE\*TRIIGIR\*VGKFVELV\*YNKLAVVYKNIHNNSRRLDRFKNSLYCTFCSE\*S\*AGILTFIISDPPPNPEGTRQARRNRRRRWRERQRHIRTI

>B.2008.JX140653.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRASQGSQTRQVSLPKQ\*VVHVMQPLQILAIVALVVVTIIAIVVWSIVFIEYRKIVRQRKIDRIIDRIRERAEDSGNESEGDQEALSALMERGHDAPWVIDDL\*CCRTIVGHSLLWGTCVERCRCHSILCIRC\*RIWYRGT\*CLGHTCLCTHRPQPTRSTIGKCDRSF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPALCYFKLH\*CGECY\*YQ\*CY\*YQE\*\*RGTHGERRNEKLLFQYHHKHKR\*DAEGICTFL\*T\*CSTNRQ\*\*\*Y\*\*\*L\*VDKL\*HLSHYTGLSKSIF\*ANSHTLLCPGWVCDSKV\*\*\*NVQWKRTM\*KCQHSTMYTWN\*TSSINSTVVEWQSSRKRGSN\*I\*QFLRQC\*NHNSTAERIYSN\*LYKTQQQYKKKYTYGTRRSVLCNRRCNRRYKKSILYC\*\*NQLEQNFTTGS\*KIRRTI\*K\*VNNL\*SLLRRGPRNCNAHF\*L\*RGIFLL\*FKRTV\*\*YLEAG\*\*YLGAG\*WYFGFNNKWYCQYHTPMQNKTNCKPVAGSRESNVCPSHQRAN\*LHIKYYRAAINKRWW\*\*QKPVH\*DLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVSDVDGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGESPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*E\*\*ISGGYLE\*HDLDGVGKRN\*\*LHRHNIQLN\*RIAEPARKE\*ARIVGIG\*MGKFVELV\*HITMAVVHKNIYNDSRRLGRFKNSFYCTFYSK\*S\*EGILTIIVSDPPPSPEGTQQARRNRKRRWRERQRQIRSL

>B.2008.JX140654.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCWHCQVCFMSKGLGISYGRKKRRQRRRAHQGSQIHQASLPKQ\*VIYVMQPLQILAIVGLVVAAIIAIVVWTIVGIEYRKILRQKKIDKLLDRIRERAQDSGNESEGDHEELSALLVEMGHHAPWDVDDL\*CCRPMVGHSLLWGTCVERSKPHFILCIRC\*NI\*NRGT\*CLGYTCLCTHRPQPTRKGIGKCDRRI\*HVEK\*HGRTDA\*GYNQFMG\*KPKAMCKINPTLCYFKLH\*CVDE\*N\*F\*DHS\*YLYSY\*CLYYL\*WGKDGGWRNEKLLFQCHHNPKRQDADRICTFL\*T\*CSTIR\*\*\*\*Y\*L\*VDKL\*LLNHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*GIQWNRNM\*ECQHSTVHTWN\*ASSVNSTAVKW\*SSRRRGSN\*IFQFLRQC\*NHNSTTK\*NCSNKLYKTRQ\*YKKKYNYGTRESILYK\*NNRKYKTSILYH\*RNKME\*HFTKNSCKIRRTV\*\*NRNSLYTLLRRGPRSCDAQL\*LWRRIFLL\*YNTTV\*\*CLE\*E\*E\*GYLEYQRVK\*\*HWRK\*HYHTPM\*NKTNYKHVAKSRKSNVCPSHQRTN\*LFIKYYRATINKRWW\*YQ\*H\*\*NLQTWRRRYEGQLEK\*IV\*I\*GSTN\*TIRISTHQGKEKSGTKRKKSSGDTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAEGY\*CATAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*\*ICRPNLG\*HDLDAMGKRN\*QLYRSNIQIT\*RIAEPARKE\*TRVIRIG\*VGKSVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCNFCSE\*S\*AGILTIIISDPLPNPEGTRQARRNRRRRWRQRQRHLDQI

>B.2008.JX140655.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTNCYCKQCCFHCQVCFIKKGLGISYGRKKRRQRRRTPQGSQTHQGALQTQ\*VVNVMQPLEIYAIVALVIVAIIAIVVWIIVFLEIRKILRQRRIDRLVSRIIERAEDSGNESDGDQQELLVEMGHDAPWDVDEL\*S\*\*QLMGHSILWGTCVERSNHHIILCIRC\*II\*YRGT\*CLGHTCLCTHRPQPTRSKIRKCDREI\*HVEK\*NGRSDARRYNQSMGSKPKAMCEINPTLCYFKLH\*IG\*Y\*NQCYTR\*RGNEKLLFQYHHKHKR\*DTKGICTFL\*TRYSINR\*G\*E\*YI\*VDKL\*YLSPYAGLSKGNL\*ANSNTLLCPGWFCNFQV\*R\*EVQWNRRLQKCQHSTVYTWN\*TSSVNSTAVKWQFSRRRDSN\*I\*KFHGQC\*NHNSTSE\*ISAN\*LYKAQQQYKKRYTYRTRENILCNRHNRRYKTSTL\*HK\*NTMG\*HFRKDS\*KIKRTI\*EQNNSL\*SILRRGPRNYNAQF\*LWRGIFLL\*YNTTI\*\*YLE\*N\*E\*N\*DREHK\*QYHTPMQNKTNYKPMAGSRKSNVCPSHQRTN\*LFIKYYRVTINKRWWHRKQRDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKESSNIGSSVPWVLGSSRKHYGRSVNDADGTGQTIINWYSATAEQSAESY\*GATAPVATHSLGH\*TAPGKSPGSGKIPTGSTAPRDLGLLWKTHLHH\*CALEY\*LEQ\*IYRSNLG\*HDLAGVGKRD\*QLYRHNIQLT\*NFAEPARTK\*TRIIEIGHVGKFVELV\*YIKVAVVYKNIHNDSRRLDRFKDNFYCAFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRQRQRHINTI

>B.2009.JX140656.acute\_infection

MEPVDPSLEPWKHPGSQPKTACNACYCKKCSWHCQVCFLKKGLGISYGRKKRRQRRRPPQDSQTHQVSLPKQ\*VVNVMQSIQILAIVALVVVTIIAIVVWTIVLLEYRKILRQRKIDRLIKRISERAEDSGNESEGDQEELSALVERGHDAPWDVDDL\*YCTKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGYTCLCTHRPQPTRSIIG\*CDRKF\*YVEK\*HGRTDARGYNQLMGSKLKAMCKINPTLCHFKLH\*CD\*EYC\*KQYY\*WRNKKLLF\*YLHRNKR\*DTERTCIFF\*T\*CSTNR\*\*W\*\*C\*QYKL\*ANTL\*HFSHYTGLSKDIL\*ANSHTLLYPGWFCASKV\*\*QEVQWNRTM\*KCQHSTMYTWN\*ASSVNPTAVKWQSSRRRGSN\*ICQFHRQC\*NHNSTAEGTCKN\*LYKTQQQYKKRYTNGTREGILCNRRHNRRYKASTL\*P\*\*NRMGESFKPDS\*KIKGTF\*KQNNKL\*FIFRRGPRNCNVHF\*LWRGIFLL\*YNETI\*\*DLE\*\*\*\*YYK\*YKFK\*LRYHTPMQNKTNYKQMAGSRESNVCPSHPRTN\*MFIKYYRDAINKRWWTWE\*N\*\*Y\*GIQTWRRRYEGQLEK\*II\*I\*SSKN\*TVRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSINDADGTGQTIIVWYSAAAKQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*\*IFRLYLE\*YDLDGMGKRN\*QSHKLHIHLN\*KSAKPTRKE\*TRIIRIGSVGKFVELV\*YIQLAVVYKNIHNNSRRLSRLKNSYGCTFCSKQS\*AGILTIVVADPPPSTEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX140657.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRPPQHSQTNQASLSKQ\*VIHVMNSLTIVAIVALVVAAILAIVVWSIVLIEYKKLLRQRKIDRLIDRIKEREEDSGNESEGDQEELAAILEMGHLAPWDVNDL\*CCRTRPTVGHSLLWGTCVERSNHHFILCIRCQSI\*\*RST\*CLGHTCLCTHRPQPTGNKIKCDRKL\*HVEK\*HGRTNA\*GYN\*FMG\*KPKAMCEINPTLCYFKLH\*FQWQ\*\*YQ\*Y\*EQ\*\*\*LGRDGRSKKLLFQHHHGIKR\*GKKGICIVL\*T\*CSTNR\*Y\*Y\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRAM\*KCQHSTMYTWN\*TSSINSTTVKWQSSRRRGNDQI\*KLHEQC\*NHNSTAEQVCRD\*LYKTWQQYKKKYNYGTRESILCNRRNNRKYKTSTL\*PQ\*SKME\*DFKTNRYKIKKAIWA\*\*NSL\*TTLRRGPRNCNAHC\*LWRGILLL\*YNTTV\*\*YLGE\*HFD\*WRIK\*H\*KYHTSMQNKTNYKHVAGSRKSNVCPSHRRKH\*LFIKYYRAAINKRWW\*WHKRDRDLQTRRREYEGQLEK\*II\*I\*SSTN\*TSRNSTHKGKEKSGAERKKSSGTRSCALWVLGSSRKHYGRSVTDADGTSQAIIVWYSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPQGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*QISR\*NLE\*HDLDAMG\*RN\*\*LHKYNIQLN\*KIAKPTRKE\*TGTIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNSFYYTFYSE\*S\*EGILTIIVSDPPPRQEGTRQARRNRRRRWRQRHRQIQQI

>B.2010.JX140658.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSKTHQNPLPKQ\*VVHVMFSLQIVAIVALVVAAILAIVVWTIVYIQYRKILKQRKIDRLIDRIIERTEDSGNESEGDQEELSALVDMGHDAPWNVNDL\*C\*RKIVGHSLLWSACVERSNHPSILCIRC\*SICH\*GT\*CLGHTCLCAHRS\*PTRGRFGKCNRRF\*HVEK\*HGRTDA\*GYNQFMG\*KPKAMCKINTTLCYFKLH\*LEA\*\*\*YY\*\*\*\*YQ\*\*CCQSGDRRGKKLLFQYLQNRK\*GRERTGTFL\*T\*CRTNK\*\*C\*YKLCKLCVNTL\*HLSH\*TSLSKGIL\*TNSHTLLCPGWFCDFKM\*G\*EVQWNRTM\*KCQYSTMYTWD\*ASSVNSTAVKWKPSRRRGSN\*I\*KSHRQC\*NHNSTAEYICTNYLYKTQQQYKKRNISRTGGSILYNRRYNRKYKTSTL\*C\*\*NKLA\*HFKTDSYKIKGKMA\*\*DNNL\*SILRRGPRNCNTQF\*LWRGILLL\*YIKTV\*\*HLAK\*WY\*W\*CYWRVK\*HYHTPMQNKTNYKQMAGSRKSNVCSSHQRSNQLYIKYYRTTVSKRWWD\*QQH\*\*DLQTWRRRYERQLEK\*IIQIQSSKT\*AIRSSTHRGKENSGAERKKSSRTRSYVPWVLGSSRKHDGRSVNNADGTSQTIIDWYSATAKQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISE\*HLEQHDLDAVGERN\*QLYRLNILLN\*RIANPTRKK\*TRIIEIGSVGKSMELV\*HNTMAVVYKNIHNDSRRFNRLKNSFCCAFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.2010.JX140659.acute\_infection

MEPIDPRLEPWRHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRTPQDSQTHQGALQTQ\*VVNVMQPLEIYAIVALVVVAIIAIVVWIIVFLEYRKILRQRRIDRIVNRIIERAEDSGNESDGDQQQLLVEMGHDAPWDVDEL\*S\*\*QFVGHSILWGTCVERSNHHIILCIRC\*II\*YRGT\*CLGHTCLCTHRPQPTRSKIRKCDREI\*HVEK\*YGRSDA\*RYNQPMGSKPKAMCEINPTLCYFKLH\*IDY\*W\*YNQCYKWY\*QCYNK\*RGNEKLLFQYHHKHKR\*DTKGICIFL\*PRYSINR\*\*\*\*\*YI\*GI\*VDKL\*YLSPYAGLSKGIL\*ANSNTLLCPGWFCNFKV\*\*\*EVQWNRRLQ\*CQYSTVYTWN\*TSSVNSTAVKWQSSRRRDSN\*I\*KFHEQC\*KHNSTSE\*ISAN\*LYKAQQQYKKRYTYRTRENILCNRSNRRYKKSTL\*HK\*NTME\*HFRKDS\*KIKRTIWEQNNWEQNNSL\*ALLRRGPRSCNAQF\*LWRGIFLL\*YNTTI\*\*YLAFEWN\*DRGHKYR\*QYHTPMQNKTNYKPVAGSRKSNVCPSHQRTN\*LFIKYYRVIINKRWWR\*Q\*HRNQRHRDFQTYRRRYERQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAEREKSSNIWSSVPWVLGSSRKHYGRSVNDADGTGQTIINWYSATAEQSAESY\*GATAPVATHSLGH\*TAPGKSSGSGKIPTGSAAPRDLGLLWKTHLHH\*CALEY\*LEQ\*NYRRNLE\*HDLAAVGKRD\*QLYRINIQLT\*NFAKPARTK\*TRIIKIGHVGKFVELV\*YIKLAVVYKNIHNDSRRLDRLKNNFYCAFYSK\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRQRQRHINTI

>B.2006.JX446795.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRSPQGSPTDQVSLPKQ\*VVNVMLSLESLKILAIVALVVVGIIAIIVWTIVLIEYRKLLRQKRIDRLIERIRERAEDSGNESEGDQEELSALVEMGHLVEMGHHAPWDVDDL\*CYRPNVGHSLLWCACMERSNHHFILCIRC\*STFHRGT\*CLGHTCLCTHRPQPTRSSIEKCDRRI\*CVEK\*HGRTNAGGYNQFMGSKPKAMCEINPTLCYLKLLRS\*LHKSE\*YFTLHSSEYY\*\*WDKRHEKLLFQCYHRDKG\*GAARLCNF\*\*T\*YSTNR\*\*\*\*E\*\*\*E\*\*L\*VDKL\*HLSHYTSLSKDVL\*TNSHTLLYPSWFCDSKV\*\*\*EVQWKRIMYKCQHSTMYTWN\*ASSVNSTAVKWQFSRRGGNNQILQFLGQC\*KHTSTAEKLCTN\*LYKTQQ\*YKKKYTYRTRENILCNRRYNRRYKKSIL\*H\*\*KRME\*HFRRDSWEIRKTI\*\*NNNSL\*PLLRRGPRNCNAQL\*LWRGILLL\*YNTIV\*\*YLV\*Y\*E\*YLE\*\*\*\*YWE\*YYYTHMQNKTNYKHVAASRKSDVCPSHQGTN\*LYLKYYRTDINKRWWP\*\*F\*QE\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAERKKSNRNTRSCVPWVLGNSRKHYGRSSSDADGTGQTIIVWYSATAEQSADGY\*GATASVATHSLGHQAAPGKSPRCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ILXGYLV\*HDLDAVGKRN\*QLHSTNI\*FN\*KITKPARNK\*KRFIGIR\*VGKFVELV\*HIKMAVVYKNIHNDSRRLNRVKNNFCCTFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWREKQRQIHSI

>B.2006.JX446796.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRSPQGSPTDQVSLPKQ\*VVNVMLSLESLKILAIVALVVVGIIAIIVWTIVLIEYRKLLRQKRIDRLIERIRERAEDSGNESEGDQEELSALVEMGHLVEMGHHAPWDVDDL\*CYRPNVGHNLLWCACMERSNHHFILCIRC\*STFHRGT\*CLGHTCLCTHRPQPTRSSIEKCDRRI\*CVEK\*HGRTNAGGYNQFMGSKPKAMCEINPTLCYLKLLRS\*LHKSE\*YFTLHSSEYY\*\*WDKRHEKLLFQCYHRDKG\*GAARLCNF\*\*T\*YSTNR\*\*\*\*E\*\*\*E\*\*L\*VDKL\*HLSHYTSLSKDVL\*TNSHTLLYPSWFCDSKV\*\*\*EVQWKRIMYKCQHSTMYTWN\*ASSVNSTAVKWQFSRRGGSNQILQFLGQC\*KHTSTAEKLCTN\*LYKTQQ\*YKKKYTYRTRENILCNRRYNRRYKKSIL\*H\*\*KRME\*HFRRDSWEIRKTI\*\*NNNSL\*PLLRRGPRNCNAQL\*LWRGILLL\*YNTIV\*\*YLV\*Y\*E\*YLE\*\*\*\*YWE\*YYYTHMQNKTNYKHVAASRKSDVCPSHQGTN\*LYLKYYRTDINKRWWP\*\*L\*HE\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAERKKSNRNTRSCVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSADGY\*GATASVATHSLGHQAAPGKSPRCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ILRGYLV\*HDLDAVGKRN\*QLHSTNI\*FN\*KITKPARNK\*KRFIGIR\*VGKFVELV\*HIKMAVVYKNIHNDSRRLNRVKNNFCCTFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWREKQRQIHSI

>B.2006.JX446797.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRSPQGSPTDQVSLPKQ\*VVNVMLSLESLKILAIVALVVVGIIAIIVWTIVLIEYRKLLRQKRIDRLIERIRERAEDSGNESEGDQEELSALVEMGHLVEMGHHAPWDVDDL\*CYRPNVGHSLLWCACMERSNHHFILCIRC\*STFHRGT\*CLGHTCLCTHRPQPTRSSIEKCDRRI\*CVEK\*HGRTNAGGYNQFMGSKPKAMCEINPTLCYLKLLRS\*LHKSE\*YFTLHSSEYY\*\*WDKRHEKLLFQCYHRDKG\*GAARLCNF\*\*T\*YSTNR\*\*\*\*E\*\*\*E\*\*L\*VDKL\*HLSHYTSLSKDVL\*TNSHTLLYPSWFCDSKV\*\*\*EVQWKRIMYKCQHSTMYTWN\*ASSVNSTAVKWQFSRRGGSNQILQFLGQC\*KHTSTAEKLCTN\*LYKTQQ\*YKKKYTYRTRENILCNRRYNRRYKKSIL\*H\*\*KRME\*HFRRDSWEIRKTI\*\*NNNSL\*PLLRRGPRNCNAQL\*LWRGILLL\*YNTIV\*\*YLV\*Y\*E\*YLE\*\*\*\*YWE\*YYYTHMQNKTNYKHVAASRKSDVCPSHQGTN\*LYLKYYRTDINKRWWP\*\*F\*QE\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAERKKSNRNTRSCVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSADGY\*GATASVATHSLGHQAAPGKSPRCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ILRGYLV\*HDLDAVGKRN\*QLHSTNI\*FN\*KITKPARNK\*KRFIGIR\*VGKFVELV\*HIKMAVVYKNIHNDSRRLNRVKNNFCCTFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWREKQRQIHSI

>B.2006.JX446798.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRSPQGSPTDQVSLPKQ\*VVNVMLSLESLKILAIVALVVVGIIAIIVWTIVLIEYRKLLRQKRIDRLIERIRERAEDSGNESEGDQEELSALVEMGHLVEMGHHAPWDVDDL\*CYRPNVGHSLLWCACMERSNHHFILCIRC\*STFHRGT\*CLGHTCLCTHRPQPTRSSIEKCDRRI\*CVEK\*HGRTNAGGYNQFMGSKPKAMCEINPTLCYLKLLRS\*LHKSE\*YFTLHSSEYY\*\*WDKRHEKLLFQCYHRDKG\*GAARLCNF\*\*T\*YSTNR\*\*\*\*E\*\*\*E\*\*L\*VDKL\*HLSHYTSLSKDVL\*TNSHTLLYPSWFCDSKV\*\*\*EVQWKRIMYKCQHSTMYTWN\*ASSVNSTAVKWQFSRRGGSNQILQFLGQC\*KHISTAEKLCTN\*LYKTQQ\*YKKKYTYRTRENILCNRRYNRRYKKSIL\*H\*\*KRME\*HFRRDSWEIRKTI\*\*NNNSL\*PLLRRGPRNCNAQL\*LWRGILLL\*YNTIV\*\*YLV\*\*\*E\*YLE\*\*\*\*YWE\*YYYTHMQNKTNYKHVAASRKSDVCPSHQGTN\*LYLKYYRTDINKRWWP\*\*F\*QE\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAKRKKSNRNTRSCVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSADGY\*GATASVATHSLGHQAAPGKSPRCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ILRGYLV\*HDLDAVGKRN\*QLHSTNI\*FN\*KITKPARNK\*KRFIGIR\*VGKFVELV\*HIKMAVVYKNIHNDSRRLNRVKNNFCCTFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWREKQRQIHSI

>B.2006.JX446799.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRSPQGSPTDQVSLPKQ\*VVNVMLSLESLKILAIVALVVVGIIAIIVWTIVLIEYRKLLRQKRIDRLIERIRERAEDSGNESEGDQEELSALVEMGHLVEMGHHAPWDVDDL\*CYRPNVGHNLLWCACMERSNHHFILCIRC\*STFHRGT\*CLGHTCLCTHRPQPTRSSIEKCDKRI\*CVEK\*HGRTNAGGYNQFMGSKPKAMCEINPTLCYLKLLRS\*LHKSE\*YFTLHSSEYY\*\*WDKRHEKLLFQCYHRDKG\*GAARLCNF\*\*T\*YSTNR\*\*\*\*E\*\*\*E\*\*L\*VDKL\*HLSHYTSLSKDVL\*TNSHTLLYPSWFCDSKV\*\*\*EVQWKRIMYKCQHSTMYTWN\*ASSVNSTAVKWQFSRRGGSNQILQFLGQC\*KHTSTAEKLCTN\*LYKTQQ\*YKKKYTYRTRENILCNRRYNRRYKKSIL\*H\*\*KRME\*HFRRDSWEIRKTI\*\*NNNSL\*PLLRRGPRNCNAQL\*LWRGILLL\*YNTIV\*\*YLV\*Y\*E\*YLE\*\*\*\*YWE\*YYYTHMQNKTNYKHVAASRKSDVCPSHQGTN\*LYLKYYRTDINKRWWP\*\*F\*QE\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAERKKSNRNTRSCVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSADGY\*GATASVATHSLGHQAAPGKSPRCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ILRGYLV\*HDLDAVGKRN\*QLHSTNI\*FN\*KITKPARNK\*KRFIGIR\*VGKFVELV\*HIKMAVVYKNIHNDSRRLNRVKNNFCCTFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWREKQRQIHSI

>B.2006.JX446800.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRSPQGSPTDQVSLPKQ\*VVNVMLSLESLKILAIVALVVVGIIAIIVWTIVLIEYRKLLRQKRIDRLIERIRERAEDSGNESEGDQEELSALVEMGHLVEMGHHAPWDVDDL\*CYRPNVGHSLLWCACMERSNHHFILCIRC\*STFHRGT\*CLGHTCLCTHRPQPTRSSIEKCDRRI\*CVEK\*HGRTNAGGYNQFMGSKPKAMCKINPTLCYLKLLRS\*LHKSE\*YFTLHSSEYY\*\*WDKRHEKLLFQCYHRDKG\*GAARLCNF\*\*T\*YSTNR\*\*\*\*E\*\*\*E\*\*L\*VDKL\*HLSHYTSLSKDVL\*TNSHTLLYPSWFCDSKV\*\*\*EVQWKRIMYKCQHSTMYTWN\*ASSVNSTAVKWQFSRRGGSNQILQFLGQC\*KHTSTAEKLCTN\*LYKTQQ\*YKKKYTYRTRENILCNRRYNRRYKKSIL\*H\*\*KRME\*HFRRDSWEIRKTI\*\*NNNSL\*PLLRRGPRNCNAQL\*LWRGILLL\*YNTIV\*\*YLV\*Y\*E\*YLE\*\*\*\*YWE\*YYYTHMQNKTNYKHVAASRKSDVCPSHQGTN\*LYLKYYRTDINKRWWP\*\*F\*QE\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAERKKSNRNTRSCVPWVLGNSRKHYGRSSSDADGTGQTIIVWYSATAEQSADGY\*GATASVATHSLGHQAAPGKSPRCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ILRGYLV\*HDLDAVGKRN\*QLHSTNI\*FN\*KITKPARNK\*KRFIGIR\*VGKFVELV\*HIKMAVVYKNIHNDSRRLNRVKNNFCCTFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWREKQRQIHSI

>B.2006.JX446801.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRSPQGSPTDQVSLPKQ\*VVNVMISLESLKILAIVALVVVGIIAIIVWTIVLIEYRKLLRQKRIDRLIERIRERAEDSGNESEGDQEELSALVEMGHLVEMGHHAPWDVDDL\*CYRPNVGHSLLWCACMERSNHHFILCIRC\*STFHRGT\*CLGHTCLCTHRPQPTRSSIEKCDRRI\*CVEK\*HGRTNAGGYNQFMGSKPKAMCEINPTLCYLKLLRY\*LHKSE\*YFTLHSSEYY\*\*WDKRHEKLLFQCYHRDKG\*GAARLCNF\*\*T\*YSTNR\*\*\*\*E\*\*\*E\*\*L\*VDKL\*HLSHYTSLSKDVL\*TNSHTLLYPSWFCDSKV\*\*\*EVQWKRIMYKCQHSTMYTWN\*ASSVNSTAVKWQFSRRGGSNQILQFLGQC\*KHTSTAEKLCTN\*LYKTQQ\*YKKKYTYRTRENILCNRRYNRRYKKSIL\*H\*\*KRME\*HFRRDSWEIRKTI\*\*NNNSL\*PLLRRGPRNCNAQL\*LWRGILLL\*YNTIV\*\*YLV\*Y\*E\*YLE\*\*\*\*YWE\*YYYTHMQNKTNYKHVAASRKSDVCPSHQGTN\*LYLKYYRTDINKRWWP\*\*F\*QE\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAERKKSNRNTRSCVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSADGY\*GATASVATHSLGHQAAPGKSPRCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ILRGYLV\*HDLDAVGKRN\*QLHSTNI\*FN\*KITKPARNK\*KRFIGIR\*VGKFVELV\*HIKMAVVYKNIHNDSRRLNRVKNNFCCTFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWREKQRQIHSI

>B.2006.JX446802.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRSPQGSPTDQVSLPKQ\*VVNVMLSLESLKILAIVALVVVGIIAIIVWTIVLIEYRKLLRQKRIDRLIERIRERAEDSGNESEGDQEELSALVEMGHLVEMGHHAPWDVDDL\*CYRPTVGQSIMVCLYGKKQPPLYFVHQMLKHIPQRHIMFGPHMPVYPQTPTHKK\*Y\*KM\*QKNLMCGKMTW\*NKCRRI\*SVYGIKA\*SHV\*N\*PHSVLP\*TAQILTAQIRIVLHTAQFRILLIVG\*ET\*KTALSMLPQR\*GIGCGKIMQFLINLI\*YQ\*IMIVGMIVGMIAIG\*\*IVTPQSLHKPVQRCPLNQFPYIIVPQLVLRF\*SVMIRSSMEKDHVQMSAQYNVHMELGQ\*CQLNCC\*MAV\*QKRR\*\*SDLTISRTMLKTY\*YS\*HFRRDSWEIRKTI\*\*NNNSL\*PLLRRGPRNCNAQL\*LWRGILLL\*YNTIV\*\*YLV\*Y\*E\*YLE\*\*\*\*YWE\*YYYTHXQNKTNYKHVAASRKSDVCPSHQGTN\*LYLKYYRTDINKRWWP\*\*F\*QE\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAERKKSNRNTRSCVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSADGY\*GATAXVATHSLGHQAAPGKSPRCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ILRGYLV\*HDLDAVGKRN\*QLHSTNI\*FN\*KITKPARNK\*KRFIGIR\*VGKFVELV\*HIKMAVVYKNIHNDSRRLNRVKNNFCCTFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWREKQRQIHSI

>B.2006.JX446803.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRSPQGSPTDQVSLPKQ\*VVNVMLSLESLKILAIVALVVVGIIAIIVWTIVLIEYRKLLRQKRIDRLIERIRERAEDSGNESEGDQEELSALVEMGHLVEMGHHAPWDVDDL\*CYRPNVGHSLLWCACMERSNHHFILCIRC\*STFHRGT\*CLGHTCLCTHRPQPTRSSIEKCDRRI\*CVEK\*HGRTNAGGYNQFMGSKPKAMCEINPTLCYLKLLRS\*LHKSE\*YFTLHSSEYY\*\*WDKRHEKLLFQCYHRDKG\*GAARLCNF\*\*T\*YSTNR\*\*\*\*E\*\*\*E\*\*L\*VDKL\*HLSHYTSLSKDVL\*TNSHTLLYPSWFCDSKV\*\*\*EVQWKRIMYKCQHSTMYTWN\*ASSVNSTAVKWQFSRRGGNNQILQFLGQC\*KHTSTAEKLCTN\*LYKTQQ\*YKKKYTYRTRENILCNRRYNRRYKKSIL\*H\*\*KRME\*HFRRDSWEIRKTI\*\*NNNSL\*PLLRRGPRNCNAQL\*LWRGILLL\*YNTIV\*\*YLV\*Y\*E\*YLE\*\*\*\*YWE\*YYYTHMQSKTNYKHVAASRKSDVCPSHQGTN\*LYLKYYRTDTNKRWWP\*\*F\*QE\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAERKKSNRNTRSCVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSADGY\*GATASVATHSLGHQAAPGKSPRCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ILRGYLV\*HDLDAVGKRN\*QLHSTNI\*FN\*KITKPARNK\*KRFIGIR\*VGKFVELV\*HIKMAVVYKNIHNDSRRLNRVKNNFCCTFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWREKQRQIHSI

>B.2006.JX446804.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRSPQGSPTDQVSLPKQ\*VVNVMLSLESLKILAIVALVVVGIIAIIVWTIVLIEYRKLLRQKRIDRLIERIRERAEDSGNESEGDQEELSALVEMGHLVEMGHHAPWDVDDL\*CYRPNVGHSLLWCACMERSNHHFILCIRC\*STFHRGT\*CLGHTCLCTHRPQPTRSSIEKCDRRI\*CVEK\*HGRTNAGGYNQFMGSKPKAMCEINPTLCYLKLLRS\*LHKSE\*YFTLHSSEYY\*\*WDKRHEKLLFQCYHRDKG\*GAARLCNF\*\*T\*YSTNR\*\*\*\*E\*\*\*E\*\*L\*VDKL\*HLSHYTSLSKDVL\*TNSHTLLYPSWFCDSKV\*\*\*EVQWKRIMYKCQHSTMYTWN\*ASSVNSTAVKWQFSRRGGNNQILQFLGQC\*KHTSTAEKLCTN\*LYKTQQ\*YKKKYTYRTRENILCNRRYNRRYKKSIL\*H\*\*KRME\*HFRRDSWEIRKTI\*\*NNNSL\*PLLRRGPRNCNAQL\*LWRGILLL\*YNTIV\*\*YLG\*Y\*E\*YLE\*\*\*\*YWE\*YYYTHMQNKTNYKHVAASRKSDVCPSHQGTN\*LYLKYYRTDINKRWWP\*\*F\*QE\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKRAIGTLGAVFLGFLGTAGSTMGAAAVTLTVQARQLLSGIVQQQNNLLMAIEAQQRLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTTVPWNTSWSNKSYEDIWYNMTWMQWEKEIDNYTALIYDLIEKSQNQQEINEKDLLELDKWASLWNWFDISKWLWYIRIFIMIVGGLIGLRIIFAVLSIVNRVRQGYSPLSFQTHLPTQRGPDRPEGIEEEGGERNRDRSTRL

>B.2006.JX446805.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRSPQGSPTDQVSLPKQ\*VVNVMLSLESLKILAIVALVVVGIIAIIVWTIVLIEYRKLLRQKRIDRLIERIRERAEDSGNESEGDQEELSALVEMGHLVEMGHHAPWDVDDL\*CYRPNVGHSLLWCACMERSNHHFILCIRC\*STFHRGT\*CLGHTCLCTHRPQPTRSSIEKCDRRI\*CVEK\*HGRTNAGGYNQFMGSKPKAMCEINPTLCYLKLLRS\*LHKSE\*YFTLHSSEYY\*\*WDKRHEKLLFQCYHRDKG\*GAARLCNF\*\*T\*YSTNR\*\*\*\*E\*\*\*E\*\*L\*VDKL\*HLSHYTSLSKDVL\*TNSHTLLYPSWFCDSKV\*\*\*EVQWKRIMYKCQHSTMYTWN\*ASSVNSTAVKWQFSRRGGSNQILQFLGQC\*KHTSTAEKLCTN\*LYKTQQ\*YKKKYTYRTXENILCNRRYNRRYKKSIL\*H\*\*KRMV\*HFRRDSWEIRKTI\*\*NNNSL\*PLLRRGPRNCNAQL\*LWRGILLL\*YNTIV\*\*YLV\*Y\*E\*YLE\*\*\*\*YWE\*YYYTHMQNKTNYKHVAASRKSDVCPSHQGTN\*LYLKYYRTDINKRWWP\*\*F\*QE\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAERKKSNRNTRSCVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSADGY\*GATASVATHSLGHQAAPGKSPRCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ILRGYLV\*HDLDAVGKRN\*QLHSTNI\*FN\*KITKPARNK\*KRFIGIR\*VGKFVELV\*HIKMAVVYKNIHNDSRRLNRVKNNFCCTFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWREKQRQIHSI

>B.2006.JX446806.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRSPQGSPTDQVSLPKQ\*VVNVMLSLESLKILAIVALVVVGIIAIIVWTIVLIEYRKLLRQKRIDRLIERIRERAEDSGNESEGDQEELSALVEMGHLVEMGHHAPWDVDDL\*CYRPTVGHSLLWCACMERSNHHFILCIRC\*STFHRGT\*CLGHTCLCTHRPQPTRSSIEKCDRRI\*CVEK\*HGRTNAGGYNQFMGSKPKAMCEINPTLCYLKLLRS\*LHKSE\*YFTLHSSEYY\*\*WDKRHEKLLFQCYHRDKG\*GAARLCNF\*\*T\*YSTNR\*\*\*\*E\*\*\*E\*\*L\*VDKL\*HLSHYTSLSKDVL\*TNSHTLLYPSWFCDSKV\*\*\*EVQWKRIMYKCQHSTMYTWN\*TSSVNSTAVKWQFSRRGGSNQILQFLGQC\*KHTSTAEKLCTN\*LYKTQQ\*YKKKYTYRTRENILCNRRYNRRYKKSIL\*H\*\*KRME\*HFRRDSWEIRKTI\*\*NNNSL\*PLLRRGPRNCNAQL\*LWRGILLL\*YNTIV\*\*YLV\*Y\*E\*YLE\*\*\*\*YWE\*YYYTHMQNKTNYKHVAASRKSDVCPSHQGTN\*LYLKYYRTDINKRWWP\*\*F\*QE\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAERKKSNRNTRSCVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSADGY\*GATASVATHSLGHQAAPGKSPRCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ILRGYLV\*HDLDAVGKRN\*QLHSTNI\*FN\*KITKPARNK\*KRFIGIR\*VGKFVELV\*HIKMAVVYKNIHNDSRRLNRVKNNFCCTFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWREKQRQIHSI

>B.2006.JX446817.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQACFLTKGLGISYGRKKRRQRRRPHPDSQTNQASLSKQ\*VIRVMQTLYILAIVALVVAVILAIVVWSIVFIEYRKIRRQKKIXRILDRIRERAEDSGNESEGDEEALAALVDGGHNAPWDVNDM\*CCRTIMGHSLLWGTCVERSNHHSILCIRC\*RIPHRGT\*YLGHTCLCTHRSQPARNSIRKCDRKV\*YVEK\*HGRANARGYNQFMGSKPKAMCKINPTLCYFTLH\*C\*GKYYKYY\*DP\*YERRDKKLLFQCHHNYKR\*DNKRTCTLL\*T\*CSTNRR\*\*\*\*\*Q\*YL\*IDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDCKV\*\*\*EFQWNRTM\*KCQHCTMYTWN\*ASSVNSIAIKW\*SSRRRCGN\*I\*KFHRQC\*NHNSTVE\*IGTN\*LYKTQQQYKKKYTYRARESILCSRRYNRRYKTSTL\*H\*\*\*KME\*SFRTDSYKIKRTLSE\*NNKI\*FIHRRGSRNCNAQF\*LWRGIFLL\*YIKII\*\*YLE\*YK\*\*QYK\*WHNHTPMQNKTNHKHVAASRKSNVCPSHPGTN\*LFIKYHRDTINKRWW\*WW\*YQRYRGLQTCRRGYEEQLEE\*IIQI\*SSTN\*TSRNSTHQGKEKSGAERKKSSNTRSYVPWVLGNSRKHYGRSVNSADGTGQTIVVWYSATAEQSAEGY\*GATASVATHGLGH\*TAPGKSPGCGKIPKRSTAPRALGLLWKTHLHH\*CALEH\*LE\*\*IYK\*HLEQHDLDTVGNRN\*QLHRLNIQLT\*TIAESARKK\*TRVIGIGQVGKFVELV\*YNKLVMVHKNIHNDSRRFDRVKNSFCCAFYSE\*S\*AGILTIIIPDPIPSPEGTRQARRNRRRRWKKRQRRIISI

>B.2006.JX446818.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQACFLTKGLGISYGRKKRRQRRRPHPDSQTNQASLSKQ\*VIRVMQTLYILAIVALVVAVILAIVVWSIVFIEYRKIRRQKKIDRILDRIRERAEDSGNESEGDEEALAALVDGGHNAPWDVHDL\*CCRTIMGHSLLWGTCVERSNHHSILCIRC\*RIQHRGT\*YLGHTCLCTHRSQPARNSIRKCDRKV\*YVEK\*HGRANARGYNQFMGSKPKAMCKINPTLCYFTLR\*CY\*GKYYKYY\*DP\*\*\*YERRDKKLLFQCHHNYKR\*DNKRTCTLL\*T\*CSTNRR\*\*\*\*\*Q\*YL\*IDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDCKV\*\*\*EFQWNRTM\*KCQHCTMYTWN\*ASSVNSIAIKW\*SSRRRCGN\*I\*KFHRQC\*NHNSTVE\*IGTN\*LYKTQQQYKKKYTYRARESILCSRRYNRRYKTSTL\*H\*\*\*KME\*SFRTDSYKIKRTLSE\*NNKI\*FIHRRGSRNCNAQF\*LWRGIFLL\*YIKII\*\*YLE\*YK\*\*QYK\*WHNHTPMQNKTNHKHVAASRKSNVCPSHPGTN\*LFIKYHRDTINKRWW\*WW\*YQRYRGLQTCRRGYEEQLEE\*IIQI\*SSTN\*TSRNSTHQGKEKSGAKRKKSSNTRSCVPWVLGNSRKHYGRSVNSADGTGQTIVVWYSATAEQSAEGY\*GATASVATHGLGH\*TAPGKSPGCGKIPKRSTAPRALGLLWKTHLHH\*CALEH\*LE\*\*IYR\*HLEQHDLDTVGNRN\*QLHRLNIQLT\*TIAESARKK\*TRVIGIGQVGKFVELV\*YNKLAMVHKNIHNDSRRFDRVKNSFCCTFYSE\*S\*AGILTIIIPDPIPSPEGTRQARRNRRRRWRERQRKINSL

>B.2006.JX446819.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQACFLTKGLGISYGRKKRRQRRRPHPDSQTNQASLSKQ\*VIRVMQTLYILAIVALVVAVILAIVVWSIVFIEYRKIRRQKKIDRILDRIRERAEDSGNESEGDEEALAALVDGGHNAPWDVHDL\*CCRTIMGHSLLWGTCVERSNHHSILCIRC\*RIQHRGT\*YLGHTCLCTHRSQPARNSIRKCDRKV\*YVEK\*HGRANARGYNQFMGSKPKAMCKINPTLCYFTLH\*C\*GKYYKYY\*DP\*YERRDKKLFFQCHHNYKR\*DNKRTCTLL\*T\*CSTNRR\*\*\*\*\*Q\*YL\*IDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDCKV\*\*\*EFQWNRTM\*KCQHCTMYTWN\*ASSINSIAIKWQSSRRRCGN\*I\*KFHRQC\*NHNSTVE\*IGTN\*LYKTQQQYKKKYTYRARESILCSRRYNRRYKTSTL\*H\*\*\*KME\*SFRTDSYKIKRTLSE\*NNKI\*FIHRRGSRNCNAQF\*LWRGVFLL\*YIKII\*\*YLE\*YK\*\*QYK\*WHNHTPMQNKTNHKHVAASRKSNVCPSHPGTN\*LFIKYHRDTINKRWW\*WW\*YQRYRGLQTCRRGYEEQLEE\*IIQI\*SSTN\*TSRNSTHQGKEKSGAKRKKSSNTRSCVPWVLGNSRKHYGRSVNSADGTGQTIVVWYSATAEQSAEGY\*GATASVATHGLGH\*TAPGKSPGCGKIPKRSTAPRALGLLWKTHLHH\*CALEH\*LE\*\*IYR\*HLEQHDLDTVGNRN\*QLHRLNIQLT\*TIAESARKK\*TRVIGIGQVGKFVELV\*YNKLVMVHKNIHNDSRRFDRVKNSFCCAFYSE\*S\*AGILTVIIPDPIPSPEGTRQARRNRRRRWRERQRKINSL

>B.2006.JX446820.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQACFLTKGLGISYGRKKRRQRRRPHPDSQTNQASLSKQ\*VIRVMQTLYILAIVALVVAVILAIVVWSIVFIEYRKIRRQRKINRILDRIRERAEDSGNESEGDEEALAALVDGGHNAPWDINDL\*CCRTIMGHSLLWGTCVERSNHHSILCIRC\*RIQHRGT\*YLGHTCLCTHRSQPARNSIRKCDRKV\*YVEK\*HGRANARGYNQFMGSKPKAMCKINPTLCYFTLH\*C\*GKYYKYY\*DP\*YERRDKKLLFQCHHNYKR\*DNKRTCTLL\*T\*CSTNRR\*\*\*\*\*Q\*YL\*IDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDCKV\*\*\*EFQWNRTM\*KCQHCTMYTWN\*ASSVNSIAIKW\*SSRRRCGN\*I\*KFHRQC\*NHNSTVE\*IGTN\*LYKTQQQYKKKYTYRARESILCSRRNNRRYKTSTL\*H\*\*\*KME\*NFRTDS\*KIKRTLSE\*NNKI\*FVHRRGSRNCNAQF\*LWRGIFLL\*YIKII\*\*YLE\*YK\*\*QYK\*WHNHTPMQNKTNHKHVAASRKSNVCPSHPGTN\*LFIKYHRDTINKRWW\*WW\*YQRYRGLQTCRRGYEEQLEE\*IIQI\*SSTN\*TSRNSTHQGKEKSGAERKKSSNTRSYVPWVLGNSRKHYGRSVNSADGTGQTIVVWYSATAEQSAEGY\*GATASVATHGLGH\*TAPGKSPGCGKIPKRSTAPRALGLLWKTHLHH\*CALEH\*LE\*\*IYR\*HLEQHDLDTVGNRN\*QLHRLNIQLT\*TIAESARKK\*TRVIGIGQVGKFVELV\*YNKLAMVHKNIHNDSRRFDRVKNSFCCTFYSE\*S\*AGILTIIIPDPIPSPEGTRQARRNRRRRWRERQRKIISL

>B.2006.JX446821.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRRPHPDSQTNQASLSKQ\*VIRVMQTLYILAIVALVVAVILAIVVWSXVFIEYRKIRRQRKINRILDRIRERAEDSGNESEGDEEALAALVDGGHNAPWDVNNL\*CCRTIMGHSLLWGTCVERSNHHSILCIRC\*RIQHRGT\*YLGHTCLCTHRSQPARNSIRKCDRKV\*YVAK\*HGRANARGYNQFMGSKPKAMCKINPTLCYFTLH\*C\*GKYYKYY\*DP\*YERRDKKLLFQCHHNYKR\*DNKRTCTLL\*T\*CSTNRR\*\*\*\*\*Q\*YL\*IDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDCKV\*\*\*EFQWNRTM\*KCQHCTMYTWN\*ASSVNSIAIKWQSSRRRCGN\*I\*KFHRQC\*NHNSTVE\*IGTN\*LYKTQQQYKKKYTYRARESILCSRRYNRRYKTSTL\*H\*\*\*KME\*SFRTDSYKIKRTLSE\*NNKI\*FIHRRGSRNCNAQF\*LWRGIFLL\*YIKTI\*QYLE\*YK\*\*QYK\*WHNHTPMQNKTNHKHVAASRKSNVCPSHPGTN\*LFIKYHRDTINKRWW\*WW\*YQRYRGLQTCRRGYEEQLEE\*IIQI\*SSTN\*TSRNSTHQGKEKSGAERKKSSNTRSYVPWVLGNSRKHYGRSVNSADGTGQTIVVWYSATAEQSAEGY\*GATASVATHGLGH\*TAPGKSPGCGKIPKRSTAPRALGLLWKTHLHH\*YALEH\*LE\*\*IYK\*HLEQHDLDTVGNRN\*QLHRLNIQLT\*TIAESARKK\*TRVIGIGQVGKFVELV\*YNKLVMVHKNIHNDSRRFDRVKNSFCCTFYSE\*S\*AGILTIIIPDPIPSPEGTRQARRNRRRRWRERQRRINSL

>B.2006.JX446822.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQACFLTKGLGISYGRKKRRQRRRPHPDSQTNQASLSKQ\*VIRVMQTLYILAIVALVVAVILAIVVWSIVFIEYRKIRRQKKIDRILDRIRERAEDSGNESEGDEEALAALVDGGHNAPWNVNDL\*CCRTIMGHSLLWGTCVERSNHHSILCIRC\*RIPHRGT\*YLGHTCLCTHRSQPARNSIRKCDRKV\*YVEK\*HGRANARGYNQFMGSKPKAMCKINPTLCYFTLH\*C\*GKYYKYY\*DP\*\*\*YERRDKKLLFQCHHNYKX\*DNKRTCTLL\*T\*CSTNRR\*\*\*\*\*Q\*YL\*IDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDCKV\*\*\*EFQWNRTM\*KCQHCTMYTWN\*ASSVNSIAIKW\*SSRRRCGN\*I\*KFHRQC\*NHNSTVE\*IGTN\*LYKTQQQYKKKYTYRARESILCSRRYNRRYKTSTL\*H\*\*\*KME\*SFRTDSYKIKRTLSE\*NNKI\*FIHRRGSRNCNAQF\*LWRGIFLL\*YIKII\*\*YLE\*YK\*\*QYK\*WHNHTPMQNKTNHKHVAASRKSNVCPSHPGTN\*LFIKYHRDTINKRWW\*WW\*YQRYRGLQTCRRGYEEQLEE\*IIQI\*SSTN\*TSRNSTHQGKEKSGAERKKSSNTRSYVPWVLGNSRKHYGRSVNSADGTGQTIVVWYSATAEQSAEGY\*GATASVATHGLGH\*TAPGKSPGCGKIPKRSTAPRALGLLWKTHLHH\*CALEH\*LE\*\*IYK\*HLEQHDLDTVGNRN\*QLHRLNIQLT\*TIAESARKK\*TRVIGIGQVGKFVELV\*YNKLAMVHKNIHNDSRRFDRVKNRFCCTFYSE\*S\*AGILTIIIPDPIPSPEGTRQARRNRRRRWRERQRRINSL

>B.2006.JX446823.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQACFLTKGLGISYGRKKRRQRRRPHPDSQTNQASLSKQ\*VIRVMQTLYILAIVALVVAVILAIVVWSIVFIEYRKIRRQKKIDRILDRIRERAEDSGNESEGDEEALAALVDGGHNALWDVNDL\*CCRTIMGHSLLWGTCVERSNHHSILCIRC\*RIPHRGT\*YLGHTCLCTHRSQPARNSIRKCDRKV\*YVEK\*HGRANARGYNQFMGSKPKAMCKINPTLCYFTLR\*CY\*GKYYKYY\*DP\*\*\*YERRDKKLLFQCHHNYKR\*DNKRTCTLL\*T\*CSTNRR\*\*\*\*\*Q\*YL\*IDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDCKV\*\*\*EFQWNRTM\*KCQHCTMYTWN\*ASSVNSIAIKW\*SSRRRCGN\*I\*KFHRQC\*NHNSTVE\*IGTN\*LYKTQQQYKKKYTYRARESILCSRRNNRRYKTSTL\*H\*\*\*KME\*NFRTDS\*KIKRTLSE\*NNKI\*FIHRRGSRNCNAQF\*LWRGIFLL\*YIKII\*\*YLE\*YK\*\*QYK\*WHNHTPMQNKTNHKHVAASRKSNVCPSHPGTN\*LFIKYHRDTINKRWW\*WW\*YQRYRGLQTCRRRYEEQLEE\*IIQI\*SSTN\*TSRNSTHQGKEKSGAKRKKSSNTRSYVPWVLGNSRKHYGRSVNSADGTGQTIVVWYSATAEQSAEGY\*GATASVATHGLGH\*TAPGKSPGCGKIPKRSTAPRALGLLWKTHLHH\*CALEH\*LE\*\*IYR\*HLEQHDLDTVGNRN\*QLHRLNIQLT\*TIAESARKK\*TRVIGIGQVGKFVELV\*YNKLVMVHKNIHNDSRRFDRVKNSFCCAFYSE\*S\*AGILTIIIPDPIPSPEGTRQARRNRRRRWRERQRRINSL

>B.2006.JX446824.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQACFLTKGLGISYGRKKRRQRRRPHPDSQTNQASLSKQ\*VIRVMQTLYILAIVALVVAVILAIVVWSIVFIEYRKIRRQKKIDRILDRIRERAEDSGNESEGDEEALAALVDGGHNAPWDINDL\*CCRTIMGHSLLWGTRVERSNHHSILCIRC\*RIQHRGT\*YLGHTCLCTHRSQPARNSIRKCDRKV\*YVEK\*HGRANARGYNQFMGSKPKAMCKINPTLCYFTLH\*C\*GKYYKYY\*DP\*YERRDKKLLFQCHHNYKR\*DNKRTCTLL\*T\*CSTNRR\*\*\*\*\*Q\*YL\*IDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDCKV\*\*\*EFQWNRTM\*KCQHCTMYTWN\*ASSVNSIAIKW\*SSRRRCGN\*I\*KFHRQC\*NHNSTVE\*IGTN\*LYKTQQQYKKKYTYRARESILCSRRYNRRYKTSTL\*H\*\*\*KME\*SFRTDSYKIKRTLSE\*NNKI\*FIHRRGSRNCNAQF\*LWRGIFLL\*YIKII\*\*YLE\*YK\*\*QYK\*WHNHTPMQNKTNHKHVAASRKSNVCPSHPGTN\*LFIKYHRDTINKRWW\*WW\*YQRYRGLQTCRRGYEEQLEE\*IIQI\*SSTN\*TSRNSTHQGKEKSGAERKKSSNTRSCVPWVLGNSRKHYGRSVNSADGTGQTIVVWYSATAEQSAEGY\*GATASVATHGLGH\*TAPGKSPGCGKIPKRSTAPRALGLLWKTHLHH\*CALEH\*LE\*\*IYR\*HLEQHDLDTVGNRN\*QLHRLNIQLT\*TIAESARKK\*TRVIGIGQVGKFVELV\*YNKLVMVHKNIHNDSRRFDRVKNSFCCAFYSE\*S\*AGILTIIIPDPIPSPEGTRQARRNRRRRWRERQRKINSL

>B.2006.JX446825.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQACFLTKGLGISYGRKKRRQRRRPHPDSQTNQASLSKQ\*VIRVMQTLYILAIVALVVAVILAIVVWSIVFIEYRKIRRQKKIDRILARIRERAEDSGNESEGDEEALAALVDGGHNAPWDVNDL\*CCRTIMGHSLLWGTCVERSNHHSILCIRC\*RIPHRGT\*YLGHTCLCTHRSQPARNSIRKCDRKV\*YVEK\*HGRANARGYNQFMGSKPKAMCKINPTLCYFTLR\*CY\*GKYYKYY\*DP\*\*\*YERRDKKLLFQCHHNYKR\*DNKRTCTLL\*T\*CSTNRR\*\*\*\*\*Q\*YL\*IDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDCKV\*\*\*EFQWNRTM\*KCQHCTMYTWN\*ASSVNSIAIKW\*SSRRRCGN\*I\*KFHRQC\*NHNSTVE\*IGTN\*LYKTQQQYKKKYTYRARESILCSRRNNRRYKTSTL\*H\*\*\*KME\*NFRTDS\*KIKRTLSE\*NNKI\*FVRRRGSRNCNAQF\*LWRGIFLL\*YIKII\*\*YLE\*YK\*\*QYK\*\*HNHTPMQNKTNHKHVAASRKSNVCPSHPGTN\*LFIKYHRDTINKRWW\*WW\*YQRYRGLQTCRRRYEEQLEE\*IIQI\*SSTN\*TSRNSTHQGKEKSGAERKKSSNTRSYVPWVLGNSRKHYGRSVNSADGTGQTIVVWYSATAEQSAEGY\*GATASVATHGLGH\*TAPGKSPGCGKIPKRSTAPRALGLLWKTHLHH\*CALEH\*LE\*\*IYK\*HLEQHDLDTVGNRN\*QLHRLNIQLT\*TIAESARKK\*TRVIGIGQVGKFVELV\*YNKLAMVHKNIHNDSRRFDRVKNSFCCTFYSE\*S\*AGILTIIIPDPIPSPEGTRQARRNRRRRWRERQRRINSL

>B.2007.JX447156.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMRKGLGIFYGRKKRRQRRRAPQGSETHQVSLPKQ\*VVNVMQTLTILAIVALVVAVIIAIVVWTIVLLEYRKILRQRKIERLIDRIRGRAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEQ\*HGRTDA\*RYNQFMGSKPKAMCKINPTLC\*AKLH\*SGGECY\*GL\*\*DEGRRRDEKLLFQCHHKHKR\*DKRLCTFL\*I\*CNTTRGK\*DQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLYPGWFCDYKV\*\*\*KVQGNRTM\*KCQYSTMYTWNKASSINSTAVKWQFSRRRDSN\*I\*KLHRQR\*NHNSTAE\*ICRN\*LYKTQQQYKEKYTSRTRESMVCNRRHNRRDKTSTL\*P\*\*HKME\*HFKTDS\*KIKRTIWEQNNSL\*SILRRGPRDCKAQF\*LWRGIFLL\*YITTV\*\*YLGC\*\*YLEWYWE\*YPRK\*HYHAPLQNKTNCKHVAGSRKSNVCPSYCRTN\*LFIKYYRVAINKRWW\*\*\*QYQRDLQTWRRKYEGQLEK\*II\*IQSSKN\*TIRSSTYQG\*EKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAESY\*GATTYVATHSLGHQATPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*IFG\*DLE\*HDLDGVGKRD\*QLHKRNIHLN\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNNFCCTFYSK\*S\*AGILTIVITDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2007.JX447157.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMRKGLGIFYGRKKRRQRRRAPQGSETHQVSLPKQ\*VVNVMQTLTILAIVALVVAVIIAIVVWTIVLLEYRKILRQRKIERLIDRIRGRAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEQ\*HGRTDA\*RYNQFMGSKPKAMCKINPTLC\*AKLH\*SSGECY\*GL\*\*DEGRRRDEKLLFQCHHKHKREDKRLCTFL\*I\*CNTTRGK\*DQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLYPGWFCDYKV\*\*\*KVQGNRTM\*KCQYSTMYTWNKASSINSTAVKWQFSRRRGSN\*I\*KLHRQR\*NHNSTAE\*ICRN\*LYKTQQQYKEKYTSRTRESMVCNRRHNRRDKTSTL\*P\*\*HKME\*HFKTDS\*KIKRTIWEQNNSL\*SILRRGPRDCKAQF\*LWRGIFLL\*YITTV\*\*YLGC\*\*YLEWYWE\*YPRK\*HYHAPLQNKTNCKHVAGSRKSNVCPSYCRTN\*LFIKYYRVAINKRWW\*\*\*\*YQRDLQT\*RRKYEGQLEK\*II\*IQSSKN\*TIRSSTYQG\*EKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAESY\*GATTYVATHSLGHQATPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*IFG\*DLE\*HDLDGVGKRD\*QLHKRNIHLN\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNNFCCTFYSK\*S\*AGILTIVITDPLXSPEGTRQARRNRRRRWRARQRQIREI

>B.2007.JX447158.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMRKGLGIFYGRKKRRQRRRAPQGSETHQVSLPKQ\*VVNVMQTLTILAIVALVVAVIIAIVVWTIVLLEYRKILRQRKIERLIDRIRGRAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERSNHHSILCIRC\*SIWYRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEQ\*HGRTDA\*RYNQFMGSKPKAMCKINPTLC\*AKLH\*SGGKCY\*GL\*\*DGERRRDEKLLFQCHHKHKR\*DKRLCTFL\*I\*CNTTRGK\*DQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLYPGWFCDYKV\*\*\*KVQGNRTM\*KCQYSTMYTWNKASSINSTAVKWQFSRRRGSN\*I\*KLHRQR\*NHNSTAE\*ICRN\*LYKTQQQYKEKYTSRTRESMVCNRRHNRRDKTSTL\*P\*\*HKME\*HFKTDS\*KIKRTIWEQNNSL\*SILRRGPRDCKAQF\*LWRGIFLL\*YITTV\*\*YLGC\*\*YLEWYWE\*YPRK\*HYHAPLQNKTNCKHVAGSRKSNVCPSYCRTN\*LFIKYYRVAINKRWW\*\*\*QYQRDLQT\*RRKYEGQLEK\*II\*IQSSKN\*TIRSSTYQG\*EKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAESY\*GATTYVATHSLGHQATPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*IFG\*DLE\*HDLDGVGKRD\*QLHKRNIHLN\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNNFCCTFYSK\*S\*AGILTIVITDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2007.JX447159.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMRKGLGIFYGRKKRRQRRRAPQGSETHQVSLPKQ\*VVNVMQTLTILAIVALVVAVIIAIVVWTIVLLEYRKILRQRKIERLIDRIRGRAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERSNHHSILCIRC\*SIWYRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEQ\*HGRTDA\*RYNQFMGSKPKAMCKINPTLC\*AKLH\*SGGECY\*GL\*\*DEGRRRDEKLLFQCHHKHKR\*DKRLCTFL\*I\*CNTTRRK\*DQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLYPGWFCDYKV\*\*\*KVQGNRTM\*KCQYSTMYTWNKASSINSTAVKWQFSRRRGSN\*I\*KLHRQR\*NHNSTAE\*ICRN\*LYKTQQQYKEKYTSRTRESMVCNRRHNRKDKTSTL\*P\*\*HKME\*HFKTDS\*KIKRTIWEQNNSL\*SILRRGPRDCKAQF\*LWRGIFLL\*YITTV\*\*YLGC\*\*YLEWYWE\*YPRK\*HYHAPLQNKTNCKHVAGSRKSNVCPSYCRTN\*LFIKYYRVAINKRWW\*\*\*QCQRDLQTWRRKYEGQLEK\*II\*IQSSKN\*TIRSSTYQG\*EKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAESY\*GATTYVATHSLGHQATPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*IFG\*DLE\*HDLDGVGKRD\*QLHKRNIHLN\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNNLCCTFYSK\*S\*AGILTIVITDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2007.JX447160.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMRKGLGIFYGRKKRRQRRRAPQGSETHQVSLPKQ\*VVNVMQTLTILAIVALVVAVIIAIVVWTIVLLEYRKILRQRKIERLIDRIRGRAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERSNHHSILCIRC\*SIWYRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEQ\*HGRTDA\*RYNQFMGSKPKAMCKINPTLC\*AKLH\*SGGECY\*GL\*\*DGGRRRDEKLLFQCHHKHKR\*DKRLCTFL\*I\*CNTTRGK\*DQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLYPGWFCDYKV\*\*\*KVQGNRTM\*KCQYSTMYTWNKASSINSTAVKWQFSRRRGSN\*I\*KLHRQR\*NHNSTAE\*ICRN\*LYKTQQQYKEKYTSRTRESMVCNRRHNRRDKTSTL\*P\*\*HKME\*HFKTDS\*KIKRTIWEQNNSL\*SILRRGPRDCKAQF\*LWRGIFLL\*YITTV\*\*YLGC\*\*YLEWYWE\*YPRK\*HYHAPLQNKTNCKHVAGSRKSNVCPSYCRTN\*LFIKYYRVAINKRWW\*\*\*QYQRDLQT\*RRKYEGQLEK\*II\*IQSSKN\*TIRSSTYQG\*EKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAESY\*GATTYVATHSLGHQATPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*IFG\*DLE\*HDLDGVGKRD\*QLHKRNIHLN\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNNFCCTFYSK\*S\*AGILTIVITDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2007.JX447161.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMRKGLGIFYGRKKRRQRRRAPQGSETHQVSLPKQ\*VVNVMQTLTILAIVALVVAVIIAIVVWTIVLLEYRKILRQRKIERLIDRIRGRAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEQ\*HGRTDA\*RYNQFMGSKPKAMCKINPTLC\*AKLH\*SGGECY\*GP\*\*DGGRRRDEKLLFQCHHKHKR\*DKRLCTFL\*I\*CNTTRGK\*DQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLYPGWFCDYKV\*\*\*KVQGNRTM\*KCQYSTMYTWNKASSINSTAVKWQFSRRRGSN\*I\*KLHRQR\*NHNSTAE\*ICRN\*LYKTQQQYKEKYTSRTRESMVCNRRHNRRDKTSTL\*P\*\*HKME\*HFKTDS\*KIKRTIWEQNNSL\*SILRRGPRDCKAQF\*LWRGIFLL\*YITTV\*\*YLGC\*\*YLEWYWE\*YPRK\*HYHAPLQNKTNCKHVAGSRKSNVCPSYCRTN\*LFIKYYRVAINKRWW\*\*\*QYQRDLQT\*RRKYEGQLEK\*II\*IQSSKN\*TIRSSTYQG\*EKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAESY\*GATTYVATHSLGHQATPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*IFG\*DLE\*HDLDGVGKRD\*QLHKRNIHLN\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNNFCCTFYSK\*S\*AGILTIVITDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2007.JX447162.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMRKGLGIFYGRKKRRQRRRAPQGSETHQVSLPKQ\*VVNVMQTLTILAIVALVVAVIIAIVVWTIVLLEYRKILRQRKIERLIDRIRGRAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERSNHHSILCIRC\*SIWYRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEQ\*HGRTDA\*RYNQFMGSKPKAMCKINPTLC\*AKLH\*SGGECY\*GL\*\*DEGRRRDEKLLFQCHHKHKR\*DKRLCTFL\*I\*CNTTRRK\*DQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLYPGWFCDYKV\*\*\*KVQGNRTM\*KCQYSTMYTWNKASSINSTAVKWQFSRRRGSN\*I\*KLHRQR\*NHNSTAE\*ICRN\*LYKTQQQYKEKYTSRTRESMVCNRRHNRRDKTSTL\*P\*\*HKME\*HFKTDS\*KIKRTIWEQNNSL\*SILRRGPRDCKAQF\*LWRGIFLL\*YITTV\*\*YLGC\*\*YLEWYWE\*YPRK\*HYHAPLQNKTDCKHVAGSRKSNVCPSYCRTN\*LFIKYYRVAINKRWW\*\*\*QYQRDLQT\*RRKYEGQLEK\*II\*IQSSKN\*TIRSSTYQG\*EKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAESY\*GATTYVATHSLGHQATPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*IFG\*DLE\*HDLDGVGKRD\*QLHKRNIHLN\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNNFCCTFYSK\*S\*AGILTIVITDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2007.JX447163.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMRKGLGIFYGRKKRRQRRRAPQGSETHQVSLPKQ\*VVNVMQTLTILAIVALVVAVIIAIVVWTIVLLEYRKILRQRKIERLIDRIRGRAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERSNHHSILCIRC\*SIWYRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEQ\*HGRTDA\*RYNQFMGSKPKAMCKINPTLC\*AKLH\*SGGECY\*GL\*\*DGGRRRDEKLLFQCHHKHKR\*DKRLCTFL\*I\*CNTTRGK\*DQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLYPGWFCDYKV\*\*\*KVQGNRTM\*KCQYSTMYTWNKASSINSTAVKWQFSRRRGSN\*I\*KLHRQR\*NHNSTAE\*ICRN\*LYKTQQQYKEKYTSRTRESMVCNRRHNRRDKTSTL\*P\*\*HKME\*HFKTDS\*KIKRTIWEQNNSL\*SILRRGPRDCKAQF\*LWRGIFLL\*YITTV\*\*YLGC\*\*YLEWYWE\*YPRK\*HYHAPLQNKTNCKHVAGSRKSNVCPSYCRTN\*LFIKYYRVAINKRWW\*\*\*QYQRDLQT\*RRKYEGQLEK\*II\*IQSSKN\*TIRSSTYQG\*EKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAESY\*GATTYVATHSLGHQATPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*IFG\*DLE\*HDLDGVGKRD\*QLHKRNIHLN\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNNFCCTFYSK\*S\*AGILTIVITDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2007.JX447164.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMRKGLGIFYGRKKRRQRRRAPQGSETHQVSLPKQ\*VVNVMQTLTILAIVALVVAVIIAIVVWTIVLLEYRKILRQRKIERLIDRIRGRAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERSNHHSILCIRC\*SIWYRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEQ\*HGRTDA\*RYNQFMGSKPKAMCKINPTLC\*AKLH\*SGGECY\*GL\*\*DEGRRRDEKLLFQCHHKHKR\*DKRLCTFL\*I\*CNTTRRK\*DQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLYPGWFCDYKV\*\*\*KVQGNRTM\*KCQYSTMYTWNKASSINSTAVKWQFSRRRGSN\*I\*KLHRQR\*NHNSTAE\*ICRN\*LYKTQQQYKEKYTSRTRESMVCNRRHNRRDKTSTL\*P\*\*HKME\*HFKTDS\*KIKRTIWEQNNSL\*SILRRGPRDCKAQF\*LWRGIFLL\*YITTV\*\*YLGC\*\*YLEWYWE\*YPRK\*HYHAPLQNKTDCKHVAGSRKSNVCPSYCRTN\*LFIKYYRVAINKRWW\*\*\*QYQRDLQT\*RRKYEGQLEK\*II\*IQSSKN\*TIRSSTYQG\*EKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSAAAEKFAESY\*GATTYVATHSLGHQATPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*IFG\*DLE\*HDLDGVGKRD\*QLHKRNIHLN\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNNFCCTFYSK\*S\*AGILTIVITDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2007.JX447165.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMRKGLGIFYGRKKRRQRRRAPQGSETHQVSXPKQ\*VVNVMQTLTILAIVALVVAVIIAIVVWTIVFLEYRKILRQRKIERLIDRIRGRAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERSNHHSILCIRC\*SIWYRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEQ\*HGRTDA\*RYNQFMGSKPKAMCKINPTLC\*AKLH\*SGGECY\*GL\*\*DGGRRRDEKLLFQCHHKHKR\*DKRLCTFL\*I\*CNTTRGK\*DQL\*VDKL\*YLSHYTSLSKGIL\*ANSHTLLYPGWFCDYKV\*\*\*KVQGNRTM\*KCQYSTMYTWNKASSINSTAVKWQFSRRRGSN\*I\*KLHRQR\*NHNSTAE\*ICRN\*LYKTQQQYKEKYTSRTRESMVCNRRHNRRDKTSTL\*P\*\*HKME\*HFKTDS\*KIKRTIWEQNNSL\*SILRRGPRDCKAQF\*LWRGIFLL\*YITTV\*\*YLGC\*\*YLEWYWE\*YPRK\*HYHVPLQNKTNCKHVAGSRKSNVCPSYCRTN\*LFIKYYRVAINKRWW\*\*\*QYQRDLQT\*RRKYEGQLEK\*II\*IQSSKN\*TIRSSTY\*G\*EKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAESY\*GATTYVATHSLGHQATPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*IFG\*DLE\*HDLDGVGKRD\*QLHKRNIHLN\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNNFCCTFYSK\*S\*AGILTIVITDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2006.JX447795.-

MEPVDPSLEPWKHPGSQPKTACTNCFCKKCCFHCQACFMKKGLGIFYGRKKRKQRRRAPYDSQNHQASLSKQ\*VINVMQPLTILAIVALVVVAIIAIVVWTIVFIEYKKLLRQKKIERLIDRIRERAEDSGNESDGDQEELSAFMEMGHHAPWDVNDL\*SCRKLVGHSLLWGACMERSNNHSILCIRC\*SICCRGTQCLGHTCLCTHRPQPTRNSNGKCDRKLQHVEK\*HGRTDA\*GFNQLMGSKPKALCKINPTLCYFKLH\*LEE\*\*\*Y\*YQ\*YYCQ\*YQWCYCQ\*YGE\*Y\*YP\*YNGGNRNEKLLFQYNHKHTN\*GEKPCTFL\*T\*CSTNKQ\*\*\*YYQL\*VNKL\*HLNHYTSLSKGIL\*ANSHTLLYPGWFCDSTM\*Q\*KV\*WNRTMYKCQYSTMHTWN\*ASSINSTAVKWQFSRRRGNN\*IQQFHR\*C\*NHNSTVE\*NCTN\*LFET\*QQYKKRYKYRTRASMVYNRPSSRKYKTSTL\*H\*YHKME\*HFKMGN\*KIKRTI\*EQNNSLSATLRRGPRDCNAQF\*LWRGIFLL\*YLTTV\*\*YLAY\*\*YLEWYKG\*QWHYHAPLQNKTNYKHVAGSRKSNVCPSHQRTDWMFIKHYRVAINKRWWWGERDQEQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGNARSYVPWVLGNSRKHYGRSVNNADGTGQAIVVWYSATAEKSAEGY\*GAAAPDATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLPHCCALE\*\*LE\*\*IYGVYLAEHDLDAVGKRN\*QLHNRNIHLN\*TITEQTRKK\*TRIIGIG\*VGKLVELV\*HNKLAVVYKNLHNDSRRLGRFKNSFCCTFYSK\*S\*AGILTFVITDPLPNPEGTRQARRNRRRRWRARQRQIREI

>B.2006.JX447796.-

MEPVDPSLEPWKHPGSQPKTACTNCFCKKCCFHCQACFMKKGLGIFYGRKKRKQRRRAPHDSQNHQASLSKQ\*VINVMQPLTILAIVALVVVAIIAIVVWTIVFIEYKKLLRQKKIERLIDRIRERAEDSGNESDGDQEELSAFMEMGHHAPWDVNDL\*SCRKLVGHSLLWGACMERSNNHSILCIRC\*SICCRGTQCLGHTCLCTHRPQPTRNSNGKCDRKLQHVEK\*HGRTDA\*GFNQLMGSKPKALCKINPTLCYFKLH\*LEE\*\*\*Y\*YQ\*YYCQ\*YQ\*CYCQ\*YGE\*Y\*YP\*YNGGNRNEKLLFQYNHKHTN\*GEKPCTFL\*T\*CSTNKQ\*\*\*YYQL\*VNKL\*HLNHYTSLSKGIL\*ANSHTLLYPGWFCDSTM\*Q\*KV\*WNRTMYKCQYSTMHTWN\*ASSINSTAVKWQFSRRRGNN\*IQQFHR\*C\*NHNSTVE\*NCTN\*LFET\*QQYKKRYKYRTRASMVYNRPNSRKYKTSTL\*H\*YHKME\*HFKMGN\*KIKRTI\*EQNNSLSATLRRGPRDCNAQF\*LWRGIFLL\*YLTTV\*\*YLAY\*\*YLEWYKE\*QWHYHAPLQNKTNYKHVAGSRKSNVCPSHQRTDWMFIKHYRVAINKRWWWGERDQEQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGNARSYVPWVLGNSRKHYGRSVNNADGTGQAIVVWYSATAEKSAEGY\*GAAASAATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLPHCCALE\*\*LE\*\*IYGVYLAEHDLDAVGKRN\*QLHNRNIHLN\*TITEQTRKK\*TRIIGIG\*VGKLVELV\*HNKLAVVYKNLHNDSRRLGRFKNSFCCTFYSK\*S\*AGILTFVITDPLPNPEGTRQARRNRRRRWRARQRQIREI

>B.2006.JX447797.-

MEPVDPSLEPWKHPGSQPKTACTNCFCKKCCFHCQACFMKKGLGIFYGRKKRKQRRRTPYDSQNHQASLSKQ\*VINVMQPLTILAIVALVVVAIIAIVVWTIVFIEYKKLLRQKKIERLIDRIRERAEDSSNESDGDQEELSAFMEMGHHAPWDVNDL\*SCRKLVGHSLLWGACMERATTTLFCASDAKAYVAEAHNVWATHACVPTDPNPQEIVMENVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTDWKNDNDTNINSTTGGIEMKNCSFNITTSIQTKVNHALFYKLDVVPINNDSDTTSYRLISCNTSTITQACPKVSFEPIPIHYCTPAGFAILQCNNKKFNGTGPCTMSVQYNAHMELGQ\*YQLNCC\*MAV\*QKKR\*\*LDPAISQIMLKS\*\*YS\*MKLYKLIVRDLATIQEKV\*I\*DQGKYGIQQTK\*\*EI\*DKHIVTLVSQNGITL\*NG\*LKN\*ENNLRTKQ\*SFSHPQEGTQRL\*CTVLIVEGXFSTVIPHNCLIVLGILMILGMVQRVTMALSRSLAE\*NKL\*TCGRK\*EKQCMPLPSKDRLDVYQTLQGCY\*QEMVVGGTRPGTTRPSDLQEEI\*GTIGEVNYINIK\*\*ELNH\*E\*HLPRQREEWCREKKEQWEC\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPGNCCLV\*CNSREIC\*GLLRRSSICCNSQSGASSSSRQESWLWKDT\*RINSS\*GFGVALENSFAPLLCLGIVVGVINLWSIFGRT\*LGCSGKEKLTITQQKYTP\*LNNHRTNKKKMN\*NYWNWISGQACGIGLT\*QTGCGI\*ESS\*\*\*\*EAW\*V\*E\*FLLYFL\*\*IELGRDTHLCHYRPTSQPRGDPAGPKESKEKVESKTEADPKD\*

>B.2006.JX447798.-

MEPVDPSLEPWKHPGSQPKTACTNCFCKKCCFHCQACFMKKGLGIFYGRKKRKQRRRAPHDSQNHQASLSKQ\*VINVMQPLTILAIVALVVVAIIAIVVWTIVFIEYKKLLRQKKIERLIDRIRERAEDSGNESDGDQEELSAFMEMGHHAPWDVNDL\*SCRKLVGHSLLWGACMERSNNHSILCIRC\*SICCRGTQCLGHTCLCTHRPQPTRNSNGKCDRKLQHVEK\*HGRTDA\*GFNQLMGSKPKALCKINPTLRYFKLH\*LEE\*YQWCYCQ\*YGE\*Y\*YP\*YNGGNRNEKLLFQYNHRHTN\*GEKPCTFL\*T\*CSTNKQ\*\*\*YYQL\*VNKL\*HLNNYTSLSKGIL\*ANSHTLLYPGWFCDSTM\*Q\*KV\*WNRTMYKCQYSTMHTWN\*ASSINSTAVKWQFSRRRGNN\*IQQFHR\*C\*NHNSTVE\*NCTN\*LFET\*QQYKKRYKYRTRASMVYNRPSSRKYKTSTL\*H\*YHKME\*HFKMGN\*KIKRTI\*EQNNSLSATLRRGPRDCNAQF\*LWRGIFLL\*YLTTV\*\*YLAY\*\*YLEW\*G\*QWHYHAPLQNKTNYKHVAGSRKSNVCPSHQRTDWMFIKHYRVAINKRWWWGERDQEQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGNARSYVPWVLGNSRKHYGRSVNNADGTGQAIVVWYSATAEKSAEGY\*GAAASAATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLPHCCALE\*\*LE\*\*IYGVYLAEHDLDAVGKRN\*QLHNRNIHLN\*TITEQTRKK\*TRIIGIG\*VGKLVELV\*HNKLAXVYKNLHNDSRRLGRFKNSFCCTFYSK\*S\*AGILTFVITDPLPNPEGTRQARRNRRRRWRARQRQIREI

>B.2006.JX447799.-

MEPVDPSLEPWKHPGSQPKTACTNCFCKKCCFHCQACFMKKGLGIFYGRKKRKQRRRAPHDSQNHQASLSKQ\*VINVMQPLTILAIVALVVVAIIAIVVWTIVFIEYKKLLRQKKIERLIDRIRERAEDSGNEGDGDQEELSAFMEMGHHAPWDVNDL\*SCRKLVGHSLLWGACMERSNNHSILCIRC\*SICCRGTQCLGHTCLCTHRPQPTRNSNGKCDRKLQHVEK\*HGRTDA\*GYNQLMGSKPKALCKINPTLCYFKLH\*LEE\*\*\*Y\*YQ\*Y\*YQ\*YNGGNRNEKLLFQYNHKHTN\*GEKPCTFL\*T\*CSTNKQ\*\*\*YYQL\*VNKL\*HLNHYTSLSKGIL\*ANSHTLLYPGWFCDSTM\*Q\*KV\*WNRTMYKCQYSTMHTWN\*ASSINSTAVKWQFSRRRGNN\*IQQFHR\*C\*NHNSTVE\*NCTN\*LFET\*QQYKKRYKYRTRASMVYNRPSSRKYKTSTL\*H\*YHKME\*HFKMGN\*KIKRTI\*EQNNSLSATLRRGPRDCNAQF\*LWRGIFLL\*YLTTV\*\*YLAY\*\*YLEWYKG\*QWHYHAPLQNKTNYKHVAGSRKSNVCPSHQRTDWMFIKHYRVAINKRWWWGERDQEQRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGNARSYVPWVLGNSRKHYGRSVNNADGTGQAIVVWYSATAEKSAEGY\*GAAASAATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLPHCCALE\*\*LE\*\*IYGVYLAEHDLDAVGKRN\*QLHNRNIHLN\*TITEQTRKK\*TRIIGIG\*VGKLVELV\*HNKLAVVYKNLHNDSRRLGRFKNSFCCTFYSK\*S\*AGILTFVITDPLPNPEGTRQARRNRRRRWRARQRQIREI

>B.2008.JX448101.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAHQDSKTHQAALSKQ\*VVHVMQPLQPLQIAAIVALVVAIIIVIVVWTIVAIEYKKLLRQRKIDRLIDRIRERAEDSGNESEGDQEELLGMGYLAPWDIDDL\*C\*RKRKIVGHSLLWGASVERSNHHSILCIRCQSTCYRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRADA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LEEQ\*YQYYCQCH\*CS\*HYN\*TDGARRSKKLLFQYHNRHER\*DAETIRAFLCP\*CSTNS\*Y\*\*Y\*Y\*\*Y\*L\*VNKL\*HLNHNTSLSKDILSTNSHTLLYPGWFCNHEV\*\*\*ELQWNRTMYKC\*HSTMYTWN\*ASGINSTAVKWQSSRRRSND\*I\*KFLRQCQNHNSTAEGRCTN\*LHKTRE\*YKKRHTHRTRESILYNRRHNRRYKTSTL\*HH\*WKMG\*HFKTNSQKIRGPI\*K\*NSSF\*TILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGQ\*YMGRNTVQCDCLNYTSMQNKTGYKPVAGSRKSNVCPSHQRKH\*LFIKYYRVAINKRWGQ\*Q\*HKWERDLQTGRRKHEGQLEK\*II\*I\*SSTS\*TIRSSTHQGKEESGAKRKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATTYVATHSLGYQAAPGKSPGCGKVPKGSTAPGDLGLLWKTHLHH\*CTLEC\*LE\*\*ISGLYLE\*HDLDGVGKRN\*QLHRINILLN\*RIAKPTRKE\*TRIIRIR\*MGKSVELV\*YNKLVVVYKNIHNDSRRLDRFKNSFCCAFHSE\*S\*AGILTSIISDPPPKPEGTRQARRNRRRRWKARQRQLNKI

>B.2008.JX448102.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAHQDSKTHQAALSKQ\*VVHVMQPLQPLQIAAIVALVVAIIIVIVVWTIVAIEYKKLLRQRKIDRLIDRIRERAEDSGNESEGDQEELLGMGYLAPWDIDDL\*C\*RKRKIVGHSLLWGASVERSNHHSILCIRCQSTCYRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRADA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LEEQ\*YQYYCQCH\*CS\*HYN\*TDGARRSKKLLFQYHNRHER\*DAETIRAFLCP\*CSTNS\*Y\*\*Y\*Y\*\*Y\*L\*VNKL\*HLNHNTSLSKDILSTNSHTLLYPGWFCNHEV\*\*\*ELQWNRTMYKC\*HSTMYTWN\*ASGINSTAVKWQSSRRRSND\*I\*KFLRQCQNHNSTAEGRCTN\*LHKTRE\*YKKRHTHRTRESILYNRRHNRRYKTSTL\*HH\*WKMG\*HFKTNSQKIRGPI\*K\*NSSF\*TILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGQ\*YMGRNTVQCDCLNYTSMQNKTGYKPVAGSRKSNVCPSHQRKH\*LFIKYYRVAINKRWGQ\*Q\*HKWERDLQTGRRKHEGLLEK\*II\*I\*SSTS\*TIRSSTHQGKEESGAKRKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATTYVATHSLGYQAAPGKSPGCGKVPKGSTAPGDLGLLWKTHLHH\*CTLEC\*LE\*\*ISGLYLE\*HDLDGVGKRN\*QLHRINILLN\*RIAKPTRKEWTRIIRIR\*MGKSVELV\*YNKLVVVYKNIHNDSRRLDRFKNSFCCAFHSE\*S\*AGILTSIISDPPPKPEGTRQARRNRRRRWKARQRQLNKI

>B.2008.JX448103.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAHQDSKTHQAALSKQ\*VVHVMQPLQPLQIAAIVALVVAIIIVIVVWTIVAIEYRKLLRQRKIDRLIDRIRERAEDSGNESEGDQEELLGMGYLAPWDIDDL\*C\*RKRKIVGHSLLWGASVERSNHHSILCIRCQSTCYRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRADA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LEEQ\*YQYYCQCH\*CS\*HYN\*TDGARRSKKLLFQYHNRHER\*DAETIRAFLCP\*CSTNS\*Y\*\*Y\*Y\*\*Y\*L\*VNKL\*HLNHNTSLSQDILSTNSHTLLYPGWFCNHEV\*\*\*ELQWNRTMYKC\*HSTMYTWN\*ASGINSTAVKWQSSRRRSND\*I\*KFLRQCQNHNSTAEGRCTN\*LHKTRE\*YKKRHTHRTRESILYNRRHNRRYKTSTL\*HH\*WKMERHFKTNS\*KIRGPI\*K\*NSSF\*TILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGQ\*YMGQ\*YMGHNTVQCDCH\*LNYTSMQNKTGYKPVAGSRKSNVCPSHQRKH\*LFIKYYRVAINKRWGQ\*Q\*HKWERDLQTGRRKHEGQLEK\*II\*I\*SSTS\*TIRSSTHQGKEESGAKRKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATTYVATHSLGYQAAPGKSPGCGKVPKGSTAPGDLGLLWKTHLHH\*CTLEC\*LE\*\*ISGLYLE\*HDLDGVGKRN\*QSHRINILLN\*RIAKPTRKE\*TRIIRIR\*MGKSVELV\*YNKLAVVYKNIHNDSRRLDRFKNSFCCAFHSE\*S\*AGILTSIISDPPPKPEGTRQARRNRRRRWKARQRQLNKI

>B.2008.JX448104.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAHQDSKTHQAALSKQ\*VVHVMQPLQPLQIAAIVALVVAIIIVIVVWTIVAIEYRKLLRQREIDRLIDRIRERAEDSGNESEGDQEELLGMGYLAPWDIDDL\*C\*RKRKFVGHSLLWGASVERSNHHSILCIRCQSTCYRGK\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRADA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LEEQ\*CH\*CS\*HYN\*TDGARRSKKLLFQYHNRHER\*DAETIRAFLCP\*CSTNS\*Y\*\*Y\*Y\*\*Y\*L\*VNKL\*HLNHNTSLSKDILSTNSHTLLYPGWFCNHEV\*\*\*ELQWNGTMYKC\*HSTMYTWN\*ASGINSTAVKWQSSRRRSND\*I\*KFLRQCQNHNSTAEGRCTN\*LHKTRE\*YKKRHTHRTRESILYNRRHNRRYKTSTL\*HH\*GKMERHFKTNS\*KIRGPI\*K\*NSSF\*TILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGQYNTVQCDCH\*LNYTSMQNKTGYKPVAGSRKSNVCPSHQRKH\*LFIKYYRVAINKRWGQ\*Q\*HKWERDLQTGRRKHEGQLEK\*II\*I\*SSTS\*TIRSSTHQGKEESGAKRKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATTYVATHSLGYQAAPGKSPGCGKVPKGSTAPGDLGLLWKTHLHH\*CTLEC\*LE\*\*ISGLYLE\*HDLDGVGKRN\*QLHRINILLN\*RIAKPTRKE\*TRIIRIR\*MGKSVELV\*YNKLVVVYKNIHNDSRRLDRFKNSFCCAFHSE\*S\*AGILTSIISDPPPKPEGTRQARRNRRRRWKARQRQLNKI

>B.2007.JX448105.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAHQDSKTHQAALSKQ\*VVHVMQPLQPLQIAAIVALVVAIIIVIVVWTIVAIEYRKLLRQRKIDRLIDRIRERAEDSGNESEGDQEELLGMGYLAPWDIDDL\*C\*RKRKIVGHSLLWGASVERSNHHSILCIRCQSTCYRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRADA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LEEQ\*YQYYCQCH\*CS\*HYN\*TDGARRSKKLLFQYHNRHER\*DAETIRAFLCP\*CSTNS\*Y\*\*Y\*Y\*\*Y\*L\*VNKL\*HLNHNTSLSKDILSTNSHTLLYPGWFCNHEV\*\*\*ELQWNRTMYKC\*HSTMYTWN\*ASGINSTAVKWQSSRRRSND\*I\*KFLRQCQNHNSTAEGRCTN\*LHKTRE\*YKKRHTHRTRESILYNRRHNRRYKTSTL\*NH\*WKME\*HFKTNS\*KIRGPI\*K\*NSSF\*TILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGQ\*YMGHNTVQCDCH\*LNYTSMQNKTGYKPVAGSRKSNVCPSHQRKH\*LFIKYYRVAINKRWGQ\*Q\*HKWERDLQTGRRKHEGQLEK\*II\*I\*SSTS\*TIRSSTHQGKEESGAKRKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATTYVATHSLGYQAAPGKSPGCGKVPKGSTAPGDLGLLWKTHLHH\*CTLEC\*LE\*\*ISGLYLE\*HDLDGVGKRN\*QLHRINILLN\*RIAKPTRKE\*TRIIRIR\*MGKSVELV\*YNKLVVVYKNIHNDSRRLDRFKNSFCCAFHSE\*S\*AGILTSIISDPPPKPEGTRQARRNRRRRWKARQRQLNKI

>B.2008.JX448106.-

MEPIDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAHQDSKTHQAALSKQ\*VVHVMQPLQPLQIATIVALVVAIIIVIVVWTIVAIEYRKLLRQREIDRLIDRIRERAEDSGNESEGDQEELLGMGYLAPWDIDDL\*C\*RKRKIVGHSLLWGASVERSNHHSILCIRCQSTCYRGK\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRADA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LEEQ\*CH\*CS\*HYN\*TDGARRSKKLLFQYHNRHER\*DAETIRAFLCP\*CSTNS\*Y\*\*Y\*Y\*\*Y\*L\*VNKL\*HLNHNTSLSKDILSTNSHTLLYPGWFCNHEV\*\*\*ELQWNGTMYKC\*HSTMYTWN\*ASGINSTAVKWQSSRRRSND\*I\*KFLRQCQNHNSTAEGRCTN\*LHKTRE\*YKKRHTHRTRESILYNRRHNRRYKTSTL\*HH\*GKMERHFKTNS\*KIRGPI\*K\*NSSF\*TILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGQYNTVQCDCH\*LNYTSMQNKTGYKPVAGSRKSNVCPSHQRKH\*LFIKYYRVAINKRWGQ\*Q\*HKWERDLQTGRRKHEGQLEK\*II\*I\*SSTS\*TIRSSTHQGKEESGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATTYVATHSLGYQAAPGKSPGCGKVPKGSTAPGDLGLLWKTHLHH\*CTLEC\*LE\*\*ISGLYLE\*HDLDGVGKRN\*QLHRINILLN\*RIAKPTRKE\*TRIIRIR\*MGKSVELV\*YNKLVVVYKNIHNDSRRLDRFKNSFCCAFHSE\*S\*AGILTSIISDPPPKPEGTRQARRNRRRRWKARQRQLNKI

>B.2010.JX500707.-

MEPVDPRLEPWKHPGSQPRTACNSCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRSPQSSEVHQASLSKQ\*VIHVMQSLXIAAIVGLVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSGLIEMGHHAPWDIDDL\*CYRKLVGHSLLWGTCMERSKHHSILCIRC\*RI\*YRGT\*CLGHTCMCTHRPQPTRNRIGKCNRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYLKLH\*F\*VEE\*Y\*\*YH\*QWRNEKLLFQYHKPKK\*NTERICTFL\*AGFSTNR\*\*\*YQLYVDKL\*HLGHYTSLSKGIL\*TNSHTLLCPGWICDSKV\*R\*\*VQWNRTM\*KCQHSAVYTWN\*ASSIHSIAVKWQSSRRRGSS\*I\*QFLRQC\*KHNSATKRTCKN\*LYKTQQQYKKKYKYRTRESILCNRRYNRRYKTSTL\*P\*SNRME\*NFRTDS\*KIKRTIW\*\*NNNL\*PILRRRPRNCNAQF\*LWRGIFLL\*YNKTV\*\*YLGEQ\*YY\*YWEWDNHTPM\*NKTNYKQMAGSRKSNVCPSHQRKNSMLIKYYRANIIKRWW\*QQHHRDLQTCRRRYEGQLEK\*IIQI\*SSKN\*TIGSSTHQGKEESGAERKKSSGTRSVIPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAKQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHCCAMEC\*LE\*\*IS\*\*YLE\*HDLDAVGKRN\*QLYRHNIQLT\*KIAKPARKK\*TRIIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRVNRFKNSFCCTFYSE\*C\*AGVLTIIVSDPPPSQEGTRQARRNRRRRWRERQRHIRTL

>B.2011.JX500708.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRSPQNNQTDQASLPKQ\*VVHVMQPLVIATIVAFVVVGIIAIVVWSLVIVEYRKILRQRKIDRLIARIIERAEDSGNESDGDQEALMEMGHLAPWDVDDM\*CYSKFMGHSLLWGTCVERSNYHSILCIRC\*SI\*\*GST\*CLGYICLCTHGPQPTRNTIEECDRKF\*HGEK\*HGRPDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*CC\*YQ\*\*\*HRRVRNEKLLFQHHHKHEKGSEKRICTLL\*SGCSTNR\*\*\*Y\*\*L\*VDKL\*YLSRYTSLSKAIL\*ANSHTLLCPGWFCDYKVQQ\*NIQWNRAMYRCQYSTMYTWN\*ASSINPTTVKW\*SSRRRDSN\*ICQSHRQY\*NNNSTAERTCRN\*LYKTQQQYKKRYSYGTRESILCNRRHNRRYKTSTL\*C\*\*NKME\*HINTGSGQIKRTI\*E\*NTKLY\*ILRRGPRNCNAQF\*LWRGIFLL\*YNTIV\*\*HLG\*EYYRV\*\*D\*\*VK\*H\*NYHTPM\*NKTNYKHVAGSRKSNVCPSHLRTN\*MFIKYYRTAINKRWW\*Q\*HRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRGVNNADGTGQAIIGWYSATAEQSAESY\*GATTSVATHSLGHQAAPGENPCCGEIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ISR\*HLE\*HDLDGVGKRN\*\*LHRGNIQFNRTNAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKDIHNDSRRLDRFKNNFCCTFCSE\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2009.JX500709.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFMKKGLGISHGRKKRRQRRRPPQDSQTDQASLSKQ\*VVHVMQPLVIASIVALVVVAIIAIIVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELLEMGHVAPWDIDDL\*CYRKVVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRNSIGKCDRRV\*HVEK\*HGRTDAGGCHQFMGSEPKAMCKINPTLCYFRLHKCKQE\*DFRE\*DFDRRTKKLLFQYYHKHKR\*GKESKCNF\*\*T\*YSTNR\*\*\*\*\*\*\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*QQDVWWKRTMYKCQHCTMYTWN\*ASSVNSTAVKWQFSRNRNSN\*I\*QFLGQC\*KHNSTAE\*ICSNYL\*KDQQ\*Y\*NRYSYRTRKSISCNRRYKRRYKSSTL\*H\*\*SKLE\*NFRADS\*QIKRN\*TI\*E\*NNSL\*\*LLRRGPRNCNA\*F\*LWRGIFLLQDNRTV\*\*CLA\*\*WY\*YCE\*YWEKY\*KYYTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*MYIKYYRPDINKRWR\*\*Y\*\*Q\*DLQTCRGRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAKREKSNRNNGSCVPWVLGNSRKHYGRSVTDADGTGQTIIVWYSAAAEQSAEGY\*CATAYVATHSLGH\*AAPGKSPGCGKIPKRSTAPRDLGLLWKTHLHHCCTLEYKLE\*EVG\*WKSD\*YLG\*YDLDAMGKRN\*QLHRHNIQLT\*KSAKPARKK\*TGIVGVGQMGKFMELV\*HNKLAVVHKNIHNDSRRLDRFKNSFFCNFYSE\*S\*EGILTIIITDPPPNPEGTRQARRNRRRRWRERQRHIHSI

>B.-.JX503071.-

MEPVDPRLEPWKHPGSQPRTACSSCYCKKCCFHCQKCFLTKGLGIFYGRKKRRQRRRAPQNSQTDQADLSKQ\*VVHVMQPLVVLAIVALVLVAIIAIVVWSIVLIEYRKIIRQRKIDRLFDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIND\*\*CGRRRRFVGHSLLWGTCVERSNYHSILCFRC\*SI\*YRKT\*CLGHTCLCTHRPQPTRGSIGQCDRRI\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCTINPTMCYIKLY\*CKKN\*\*\*YHY\*YYCHS\*\*RGSNGGKRHEKLLFQYHHRLKR\*GKERICTSL\*T\*CSTNV\*E\*\*Y\*L\*VDKL\*HLSHYTSLSKDNL\*ANSHTLLCPSWFCDSKV\*QQDIQWKRTMYKCQHSTMYTWN\*ASSINPTAVKWQSSRRRGSN\*IRQFHRQC\*NHNSTAKRNCTN\*LYKTQQQ\*KEKYNYWDQAEHSMQQET\*\*EI\*DKHIVTLVEYNGITL\*NR\*LQN\*\*NNLIKQL\*SLSPPQEGTQKL\*CTVLIVEGNFSSVIQHNCLIVLGIVLGQITQEEMIQSHSHAE\*NKL\*TCGSK\*EKQCMPLPSEDKLDVHQILQGCY\*QEMVAMVATAVMRQRSSDLEEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQWD\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNCCLV\*CNSKAICCRLLRRNSICCNSQSGASSSSRQESWL\*KDT\*RINSSWDFGVALERSFAPLLCLGTIVGVINLTMRFGTT\*PGWSGKEKLIITHT\*YTP\*FKNRKTNKTRMRKNYWN\*INGQICGIGSA\*QIGCGI\*KCS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IESGRDTHHYCPRPSSQLRGDPTGPKESKKKVETETETAPDH\*

>B.-.JX503072.-

MEPVDPRLEPWKHPGSQPRTACSSCYCKKCCFHCQKCFLTKGLGIFYGRKKRRQRRRAPQNSQTDQADLSKQ\*VVHVMQPLVVLAIVALVLVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIND\*\*CGRRRRFVGHSLLWGTCVERSNYHSILCFRC\*SI\*YRKT\*CLGHTCLCTHRPQPTRGSIEQCDRRI\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCTINPTMCYIKLY\*CKKN\*\*\*YY\*YYCHS\*\*RGSNGGKRHEKLLFQYHHRLKR\*GKERICTSL\*T\*CSTNV\*E\*\*Y\*L\*VDKL\*HLSHYTSLSKDNL\*ANSHTLLCPSWFCDSKV\*QQDIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFHRQC\*NHNSTAKRNCTN\*LYKTQQQYKEKYTYGTRQSILCNRRHNRKYKTSTL\*H\*\*STME\*HFKTGSYKINRTI\*\*NNYSL\*ALLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLE\*YWVK\*HRRK\*YNHTPMQNKTNYKHVAASRKSNVCPSHQRTN\*MFIKYYRAVINKRWWLWWQQQ\*\*DRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAKQFAAGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGTLGLLWKDHLHHCCALER\*LE\*\*\*ILQ\*DLEQHDLDGVGKRN\*\*LHTHNIHLNSRIAKPTRQE\*ERIIGTR\*MGKFVELV\*HNKLAVVYKNVHNDSRRLDRFKNSFCCTFYSK\*SQAGILTIIVPDPPPSSEGTRQARRNRRRRWRQKQKQLRTI

>B.1985.JX503073.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMTKALGISYGRKKRRQRRRAHQNSQTHQASLSKQ\*VVHVMQPIIVAIVALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEVSALVEMGVEMGHHAPWDIDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RENDNGERRDKKLLFQYQHKHKR\*GAERICILL\*T\*YSTNR\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWNQASSINSTAVKWQSSRRRCSN\*ICQFHRQC\*NHNSTAEHICRN\*LYKTQQQYKKKYPYPEGTRESICYNRKNRKYETSTL\*H\*\*SKMECHFKTDS\*QIKRTIWK\*\*NNNL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHTPMQNKTIYKHVAGSRKSNVCPSHQWTN\*MFIKYYWAAINKRWW\*\*QQWVRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIV\*YSAAAEQFAEGY\*GATASVATHSLGHQTAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLE\*HDLDGVGQRN\*QLHKLNTLLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.-.JX503074.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCLHCQVCFLTKGLGISYGRKKRRQRRRTPKDSQTHQVPLPEQ\*VVHVMQPLQIAAIVALVVVTIIAIVVWSIVGIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVEMGHYAHHAPWDINDL\*CCRTIVGNSILWGTCVERGKHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRSQPTRSSIEKCDRKF\*HVEKYHGGTDA\*GYNQFMGSKPKAMCKINPTLCYFKL\*\*C\*HHCC\*PH\*HPI\*\*LDKDRARGNKKLLFQHHLKHKR\*DAERICTFV\*S\*YSTNR\*\*\*C\*L\*VNKL\*HLSHYTSLSKSNL\*TNPHTLLCPCWFCDSKM\*Q\*DVQWKRRM\*KCQHSTMYTWN\*ASSINSTAVKWQPSRKRDSN\*I\*QFHGQC\*DHNSTAE\*VYSN\*LYKTQQQHKKRYKYRTRESMVYNRRGNRGYKKGTL\*H\*YSKME\*HFKTGSKKIKRTVWE\*NNNL\*SILRRRPRDCNAQF\*LWRGIFLL\*HNKTV\*\*YLDLE\*Y\*WRRVVK\*H\*NK\*HNHTPVQNKTNYKYVAGSRKSNVCPSHQRIN\*LFIKYYRVTVNKRWW\*\*\*YLGQ\*\*NLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHRGKEKSGAEREKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISGLHLE\*HDLDGLGKRN\*QLHRLNI\*FN\*GIAKPARKE\*TRIISIR\*MGKFVELV\*HIKVAVVYKNIHNDSRRLDRFKNSFYCTFNSEQS\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.-.JX503075.-

MDPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAADGSQTHQDSLSKQ\*VLYVMVPIQIVAIVALVVVAIIAIVVWTIVFIEYRKLLRQRKIDRIIERIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRPIVGHSLLWSTCVERSKHHSILCIRC\*SI\*HRET\*YLGHTCMCTYRPQPTRSSLGKCDRKF\*HVEQ\*HGRTNA\*GYNQFMGSKLKAMCKINPTLCYVKLH\*HQWY\*QH\*Y\*HQW\*SERRNEKLLFQCHCKQKGQNEERICTFL\*P\*YNTNR\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWLCDYKM\*\*\*EIQWNRSM\*KC\*HSTMYTWN\*ASSVNSIAVKWQSSRR\*GSN\*ICQFLKQC\*NHNSTSK\*VCSN\*LYKTQQ\*YKKRYTYRTRESTLCNRRHNRRYKTSTL\*H\*\*RKMESHFRTDSYKIKRTI\*E\*KNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGC\*\*YLEWRVREHYRRK\*YNHTPM\*NKTNYKYVAGSRQSNVCPSHQRTN\*MFIKYYRATTSKRWWK\*\*\*N\*RHRDLQTWRRRYEGQLEK\*IV\*I\*SSKN\*TIRSSTHQGKEKSGAEGKKSNNIRSYVPWVLGNSRKHDGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*GATTFVATHSLGH\*TAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISEYNLGQHDLDGVGKRN\*QLHTRNIHLN\*KIAEPTRKE\*TRIIGIR\*VGKFVELV\*HIKLAVVYKNIYNDSRRLGRFKNSFCCAVFSK\*S\*AGVFTIVISDPPPKPGGTRQARRNRRRRWRERQRQIHTI

>B.1985.JX503076.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMTKALGISYGRKKRRQRRRAHQNSQTHQASLSKQ\*VVHVMQPIIVAIVALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEVSALVEMGVEMGHHAPWDIDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RENDNGERRDKKLLFQYQHKHKR\*GAERICILL\*T\*YSTNR\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWNQASSINSTAVKWQSSRRRCSN\*ICQFHRQC\*NHNSTAEHICRN\*LYKTQQQYKKKYPYPEGTRESICYNRKNRKYETSTL\*H\*\*SKMECHFKTDS\*QIKRTIWK\*\*NNNL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHTPMQNKTIYKHVAGSRKSNVCPSHQWTN\*MFIKYYWAAINKRWW\*\*QQWVRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIV\*YSAAAEQFAEGY\*GATASVATHSLGHQTAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLE\*HDLDGVGQRN\*QLHKLNTLLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.-.JX503080.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCLHCQVCFLTKGLGISYGRKKRRQRRRTPKDSQTHQVPLPEQ\*VVHVMKPLPIAAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVEMGHYAHHAPWDINDL\*CCRTIVGHSILWGTCVERGKHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRSQPTRSSIEKCDRKF\*HVEKYHGGTDA\*GYNQFMGSKPKAMCKINPTLCYFKL\*\*C\*HHCC\*HH\*HPI\*\*LDKDRARGNKKLLFQHHLKHKR\*DAERICTFV\*S\*YSTNR\*\*\*C\*L\*VNKL\*HLSHYTSLSKSNL\*TNPHTLLCPCWFCDSKM\*Q\*DVQWKRRM\*KCQHSTMYTWN\*ASSINSTAVKWQPSRKRDSN\*I\*QFLGQC\*DHNSTAE\*VYSN\*LYKTQQQHKKRYKYRTRESMVYNRRGNRGYKKGTL\*H\*YSKME\*HFKTGSKKIKRTVWE\*NNNL\*SILRRRPRDCNAHF\*LWRGIFLL\*HNKTV\*\*YLDLE\*Y\*WRRVGK\*H\*NK\*HNHTPVQNKTNYKYVAGSRKSNVCPSHQRIN\*LFIKYYRVTVNKRWW\*YLKQ\*\*NLQTWRRKYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAEREKSSGNRSVVHWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*NSGLHLE\*HDLDGLGKRN\*\*LHRLNI\*FN\*RIAKPARKE\*TRIISIR\*MGKFVELV\*HIKVAVVYKNIHNDSRRLDRFKNSFYCTFNSEQS\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.-.JX503081.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCLHCQVCFLTKGLGISYGRKKRRQRRRTPKDSQTHQVPLPEQ\*VVHVMQSLQIVAIAALVVVTIIAIVVWSIVGIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVEMGHYAHHAPWDINDL\*CCRRIVGNSILWGTCVERGKHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRSQPTRSSIEKCDRKF\*HVEKYHGGTDA\*GYNQFMGSKPKAMCKINPTLCYFKL\*\*C\*HHCC\*HH\*HPI\*\*LDKDRARGNKKLLFQHHLKHKR\*DAERICTFV\*S\*YSTNR\*\*\*C\*L\*VNKL\*HLSHYTSLSKSNL\*TNPHTLLCPCWFCDSKM\*Q\*DVQWKRRM\*KCQHSTMYTWN\*ASSINSTAVKWQPSRRRDSN\*I\*QFHGQC\*DHNSTAE\*VYSN\*LYKTQEQNKXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX\*HFKTGSKKIKRTVWE\*NNNL\*SILRRRPRDCNAQF\*L\*RGIFLL\*HNKTV\*\*YLDLE\*Y\*WRRVVK\*H\*NK\*HNHTPVQNKTNYKYVAGSRKSNVCPSHQRIN\*LFIKYYRVTVNKRWWY\*\*\*HGQ\*\*NLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHRGKEKSGAEREKSSGNRSFVHWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQFAEGY\*GATASVATHRLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISGLHLE\*HDLDGLGKRN\*QLHRLNI\*FN\*RIAEPARKE\*TRIISIR\*MGKFVELV\*HIKVAVVYKNIHNDSRRLDRFKNSFYCAFNSKQS\*AGILTIVISDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.-.JX503082.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCLHCQVCFLTKGLGISYGRKKRRQRRRTPKDSQTHQVPLPEQ\*VVHVMQPLQIAAIAALVVVTIIAIVVWSIVGIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVEMGHYAHHAPWDINDL\*CCRTVGNSILWGTCVERGKHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRSQPTRSSIEKCDRKF\*HVEKYHGGTDA\*GYNQFMGSKPKAMCKINPTLCYFKL\*\*C\*HHCC\*HH\*HPI\*\*LDKDRARGNKKLLFQHHLKHKR\*DAERICTFV\*S\*YSTNR\*\*\*C\*L\*VNKL\*HLSHYTSLSKSNL\*TNPHTLLCPCWFCDSKM\*Q\*DVQWKRRM\*KCQHSTMYTWN\*ASSINSTAVKWQPSRRRDSN\*I\*QFLGQC\*DHNSTAE\*VYSN\*LYKTQQQHKKRYKYRTRESMVYNRRGNRGYKKGTL\*H\*YSKME\*HFKTGSKKIKRTVWE\*NNNL\*SILRRRPRDCNAQF\*LWRGIFLL\*HNKTV\*\*YLDLE\*Y\*WRRVVK\*H\*NK\*HNHTPVQNKTNYKYVAGSRKSNVCPSHQRIN\*LFIKYYRVTVNKRWWY\*\*GHE\*NLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHRGKEKSGAEREKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISGLHLE\*HDLDGLGKRN\*QLHRLNI\*FN\*RIAKPARKE\*TRIISIR\*MGKFVELV\*HIKVAVVYKNIHNDSRRLDRFKNSFYCAFNSEQS\*AGILTIVISDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.-.JX503083.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCLHCQVCFLTKGLGISYGRKKRRQRRRTPKDSQTHQVPLPEQ\*VVHVMQPLQIAAIVALVVVTIIAIVVWSIVGIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVEMGHYAHHAPWDINDL\*CCRTIVGNSILWGTCVERGKHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRSQPTRSSIEKCDRKF\*HVEKYHGGTDA\*GYNQFMGSKPKAMCKINPTLCYFKL\*\*C\*HHCC\*PH\*HPI\*\*LDKDRARGNKKLLFQHHLKHKR\*DAERICTFV\*S\*YSTNR\*\*\*C\*L\*VNKL\*HLSHYTSLSKSNL\*TNPHTLLCPCWFCDSKM\*Q\*DVQWKRRM\*KCQHSTMYTWN\*ASSINSTAVKWQPSRKRDSN\*I\*QFLGQC\*DHNSTAE\*VYSN\*LYKTQQQHKKRYKYRTRESMVCNRRGNRGYKKGTL\*H\*YSKME\*HFKTGSKKIKRTVWE\*NNNL\*SILRRRPRDCNAQF\*LWRGIFLL\*HNKTV\*\*YLDLECYYRRRVVK\*H\*NK\*HNHTPVQNKTNYKYVAGSRKSNVCPSHQRIN\*LFIKYYRVTVNKRWW\*Y\*YLEQ\*\*NLQTWRRKYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAEREKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISGLHLE\*HDLDAVGKRN\*QLHRLNI\*FN\*GIAKPARKE\*TRIISIR\*MGKFVELV\*HIKVAVVYKNIHNDSRRLDRFKNSFYCTFNSEQS\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2005.JX863919.acute\_infection

MDPVDPRLEPWKHPGSQPKTACNNCYCKXCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTHQVSIPKQ\*VVPVMQXLYILTVVAFIVALIIAIVVWSIVYIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSGLVERGHLAPWDVNDL\*C\*KIVGHSLLWGTCVERSKHLSILCIRC\*SI\*DRST\*CLGHTCLCTH\*PQPTRSSIGKCDRKF\*HVDK\*YGRTDA\*GYNQLMGSKPKALCKINPTLCYFKLH\*SEQYYGERRNEKLLFQYHHNHKR\*GA\*RICTFL\*T\*YNTNRR\*Y\*L\*VDKL\*HLSPYTSLSKGIL\*TNSHTLLCPSWFCDFKV\*\*\*DIQWNRTM\*KCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*ICKFLGQC\*KHISTVERICRN\*VYKTQQQYKKKYNYRTRESILCNRSNNRRYKTSTL\*H\*\*KKLE\*HFTSGS\*QIKKTI\*QNNNLQALLRGGPRDCITHF\*LWRGIFLL\*FITTV\*\*YLVTGGHWK\*HNHATMQNKTNCKHVAGSRKSNVCPSHQRTN\*LYIKYYRADINKRWWC\*YE\*DFQTWRRKYEGQLEK\*II\*I\*SSKN\*TNRISTHQGTEKSGAERKKSNRTRSCVPWVSRSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATTYVATHSLGHQAAPGKSPGSGKIPKGSTAHGDLGLLWKTHLHHCCALE\*\*LEQ\*ICRLYLGKHDLDGMGKRN\*QSYXLNIHLT\*RIAKPTRKE\*TRFIGIG\*MGKFVDLV\*HIKLAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIVVSDPLPSXXGTRKARRNRRRRWRERQRQIQSI

>B.2007.JX863921.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRRTSQDSETHQDSLPEQ\*VIHVMQSLEIYSIVALVIAAIIAIVVWSIVFIEYRKILRQRKIDSLIDRIRERAEDSGNESEGDHEELSALVEMGHDAPWDIDDL\*C\*RKFVGHSVLWGTCVERSNHHSILCIRC\*SI\*\*RSS\*CLGHTCLCTHRPRPTRNGIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCHFKLY\*C\*CYY\*\*RGNEKLLFQYLHRHTR\*EAEKLCTFLCNGYNTNR\*\*Y\*L\*VGKL\*YISHYTSLPKNIL\*ANSHTLLCPGWFCDSKM\*G\*EFQWNGTMYKCQHSTMYTWN\*ASSVNSTAVEWQSSRR\*GNNKI\*KYHK\*CQNHNSTVE\*NCTN\*LYKAR\*QYKKKYKNRTRKHILCTWRYNRRYKTSAL\*H\*\*KTME\*HFKNDS\*KIRRTI\*\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YSRTV\*\*YLG\*\*QVK\*HRNHTPM\*NKTNYKHVAGSRKSNVCPSHCRTN\*LHIKYYRAAIDKRWWYRQ\*\*Y\*DLQTWRRRYEG\*LEK\*II\*I\*GSKN\*TIRNSTHQGKEKSGAEREKSSGTGSFVPWVLGNSRKHYGRSVNSADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQATPGKSPGCGKIPKGSTAPRDXGLLWKTHLHH\*CALEC\*LE\*\*IYE\*HLAQXDLDAVGKRN\*QSHKLNILLT\*NSAIPARKE\*TRIIGIG\*MGKFVELV\*HNTLAVVYKNIYNGSSRFGRFKNSFYCTFYSE\*S\*AGIFTIVVSDPPPSSEGTRQARRNRRRRWRARQRQIQSI

>B.2007.JX863922.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRRTSQDSETHQDSLPEQ\*VIHVMQSLEIYSIVALVIVAIIAIVVWSIVFIEYRKILRQRKIDSLIDRIRERAEDSGNESEGDHEELSALVEMGHDAPWDIDDL\*C\*RKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*\*RSS\*CLGHTCLCTHRPRPTRNEIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCHFKLY\*C\*CYY\*\*RGNEKLLFQYLHRHTR\*EAEKLCTFLCNGYNTNR\*\*Y\*L\*VGKL\*YLSHYTSLPKNIL\*ANSHTLLCPGWFCDSKM\*G\*EFQWNGTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRR\*GNNKI\*KYHK\*CQNHNSTVE\*NCTN\*LYKAR\*QYKKKYKNRTRKHILCTRRYNRRYKTSTL\*H\*\*KTME\*HFKNDS\*KIRRTI\*\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNRPV\*\*YLE\*\*QVK\*HRNHTPM\*NKTNYKHVAGSRKSNVCPSHCRTN\*LHIKYYRAAIDKRWWYRQ\*\*Y\*DLQTWRRRYEG\*LEK\*II\*I\*GSKN\*TIRNSTHQGKEKSGAEREKSSGTGSFVPWVLGNSRKHYGRSVNSADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CSLEC\*LE\*\*IYG\*HLVQYDLDAVGKRN\*QSHKLNILLT\*NSAIPARKE\*TRIIGIG\*MGKFVELV\*HNTLAVVYKNIYNGGSRFGRFKNSFYCTFYSE\*S\*AGIFTIVVSDPPPSSEGTRQARRNRRRRWRARQRQIQSI

>B.2009.JX863923.acute\_infection

MDPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTHQVSIPKQ\*VVPVMQSLYILTVVAFIVALIIAIVVWSIVYIEYRKILRQRKIDRLIDRIIDRAEDSGNESDGDQEELSGLVERGHLAPWDVNDL\*C\*KIVGHSLLWGTCVERSKHLSILCIRC\*SI\*DRST\*CLGHTCLCTH\*PQPTRSSIGKCDRKF\*HVDK\*YGRTDA\*GYNQLMGSKPKALCKINPTLCYFKLQ\*AEQY\*WNRRNEKLLFQYHHNHKR\*GA\*RICTFL\*T\*YNTNRR\*Y\*L\*VDKL\*HLSPYTSLSKGIL\*TNSHTLLCPSWFCDFKV\*\*\*DIQWNRTM\*KCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*ICKFLGQC\*KHISTVERICRN\*VYKTQQQYKKKYNYRTRESILCNRSNNRRYKTSTL\*H\*\*TKLD\*HFTSGS\*QIKKTI\*QNNKLRALLRGGPRDCITHF\*LWRGIFLL\*FITTV\*\*YLAK\*H\*RKWHNHATMQNKTNCKHVAGSRKSNVCPSHQRTN\*LYIKYYRADINKRWWWHQ\*YD\*DFQTWRRKYEGQLEK\*II\*I\*SSKN\*TNRISTHQGTEKSGAERKKSNRTRSCVPWVPRSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATTYVATHSLGHQAAPGKSPGSGKIPKGSTAHGDLGLLWKTHLHHYCALE\*\*LEQ\*ICRLYLGKHDLDGMGKRN\*QSYKLNIHLT\*RIAKPTRKE\*TRFIGIG\*MGNFVDLV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIVVSDPLPSPEGTRKARRNRRRRWRERQRQIQSI

>B.2009.JX863924.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRRTSQDSETHQDSLPEQ\*VIHVMQSLEIYSIVALVIVAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEMGHDAPWDIDDL\*C\*RKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*\*RSS\*CLGHTCLCTHRPRPTGNEIGKCDRRF\*HVEK\*HGRTNA\*RYNQFMGSKPKAMCKINPALCHFELY\*C\*CYY\*\*RGNEKLLFQYLHRHTR\*EAEKLCTFLCNGYNTNR\*\*\*\*L\*VGKL\*YLSHYTSLPKNIL\*ANSHTLLCPGWFCDSKM\*G\*EF\*WNGTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRR\*GNNKI\*KYHK\*CQNHNSTVE\*NCTN\*LYKAR\*QYKKKYKNRTRKHILCTWRYNRRYKTSTL\*H\*\*KTME\*HFKNDS\*KXRRTI\*\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNRSV\*\*YLE\*\*QVK\*CRNHTPM\*NKTNYKHVAGSRKSNVCPSHCRTN\*LHIKYYRAAIDKRWWYRQ\*\*Y\*DLQTWRRRYEG\*LEK\*II\*I\*GSKN\*TIRNSTHQGKEKSGAEREKSSGTGSFVPWVLGNSRKHYGRSVNSADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CSLEC\*LE\*\*IYE\*HLGKYDLDAVGKRN\*QSHKLNILLT\*NSAIPARKE\*TRIIGIG\*MGKFVELV\*HNTVAMVYKNIYNGSSRFGRFKNSFYCTFYSE\*S\*AGIFTIVISDPPPSSEGTRQARRNRRRRWRARQRQIQSI

>B.2009.JX960597.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLKKGLGISYGRKKRRQRRRTPQDSQTHQASLSKQ\*VVYVMQLPEILVILALVVAAIIAIVVWSIVFIEYRKILRQKKIDRLIARIGERAEDSGNESEGDQEELSALMEMGHRAPWDIDDL\*CFRQIVGHSLLWSTCVERSNHHSILCIR\*\*SI\*YRVT\*CLGHTCLCTHRPQPTRNRVGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPTAMCKINSTLCYFRVH\*LGC\*\*DQC\*Y\*H\*\*ERENKKHRERRNKKLFFQCHHKYKR\*DAETICTFLYT\*CSTNR\*\*\*\*S\*\*\*\*CYQI\*VDKL\*HLSYYTGLSKGIL\*ANSHTLLYPGWFCDSKV\*R\*AVQWNRAM\*KCQHSTMYTWN\*ASSVNSTAVKWQPSRKRGSN\*I\*QFHEQC\*NHNSTADKSSEHYLYKTQQQYKKKYTYRTRESILCNRGNNRRYKTSTLYP\*\*NRLDEHFTTDS\*KIKSPI\*E\*NNNL\*SILRRGPRNCNAQF\*LWGGIFLL\*LNTTV\*QYLGEWDTGRMDTA\*\*E\*Y\*RVKYHPPMQNKTIYKHVAGSRKSNVCPSHQWTNQVFIKYYRTAINKRWGRGERDLQA\*RRRYEGQLEK\*II\*I\*SSEN\*TIRSSTH\*GKEKSGAERKKSSDRSYVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKAHLHHCCALE\*\*LE\*QISR\*DLE\*YDLDGVGERN\*QLHKLNIQFN\*RIAEPAGKK\*TRIIGIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIQSI

>B.2009.JX960598.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCYHCLVCFLTKGLGISYGRKKRRQRRRTPPDSQNHQASLPKQ\*VVYVMQALHIAAIVSLVVAAIIAIVVWSIVIIEYKKILRQRKIDRILDRIRDRAEDSGNESDGDQEELSALVERGHLAPWDINDL\*GYRTIVGHGLLWGTCVERSNHHSILCIRC\*SI\*YRGTQCLGHTCLCTHRPQPTRGSNKCDRRF\*HVGK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYYELHPTQCQHW\*QQEYH\*\*L\*N\*\*\*L\*NKKLLFQCYHKHKR\*GEERTCPF\*YNGSSTNRR\*\*EY\*Y\*L\*IDKL\*HLTHYTGLSKGIL\*ANSHTLLYPSWFCDSTV\*R\*NIQWNRTMSKCQYSTMYTWN\*ASSINSTTVKWQSSXTRGNN\*V\*KYLGQYQKHNSTAENSCKHNLYKTQ\*\*YKKKYKYRTRQSILCNRRNNRRHKKSKLYP\*WNTVGKHFKTDS\*KIKRTL\*\*NNSL\*SILRRGPRNCNAQFQL\*RRIFLL\*YNTTV\*\*YLE\*HSY\*E\*YWERKWKPYHTPMQNKTNYKHVAGSRKSNVCPSHQRTT\*MFIKYYRADISKRWWCCQYYHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRTSTHQGKKKSGAKRKKSSGNRSSVPWVLGSSRKHYGRSVDDVDGTGQTIIVWYSATAKQLAEGY\*GATAYVATHSMGHQAAPSKSPGAGKIPKGSTAHGDLGLLWKTHLHHYCALEY\*LE\*QKSESDLG\*HDLVTMGKRN\*\*LHRRNIPIT\*RIAKPTRKE\*TRITGVR\*MSKFVELV\*HNTLAVVYQNIHNDSRRLDRFKNSFYCTFYSE\*SQAGILTIIVADPPPNPEGTRQARRNRRRRWRERQRHIKAL

>B.2009.JX960599.-

MEPVDPSLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFMKKGLGIYYGRKKRRPRRGTSQGGQTHQGPLSKQ\*VVHVMVPLTILSIVALVVVAIIAIVVWTIVFIEYRKIVRQRKIDRLIDRISERAEDSGNESEGDQEELSALMEMGHHAPWNVNDM\*CYRTILGYSLLWGTCVERSNHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRDKIGKCDRRF\*HVGK\*HGRTNA\*RYN\*LMGSKLKAMCKVNPTLCYFKLH\*C\*DQ\*\*\*H\*C\*DQ\*\*YRNEKLHFQCHHNIKR\*GTERICTFL\*A\*CSTNR\*W\*\*\*\*\*Y\*YQQL\*VNKL\*HLNHYTSLSKGIV\*ANSHTLLYPSWFCASKV\*\*\*EVQWKRIMHQCQLSTMYTWN\*ANSVNSTVVKWQSSRRRGNN\*I\*KFHK\*C\*NHNSTAKQPCRNSLYKTQQQHKKRYPYGPRTSILCNRRDNRRYKTSIL\*H\*\*RRMEYHFTTGSYKIKRTI\*CNNNSL\*SKLRRRPRNCNAQF\*LWRGIFLLQYNTTV\*\*YLEYLG\*YYWE\*\*\*E\*YTEQYHTSM\*NKTNYKHVAGSRKSNVRPSHRRTN\*MFIRYYRTIISERW\*\*Q\*QYR\*QDRNFQTSGRKHEGQLEK\*II\*I\*SSKN\*TNRNSTHYGKEKSGAERKKSSDTRSYVPWVLRSSRKHNGRSVNNADGTGQTITVWYSATAEQFAEGH\*GATAYVATHSLGHQTAPGESPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*K\*NSRCYLE\*HDLEPMGKRN\*QLHRLNILLT\*KFTDPTRKE\*RRIIEIR\*LGKLVELV\*HIKVAVVYKDIHNDSRGLSRFKDNFCCTFYSK\*S\*AGILTIIISDPLPSPEGSRQARRNRRRRWRERQRHIRSI

>B.2007.JX972221.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VTYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*YRENDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WQTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*ELQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNNSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JX972222.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JX972223.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VTYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*YRENDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WQTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JX972224.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RENDGEGRSKKLFFQDHHRHKR\*NAEGVCTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRKN\*LLIKHYRTVINKRWWIREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JX972225.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JX972226.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRD\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JX972227.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKRAFGLGAVFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTTVPWNTSWSNKSLEQIWDNMTWMEWEREIDNYTGYIYQLIEESQNQQEKNEQELLALDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTHLPAQRGPDRPEGIGEEGGERDRDRSDPL

>B.2007.JX972228.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JX972229.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICKNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JX972230.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RENDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*SSQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HPHAPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.JX972231.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VTYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RENDGEGRNKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX972238.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGYLCGKKQSPPYFVHQMLKHIRQRHIMFGPHMPVYPQILTHKK\*NWKM\*QKILTCGKIKW\*TKCMRT\*SVYGIKA\*SHV\*NLPHSVLL\*TALMLVLAMVLMLLLTMVLMLQLVSVRMR\*KTALSMSPKA\*EISYRKNMHFFINLM\*LQ\*IIVILAICWYTVTPQSLHRLVQRYPLNQFPYIFVPQLVLRF\*SVIIRHSTEQDHVTMSAQYNAHMELSQ\*CQLSCC\*MAV\*QKKK\*\*LELKISQTMLRP\*\*YS\*MNL\*\*LIVQDLTIIQEKVYI\*DQGVQFMQQDK\*\*EI\*DKHIVTLVRRNGIKL\*D\*\*LKN\*ENNLENN\*RIKQ\*SLVPTQEGTQKLKCIVLIVEGNFSIVTQHGCLIIGLLIILGMILQGQITAQSHSHAE\*NKL\*IGGRK\*EKQCMPLPSQDKLTVHQILQGCY\*QEMVVRPTTATAVRPSDQGEEI\*RTIGEVNYINIK\*\*KLNH\*E\*HPPRQGEEWCREKKEQ\*H\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CNSRAIC\*GLLRRNSICCNSQSGASSSSRQESWLWKDT\*RINSS\*GFGVALENSSAPLMCLGITVGVIDLYKRFGIT\*PGCNGRKKLTTIQS\*YTP\*LRTRKTNKKKMN\*IY\*NWMTGQVCGIGLT\*QNGCGM\*KYS\*W\*\*EV\*\*V\*K\*FLLYFL\*\*IELGRDTHHCRFRPDPQQRGDPTGPKKSKEEVERETETDPEDQ

>B.2008.JX972239.-

MEPVNPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972240.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKRGKVGHSLLWGTCVERSSHHPILCIRC\*SI\*GRGT\*CLGHTCLCTHRS\*PTRSKIGKCDRKF\*HVEK\*NGRPNA\*GHNQSMGSKPKAMCKIYPTLCYSKLH\*C\*CWQWY\*CYC\*QWY\*CYN\*SQ\*E\*DEKLLFQCHQKRRK\*VTERICTFL\*T\*CSFNR\*\*\*Y\*LYVGTL\*LLSRYTGLSKDIL\*TNSHTFLCPSWFCDSKV\*\*\*DIQRNRTM\*QCQHSTMHTWN\*ASSVNSAVVKWQSSRRRSSN\*S\*KFHRQC\*DHNSTAK\*ICNN\*LYKT\*Q\*YKKKYTFRTRECNLCNRTNNRRYKTSTL\*H\*\*GEME\*NFKTNS\*KIKRTI\*RTIEE\*NNNL\*SPPRRGPRN\*NA\*F\*LWRGIFLL\*HNTAV\*\*LDF\*\*YLE\*YYRVK\*QHNHTPMQNKTNYK\*VAGNRKSNVCPSHRRTN\*LFIKYYRVAINKRWW\*DQQQQQQ\*DLQTRGRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHRGKEKSGAERKKNSNIRSYVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALE\*QLE\*\*IYTRDLE\*HDLDAMGERN\*QLYRVDIHLN\*GLAKPTRKK\*TRFIKIG\*LGKFVELV\*HNKMAVVCKNIHNGNRRFSRFKNSFYCTFYSE\*S\*AGILTIVVSDPIPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2008.JX972241.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFINLM\*LQ\*IIVILAICWYTVTPQSLHRLVQRYPLNQFPYIFVPQLVLRF\*SVIIRHSTEQDHVTMSAQYNAHMELSQ\*CQLSCC\*MAV\*QKKK\*\*LELKISQTMLRP\*\*YS\*MNL\*\*LIVQDLTIIQEKVYI\*DQGVQFMQQDK\*\*EI\*DKHIVTLVRRNGIKL\*D\*\*LKN\*ENNLENN\*RIKQ\*SLVPTQEGTQKLKCIVLIVEGNFSIVTQHGCLIIGLLIILGMILQGQITAQSHSHAE\*NKL\*IGGRK\*EKQCMPLPSQDKLTVHQILQGCY\*QEMVVRPTTATAVRPSDQGEEI\*RTIGEVNYINIK\*\*KLNH\*E\*HPPRQGEEWCREKKEQ\*H\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CNSRAIC\*GLLRRNSICCNSQSGASSSSRQESWLWKDT\*RINSS\*GFGVALENSSAPLMCLGMTVGVIDLYKRFGIT\*PGCNGRKKLTTIQS\*YTP\*LRTRKTNKKKMN\*IY\*NWMTGQVCGIGLT\*QNGCGM\*KYS\*W\*\*EV\*\*V\*K\*FLLYFL\*\*IELGRDTHHCRFRPDPQQRGDPTGPKKSKEEVERETETDPEDQ

>B.2008.JX972242.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKMN\*IY\*NWMTGQVCGIGLT\*QNGCGM\*KYS\*W\*\*EV\*\*V\*K\*FLLYFL\*\*IELGRDTHHCRFRPDPQQRGDPTGPKKSKEEVERETETDPEDQ

>B.2008.JX972243.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972244.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAKEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972245.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972246.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKRGKVGHSLLWGTCVERSSHHPILCIRC\*SI\*GRGT\*CLGHTCLCTHRS\*PTRSKIGKCDRKF\*HVEK\*NGRPNA\*GHNQSMGSKPKAMCKIYPTLCYSKLH\*C\*CWQWY\*CYC\*QWY\*CYN\*SQ\*E\*DEKLLFQCHQKRRK\*VTERICTFL\*T\*CSFNR\*\*\*Y\*LYVGTL\*LLSRYTGLSKDIL\*TNSHTFLCPSWFCDSKV\*\*\*DIQRNRTM\*QCQHSTMHTWN\*ASSVNSAVVKWQSSRRRSSN\*S\*KFHRQC\*DHNSTAK\*ICNN\*LYKT\*Q\*YKKKYTFRTRECNLCNRTNNRRYKTSTL\*H\*\*GEME\*NFKTNS\*KIKRTI\*RTIEE\*NNNL\*SPPRRGPRN\*NA\*F\*LWRGIFLL\*HNTAV\*\*LDF\*\*YLE\*YYRVK\*QHNHTPMQNKTNYK\*VAGNRKSNVCPSHRRTN\*LFIKYYRVAINKRWW\*DQQQQQQ\*DLQTRGRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHRGKEKSGAERKKNSNIRSYVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALE\*QLE\*\*IYTRDLE\*HDLDAMGERN\*QLYRVDIHLN\*GLAKPTRKK\*TRFIKIG\*LGKFVELV\*HNKMAVVCKNIHNGNRRFSRFKNSFYCTFYSE\*S\*AGILTIVVSDPIPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2008.JX972247.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVFSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972248.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKITPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972249.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972250.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972251.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972252.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972253.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972254.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972255.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972256.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972257.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972258.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGADAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972259.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972260.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972261.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972262.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFKEQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972263.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNISTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972264.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972265.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAGKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972266.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNNTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972267.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972268.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972269.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972270.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPTGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITSHAE\*NKL\*IGGRK\*EKQCMPLPSQDKLTVHQILQGCY\*QEMVVRPTTATAVRPSDQGEEI\*RTIGEVNYINIK\*\*KLNH\*E\*HPPRQGEEWCREKKEQ\*H\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CNSRAIC\*GLLRRNSICCNSQSGASSSSRQESWLWKDT\*RINSS\*GFGVALENSSAPLMCLGMTVGVIDLYKRFGIT\*PGCNGRKKLTTIQS\*YTP\*LRTRKTNKKKMN\*IY\*NWMTGQVCGIGLT\*QNGCGM\*KYS\*W\*\*EV\*\*V\*K\*FLLYFL\*\*IELGRDTHHCRFRPDPQQRGDPTGPKKSKEEVERETETDPEDQ

>B.2008.JX972271.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972272.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972273.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YP\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFQPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972274.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972275.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972276.-

MKPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972277.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWDILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPSPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972278.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIERGGGERDRDRSGRS

>B.2008.JX972279.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQVHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972280.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972281.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972282.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVAPIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972283.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972284.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972285.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972286.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTITFSPHPGGDPEIEMHSGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTALSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972287.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTKARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDEWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972288.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKVYI\*DQGVQFMQQDK\*\*EI\*DKHIVTLVRRNGIKL\*D\*\*LKN\*ENNLENN\*RIKQ\*SLVPTQEGTQKLKCIVLIVEGNFSIVTQHGCLIIGLLIILGMILQGQITAQSHSHAE\*NKL\*IGGRK\*EKQCMPLPSQDKLTVHQILQGCY\*QEMVVRPTTATAVRPSDQGEEI\*RTIGEVNYINIK\*\*KLNH\*E\*HPPRQGEEWCREKKEQ\*H\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CNSRAIC\*GLLRRNSICCNSQSGASSSSRQESWLWKDT\*RINSS\*GFGVALENSSAPLMCLGMTVGVIDLYKRFGIT\*PGCNGRKKLTTIQS\*YTP\*LRTRKTNKKKMN\*IY\*NWMTGQVCGIGLT\*QNGCGM\*KYS\*W\*\*EV\*\*V\*K\*FLLYFL\*\*IELGRDTHHCRFRPDPQQRGDPTGPKKSKEEVERETETDPEDQ

>B.2008.JX972289.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972290.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972291.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972292.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972293.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972294.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972295.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972296.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972297.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEVHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972298.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972299.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972300.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLS\*GILLLGMLAMSSAKKEEK\*VTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGSKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLRFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972301.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972302.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972303.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972304.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972305.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972306.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972307.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENGQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972308.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972309.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972310.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972311.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972312.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972313.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNKSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972314.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972315.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICATNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972316.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VSM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGINATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972317.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972318.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972319.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDIASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972320.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972321.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972322.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKDK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972323.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLGYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972324.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*NKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972325.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972326.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*NKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972327.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNARTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972328.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972329.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEERWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIQLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFNITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972330.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*E\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972331.-

MEPVDPRLEPWKHPGSQPRTTCTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLRYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972332.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRAVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLRYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972333.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIENY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972334.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLRERFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972335.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972336.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972337.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972338.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKDK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEKKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972339.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDAIANNGTNATISLSENEMKNCSFNVTKSVGNKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRTVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLWYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2009.JX972340.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*E\*\*\*Q\*LCGL\*LT\*NIGNY\*DKGK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKEEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDTIANNGTNATISLRENEMKNCSFNVTKSVGKKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGNRTM\*QCQHSTMHTWN\*TSSVNSAVVKWQSSRRRSSN\*S\*KFHRQC\*DHNSTAK\*ICNN\*LYKT\*Q\*YKKKYTFRTRECNLCNRTNNRRYKTSTL\*H\*\*GEME\*NFKTNS\*KIKRTI\*RTIEE\*NNNL\*SPPRRGPRN\*NA\*F\*LWRGIFLL\*HNTAV\*\*LDF\*YLE\*YYRVK\*QHNHTPMQNKTNYK\*VAGNRKSNVCPSHRRTN\*LFIKYYRVAINKRWW\*DQQQQQQ\*DLQTRGRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNIRSYVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGYGKIPKGSTAPRDLGLLWKTHLHH\*CALE\*QLE\*\*IYTRNLE\*HDLDAMGERN\*QLYRVDIHLN\*GLAKPTRKK\*TRFIKIG\*LGKFVELV\*HNKMAEVCKNIHNGNRRFSRFKNSFYCTFYSE\*S\*AGILTIVVSDPIPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2009.JX972341.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*E\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKRKVGHSLLWGTCVERSSHHPILCIRC\*SI\*GRGT\*CLGHTCLCTHRS\*PTRSKIGKCDRKF\*HVEK\*NGRPNA\*GHNQSMGSKPKAMCKIYPTLCYSKLH\*CYC\*QWY\*CYS\*SQRE\*DEKLLFQCHQKRRKEVTERICTFL\*T\*CSFNR\*\*\*Y\*LYVGTL\*LLSRYTGLSKDIL\*TNSHTFLCPSWFCDSKV\*\*\*DIQRNRTM\*QCQHSTMHTWN\*ASSVNSAVVKWQSSRRRSNN\*S\*KFHRQC\*DHNSTAK\*ICNN\*LYQT\*Q\*YKKKYTFRTRECNLCNRTNNRRYKTSTL\*H\*\*GEME\*NFKTNS\*KIKRTI\*RTIEE\*NNNL\*SPPRRGPRN\*NA\*F\*LWRGIFLL\*HNTAV\*\*LDF\*\*Y\*E\*YYRVK\*QHNHTPMQNKTNYK\*VAGNRKSNVCPSHRRTN\*LFIKYYRVAINKRWW\*DQQQQQQ\*DLQTRGRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHRGKEKSGAERKKSSNIRSYVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGYGKIPKGSTAPRDLGLLWKTHLHH\*CALE\*QLE\*\*VYTRDLG\*HDLDAMGERN\*QLYRVDIHLN\*GLAKPTRKK\*TRFIKIG\*LGKFVELV\*HNKMAGVCKNIHNGNRRFSRFKNSFYCTFYSE\*S\*AGILTIVVSDPIPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2009.JX972342.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*E\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKEEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDANNGTNATISLRENEMKNCSFNVTKSVGKKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIQLGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNTWNDTTGSNNSIITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTKARRRVVQREKRAVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWDNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLRYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2009.JX972343.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*E\*\*\*Q\*LCGL\*LT\*NIGNY\*DKGK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDASAGNGTDANNGTNATISLRENEMKNCSFNVTKSVGKKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHIGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNTWNDTTGSNNSIITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRAVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWDNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLRYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2009.JX972344.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSANKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEIKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDAIAYNGTNATISLRENEMKNCSFNVTKSVGKKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVITQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEKEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHIGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTRNDTTGSNNSIITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTKARRRVVQREKRAVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLRYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2009.JX972345.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*E\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKKEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEVKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDAIANNGTNATISLRENEMKNCSFNVTKSVGKKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHFGPGSAIYATGQIIGDIRQAHCNISGEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNTWNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTEARRRVVQREKRAVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWDNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLRYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2009.JX972346.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*E\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAEKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEIKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDAIANNGTNATISLRENEMKNCSFNVTKSVGKKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHIGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTGNDTTGSNNSIITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTKARRRVVQREKRAVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLRYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2009.JX972347.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*R\*\*\*E\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAEKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEIKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDAIANNGTNATISLRENEMKNCSFNVTKSVGKKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHLGPGSAIFATGQIIGDIRQAHCNISAEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTGNDTTGSNNSTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSEYKVVKIEPLGIAPTKARRRVVQREKRAVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLRYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2009.JX972348.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*\*\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLTMSSAEKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEIKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDAIANNGTNATISLRENEMKNCSFNVTKSVGKKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEKEVIIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHIGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNNTSNDTTGPNNNTITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTKARRRVVQREKRAVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSSRSIQEIWDNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLRYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSLQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2009.JX972349.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQILAIVALVVTGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYCYH\*\*ERDKLH\*FRECYCYH\*\*\*RDIDGEGRSKKLFFHDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFGRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSTL\*H\*WNRMAWHFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGMG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972350.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQILAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECY\*YH\*\*EWDIDGEGRSKKLFFQDHHRHER\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKGTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*YDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFMELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972351.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVVLVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSTLVERGHLTLGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRE\*YYYH\*\*\*RDIDGGGRGKKLFFQDHHRNKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRKHNRRHKKSIL\*H\*WTRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCSSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWARSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHYGALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972352.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVVLVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSTLVERGHLTLGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRE\*YYYH\*\*\*RDIDGGGRGKKLFFQDHHRNKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRKHNRRHKKSIL\*H\*WTRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCSSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKGRVVQREKRAFGLGAVFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICPTTVPWNTSWSNKSLEQIWDNMTWMEWEREIDNYTGYIYQLIEESQNQQEKNEQELLALDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTHLPAQRGPDRPEGIGEEGGERDRDRSDPL

>B.2009.JX972353.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYKKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEKGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRE\*YYYH\*\*\*RDIDGGGRSKKLFFQDHHRNKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*\*C\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRKHNRRHKKSIL\*H\*WTRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAI\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSFWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYYTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972354.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQILAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*H\*WNRMA\*HFKTGS\*KIKRKI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWARSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTNLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972355.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQILAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYH\*\*EWDIDGEWDIDGEGRSKKLFFQDHHRHER\*NAEGICTFL\*T\*CSTNK\*YQL\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNDLHKTQQQYKKKYTHGTRESILCKRSHNRRHKKSTL\*H\*WNRMA\*HFKTSS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFIEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972356.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKVDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYHQ\*ERENDGEGRSKKLFFQDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQL\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSNQISQFQ\*QC\*NNNSTTE\*ICRNDLHKTQQQYKKKYTHGTRESILCKRRHNRRHKESTL\*H\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972357.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRCQSI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYY\*\*\*RDIDGEGRSKKLFFHDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCSGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFGRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*H\*WNRMA\*HFKTGS\*KIKRKI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972358.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISATVVLVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINAL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRE\*YYYH\*\*\*RDIDGGGRSKKLFFQDHHRNKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSPYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRKHNRRHKKSIL\*H\*WTRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972359.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQILAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYH\*\*EWDIDGEWDIDGEGRSKKLFFQDHHRRER\*NAEGICTFL\*T\*CSTNK\*YQL\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNDLHKTQQQYKKKYTHGTRESILCKRSHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972360.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQILAIVALVVTGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FSECYYYH\*\*ERDKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFHDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFGRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGMG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972361.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQILAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYH\*\*EWDIDGEWDIDGEGRSKKLFFQDHHRHER\*NAEGICTFL\*T\*CSTNK\*YQL\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNDLHKTQQQYKKKYTHGTRESILCKRSHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKRKI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVYPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972362.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINAL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRE\*YYYH\*\*\*RDIDGGGRSKKLFFQDHHRNKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSPYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRKHNRRHKKSIL\*H\*WTRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972363.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVVLVVTGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSTLVERGHLTLGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRE\*YYYH\*\*\*RDIDGGGRGKKLFFQDHHRNKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRKHNRRHKKSIL\*H\*WTRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCSSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWARSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHYGALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRITGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972364.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVVLVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSTLVERGHLTLGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRE\*YYH\*\*\*RDIDGGGRGKKLFFQDHHRNKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRKHNRRHKKSIL\*H\*WTRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCSSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWARSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHYGALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972365.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQILAIVALVVTGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDEDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSIHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYHY\*\*RDIDGEGRSKKLFFHDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFGRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTVINKRWWLREQ\*E\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGMG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972366.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVTGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSTLVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRE\*YYYH\*\*\*RDIDGGGRSKKLFFQDHHRNKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*H\*WNRMA\*HFKTGS\*KIKRKI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972367.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQILAIVALVVTGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFHDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFGRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGMG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972368.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQILAIVALVVTGIIAIVVWSIVAIEYRKILRQRKIDRIIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFHDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFGRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGHSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGMG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972369.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQILAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*EAIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFGRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*H\*WNRMA\*HFKTGS\*KIKRKI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWARSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972370.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRRIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHNLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYY\*\*\*RDIDGEGRSKKLFFHDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCSGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFGRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*H\*WNRMA\*HFKTGS\*KIKRKI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972371.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQVSLSKQ\*VICVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*GI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYHQ\*ERENDGEGRSKKLFFQDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQL\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNDLHKTQQQYKKKYTHGTRESILCKRSHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972372.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VIYVMNALQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYHQ\*ERENDGEGRSKLFFQDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCNSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNDLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*GVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972373.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQILAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYH\*\*EWDIDGEWDIDGEGRSKKLFFQDHHRHER\*NAEGICTFL\*T\*CSTNK\*YQL\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNDLHKTQQQYKKKYTHGTRESILCKRSHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX972374.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRESY\*YH\*\*YRENDGEGRSKKLFFQDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQGQC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WQTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX972375.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKNVTENFNMWENNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTDLEKVTNTTNSTEKMMEKGEVKNCSFKITTDRKDRTRKEYALFYKLDVVPINDTRYRLVSCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDKQFMGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSVNFSDNAKTIIVQLNKSVEINCTRPHNNTRKSIPMGPGKAFYARGDITGDIRKAYCEINGTEWHSTLKLVVEKLREQYNKTIVFNRSSGGDPEIVMYSFNCGGEFFYCNSTKLFNSTWPWNDTKGSHDTNGKLILPCRIKQIINMWQGVGKAMYAPPIEGQIRCSSNITGLLLTRDGGYESNETDEIFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAFGLGAVFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTTVPWNTSWSNKSLEQIWDNMTWMEWEREIDNYTGYIYQLIEESQNQQEKNEQELLALDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTHLPAQRGPDRPEGIGEEGGERDRDRSDPL

>B.2008.JX972376.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKRCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVTIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTGVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*T\*WNRMA\*HFKTGS\*KIKKTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTIINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWARSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHYGALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX972377.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSVQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FREGY\*YH\*\*\*RDNDGEGRSKKLFLQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNGRHKKSIL\*N\*WNRMA\*HFKTSS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX972378.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRESY\*YH\*\*YRENDGEGRSKKLFFQDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQGQC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTKQ\*SLIAPQEGTQKL\*CTVSIAEGNFSTVIQQSCLIVLGLGMILKGHMTLMANSYSHAE\*NKL\*TCGRE\*EKQCMPLPSKEKLDAHQTLQDCY\*QEMVVTRAIRLMRSSDLEEEI\*GTIGGVNYINIK\*\*KLNHWE\*HLPRQRGEWCRGKKEHLD\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CNSRTIY\*GLLRRNSICCNSQSGALSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCLGILVGVINLWNRFGIT\*HGWSGKEKLTIIQATYTN\*LKSRRTNKKRMNKNYWHWINGQVCGIGLT\*QTGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYHFRPTSQPRGDPTGPKESEKKVERETETDPIH\*

>B.2008.JX972379.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRESY\*YH\*\*YRENDGEGRSKKLFFQDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGSWKIKRKI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*RNKLAVVYKNIHNDSRRLNRFKNSFYCTFDSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX972380.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSLVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRESY\*YH\*\*YRENDGEGRSKKLFFQDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQGQC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WQTHTPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX972381.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCNRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRE\*YYYH\*\*\*RDIDGEGRSKKLFFQDHHRQKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHGNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WQTHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX972382.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*YRENDGEGRSKKLFFQDHHRPKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQGQC\*NNNSTTE\*ICRN\*LRKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WQTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX972383.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*YRENDGEGRSKKLFFQDHHRPKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKM\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQGQC\*NNNSTTE\*ICRN\*LRKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WQTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX972384.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRQEVELKNVTENFNMWENNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTDLEKVTNTTNSTEKMMEKGEVKNCSFKITTDVKDRTRKEYALFYKLDVVPINDTRYRLVSCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDKQFIGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSVNFSDNAKTIIVQLNKSVEINCTRPHNNTRKSIPMGPGKAFYARGDIIGDIRKAYCEINGTEWHSTLKLVVGKLREKYNKTIVFNRSSGGDPEIVMYSFNCGGEFFYCNSTKLFNSTWPWNDTKGSHDTNDTLMLPCKIKQIINMWQGVGKAMYAPPIEGQIRCSSNITGLLLTRDGGYESNETDEIFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAFGLGAVFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTTVPWNTSWSNKSLEQIWDNMTWMEWEREIDNYTGYIYQLIEESQNQQEKNEQELLALDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTHLPAQRGPDRPEGIGEEGGERDRDRSDPL

>B.2008.JX972385.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTGVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*T\*WNRMA\*HFKTGS\*KIKKTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWARSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHYGALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX972386.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTGVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKAQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*T\*WNRMA\*HFKTGS\*TIKKTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEG\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CNSRTIC\*GLLRRNSICCNSQSGALSSSRQESWLWKDT\*RINSS\*GFGVALENSSAPLRCLGILVGVINLWNRFGIT\*HGWSGKEKLTIIQATYTN\*LKNRRTNKKRMNKNYWHWINGQVCGIGLT\*QTGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYHFRPTSQPRGDPTGPKESEKKVERETETDPIH\*

>B.2008.JX972387.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYH\*\*ERDIDGEGRSKKLFFQDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCSGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNDLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKNGS\*KIKRTI\*\*NNSL\*SLLRRGPRNRNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WQTHTPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVTTHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGRRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX972388.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*E\*\*\*Q\*LCGL\*LT\*NIGNY\*DKEK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAQKEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEIKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDAIANNDTNATISLRENEMKNCSFNVTKSVGKKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHIGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNTWNDTTGSNNSIITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTGARRRVVQREKRAVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLRYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2009.JX972389.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQVSVSKQ\*VYM\*\*YL\*QYYQ\*\*L\*\*\*E\*\*\*Q\*LCGL\*LT\*NIGNY\*DKGK\*IGYLIG\*ETEQKTVAMRVMGTKKNYQHLSWGILLLGMLAMSSAKEEEKWVTVYYGVPVWKEAVTTLFCASDAKAYKAEAHNVWATHACVPTDPNPQEIKLENVTENFNMWKNKMVDQMHEDIISLWDQSLKPCVKFTPLCVTLNCTDAIANNGTNATISLRENEMKNCSFNVTKSVGKKLQKEYALFYKLDVASIDNSNTSYMLVHCNSSVVTQACPKISFEPIPIHFCAPAGFAILKCNNKTFNGTGPCNNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRAENFTDNAKTIIVQLNESVIINCTRPNNNTRKSIHIGPGSAIYATGQIIGDIRQAHCNISEEKWNKTLRLIAEKLREQFREQLKNKTIIFSPHPGGDPEIEMHSFNCGGEFFYCNTTRLFNNWTSNTWNDTTGSNNSIITLPCRIKQIINRWQEIGKAMYAPPIAGQINCSSNITGLLLTRDGGKTNNSNSSETFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTKARRRVVQREKRAVTLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAMERYLKDQQLLGIWGCSGKLICTTNVPWNDSWSNRSIQEIWNNMTWMQWEKEIDNYTELIYTLIEDSQNQQEKNELDLLKLDDWASLWNWFDITKWLRYVKIFIMVIGGLVGLKIVFTVLSIVNRVRQGYSPLSFQTRSPAARGPDRPEEIEGGGGERDRDRSGRS

>B.2008.JX972390.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRKSILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972391.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972392.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNP\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972393.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972395.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972396.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972397.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSCVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972398.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972399.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972400.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAEAICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972401.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972402.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972403.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972404.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972405.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSDRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972406.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972407.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKEINNYTGLIYSLIEESQNQQEKNELDLLKLDSWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFAVLSIVNRVRQGYSPLSFQTRLPTPRGPDRPEGTGEEGGERDRDTSIRL

>B.2008.JX972408.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972409.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972410.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972411.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972412.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972413.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972414.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFYKVDVVPIENDESNDTYRLINCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNNKTFSGTGPCTDVSTVQCTHGIKPVISTQLLLNGSLAEEGIVIRSSNFTDNAKTIIVQLHKPVNITCVRPGNNTRKSITIGPGRAFYATGEIIGDIRKAHCNISKTEWYNTLNQTAIKLREQFPNKTIIFNQSSGGDLEIVMHSFNCRGEFFYCNTTPLFNSTWNFNSTENGTDVSNSTITLQCRIKQIINMWQEVGKAMYAPPIPGEIKCESNITGLLLTRDGGSSSNRTNETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQRERRAVGAFGAMFLGILGAAGSTMGAASITLTVQARLLLSGIVQQQSNLLKAIEAQQHLLQLTVWGIKQLQARILAIERYLKDQQLLGIWGCSGKLICTTTVPWNTSWSNKSLDVIWGNMTWMEWEKEINNYTGLIYSLIEESQNQQEKNELDLLKLDSWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFAVLSIVNRVRQGYSPLSFQTRLPTPRGPDRPEGTGEEGGERDRDTSIRL

>B.2008.JX972415.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972416.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972417.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972418.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972419.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKEKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972420.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972421.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972422.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972423.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972424.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LKK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDEVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972425.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972426.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972427.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972428.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972429.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972430.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSATVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSNGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972431.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972432.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSHKPVNITCVRPGNNTRKSITIGPGRAFYATGEIIGDIRKAHCNISKTEWYNTLNQTAIKLREQFPNKTIIFNQSSGGDLEIVMHSFNCRGEFFYCNTTPLFNSTWNFNSTENGTDVSNSTITLQCRIKQIINMWQEVGKAMYAPPIPGEIKCESNITGLLLTRDGGSSSNRTNETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQRERRAVGAFGAMFLGILGAAGSTMGAASITLTVQARLLLSGIVQQQSNLLKAIEAQQHLLQLTVWGIKQLQARVLAIERYLKDQQLLGIWGCSGKLICTTTVPWNTSWSNKSLDVIWGNMTWMEWEKEINNYTGLIYSLIEESQNQQEKNELDLLKLDSWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFAVLSIVNRVRQGYSPLSFQTRLPTPRGPDRPEGTGEEGGERDRDTSIRL

>B.2008.JX972433.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972434.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972435.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972436.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972437.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYGATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972438.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LDKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972439.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKKMN\*TY\*N\*IVGQVYGIGLI\*QTGCGT\*KYS\*\*\*\*EA\*\*V\*E\*FLLCFL\*\*IELGRDTHHYHFRPASQPRGDPTGPKEPEKKVERETETHPYD\*

>B.2008.JX972440.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLF\*YLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972441.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972442.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKKMN\*TY\*N\*IVGQVYGIGLI\*QTGCGT\*KYS\*\*\*\*EA\*\*V\*E\*FLLCFL\*\*IELGRDTHHYHFRPASQPRGDPTGPKEPEKKVERETETHPYD\*

>B.2008.JX972443.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLF\*YLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972444.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLF\*YLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972445.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972446.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972447.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972448.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972449.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972450.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972451.-

MEPVDPRLEPWKHPGSQPRIACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972452.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972453.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX972454.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX974235.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYAWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SIHRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX974236.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX974237.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX974238.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGECDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*X\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX974239.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFYRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*P\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISG\*DLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX974240.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVTTHSLGHQAAPGKNPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX974241.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*EYDTYRLINCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNNKTFSGTGPCTDVSTVQCTHGIKPVISTQLLLNGSLAEEGIVIRSSNFTNL\*ILPV\*DPATIQEKV\*L\*DQGEHFMQQEK\*\*EI\*EKHIVTLVKQNGITL\*TRQL\*N\*GNNFRTKQ\*SLINPQEGT\*KL\*CTVLIVEGSSSTVIQHHCLIVLGTLIALRMGLMCQIALSHSNVE\*NKL\*TCGRK\*EKQCMPLPSQEKLNVNQILQGYY\*QEMVVVAVTEQTKPSDLEEEI\*GIIGEVNYINIK\*\*KLNH\*E\*HPPRQRDEWCREKEEQWEHLELCSLGSWEQQEALWAQHQ\*R\*RYKPDYYCLV\*CSSRAIC\*KLLRRNNICCNSQSGASSSSRQESWL\*KDT\*RINSS\*RFGVALENSSAPLLCLGILAGVINLWM\*FGVT\*PGWSGKKKLTITQV\*YTA\*LKNRKTNKKKMN\*TY\*N\*IVGQVYGIGLI\*QTGCGT\*KYS\*\*X\*EA\*\*V\*E\*FLLCFL\*\*IELGRDTHHYHFRPASQPRGDPTGPKEPEKKVERETETHPYD\*

>B.2008.JX974242.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKGDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFHRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*H\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAEQSAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2008.JX974243.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCLHCQVCFLTKGLGIYYGRKKRRQRRRAHQDSETHQGALSTQ\*VLYVMNSSEILVIVALVVAAILAIVVWTIVFIQYRKILKQRKIDRLIGRILERAEDSGNESDGDQEELSAMVEKGHLAPWDVDGL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSKVGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*LEQY\*YH\*YHS\*YHS\*QSENRKRRNKKLLFQYLHKCTR\*NAETICAFL\*SRCSTNRE\*\*E\*\*YL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*NVQWNRTMYRCQHSTMYTWN\*ASNINSTAVKWQSGRRRNSN\*I\*QFYRQC\*NHNSTAAQTCKYYLCETRQQYKKKYNYRTRESILCNRRNNRRYKKSTL\*H\*\*NRMV\*HFKPDSYKIKGTISEQNNNL\*SILRRGPRNCNAQF\*L\*RGVLLL\*YNTTV\*\*YLEL\*\*P\*EWD\*CVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRRN\*M\*IKYYRATINKRWW\*\*Q\*QNKRNLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKETSGAERKKSSGSIWSYVPWDLGSSRKHYGRSINNADGTSQTIIVWYSAAAE\*SAESY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISGCDLG\*HDLDGVGKRN\*QLHRFNIQLN\*RIAKPTRKK\*TRLIEIR\*LGKFMELV\*YNKLAVVHKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRHIHTI

>B.2009.JX974247.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQILAIVALVVTGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYCYH\*\*ERDKLH\*FRECYCYH\*\*\*RDIDGEGRSKKLFFHDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFGRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSTL\*H\*WNRMAWHFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGMG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974248.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQILAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECY\*YH\*\*EWDIDGEGRSKKLFFQDHHRHER\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKGTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*YDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFMELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974249.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVVLVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSTLVERGHLTLGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRE\*YYYH\*\*\*RDIDGGGRGKKLFFQDHHRNKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRKHNRRHKKSIL\*H\*WTRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCSSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWARSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHYGALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974250.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVVLVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSTLVERGHLTLGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRE\*YYYH\*\*\*RDIDGGGRGKKLFFQDHHRNKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRKHNRRHKKSIL\*H\*WTRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCSSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKGRVVQREKRAFGLGAVFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICPTTVPWNTSWSNKSLEQIWDNMTWMEWEREIDNYTGYIYQLIEESQNQQEKNEQELLALDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTHLPAQRGPDRPEGIGEEGGERDRDRSDPL

>B.2009.JX974251.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYKKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEKGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRE\*YYYH\*\*\*RDIDGGGRSKKLFFQDHHRNKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*\*C\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRKHNRRHKKSIL\*H\*WTRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAI\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSFWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYYTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974252.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQILAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*H\*WNRMA\*HFKTGS\*KIKRKI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWARSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTNLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974253.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQILAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYH\*\*EWDIDGEWDIDGEGRSKKLFFQDHHRHER\*NAEGICTFL\*T\*CSTNK\*YQL\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNDLHKTQQQYKKKYTHGTRESILCKRSHNRRHKKSTL\*H\*WNRMA\*HFKTSS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFIEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974254.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKVDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYHQ\*ERENDGEGRSKKLFFQDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQL\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSNQISQFQ\*QC\*NNNSTTE\*ICRNDLHKTQQQYKKKYTHGTRESILCKRRHNRRHKESTL\*H\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974255.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRCQSI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYY\*\*\*RDIDGEGRSKKLFFHDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCSGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFGRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*H\*WNRMA\*HFKTGS\*KIKRKI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974256.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISATVVLVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINAL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRE\*YYYH\*\*\*RDIDGGGRSKKLFFQDHHRNKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSPYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRKHNRRHKKSIL\*H\*WTRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974257.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQILAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYH\*\*EWDIDGEWDIDGEGRSKKLFFQDHHRRER\*NAEGICTFL\*T\*CSTNK\*YQL\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNDLHKTQQQYKKKYTHGTRESILCKRSHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974258.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQILAIVALVVTGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FSECYYYH\*\*ERDKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFHDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFGRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGMG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974259.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQILAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYH\*\*EWDIDGEWDIDGEGRSKKLFFQDHHRHER\*NAEGICTFL\*T\*CSTNK\*YQL\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNDLHKTQQQYKKKYTHGTRESILCKRSHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKRKI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVYPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974260.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINAL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRE\*YYYH\*\*\*RDIDGGGRSKKLFFQDHHRNKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSPYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRKHNRRHKKSIL\*H\*WTRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974261.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVVLVVTGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSTLVERGHLTLGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRE\*YYYH\*\*\*RDIDGGGRGKKLFFQDHHRNKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRKHNRRHKKSIL\*H\*WTRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCSSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWARSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHYGALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRITGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974262.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVVLVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSTLVERGHLTLGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRE\*YYH\*\*\*RDIDGGGRGKKLFFQDHHRNKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRKHNRRHKKSIL\*H\*WTRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCSSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWARSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHYGALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974263.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQILAIVALVVTGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDEDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSIHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYHY\*\*RDIDGEGRSKKLFFHDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFGRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTVINKRWWLREQ\*E\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGMG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974264.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVTGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSTLVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRE\*YYYH\*\*\*RDIDGGGRSKKLFFQDHHRNKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*H\*WNRMA\*HFKTGS\*KIKRKI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974265.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQILAIVALVVTGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFHDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFGRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGMG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974266.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQILAIVALVVTGIIAIVVWSIVAIEYRKILRQRKIDRIIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFHDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFGRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGHSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGMG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974267.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQILAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*EAIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFGRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*H\*WNRMA\*HFKTGS\*KIKRKI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWARSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974268.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRRIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHNLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYY\*\*\*RDIDGEGRSKKLFFHDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCSGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFGRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*H\*WNRMA\*HFKTGS\*KIKRKI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974269.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQVSLSKQ\*VICVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*GI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYHQ\*ERENDGEGRSKKLFFQDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQL\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNDLHKTQQQYKKKYTHGTRESILCKRSHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974270.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VIYVMNALQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYHQ\*ERENDGEGRSKLFFQDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCNSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNDLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*GVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.JX974271.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQILAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYH\*\*EWDIDGEWDIDGEGRSKKLFFQDHHRHER\*NAEGICTFL\*T\*CSTNK\*YQL\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNDLHKTQQQYKKKYTHGTRESILCKRSHNRRHKKSTL\*H\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX974299.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRESY\*YH\*\*YRENDGEGRSKKLFFQDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQGQC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WQTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX974300.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKNVTENFNMWENNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTDLEKVTNTTNSTEKMMEKGEVKNCSFKITTDRKDRTRKEYALFYKLDVVPINDTRYRLVSCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDKQFMGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSVNFSDNAKTIIVQLNKSVEINCTRPHNNTRKSIPMGPGKAFYARGDITGDIRKAYCEINGTEWHSTLKLVVEKLREQYNKTIVFNRSSGGDPEIVMYSFNCGGEFFYCNSTKLFNSTWPWNDTKGSHDTNGKLILPCRIKQIINMWQGVGKAMYAPPIEGQIRCSSNITGLLLTRDGGYESNETDEIFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAFGLGAVFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTTVPWNTSWSNKSLEQIWDNMTWMEWEREIDNYTGYIYQLIEESQNQQEKNEQELLALDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTHLPAQRGPDRPEGIGEEGGERDRDRSDPL

>B.2008.JX974301.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKRCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVTIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTGVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*T\*WNRMA\*HFKTGS\*KIKKTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTIINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWARSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHYGALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX974302.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSVQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FREGY\*YH\*\*\*RDNDGEGRSKKLFLQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNGRHKKSIL\*N\*WNRMA\*HFKTSS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX974303.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRESY\*YH\*\*YRENDGEGRSKKLFFQDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQGQC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTKQ\*SLIAPQEGTQKL\*CTVSIAEGNFSTVIQQSCLIVLGLGMILKGHMTLMANSYSHAE\*NKL\*TCGRE\*EKQCMPLPSKEKLDAHQTLQDCY\*QEMVVTRAIRLMRSSDLEEEI\*GTIGGVNYINIK\*\*KLNHWE\*HLPRQRGEWCRGKKEHLD\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CNSRTIY\*GLLRRNSICCNSQSGALSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCLGILVGVINLWNRFGIT\*HGWSGKEKLTIIQATYTN\*LKSRRTNKKRMNKNYWHWINGQVCGIGLT\*QTGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYHFRPTSQPRGDPTGPKESEKKVERETETDPIH\*

>B.2008.JX974304.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRESY\*YH\*\*YRENDGEGRSKKLFFQDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGSWKIKRKI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHAPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*RNKLAVVYKNIHNDSRRLNRFKNSFYCTFDSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX974305.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSLVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRESY\*YH\*\*YRENDGEGRSKKLFFQDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQGQC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WQTHTPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX974306.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCNRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRE\*YYYH\*\*\*RDIDGEGRSKKLFFQDHHRQKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHGNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WQTHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX974307.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*YRENDGEGRSKKLFFQDHHRPKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQGQC\*NNNSTTE\*ICRN\*LRKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WQTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFTEGY\*GATASVATHSLGH\*AAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX974308.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*YRENDGEGRSKKLFFQDHHRPKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKM\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQGQC\*NNNSTTE\*ICRN\*LRKTPQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WQTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX974309.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRQEVELKNVTENFNMWENNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTDLEKVTNTTNSTEKMMEKGEVKNCSFKITTDVKDRTRKEYALFYKLDVVPINDTRYRLVSCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDKQFIGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSVNFSDNAKTIIVQLNKSVEINCTRPHNNTRKSIPMGPGKAFYARGDIIGDIRKAYCEINGTEWHSTLKLVVGKLREKYNKTIVFNRSSGGDPEIVMYSFNCGGEFFYCNSTKLFNSTWPWNDTKGSHDTNDTLMLPCKIKQIINMWQGVGKAMYAPPIEGQIRCSSNITGLLLTRDGGYESNETDEIFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAFGLGAVFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTTVPWNTSWSNKSLEQIWDNMTWMEWEREIDNYTGYIYQLIEESQNQQEKNEQELLALDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTHLPAQRGPDRPEGIGEEGGERDRDRSDPL

>B.2008.JX974310.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTGVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*T\*WNRMA\*HFKTGS\*KIKKTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWARSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHYGALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.JX974311.-

MEPVDPRLEPWKQPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRPRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTGVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*\*RDIDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRN\*LHKAQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*T\*WNRMA\*HFKTGS\*TIKKTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRRN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEG\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CNSRTIC\*GLLRRNSICCNSQSGALSSSRQESWLWKDT\*RINSS\*GFGVALENSSAPLRCLGILVGVINLWNRFGIT\*HGWSGKEKLTIIQATYTN\*LKNRRTNKKRMNKNYWHWINGQVCGIGLT\*QTGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYHFRPTSQPRGDPTGPKESEKKVERETETDPIH\*

>B.2008.JX974312.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNALQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECYYYH\*\*ERDKLH\*FRECYYYH\*\*ERDIDGEGRSKKLFFQDHHRRKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCSGWFCDSKV\*\*\*AIQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNDLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKNGS\*KIKRTI\*\*NNSL\*SLLRRGPRNRNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WQTHTPMQNKTNYKHVAGSRKSNVCPSHRRNN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVTTHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGRRN\*QLYRLHIPIN\*RVAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1983.K02007.symptomatic

MEPVDPNLEPWKHPGSQPRTACNNCYCKKCCFHCYACFTRKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVNVMQSLQILAIVSLVVVAIIAIVVWTIVLIEYRKILRQRK\*TD\*LIE\*EKKQKTVAMKVKGTRRNYQHLWRWGTLLLGMLMICSATEKLWVTVYYGVPVWKEATTTLFCASDARAYDTEVHNVWATHACVPTDPNPQEVVLGNVTENFNMWKNNMVEQMQEDIISLWDQSLKPCVKLTPLCVTLNCTDLGKATNTNSSNWKEEIKGEIKNCSFNITTSIRDKIQKENALFRNLDVVPIDNASTTTNYTNYRLIHCNRSVITQACPKVSFEPIPIHYCTPAGFAILKCNNKTFNGKGPCTNVSTVQCTHGIRPIVSTQLLLNGSLAEEEVVIRSDNFTNNAKTIIVQLNESVAINCTRPNNNTRKSIYIGPGRAFHTTGRIIGDIRKAHCNISRAQWNNTLEQIVKKLREQFGNNKTIVFNQSSGGDPEIVMHSFNCRGEFFYCNTTQLFNNTWRLNHTEGTKGNDTIILPCRIKQIINMWQEVGKAMYAPPIGGQISCSSNITGLLLTRDGGTNVTNDTEVFRPGGGDMRDNWRSELYKYKVIKIEPLGIAPTKAKRRVVQREKRAVGIVGAMFLGFLGAAGSTMGAVSLTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNASWSNKSLEDIWDNMTWMQWEREIDNYTNTIYTLLEESQNQQEKNEQELLELDKWASLWNWFSITNWLWYIKIFIMIVGGLVGLRIVFAVLSIVNRVRQGYSPLSFQTRLPVPRGPDRPDGIEEEGGERDRDRSVRL

>B.1983.K02013.AIDS

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRPPQGSQTHQVSLSKQ\*VVHVMQPIQIAIAALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALVEMGVEMGHHAPWDIDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FGECY\*YQ\*\*\*YQ\*\*\*RGNDDGERRDKKLLFQYQHKHKR\*GAERICIFL\*T\*YNTNR\*\*YYQLYVDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVEWQSSRRRGSN\*ICQFHRQC\*NHNSTAEPICRN\*LYKTQQQYKKKYPYPEGTRESICYNRKNRKYETSTL\*H\*\*SKMECHFKTDS\*QIKRTIWK\*\*NNNL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHTPMQNKTIYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*QQWVRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRTVNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLE\*HDLDGVGQRN\*QLHKLNTFLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.1983.K02083.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRPPQGSQTHQVSLSKQ\*VVHVMQPIQIAIVALVVAIIIAILVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALVEMGVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RENDNGERRDKKLLFQYQHKHKR\*GAERICIFL\*T\*YNTNR\*\*YYQLYVDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHRQC\*NHNSTAEPICRN\*LYKTQQQYKKKYPYPERTRESICYNRKNRKYETSTL\*H\*\*SKME\*HFKTDR\*QIKRTIWK\*\*NNNL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHTPMQNKTIYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*QQ\*VRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLE\*HDLDGVGQRN\*QLHKLNTLLN\*RIAKPARKE\*TRIIGIR\*MGKFVELVEHNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSK\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.1983.K03455.AIDS

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRAHQNSQTHQASLSKQ\*VVHVTQPIPIVAIVALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALVEMGVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RENDNGERRDKKLLFQYQHKHKR\*GAERICIFL\*T\*YNTNR\*\*YYQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHGQC\*NHNSTAEHICRN\*LYKTQQQYKKKNPYPERTRESICYNRKNRKYETSTL\*H\*\*SKME\*HFKTDS\*QIKRTIWK\*\*NNNL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHPPMQNKTNYKHVAESRKSNVCPSHQWTN\*MFIKYYRAAINKRWW\*\*QQ\*VRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSLNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLESHDLDGVGQRN\*QLHKLNTLLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.2009.KC112997.acute\_infection

MEPVDPSLEPWKHPGSQPKTACNACYCKKCSWHCQVCFLKKGLGISYGRKKRRQRRRPPQDSQTHQVSLPKQ\*VVNVMQSIQILAIVALVVVTIIAIVVWTIVLLEYRKILRQRKIDRLIKRISERAEDSGNESEGDQEELSALVERGHDAPWDVDDL\*YCTKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGYTCLCTHRPQPTRSIIG\*CDRKF\*YVEK\*HGRTDARGYNQLMGSKLKAMCKINPTLCHFKLH\*CD\*EYC\*KQYY\*WRNKKLLF\*YLHRNKR\*DTERTCIFF\*T\*CSTNR\*\*W\*\*C\*QYKL\*ANTL\*HFSHYTGLSKDIL\*ANSHTLLYPGWFCASKV\*\*QEVQWNRTM\*KCQHSTMYTWN\*ASSVNPTAVKWQSSRRRGSN\*ICQFHRQC\*NHNSTAEGTCKN\*LYKTQQQYKKRYTNGTREGILCNRRHNRRYKASTL\*P\*\*NRMGESFKPDS\*KIKGTF\*KQNNKL\*FIFRRGPRNCNVHF\*LWRGIFLL\*YNETI\*\*DLE\*\*\*\*YYK\*YKFK\*LRYHTPMQNKTNYKQMAGSRESNVCPSHPRTN\*MFIKYYRDAINKRWWTWE\*N\*\*Y\*GIQTWRRRYEGQLEK\*II\*I\*SSKN\*TVRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSINDADGTGQTIIVWYSAAAKQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*\*IFRLYLE\*YDLDGMGKRN\*QSHKLHIHLN\*KSAKPTRKE\*TRIIRIGSVGKFVELV\*YIQLAVVYKNIHNNSRRLSRLKNSYGCTFCSKQS\*AGILTIVVADPPPSTEGTRQARRNRRRRWRERQRQIRSI

>B.2010.KC113004.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTQKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VEVHVMTTLVICSIAALVVVAIIAIIVWTIVLIEYRKILRQRRIDRIIDRIRERAEDSGNESEGDQEELSKLVVDMGHLAPWDIDDL\*YCRELVGHSSLWGTCVERSEHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSTIGKCDRKF\*HVEE\*HGTTNA\*\*YNQFMG\*KPKAMCKIDPTLCYFKLH\*SKLH\*\*YF\*\*\*YCF\*\*YCF\*\*YFNVQ\*YYRGAGLGERGNKKLLFQCHQRNRR\*GAENICSF\*YA\*CNANRW\*\*YKLYINKL\*HLSH\*ADLSKGIL\*TNSHTLLCPGWFCDSKM\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSIAVKWQSI\*GRGNN\*I\*KSL\*QC\*HHNYTAE\*DSSN\*LYKTR\*QYKKKYITRTRESILCNRRHNRRYKTSIL\*H\*SSRLE\*NFNMDSHKIKRKI\*Q\*INNL\*AILRRGPRNCNAHV\*LWRGIFLL\*YNTTV\*\*YLE\*NCLE\*D\*QCK\*Q\*NYHTQMQNKTNYKQVAGSRKSNVCPSHQRIN\*MFIRYYRAAINKRWWEHE\*DH\*DLQTGRRRYEG\*LEK\*II\*I\*SSTN\*TNRNSTHQGKEKSGAERKKGSVRSIVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSTAPRNLGLLWKAHLHHCCAMEC\*LE\*\*NIQSDLG\*HDLDAVGERN\*QLHINNIRLD\*KIAKPTRKK\*TRLIGIG\*VGKFVELV\*DNKLAVVYKNIHNDSRRYSRFKNNFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRQRQKQIQTL

>B.2010.KC113005.acute\_infection

MEPVDPSLEPWKHPGSQPKTACNACYCKKCSWHCQVCFLKKGLGISYGRKKRRQRRRPPQDSQTHQVSLPKQ\*VVNVMQSIQILAIVALVVVAIIAIVVWTIVFLEYRKILRQRKIDRLIKRISERAEDSGNESEGDQEELSALVERGHDAPWDVDDL\*CCTKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGYTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDARGYNQLMGSKLKAMCKINPTLCHFKLH\*CD\*EYC\*KQYY\*WRNKKLLF\*YLHRNXR\*VTERTCIFF\*T\*CSTNR\*\*W\*\*C\*QYKI\*ANTL\*HVSHYTGLSKDIL\*ANSHTLLYPGWFCASKV\*\*QEVQWNRTMYKCQHSTMYTWN\*ASSVNPTAVKWQSSRRRGSN\*ICQFHRQC\*NHNSTAEGTCKN\*LYKTQQQYKKRYTNGTREGSLCNRGHNRRYKASTL\*P\*\*NRMGESFKPDS\*KIKGTI\*KQNNKL\*FIFRRGPRNCNVHF\*LWRGIFLL\*YNETV\*\*NLE\*\*\*\*YYK\*YKFK\*LRYHTPMQNKTNYKQMAGSRESNVCPSHPRTN\*MFIKYYRDAINKRWWTWE\*N\*\*Y\*GIQTWRRRYEGQLEK\*II\*I\*SSKN\*TVRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSITDADGTGQTIIVWYSAAAKQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*\*IFK\*YLG\*YDLDGMGKRN\*QSHKLHIHLN\*KSAKPTRKE\*TRIIRIGSVGKFVELV\*YIQLAVVYKNIHNNSRRLSRLKNSYGCTFCSKQS\*AGILTIVVADPPPSTEGTRQARRNRRRRWRERQRQIRSI

>B.2010.KC113010.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRTPQDSQTHQGALQTQ\*VVNVMQPLEIYAIVALVVVAIIAIVVWXIVFLEYRKILRQRRIDRIVNRIIERAEDSGNXSDGDQQXLLVEMGHDAPWDVDEL\*S\*\*QXVGHSILWGTCVERSNHHIILCIRC\*II\*YRGT\*CLGHTCLCTHRPQPTRSKIRKCDREI\*HVEK\*YGRSDA\*RYNQPMGSKPKAMCEINPTLCYFKLH\*IDY\*WYYNQXYKWY\*QCYNR\*RGNEKLLFQYHHKHKR\*DTKGICIFL\*PRYSINR\*\*\*\*\*YI\*GI\*VDKL\*YLSPYAGLSKGIL\*ANSNTLLCPGWFCNFKV\*\*\*EVQWNRRLQ\*CQYSTVYTWN\*TSSVNSTAVKW\*SSRRRDSN\*I\*KFHEQC\*KHNSTSE\*ISAN\*LYKAQQQYKKRXTYRTRENILCNRSNRXYKKSTL\*HK\*XXME\*XFRKDS\*KIKRXIWEQNNREQNNSL\*ALLRRGPRSCDAQF\*LWRGIFLL\*YNTTI\*\*YLAFEWN\*DRGHKYR\*QYHTPMQNKTNYKPVAGSRKSNVCPSHQRTN\*LFIKYYRVIINKRWWX\*Q\*HRNQRHRDFQTYRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAEREKSSNIXSSVPWVLGSSRKHYGRSVNDADGTGQTIINWYSATAEQSAESY\*GATAPVATHSLGH\*TAPGKSSGSGKIPTGSAAPRDLGLLWKTHLHH\*CALEY\*LEQ\*NYRRNLE\*HDLAAVGKRD\*QLYRINIQLT\*NFAKPARTK\*TRIIEIGHVGKFVELV\*YNKLAVVYKNIHNDSRRLDRFKNNFYCAFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRQRQRHINTI

>B.2007.KC312367.-

MEPVDPRLEPWKHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLEIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSILVEMGHDAPWDINDL\*C\*KLVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLLFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*\*\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NLTKGS\*KIKRTI\*E\*NNKF\*ALLRRGPRN\*NAQF\*LWRGVFLL\*LNKTV\*\*HLGCY\*TA\*\*HRE\*Y\*RVK\*DNHTPMQNKTNCKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*DQ\*DRGDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSREHYGRSVNDADGTS\*TIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNLGCGKIPKGSTAPGDLGLLWETHLHHCCALEC\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAEPTRKE\*KRLIRIRQLGKFVELV\*HNKLAVVYKNIHNDSRRLSRVKNSFFCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312368.-

MEPVDPRLEPWNHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLQIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIVERAEDSGNESEGDQEELSMLVEMGHDAPWDINDL\*C\*KIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTSKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSNLCYFKLH\*FGECYYYQW\*\*HGDGKRRNKKLLFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*QYKL\*VDKL\*HLSPYTGLSKGIFSANSHTLLCPGWFCDSKM\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTVNRTCKHYLHKTQ\*QYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RAVE\*NFTTDSYKIKRTI\*E\*NNKV\*ALRRRGPRSCNAQF\*LWKGIFLL\*LNTTV\*\*HLECY\*RA\*\*HWE\*Y\*RVKYHTPMQNKTNCKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*G\*QY\*Q\*HRDLQTCRRRHEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAERKKGSGTRSCVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAEPTRKE\*KRLIRIRQLGKFVELV\*HIKLAVVYKNIHNDSRRLSRVKNSFFCTFYSK\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312369.-

MEPVDPRLEPWNHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLEIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSILVEMGHDAPWDINDL\*C\*KLVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLFFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*\*\*QYKL\*VDKL\*HLSYYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTKGS\*KIKRTI\*E\*NNKF\*ALLRRGPRN\*NAQF\*LWRGVFLL\*LNKTV\*\*HLGCYYTA\*\*HRE\*Y\*RVK\*DNHTPMQNKTNYKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*DQ\*DRGDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPRVLGSSRKHYGRSINDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAEPTRKE\*KRLIRIRQLGKFVELV\*HNKVAVVYKNIHNDSRRLSRVKNSFFCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312370.-

MEPVDPRLEPWKHPGSQPRTPCTACYCKKCCFHCQACFIKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLQTIAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSILMEMGHHAPWDINDL\*C\*KIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPNLCYFKLY\*FGECYYYQC\*\*HGDGKRRNKKLLFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*\*\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPSWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYTKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTKGS\*KIKRTI\*E\*NNKI\*ALRRRGPRNCNTQF\*LWRGVFLL\*LNTTV\*\*HLECY\*KA\*\*HWE\*Y\*RVKYHTPMQNKTNCKHVARSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*GXQY\*Q\*DRGLQTWRRKHEGQLEK\*II\*I\*SSEN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSINDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKILKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAEPTRKE\*KRLIRIRQLGKFVELV\*HNKVAVVHKNIHNDSRRLSRVKNSFFCTLYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312371.-

MEPVDPRLEPWNHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLEIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSILVEMGHDAPWDINDL\*C\*KLVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPNLCHFKLH\*FGECYYYQC\*\*HGDGKRRNKKLFFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*\*\*QYKL\*VDKL\*HLSYYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTKGS\*KIKRTI\*E\*NNKF\*ALLRRGPRN\*NAQF\*LWRGVFLL\*LNKTV\*\*HLGCYYTA\*\*HRE\*Y\*RVK\*DNHTPMQNKTNYKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*DQ\*DRGDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPRVLGSSRKHYGRSINDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAEPTRKE\*KRLIRIRQLGKFVELV\*HNKVAVVYKNIHNDSRRLSRVKNSFFCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312372.-

MEPVDPRLEPWKHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLQIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSMLVEMGHDAPWDINDL\*C\*KFVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTR\*CDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLFFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*\*\*QFKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYTKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTKGS\*KIKRTI\*E\*NNKF\*ALLRRGPRN\*NAQF\*LWRGVFLL\*LNKTV\*\*HLGCYYTA\*\*HRE\*Y\*RVK\*DNHTPMQNKTNYKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*DQ\*DRGDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAASGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRNSQLYKLNIHLN\*RIAKPTRKE\*KRLIRIR\*LGKFVELV\*HNKVAVVYKNIHNDSRRLSRVKNSFFCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312373.-

MEPVDPRLEPWKHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLQIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSMLVEMGHDAPWDINNL\*C\*KLVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLFFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*\*\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRTRCSN\*D\*KYHRQYKNHNSTANRTCKHYLHKTQQQYTKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTTDSYKIKRTI\*E\*NNKV\*ALRRRGPRSCNXQF\*LWRGVFLL\*LNTTV\*\*HLGSY\*GA\*\*HWE\*Y\*RVKYHTPMQNKTNHKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*G\*QY\*Q\*HRDLQTCRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSREHYGRSVNDADGTSQTIIVWYSATAEQLAESY\*GATTSVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLHKLNIHLN\*RIAKPTRKE\*KRLIRIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLSRVKNSF\*CTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312374.-

MEPVDPRLEPWNHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLEIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSILVEMGHDAPWDINDL\*C\*KLVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLFFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*\*\*QYKL\*VDKL\*HLSYYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTKGS\*KIKRTI\*E\*NNKF\*ALLRRGPRN\*NAQF\*LWRGVFLL\*LNKTV\*\*HLGCYYTA\*\*HRE\*Y\*RVK\*DNHTPMQNKTNYKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*DQ\*DRGDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPRVLGSSRKHYGRSINDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAEPTRKE\*KRLIRIRQLGKFVELV\*HNKVAVVYKNIHNDSRRLSRVKNSFFCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312375.-

MEPVDPRLEPWKHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLEIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSILVEMGHHAPWDINDL\*C\*KIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLLFQYHHKHKR\*GKERICPLL\*T\*CSANR\*\*\*\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RAVE\*NFTTDSYKIKRTI\*E\*NNKF\*AFRRRGPRN\*NTQF\*LWRGVFLL\*LNTTV\*\*YLEYY\*KA\*\*HWE\*Y\*RVKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*DQ\*DRGDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHYCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAKPTRKE\*KRLIRIR\*LGKFVELV\*HNKVAVVYKNIHNDSRRLSRVKNSFFCTFYSK\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312376.-

MEPVDPRLEPWNHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQAPLPKQ\*VVHVMQSLEIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSMLVEMGHDAPWDINDL\*C\*KLVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPNLCYFELH\*FGECYYYQC\*\*HGDGKRRNKKLLFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*E\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RAVE\*NFTTDSYKIKRTI\*E\*NNKV\*ALRRRGPRSCNAQF\*LWRGVFLL\*LNTTV\*\*HLECY\*RA\*\*HWE\*Y\*RVKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*\*QY\*Q\*HRDLQTCRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAKPTRKE\*KRLIRIR\*LGKFVELV\*HIKLAVVYKNIHNDSRRLNRVKNSFFCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312377.-

MEPVDPRLEPWKHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLEIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSILVEMGHDAPWDINDL\*C\*KLVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPKPTRSSTR\*CDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLLFQYYHKHKR\*GEERICPLL\*T\*CSANR\*\*\*\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRTRCSN\*D\*QYHRQYKNHNSTASRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RAVE\*NFTTDSYKIKRTI\*E\*NNSF\*ALRRRGPRSCNTQF\*LWRGVFLL\*LNTTV\*\*HLGCY\*RA\*\*HWE\*Y\*RVKYHTPMQNKTNHKHVAGSRKSNVCPSHQRTNYMCIKYYRTAVNKRWW\*G\*QY\*\*\*HRDLQTCRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQLAESY\*GATASVATYSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRNSQLYKLNIHLN\*RIAKPTRKE\*KRLIRIR\*LGKFVELV\*HNKMAVVYKNIHNDSRRLSRVKNSF\*CTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312378.-

MEPVDPRLEPWKHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLQIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSMLVEMGHDAPWDINDL\*C\*KLVGHSLLWGTCVERGNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRFQHVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPNLCYFELH\*FGECYYYQC\*\*HGDGKRRNKKLLFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*\*\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*QDVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTKGS\*KIKRTI\*E\*NNKF\*ALLRRGPRN\*NAQF\*LWRGVFLL\*LNKTV\*\*HLGCY\*TA\*\*HRE\*Y\*RVK\*DNHTPMQNKTNYKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*DQ\*DRGDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSREHYGRSVNDADGTS\*TIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAEPTRKE\*KRLIRIRQLGKFVELV\*HNKVAVVHKNIHNDSRRLSRVKNSFFCTLYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312379.-

MEPVDPRLEPWKHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLQIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSMLVEMGHDAPWDINNL\*C\*KLVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPNLCYFKLH\*FGECYYYQW\*\*HGDGKRRNKKLLFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*\*GQYKL\*VDKL\*HLSPYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTASRTCKHYLHKTQQQYTKEYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTTDSYKIKRTI\*E\*NNSF\*ALRRRGPRSCNAQF\*LWRGVFLL\*LNTTV\*\*HLGCY\*RA\*\*HWE\*Y\*RVKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*G\*QY\*Q\*HRDLQTCRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAKPTRKE\*KRLIRIR\*LGKFVELV\*HIKLAVVYKNIHNDSRRLSRVKNSFFCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312380.-

MEPVDPRLEPWKHPGSQPRTPCNACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLQIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSMLVEMGHDAPWDINNL\*C\*KLVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPNLCYFKLH\*FGECYYYQW\*\*HGDGKRRNKKLLFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*\*\*HYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTTDSYKIKRTI\*E\*NNNV\*ALRRRGPRN\*NAQF\*LWRGVFLL\*LNATV\*\*HLGCF\*RA\*\*HWE\*Y\*RVKYHTPMQNKTNHKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*G\*QY\*Q\*DRDLQTCRRRHEGQLEK\*II\*I\*SSEN\*AIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQLAESY\*GATTSVATHSLGYQAAPGKNPGCGKIPKRSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAKPTRKE\*KRLIRIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLSRVKNSF\*CTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312381.-

MEPVDPRLEPWKHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLEIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSILVEMGHDAPWDINDL\*C\*KLVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTR\*CDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPNLCYFKLH\*FGECYYYQC\*\*YGDGKRRNKKLLFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*\*\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSS\*RRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RAVE\*NFTTDSYKIKRTI\*E\*NNKV\*ALRRRGPRSCNAQF\*LWRGVFLL\*LNTTV\*\*HLECY\*KA\*\*HWE\*Y\*RVKYHTPMQNKTNHKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*\*QY\*Q\*HRDLQTCRRRHEGQLEK\*II\*I\*SSEN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRNSQLYKLNIHLN\*RIAKPTRKE\*KRLIRIR\*LGKFVELV\*HNKMAVVYKNIHNDSRRLSRGKNSF\*CTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312382.-

MEPVDPRLEPWKHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLEIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSILVEMGHHAPWDINDL\*C\*KIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLLFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*\*\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTKGS\*KIKRTI\*E\*NNKF\*ALLRRGPRN\*NAQF\*LWRGVFLL\*LNKTV\*\*HLGCY\*TA\*\*HREWY\*RVK\*DNHTPMQNKTNYKHVAGSGKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*DQ\*DRGDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSREHYGRSVNDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKFNIHLN\*RIAEPTRKE\*KRLIRIRQLGKFVELV\*HIKLAVVYKNIHNDSRRLSRVKNSFFCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312383.-

MEPVDPRLEPWNHPGSQPRTPCTACYCKKCCFHCQACFIKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLEIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIVERAEDSGNESEGDQEELSMLVEMGHDAPWDINNL\*C\*KLVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLLFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*QYKL\*VDKL\*HLSPYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYTKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTTDSYKIKRTI\*E\*NNNV\*ALRRRGPRSCNAQF\*LWRGVFLL\*LNTTV\*\*HLGCY\*RA\*\*H\*E\*Y\*RVKYHTPMQNKTNHKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*G\*QY\*Q\*HRDLQTCRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLHKLNIHLN\*RIAKPTRKE\*KRLIRIR\*LGKFVELV\*HIKLAVVYKNIHNDSRRLSRVKNSFFYTFYSE\*S\*AGVLTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312384.-

MEPVDPRLEPWKHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLQTIAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSILMEMGHHAPWDINDL\*C\*KIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPNLCYFKLH\*LGECYYYQC\*\*HGDGKRRNKKLLFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*E\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTASRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RAVE\*NFTTDSYKIKRTI\*E\*NNKV\*ALRRRGPRNCNTQF\*LWRGVFLL\*LNTTV\*\*HLECY\*KA\*\*HWE\*Y\*RVKYHTPMQNKTNCKHVARSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*G\*QY\*Q\*DRGLQTWRRKHEGQLEK\*II\*I\*SSEN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSINDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRNSQLYKLNIHLN\*RIAKPTRKE\*KRLIRIR\*LGKFVELV\*HNKMAVVYKNIHNDSRRLSRVKNSF\*CTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312385.-

MEPVDPRLEPWKHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLQIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSMLVEMGHDAPWDINDL\*C\*KFVGHSLLWGTCGKKQPPLYFVHQMLKHMIQKYIMFGPHMPVYPQTQTHKK\*Y\*IM\*QKILTCGKIAW\*NRCMRI\*SVYGIKA\*SHV\*N\*PQSVLL\*IALIWGMLLLPMLVAR\*WKKEK\*KTVLSISPQA\*EIR\*RKNMPSFIDLM\*CQ\*MMIMTIQAIG\*\*VVTPQSLHRPVQRYLFSQFPYIIVPRLVLRF\*SVIIRRSMEKGHVQMSAQYNVHMELNQ\*CQLNCC\*MAV\*QNKM\*\*LGLTISQTIQKP\*\*YS\*\*NL\*TLLAQDPTTIQEKVYI\*DQGVHFIQQEK\*\*ET\*DKHIVTLVKSSGIKLYNR\*LQN\*ENNLGIKQ\*SLGPPQEGTQKL\*RTVLIVEGSFSTVTQHNCLIALGRLLKSLITLGMILKGQTSHSHAE\*NKS\*TCGRK\*EKQCMPLPSEDKLHVYQILQDCY\*QEMVVMIAILTMTPRSSDLQEET\*GTIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQWE\*ELCSLGSWEQQEALWAQRQ\*R\*RYKPDYYCLV\*CNSRTTC\*ELLRRNSICCNSQSGVSSSSRQESWLWKDT\*RINSSWGFGVALENSFAPLLCLGILVGVIDL\*MTFGIT\*PGCSGTEKLTTIQT\*YTP\*LKNRKTNKKRMKKTY\*N\*IVGQVCGIGLA\*QNGCGI\*KYS\*\*\*\*EA\*\*G\*E\*FFLYFL\*\*IELGRDTHHCRFRPAPQPRGDPTGPKESKKKVERETETDPVD\*

>B.2007.KC312386.-

MEPVDPRLEPWKHPGSQPRTPCTACYCKKCCFHCQACFIKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLQIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSMLVEMGHDAPWDINDL\*C\*KLVGHSLLWGTCVERGNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLFFQYHHKHKR\*GEERICPLL\*S\*CSTNR\*\*\*\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RAVE\*NFTTDSYKIKRTI\*E\*NNKV\*ALRRRGPRSGNAQF\*LWRGIFLL\*LNTTV\*\*HLECY\*RA\*\*HWE\*Y\*RVKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*YQY\*Q\*HRDLQTCRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQLAESY\*GATTSVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAEPTRKE\*KRLIRIRQLGKFVELV\*HIKLAVVYKNIHNDSRRLSRVKNSFFCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312387.-

MEPVDPRLEPWNHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLEIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSILVEMGHDAPWDINDL\*C\*KLVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLFFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*\*\*QYKL\*VDKL\*HLSYYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTKGS\*KIKRTI\*E\*NNKF\*ALLRRGPRN\*NAQF\*LWRGVFLL\*LNKTV\*\*HLGCYYTA\*\*HRE\*Y\*RVK\*DNHTPMQNKTNYKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*DQ\*DRGDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPRVLGSSRKHYGRSINDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAEPTRKE\*KRLIRIRQLGKFVELV\*HNKVAVVYKNIHNDSRRLSRVKNSFFCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312388.-

MEPVDPRLEPWKHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLEIIAIVALVVATIIAIVVWSIXLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSMLVEMGHDAPWDINNL\*C\*KLVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKVNPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLLFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*E\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RAVE\*NFTTDSYKIKRTI\*E\*NNKV\*ALRRRGPRSCNAQF\*LWRGVFLL\*LNTTV\*\*HLECY\*RA\*\*HWE\*Y\*RVKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*YQY\*Q\*HRDLQTCRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVG\*RN\*QLYKLNIHLN\*RIAKPTRKE\*KRLIRIR\*LGKFVELV\*HIKLAVVYKNIHNDSRRLSRVKNSFFCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312389.-

MEPVDPRLEPWNHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLQIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSMLVEMGHDAPWDINDL\*C\*KLVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLLFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*\*\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTVNRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RAVE\*NFTTDSYKIKRTI\*E\*NNKV\*ALRRRGPRSCNAQF\*LWRGVFLL\*LNTTV\*\*HLECY\*KA\*\*LWE\*Y\*RVKYHTPMQNKTNHKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*YQY\*Q\*HRDLQTCRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQLAESY\*GATTSVATHSLGYQAAPGKNPGGGKIPKGPTAPGDLGLLWKTHLHHCCALER\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAEPTRKE\*KRLIRIRQLGKFVELV\*HIKLAVVYKNIHNDSRRLSRVKNSFFCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312390.-

MEPVDPRLEPWNHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLEIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSILVEMGHDAPWDINDL\*C\*KLVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLFFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*\*\*QYKL\*VDKL\*HLSYYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTKGS\*KIKRTI\*E\*NNKF\*ALLRRGPRN\*NAQF\*LWRGVFLL\*LNKTV\*\*HLGCYYTA\*\*HRE\*Y\*RVK\*DNHTPMQNKTNYKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*DQ\*DRGDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPRVLGSSRKHYGRSINDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAEPTRKE\*KRLIRIRQLGKFVELV\*HNKVAVVYKNIHNDSRRLSRVKNSFFCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312391.-

MEPVDPRLEPWKHPGSQPRTPCTACYCKKCCFHCQACFIKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLQTIAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSILMEMGHHAPWDINDL\*C\*KIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLLFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*E\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYTKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTTDSYKIKRTI\*E\*NNNV\*ALRRRGPRNCNTQF\*LWRGVFLL\*LNTTV\*\*HLECY\*KA\*\*HWE\*Y\*RVKYHTPMQNKTNCKHVARSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*G\*QY\*Q\*DRGLQTWRRKHEGQLEK\*II\*I\*SSEN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSINDADGTSQTIIVWYSATAEQLAESY\*GTTASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRNSQLYKLNIHLN\*RIAKPTRKE\*KRLIRIR\*LGKFVELV\*HNKMAVVYKNIHNDSRRLSRVKNSF\*CTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312392.-

MEPVDPRLEPWKHPGSQPRTPCNACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLQIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSMLVEMGHDAPWDINDL\*C\*KLVGHSLLWGTCVERGNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPNLCYFKLH\*FGECYYYQW\*\*HGDGKRRNKKLLFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*E\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTTDSYKIKRTI\*E\*NNKV\*ALRRRGPRSCNTQF\*LWRGVFLL\*LNTTV\*\*HLECY\*RA\*\*HWE\*Y\*RVKYHTPMQNKTNHKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*\*QY\*Q\*HRDLQTCRRRHERQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSCVPRVLGSSRKHYGRSINDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAKPTRKE\*KRLIRIR\*LGKFVELV\*HNKMAVVYKNIHNDSRRLSRVKNSF\*CTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312393.-

MEPVDPRLEPWKHPGSQPRTPCTACYCKKCCFHCQACFIKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLEIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSILVERGHDAPWDINNL\*C\*KLMGHSLLWGTCVERGNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLLFQYYHKHKR\*GEERICPLL\*T\*CSANR\*\*E\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCSGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTTDSYKIKRTI\*E\*NNKV\*ALRRRGPRNCNAQF\*LWRGVFLL\*LNTTV\*\*HLECY\*RA\*\*HWE\*Y\*RVKYHTPMQNKTNCKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*\*QY\*Q\*HRDLQTCRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPRVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQLAESY\*GATTSVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*HLG\*HDLDAVGQRNSQLYKLNIHLN\*RIAKPTRKE\*KRLIRIR\*LGKFVELV\*HNKMAVVYKNIHNDSRRLSRVKNSF\*CTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312394.-

MEPVDPRLEPWKHPGSQPRTPCTACYCKKCCFHCQACFIKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLEIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSMLVEMGHDAPWDINNL\*C\*KLVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSNLCYFKLH\*FGECYYYQW\*\*HGDGKRRNKKLLFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*E\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTTVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYTKKYTYRTRECILYNRSNNRRHKTSTL\*H\*\*RTVE\*NFTTDSYKIKRTI\*E\*NNNV\*ALRRRGPRSCNAQF\*LWRGVFLL\*LNTTV\*\*HLGCY\*RA\*\*H\*E\*Y\*RVKYHTPMQNKTNHKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*G\*QY\*Q\*HRDLQTCRRRHEGQLEK\*TI\*I\*SSEN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPRVLGSSRKHYGRSVNDADGTSQTIVVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRNSQLYKLNIHLN\*RIAKPTRKE\*KRLIRIR\*LGKFVELV\*HNKMAVVYKNIHNDSRRLSRVKNSF\*CTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312395.-

MEPVDPRLEPWNHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLEIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSILVEMGHDAPWDINDL\*C\*KLVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLFFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*\*\*QYKL\*VDKL\*HLSYYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLXKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTKGS\*KIKRTI\*E\*NNKF\*ALLRRGPRN\*NAQF\*LWRGVFLL\*LNKTV\*\*HLGCYYTA\*\*HRE\*Y\*RVK\*DNHTPMQNKTNYKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*DQ\*DRGDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPRVLGSSRKHYGRSINDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAEPTRKE\*KRFIRIRQLGKFVELV\*HNKVAVVYKNIHNDSRRLSRVKNSFFCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312396.-

MEPVDPRLEPWNHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQAPLPKQ\*VVHVMQSLEIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSMLVEMGHDAPWDINDL\*C\*KLVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPNLCYFELH\*FGECYYYQC\*\*HGDGKRRNKKLLFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*E\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RAVE\*NFTTDSYKIKRTI\*E\*NNKV\*ALRRRGPRSCNAQF\*LWRGVFLL\*LNTTV\*\*HLECY\*RA\*\*HWE\*Y\*RVKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*\*QY\*Q\*HRDLQTCRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAKPTRKE\*KRLIRIR\*LGKFVELV\*HIKLAVVYKNIHNDSRRLNRVKNSFFCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312397.-

MEPVDPRLEPWKHPGSQPRTPCTACYCKKCCFHCQACFIKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLQTIAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSILMEMGHHAPWDINDL\*C\*KIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLLFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*\*\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPGWFCDSKV\*\*\*DVQWKRAMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYTKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTKGS\*KIKRTI\*E\*NNNF\*ALRRRGPRNCNTQF\*LWRGVFLL\*LNTTV\*\*HLECY\*KA\*\*HWE\*Y\*RVKYHTPMQNKTNCKHVARSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*G\*QY\*Q\*DRGLQTWRRKHEGQLEK\*II\*I\*SSEN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSINDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRNSQLYKLNIHLN\*RIAKPTRKE\*KRLIRIR\*LGKFVELV\*HNKMAVVYKNIHNDSRRLSRVKNSF\*CTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KC312398.-

MEPVDPRLEPWNHPGSQPRTPCTACYCKKCCFHCQACFTKKGLGISYGRKKRRQRRGPPKDSQTHQVPLPKQ\*VVHVMQSLQIIAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSMLVEMGHDAPWDINDL\*C\*KIVGHSLLWGTCVERSNYHFILCIRC\*SI\*YRST\*CLGHTCLCTHRPKPTRSSTGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPNLCYFKLH\*FGECYYYQC\*\*HGDGKRRNKKLFFQYHHKHKR\*GEERICPLL\*T\*CSANR\*\*E\*QYKL\*VDKL\*HLSHYTGLSKGIFSANSHTLLCPSWFCDSKV\*\*\*DVQWKRTMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGSN\*D\*QYHRQYKNHNSTANRTCKHYLHKTQQQYKKKYTYRTRECILYNRRNNRRHKTSTL\*H\*\*RTVE\*NFTKGS\*KIKRTI\*E\*NNKF\*ALLRRGPRN\*NAQF\*LWRGVFLL\*LNTTV\*\*HLGCY\*RA\*\*HWE\*Y\*RVKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTNYMCIKYYRTAINKRWW\*\*\*QD\*Q\*HRDLQTCRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQLAESY\*GATASVATHSLGYQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDAVGQRN\*QLYKLNIHLN\*RIAEPTRKE\*KRLIRIRQLGKFVELV\*HNKVAVVHKNIHNDSRRLSRVKNSFFCTLYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2005.KC312434.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAVILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CYRTIVGHGLLWGTCVERCKHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*SR\*\*Y\*I\*VDKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWIRTM\*ECQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKSKYRTRESMVYNRPNNRRYKTSTL\*H\*\*SRLD\*HYKTGSYKIKRTIWEE\*NNSL\*SLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PWIILLRGTQLSHSNAE\*NKL\*TCGKK\*EKQCMPLPSKDKLAVYQILQGCY\*QEMVV\*TSQITVPRPSDLEEEI\*GTTGEVNYINIK\*\*ELNH\*E\*HPPRQREEWCREKKEQWEF\*ELCSLGSWEQQEALWAQRQ\*R\*RYKPDNYCLV\*CNSRTIC\*WLLRRNSIYCDSQSGASSSSRQESWLWKDT\*GINSS\*GFGVALENSFAPLMCLGILVGVIKV\*IIFGVT\*PGCSGKEKLTITQN\*YTP\*LKNRRTNKKRMKKNY\*NWTNGQVCGIGLT\*HNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYRFRPASQPGGDQTGPKESKKKVERETETHPDNK

>B.2005.KC312435.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAAILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CYRTIVGHGLLWGTCVERCNHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEQ\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*SR\*\*SN\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWNRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSVYKTQQQYSKKSKYRTRESMVYNRQNNRRYKTSTL\*H\*\*SKLD\*HYKTGSYKIKRTIWEE\*NNSL\*SLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PGSYY\*GEHNYHTPMQNKTNYKHVAKSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRTA

>B.2005.KC312436.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAAILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CYRTIVGNGLLWGTCVERCNHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGKTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEQ\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*SR\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWNRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSVYKTQQQYSKKSKYRTRESMVYNRQNNRRYKTSTL\*H\*\*SKLD\*HYKTGSYKIKRTIWEE\*NNSL\*SLLRRRPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVAKSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKRSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRTA

>B.2005.KC312437.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCPVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAVILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEVGHHAPWDVNDL\*CCRTIVGHGLLWGTCMERCKHHSILCIRCSNI\*SRGT\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFE\*\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*\*Y\*I\*IDKL\*HLSHYTSLSKGIL\*TNSHTSLCPGWFCDSKVQG\*EIQWIRIM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKSKYRSRESMVYNRQNNRRYKTSTL\*H\*\*SRLD\*HYKTGS\*EIKRTIWEE\*NNSL\*TLLRRGPGNCNAYF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGH\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRHIRTT

>B.2005.KC312438.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAVILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAENSGNESDGDQEELSALMEMGHHAPWDINDL\*CYRTIVGHGLLWGTCVERCKHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWIRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKSKYRTRESMVYNRPNNRRYKTSTL\*H\*\*SKLD\*HYKTGSYKIKRTIWEE\*NNSL\*SLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVAKSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRTA

>B.2005.KC312439.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAVILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDFNDL\*CYRTIVGHGLLWGTCVERCKHHFILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDAEDIISLWDQSLKPCVKLTPLCVTLNCTDLRNKTNSNNTSSNNSSIEEGEIKNEIRNCSFNITTGIRDKIQREYALLYKWDIVPIDNNQDNNTEYRLTSCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCKDKKFNGSGQCKNVSTVHCTHGIKPVVSTQLLLNGSLAEEEIVIRSENFTNNAKIIMVQLNKSVEIRCIRPNNNTAKRVSIGPGKVWYTTDQIIGDIRRAHCNISKANWTNTIRQVAIKLREQFGRNKTIVFNHSSGGDPEIVMHTFNCRGEFFYCNTTPLFNSTWNEINLDNITEENTTITLQCRIKQIINMWQEVGKAMYAPPIKGQISCVSNITGLLLTRDGGLNQSDNSSETFRPGGGDMRDNWRSELYKYKVVRIEPLGVAPTKAKRRVVQREKRAVGVLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQNNLLMAIEAQQHILRLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTNVPWNTSWSNKSLDYIWGNMTWMQWEREIDNYTELIYTLIEESQNQQEKNEKELLELDKWASLWNWFDITQWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTRLPARRGPDRPEGIEEEGGERDRDTSGQQ

>B.2005.KC312440.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAAILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CYRTIVGHGLLWGTCVERCNHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEQ\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*SR\*\*SN\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWNRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSVYKTQQQYSKKNKYRTRESMVYNRQNNRRYKTSTL\*H\*\*SKLD\*HYKTGSYKIKRTIWEE\*NNSL\*SLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRTA

>B.2005.KC312441.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAVILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CYRTIVGHGLLWGTCVERCKHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWIRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKSKYRTRESMVYNRPNNRRYKTSTL\*H\*\*SKLD\*HYKTGSYKIKRTIWEE\*NNSL\*SLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVAKSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKSVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEESGAERKTSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRTA

>B.2005.KC312442.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVATILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDEEELSALMEMGHHAPWDVNDL\*CCRTIVGHGLLWGTCVERCKHHSILCIRCSNI\*SRGT\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGLGE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWIRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKSKYRSRESMVYNRQSNRRYKTSTL\*H\*\*SRLD\*HYKTGS\*EIKRTIWEE\*NNSL\*TLLRRGPGNCNAYF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRHIRTT

>B.2005.KC312443.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAAILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CYRTIVGHGLLWGTCVERCNHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEQ\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*SR\*\*SN\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWNRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSVYKTQQQYSKKSKYRTRESMVYNRQNNRRYKTSTL\*H\*\*SKLD\*HYKTGSYKIKRTIWEE\*NNSL\*SLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVAKSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRTA

>B.2005.KC312444.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCPVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVATILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDEEELSALMEMGHHAPWDVNDL\*YCRTIVGHGLLWGTCVERCKHHSILCIRCSNI\*SRGT\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFE\*\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*N\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*KIQWIRTM\*KCRHSTLYTWN\*ASSINSTAAKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKSKYRTRESMVYNRQNSRRYKTSTL\*H\*\*SKLD\*HYKTGS\*EIKRTIWEE\*NNSL\*SLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSSGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRHIRTT

>B.2005.KC312445.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCPVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLIVAAILAIIVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDEEELSALMEMGHHAPWDVNDL\*CCRTIVGHGLLWGTCVERCKHHSILCIRCSNI\*SRGT\*CLGLTCLCTHRPQPTRSSIKCDRRF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*N\*I\*VDKL\*HLSNYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWIRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKSKYRTR\*SMVYNRQHNRRYKTSTL\*H\*\*SKLD\*HYKTGS\*EIKRTIWEE\*NNSL\*TLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRTT

>B.2005.KC312446.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCPVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVATILAIIVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDEEELSALMEMGHHVPWDVNDL\*CCRTIVGHGLLWGTCVERCKHHSILCIRCSNI\*SRGT\*CLGLTCLCTHRPQPTRSSIKCDRRF\*HVEK\*HGRTDA\*RYN\*FMGSEPKAMCKINPTLCHSKLHGFEE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*N\*I\*VDKL\*HLSNYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWIRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKSKYRTR\*SMVYNRQHNRRYKTSTL\*H\*\*SRLD\*HYKTGS\*EIKRTIWEE\*NNSL\*TLLRRGPGNCNAYF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRHIRTT

>B.2005.KC312447.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRANQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVATILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDEEELSALMEMGHHAPGDVNDL\*CCRTIVGHGLLWGTCVERCKHHSILCIRCSNI\*SRGT\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGLGE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWIRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKGKYRSRESMVYNRQSNRRYKTSTL\*H\*\*SRLD\*HYKTGS\*EIKRTIWEE\*NNSL\*TLLRRGPGNCNAYF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRHIRTT

>B.2005.KC312448.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAVILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CYRTIVGHGLLWGTCVERCKHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWIRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKSKYRTRESMVYNRPNNRRYKTSTL\*H\*\*SKLD\*HYKTGSYKIKRTIWEE\*NNSL\*SLLRRGPGNCNAHF\*L\*RGIFLL\*\*HHCLIVLGMKLTWIILLRRTQLSHSNAE\*NKL\*TCGKK\*EKQCMPLPSKDKLAVYQILQGCY\*QEMVV\*TSQVTVPRPSDLEEEI\*GTTGEVNYINIK\*\*ELNH\*E\*HPPRQREEWCREKKEQWEF\*ELCSLGSWEQQEALWAQRQ\*R\*RYKPDNYCLV\*CNSRTIC\*WLLRRNSIYCDSQSGASSSSRQESWLWKDT\*GINSS\*GFGVALENSFAPLMCLGILVGVIKV\*IIFGVT\*PGCSGKEKLTITQN\*YTP\*LKNRRTNKKRMKKNY\*NWTNGQVCGIGLT\*HNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYRFRPTSQPGGDQTGPKESKKKVERETETDPDSK

>B.2005.KC312449.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAAILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CYRTIVGHGLLWGTCVERCNHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEQ\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*SR\*\*SN\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWNRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSVYKTQQQYSKKSKYRTRESMVYNRQNNRRYKTSTL\*H\*\*SKLD\*HYKTGSYKIKRTIWEE\*NNSL\*SLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRTA

>B.2005.KC312450.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAVILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*YYRTIVGHGLLWGTCVERCKHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*SR\*\*Y\*I\*IGKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWIRTM\*ECQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKSKYRTRESMVYNRPNNRRYKTSTL\*H\*\*SKLD\*HYKTGSYKIKRTIWEE\*NNSL\*SLLRRGPGNCDAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRHIRTT

>B.2005.KC312451.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAVILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDEEELSALMEMGHHAPWDVNDL\*CCRTIVGHGLLWGACVERCKHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKV\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*N\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGRFCASKVQG\*EIQWIRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRERDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKSKYRTRESMVYNRPNNRRYKTSTL\*H\*\*SKLD\*HYKTGSYKTKRTIWEE\*NNSL\*SLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LCIKYYRTAINKRWWSKPVR\*QFQDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRTA

>B.2005.KC312452.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCPVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VIYVMQPLHIAAIVGLVVATILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDEEELSALMEMGHHAPWDVNDL\*CCRTIVGHGLLWGTCVERCKHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGLGE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWIRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKSKYRTRESMVYNRQHNRRYKTSTL\*H\*\*SKLD\*HYKTGSYKIKRTIWEE\*NNSL\*SLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDVDGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRHIRTT

>B.2005.KC312453.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLIVAAILAIIVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDEEELSALMEMGHHAPWDVNDL\*CCRTIVGHGLLWGTCVERCKHHSILCIRCSNI\*SRGT\*CLGLTCLCTHRPQPTRSSIKCDRRF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*N\*I\*VDKL\*HLSNYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWIRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKSKYRTR\*SMVYNRQHNRRYKTSTL\*H\*\*SKLD\*HYKTGS\*EIKRTIWEE\*NNSL\*TLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRHIRTT

>B.2005.KC312454.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKWRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVATILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDEEELSALMEMGHHAPWDVNDL\*CCRTIVGHGLLWGTCVERCKHHSILCIRCSNI\*SRGT\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGLGE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWIRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKSKYRSRESMVYNRQSNRRYKTSTL\*H\*\*SRLD\*HYKTGS\*EIKRTIWEE\*NNSL\*TLLRRGPGNCNAYF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRTT

>B.2005.KC312455.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAVILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDINDL\*CYRTIVGHGLLWGTCVERCKHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWIRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKSKYRTRESMVYNRPNNRRYKTSTL\*H\*\*SKLD\*HYKTGSYKIKRTIWEE\*NNSL\*SLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVAKSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSNVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRTA

>B.2005.KC312456.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLIVAAILAIIVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDEEELSALMEMGHHAPWDVNDL\*CCRTIVGHGLLWGTCVERCKHHSILCIRCSNI\*SRGT\*CLGLTCLCTHRPQPTRSSIKCDRRF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*N\*I\*VDKL\*HLSNYTSLSEGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWIRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*KFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKSKYRTR\*SMVYNRQHNRRYKTSTL\*H\*\*SRLD\*HYKTGS\*EIKRTIWEE\*NNSL\*TLLRRGPGNCNAYF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFHSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRHIRTT

>B.2005.KC312457.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAAILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CYRTIVGHGLLWGTCVERCNHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEQ\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*SR\*\*SN\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWNRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSVYKTQQQYSKKSKYRTRESMVYNRQNNRRYKTSTL\*H\*\*SKLD\*HYKTGSYKIKRTIWEE\*NNSL\*SLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVAKSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRTA

>B.2005.KC312458.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAVILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CYRTIVGHGLLWGTCVERCKHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFGE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWNRTM\*KCQHSTLYTWN\*ASCINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRDSLYKTQQQYSKKSKYRTRESMVYNRQNNGRYKTSTL\*H\*\*SKLD\*HYKTGS\*EIKRTVWEE\*NNSL\*SLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*S\*PG\*YY\*GEHNYHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHKAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRHIRTT

>B.2005.KC312459.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCPVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VIYVMQPLHIAAIVGLIVAAILAIIVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESEGDEEELSALMEMGHHAPWDVNDL\*CCRTIVGHGLLWGTCVERCKHHSILCIRCSNI\*SRGT\*CLGLTCLCTHRPQPTRSSIKCDRRF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*N\*I\*VDKL\*HLSNYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWIRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKSKYRTR\*SMVYNRQHNRRYKTSTL\*H\*\*SKLD\*HYKTGS\*EIKRTIWKE\*NNSL\*TLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSSGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KGIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRHIRTT

>B.2005.KC312460.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAAILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CYRTIVGHGLLWGTCVERCNHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEQ\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*SR\*\*SN\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWNRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSVYKTQQQYSKKSKYRTRESMVYNRQNNRRYKTSTL\*H\*\*SKLD\*HYKTGSYKIKRTIWEE\*NNSL\*SLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVAKSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRTA

>B.2005.KC312461.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAVILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDINDL\*CYRTIVGHGLLWGTCVERCKHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWIRTM\*KCQHSTLYTWN\*ASSINSTAVRSLAEEEIVIRSENFTNNAKIIMVQLNKSVEIRCIRPNNNTAKRVSIGPGKVWYTTDQIIGDIRRAHCNISKANWTNTIRQVAIKLREQFGRNKTIVFNHSSGGDPEIVMHTFNCRGEFFYCNTTPLFNSTLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVAKSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLYRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRTA

>B.2005.KC312462.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAAILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CYRTIVGHGLLWGTCVERCNHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEQ\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*SR\*\*SN\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWNRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSVYKTQQQYSKKSKYRTRESMVYNRQNNRRYKTSTL\*H\*\*SKLD\*HYKTGSYKIKRTIWEE\*NNSL\*SLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVAKSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRTA

>B.2005.KC312463.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAAILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CYRTIVGHGLLWGTCVERCNHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEQ\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*SR\*\*SN\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWNRTM\*KCQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*I\*EFHEQC\*NHNGTAE\*ICRNSVYKTQQQYSKKSKYRTRESMVYNRQNNRRYKTSTL\*H\*\*SKLD\*HYKTGSYKIKRTIWEE\*NNSL\*SLLRRGPGNCNAHF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVAKSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAEPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRTA

>B.2005.KC312464.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCPVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVATILAIIVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDEEELSALMEMGHHVPWDVNDL\*CCRTIVGHGLLWGTCVERCKHHSILCIRCSNI\*SRGT\*CLGLTCLYPQTPTHKK\*Y\*M\*QKILTCGKITW\*NRCMKI\*LVYGIRA\*SHV\*N\*PHSVSL\*IARI\*RMKLIAIIPVVITVA\*RKEK\*KMK\*KIALSISPQA\*EIRYRKNMLFFISGI\*YQ\*IIKLNIG\*QVVTPQ\*LHKPVQRYPLNQFPYIIVPRLVLRF\*SARIRNSMDQDHVKMSAQYIVHMELSQ\*YQLNCC\*MAV\*QRKR\*\*LDLRISRTMLKS\*WYS\*INL\*KFVV\*DPTTIQQKE\*V\*DQVKYGIQQTT\*\*EI\*DEHIVTLVKQIGLTL\*DR\*LGN\*ENNLGGIKQ\*SLNTPQEGTRKL\*CILLIVEGNFSTVIQHHCLVVLGMKLTWIILLRGTQLSHSNAE\*NKL\*TCGKK\*EKQCMPLPSKDKLAVYQILQGCY\*QEMVV\*TSQITVPRPSDLEEEI\*GTTGEVNYINIK\*\*ELNH\*E\*HPPRQREEWCREKKEQWEF\*ELCSLGSWEQQEALWAQRQ\*R\*RYKPDNYCLV\*CNSRTIC\*WLLRRNSIYCDSQSGASSSSRQESWLWKDT\*GINSS\*GFGVALENSFAPLMCLGILVGVIKV\*IIFGVT\*PGCSGKEKLTITQN\*YTP\*LKNRRTNKKRMKKNY\*NWTNGQVCGIGLT\*HNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYRFRPASQPGGDQTGPKESKKKVERETETHPDNK

>B.2005.KC312465.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAVILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CYRTIVGHGLLWGTCVERCKHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*SR\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWIRTM\*ECQHSTLYTWN\*ASSINSTAVKWQSSRGRDSN\*IREFHEQC\*NHNGTAE\*ICRNSLYKTQQQYSKKSKYRTRESMVYNRPNNRRYKTSTL\*H\*\*SRLD\*HYKTGS\*EIKRTIWEE\*NNSL\*TLLRRGPGNCNAYF\*L\*RGIFLL\*YNTTV\*\*YLE\*N\*PG\*YY\*GEHNYHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LCIKYYRAAINKRWWSKPVR\*QFRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSADGY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KSRLYLG\*HDLDAVGKRN\*QLHRTNIHLN\*RIAKPTRKE\*KRIIRIGQMGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRHIRTT

>B.2005.KC312466.-

MEPVDPRLEPWKHPGSRPKTPCTNCYCKKCCYHCQVCFVKKGLGISYGRKKRRQRRRADQDSPTHQVPLPKQ\*VVYVMQPLHIAAIVGLVVAVILAIVVWSIVFIEYKKIRRQNKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDINDL\*CYRTIVGHGLLWGTCVERCKHHSILCIRC\*NI\*SRET\*CLGLTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSEPKAMCKINPTLCHSKLHGFEE\*N\*\*Q\*YQ\*\*\*Q\*HRGRRNKK\*NKKLLFQYHHRHKR\*DTERICSSL\*VGYSTNR\*\*\*Y\*I\*VDKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKVQG\*EIQWIRTM\*KCQHSTLYTWN\*ASSITQLLLNGSLAEEEIVIRSENFTNNAKIIMVQLNKSVEIRCIRPNNNTAKRVSIGPGKVWYTTDQIIGDIRRAHCNISKTNWTNTIRQVAIKLREQFGRNKTIVFNHSSGGDPEIVMHTFNCRGEFFYCNTTPLFNSTWNETNLDNITEENTTITLQCRIKQIINMWQKVGKAMYAPPIKGQISCVSNITGLLLTRDGGLNQSGNSSETFRPGGGDMRDNWRSELYKYKVVRIEPLGVAPTKAKRRVVQREKRAVGVLGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQNNLLMAIEAQQHILRLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTNVPWNTSWSNKSLDYIWGNMTWMQWEREIDNYTELIYTLIEESQNQQEKNEKELLELDKWASLWNWFDITQWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTRLPARRGPDRPEGIEEEGGERDRDRSGQQ

>B.2003.KC312467.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFTTKGLGISYGRKKRRQRRRASQGSEAHQNPLPKQ\*VVHVMSSLYIFSVVALVVAVILAIVVWSIVFIEYRKILRQRKIDRLINRIRDRAEDSGNESEGDQEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSQPTRSSIGECDRKF\*HVEK\*HGRTNA\*RYNQFMGSKPKAMCKIDPTLCYFELL\*LWGE\*\*\*\*QHRGRRE\*\*\*\*QHRGRRIKKLLFQYHHKYKR\*DAERICNFL\*T\*CSTSR\*\*\*Q\*\*Y\*I\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*AIQWNRTM\*KCQHSTMYTWN\*ASSVNSTAAKWQYSRRRNNN\*I\*EFHEQC\*NHNCTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRGSHREHKTSTL\*P\*\*QRLE\*NFTQDKRKINSTIS\*\*NNNL\*SIRRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*Y\*KWY\*RIQ\*RKYHTPMQNKANYKHVAESRKSNVCPSHQRTN\*MFIKYYRATINERWWY\*DWQ\*\*N\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAEREKSGRNRSLVPWVLGSSRKHYGRSVNDTDGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312468.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFTTKGLGISYGRKKRRQRRRASQGSEAHQNPLPKQ\*VVHVMLPLNILAVAAFVVAAILAIIVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSQPTRSSIGECDRKF\*HVEK\*HGRTNA\*RYNQFMGSKPKAMCKIDPTLCYFELL\*LWGE\*\*\*\*QHRGRRE\*\*\*\*QHRGRRIKKLLFQYHHKYKR\*DAERICNFL\*T\*CSTSR\*\*\*Q\*\*Y\*I\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCNSKV\*R\*AIQWNRTM\*KCQHSAMYTWN\*ASSVNSTAAKWQFSRRRSNN\*I\*EFH\*QC\*NHNCTSEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRTNHRGYKTSTL\*P\*\*QRLE\*NFTQDKRKINSTIS\*\*NNNL\*SIRRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*Y\*KWY\*RIQ\*RKYHTPMQNKANYKHVAESRKSNVCPSHQRTN\*MFIKYYRATINERWWY\*DWQ\*\*N\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAEREKSGRNRSLVPWVLGSSRKHYGRSVNDTDGTGQTIIVWYSATAKQFAEGY\*GATAFVATHSLGHQATPGKSPGCGKISKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312469.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRASQGSKTHQIPLPKQ\*VVHVMSSLYILTVVAFVVAAILAIIVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSQLVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VIQDRGT\*CLGHTCLCTHRSQPTRSSIGECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFGLL\*LLGE\*Y\*VQ\*\*\*\*Y\*\*Y\*\*Y\*\*Y\*LQY\*\*QRGGGRRIKKLLFQYHHKYKR\*DAERICNFL\*T\*YSTSR\*\*\*Q\*EY\*Q\*Y\*I\*VDKL\*YLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*R\*KVQWNRTM\*KCQHSTMHTWN\*ASSVNSTAAKWQSSRRRHNN\*I\*ESHEQC\*NHNCTAKHNC\*N\*LYKTQQQYKERYTYRTRENILCNRGNHREYKTSTL\*P\*WKRVE\*YFTQDKRKIKSTIS\*\*NNNL\*ATRRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*YYQMVLKSTVQEISHSHAK\*SKL\*TCGRK\*EKQCMPLP\*EDKLDVHQILQGCY\*\*EMVVMRRVITRPSDLEEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HPPRQKEGWCRERKERWD\*ELCSLGSWGQQEALWAQRQ\*R\*RYRPDYYCLV\*CNSKTTC\*ELLRRNSICCNSQSGASSSSRQESWLWRDT\*RINSSWGFGVALENSSAPLLCLGMLVGVINLWMIFGIT\*PGCSGKEKLRITQA\*YTP\*LKNRKTNKKRMNKNYWHWINGQVCGIGLTYQIGCGI\*KCS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDIHHYRFRPTSQPRGDPTGQKESKEKVERETETDPIN\*

>B.2003.KC312470.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSEAHQIPLPKQ\*VVHVMSLYILTVVAFIVAAILAIVVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VISDRGT\*CLGHTCLCTYRSQPTRSSIRECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFGLL\*LLGE\*Y\*VQ\*\*\*\*Y\*\*Y\*\*Y\*\*WY\*Y\*VQ\*\*YHEGGRRIKKLLFQYHHKYKR\*DTERICNFL\*T\*CSTSR\*\*\*Q\*\*Y\*QY\*I\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*R\*KVQWNRTM\*KCQYSTMYTWN\*TSSVNSTAAKWQSSRRRHNN\*I\*ESHEQC\*NHNCTAEHNCKN\*LYKTQQQYKERYTYRTRENILCNRGNHREYKTSTL\*P\*WKRVE\*YFTQDKRKIKSTIS\*\*NNNL\*ATRRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*YYQWY\*NVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHKRTN\*MFIKYYRAAISERWW\*C\*E\*YQHYQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLRSSRKHYGRSVNNADGTGQAIIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNDSRKLDRFKNSFCCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312471.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRASQGSEAHQSPLPKQ\*VVHVMSSLYIFSVVALVVAVILAIVVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSQPTRSSIRECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYLELL\*LSEE\*HQ\*\*HGRGRRIKKLLFQYHHKYKR\*DAERICNFL\*T\*CSANR\*\*\*Q\*\*\*\*QLY\*I\*VDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSAAAKWQSSRRRHNN\*I\*ELHKQC\*NHNGTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRGNHRGYKTSTLYP\*\*KSLA\*NFTQDRRKIKSTIS\*\*NNNL\*SIHRRGPRNCNAYF\*LRRGIFLL\*YNTTV\*\*YFQWY\*QCRKYHRKYHTPMQNKANYKHVAGSRKSNVCPSHQRTN\*MFIKYYRTAINERWW\*\*E\*YQQYRQY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAERKKSGGTRSFVHWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*GIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLDRFKNSFCCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312472.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSEAHQIPLPKQ\*VVHVMSLYILTVVAFIVAAILAIVVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VISDRGT\*CLGHTCLCTYRSQPTRSSIRECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFGLL\*LLGEWY\*VQ\*\*\*\*Y\*\*Y\*\*Y\*\*WY\*Y\*VQ\*\*YHEGGRRIKKLLFQYHHKYKR\*DTERICNFL\*T\*CSTSR\*\*\*Q\*\*Y\*QY\*I\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTM\*KCQYSTMYTWN\*TSSVNSTAAKWQSSRRRHNN\*I\*ESHEQC\*NHNCTAEHNCKN\*LYKTQQQYKERYTYRTRENILCNRGNHREYKTSTL\*P\*WKRVE\*YFTQDKRKIKSTIS\*\*NNNL\*ATRRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*YYQWY\*NVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHKRTN\*MFIKYYRAAISERWW\*C\*E\*YQHYQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAESY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*GIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLDRFKNSFCCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIPSI

>B.2003.KC312473.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQSSEAHQIPLPKQ\*VVHVMSLYILTVAAFVVAAILAIIVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*GCRKFVGHSLLWGTCVERSNHHSILCIRC\*VI\*DRST\*CLGHTCLCTHRSQPTRSSIRKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFELL\*L\*GE\*K\*\*QRGGRRE\*Y\*AQ\*\*\*RHGERRIKKLLFQYYHKYKR\*STERICNFL\*T\*CSANR\*\*\*Q\*\*E\*QLY\*I\*VDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSTTAKWQSSRRRSNN\*I\*EFHKQC\*NHNGTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRTNHRGYKTSTL\*P\*WKRVE\*HFTQDKRKIKSTIS\*\*NNNL\*FIHRRGPRNCNAYF\*LWRGIFLL\*YNTIV\*\*YYQWY\*RVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWEHYRDQYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTTIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*YIKLAVVYKNVHNNNRKLGRFKNSFCCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312474.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRASQGSEAHQSPLPKQ\*VVHVMSSLYIFSVVALVVAVILAIVVWSIVFIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*GI\*CRGT\*CLGHTCLCTHRSQPTRSSIRECDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFELL\*L\*GE\*\*\*\*QRGGRRE\*Y\*TQ\*\*\*\*HGERRIKKLLFQYHHKYKR\*DAEGICNFL\*A\*CSTNR\*\*\*Q\*\*D\*QLY\*I\*VDKL\*HLSHYTSLSKGNL\*ANSHTLLRPSWFCDSKV\*R\*AIQWNRTM\*KCQHSAMYTWN\*ASSVNSTAAKWQSSRRRHNN\*I\*EFHEQC\*NHNCTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRGNHRGYKTSTL\*P\*WKRVE\*NVTQDKRKIKSTIS\*\*NNNL\*ATRRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*C\*QWY\*NVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWC\*Q\*\*QHRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTTIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNDSRKLDRFKNSFYCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIPSI

>B.2003.KC312475.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFTTKGLGISYGRKKRRQRRRASQGSEAHQNPLPKQ\*VVHVMLPLNILAVAAFVVAAILAIIVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSELVERGHLAPWDVNDT\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSQPTRSSIGECDRKF\*HVEK\*HGRTNA\*RYNQFMGSKPKAMCKIDPTLCYFELL\*LWGE\*\*\*\*QHRGRRE\*\*\*\*QHRGRRIKKLLFQYHHKYKR\*DAERICNFL\*T\*CSTSR\*G\*Q\*\*Y\*I\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCNSKV\*R\*AIQWNRTM\*KCQHSAIYTWN\*ASSVNSTAAKWQFSRRRSNN\*I\*EFH\*QC\*NHNCTSEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRTNHRGYKTSTL\*P\*\*QRLE\*NFTQDKRKINSTIS\*\*NNNL\*SIRRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*Y\*KWY\*RIQ\*RKYHTPMQNKANYKHVAESRKSNVCPSHQRTN\*MFIKYYRATINERWWY\*DWQ\*\*N\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAEREKSGRNRSLVPWVLGSSRKHYGRSVNDTDGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312476.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSEAHQIPLPKQ\*VVHVMSLYILTVVAFIVAAILAIVVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VISDRGT\*CLGHTCLCTYRSQPTRSSIRECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFGLL\*LLGE\*Y\*VQ\*\*\*\*Y\*\*Y\*\*Y\*\*WY\*Y\*VQ\*\*YHEGGRRIKKLLFQYHHKYKR\*DTERICNFL\*T\*CSTSR\*\*\*\*\*\*Y\*QY\*I\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTM\*KCQYSTMYTWN\*TSSVNSTAAKWQSSRRRHNN\*I\*ESHEQC\*NHNCTAEHNCKN\*LYKTQQQYKERYTYRTRENILCNRGNHREYKTSTL\*P\*WKRVE\*YFTQDKRKIKSTIS\*\*NNNL\*ATRRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*YYQWY\*NVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHKRTN\*MFIKYYRAAISERWW\*C\*E\*YQHYQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLDRFKNSFYCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312477.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRASQGSEAHQSPLPKQ\*VVHVMSSLYIFSVVALVVAVILAIVVWSIVFIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*VI\*DRGT\*CLGHTCLCTHRSQPTRSNIRECDRKF\*HVEK\*HGRTNA\*GYNQSMGSKSKAMCKINPTLCYFGML\*LLGE\*Y\*VQ\*YY\*\*Y\*\*Y\*\*Y\*\*Y\*VQ\*YYHEGGRRIKKLLFQYHHKYKR\*SAKRICNFL\*T\*CSTNR\*\*\*Q\*\*D\*QLY\*V\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*AIQWNRTM\*KCQHSTMYTWN\*ASSVNSITAKWQSSRRRSNN\*I\*EFHKQC\*NHNGTAEHNC\*N\*LYKTQQQYKERYTYRTRENIYATGEIIGDIRQAHCNLSGKDWNDTLHKIREKLKAQFPNKTIIFNHSTGGDPEIVMHTFNCGGEFFYCDTTQLFNSTINGTEEYNAGNITLPCRIKQIINMWQEVGKAMYAPPIRGQIRCSSNITGLLLTRDGGNSSDTNIETFRPGGGDMRDNWRSELYKYKVVKIEPLGIAPTKAKRRVVQREKRAVGLGALFIGFLGAAGSTMGAASVTLTVQARLLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNKSLDDIWNNMTWMQWEKEIENYTGLIYTLIEESQNQQEKNEQELLALDKWASLWNWFDISNWLWYIKMFIMIVGSLIGLRIVFAVLSIVNRVRQGYSPLSFQTHLPAARGPDRPEGIEGEGGERDRDRSNQL

>B.2003.KC312478.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFTTKGLGISYGRKKRRQRRRASQGSEAHQNPLPKQ\*VVHVMSSLYIFSVVALVVAVILAIVVWSIVFIEYRKILRQRKIDRLINRIRDRAEDSGNESEGDQEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSQPTRSSIGECDRKF\*HVEK\*HGRTNA\*RYNQFMGSKPKAMCKIDPTLCYFELL\*LWGE\*\*\*\*QHRGRRE\*\*\*\*QHRGRRIKKLLFQYHHKYKR\*DAERICNFL\*T\*CSTSR\*\*\*Q\*\*Y\*I\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*AIQWNRTM\*KCQHSTMYTWN\*ASSVNSTAAKWQYSRRRNNN\*I\*EFHEQC\*NHNCTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRGSHREHKTSTL\*P\*\*QRLE\*NFTQDKRKINSTIS\*\*NNNL\*SIRRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*Y\*KWY\*RIQ\*RKYHTPMQNKANYKHVAESRKSNVCPSHQRTN\*MFIKYYRATINERWWY\*DWQ\*\*N\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAEREKSGRNRSLVPWVLGSSRKHYGRSVNDTDGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312479.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFTTKGLGISYGRKKRRQRRRASQGSEAHQNPLPKQ\*VVHVMLPLNILAVAAFVAAAILAIIVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSQPTRSSIGECDRKF\*HVEK\*HGRTNA\*RYNQFMGSKPKAMCKIDPTLCYFELL\*LWGE\*\*\*\*QHRGRRIKKLLFQYHHKYKR\*DAERICNFL\*T\*CSTSR\*\*\*Q\*\*Y\*I\*VNKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCNSKV\*R\*AIQWNRTM\*KCQHSAMYTWN\*ASSVNSTAAKWQFSRRRSNN\*I\*EFH\*QC\*NHNCTSEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRTNHRGYKTSTL\*P\*\*QRLE\*NFTQDKRKINSTIS\*\*NNNL\*SIRRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*Y\*KWY\*RIQ\*RKYHTPMQNKANYKHVAESRKSNVCPSHQRTN\*MFIKYYRATINERWWY\*DWQ\*\*N\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAEREKSGRNRSLVPWVLGSSRKHYGRSVNDTDGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312480.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFTTKGLGISYGRKKRRQRRRASQGSEAHQNPLPKQ\*VVHVMLPLNILAVAAFVVAAILAIIVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSQPTRSSIGECDRKF\*HVEK\*HGRTNA\*RYNQFMGSKPKAMCKIDPTLCYFELL\*LWGE\*\*\*\*QHRGRRE\*\*\*\*QHRGRRIKKLLFQYHHKYKR\*DAERICNFL\*T\*CSTSR\*\*\*Q\*\*Y\*I\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCNSKV\*R\*AIQWNRTM\*KCQHSAMYTWN\*ASSVNSTAAKWQFSRRRSNN\*I\*EFH\*QC\*NHNCTSEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRTNHRGYKTSTL\*P\*\*QRLE\*NLTQDKRKINSTIS\*\*NNNL\*SIRRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*Y\*KWY\*RIQ\*RKYHTPMQNKANYKHVAESRKSNVCPSHQRTN\*MFIKYYRATINERWWC\*DWQ\*\*N\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAEREKSGRNRSLVPWVLGSSRKHYGRSVNDTDGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312481.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRASQGSEAHQNPLPKQ\*VVHVMSSLYILTVVAFVVATILAIIVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDINDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTYRSQPTRSSIRECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFGLL\*LLGE\*Y\*VQ\*Q\*\*Y\*\*Y\*\*Y\*\*WY\*Y\*VQ\*\*YHEGGRRIKKLLFQYHHKYKR\*DTERICNFL\*T\*YSTSR\*\*\*Q\*\*Y\*QY\*I\*VDKL\*HLSHYTGLSKSNL\*ANSHTLLCPSWFCDSKV\*R\*AIQWNRTM\*KCQHSTMYTWN\*TSSVNSTAAKWQSSRRRHNN\*I\*ESHEQC\*NHNCTAEHNC\*N\*LYKAQQQYKERYTYRTRENILCNRTNHREYKTSTL\*P\*WKRVE\*YFTQNKRKIKSTIS\*\*NNNL\*SLHRRRPRNCNAHF\*LWRGIFLL\*YNTTV\*\*YYQWY\*KVQCREYHTPMQNKANYKHVAGSRKSNVCPSHKRTN\*MFIKYYRAAISERWW\*\*EG\*\*RDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTTIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*GIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKMFIIIVGSLIGLKIVFAVLSIVNRVRQGYSPLSFQTHLPAARGPDRPEGIEGEGGERDRDRSNQL

>B.2003.KC312482.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRASQGSEAHQSPLPKQ\*VVHVMSSLYIFSVVALVVAVILAIVVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VI\*NRST\*CLGHTCLCTHRSQPTRSSIRECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFELL\*L\*GE\*\*\*\*QRGGRRE\*Y\*AQ\*\*\*RHGERRIKKLLFQYYHKYKR\*STERICNFL\*T\*CSANR\*\*\*Q\*\*E\*QLY\*I\*VDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSTTAKWQSSRRRSNN\*I\*EFHKQC\*NHNGTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRTNHRRYKTSTL\*P\*WKRVE\*HFTQDKRKIKSTIS\*\*NNNL\*FIHRRGPRNCNAYF\*LWRGIFLL\*YNTTV\*\*C\*QWY\*KVPVQEISHSHAK\*SKL\*TCGRK\*EKQCMPPPIRGQIRCSSNITGLLLTRDGGNENKTNNTNIETFRPGGGDMRDNWRSELYKYKVVKIEPLGIAPTKAKRRVVQREKRAVGLGALFIGFLGAAGSTMGAASVTLTVQARLLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNKSLDDIWNNMTWMQWEREIENYTGLIYTLIEKSQNQQEKNEQELLALDKWASLWNWFDISNWLWYIKMFIIIIGSLVGLRIVFAVLSIVNRVRQGYSPLSFQTHLPAARGPDRPEGIEGEGGERDRDRSNQL

>B.2003.KC312483.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRASQGSEAHQSPLPKQ\*VVHVMSSLYIFSVVALVVAVILAIVVWTIVFIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRRFVGHSLLWGTCMERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSQPTRSSIGECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFELL\*LLEE\*LH\*\*\*HGGGRRIKKLLFQYYHKYKR\*STERICNFL\*T\*CSANR\*\*\*Q\*\*E\*QLY\*V\*VDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*AIQWNRTM\*KCQHSTMYTWN\*TSSVNSTTAKWQSSRRRHNN\*I\*EFHEQC\*NHNGTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRGNHRGYKTSTL\*P\*WKRLE\*HFTQDKRKIKSTIS\*\*NNNL\*SLHRRGPRNCNAYF\*LWRGIFLL\*YNTTV\*\*YYQWY\*RVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINERWW\*\*E\*YQQYQYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSAHQGKKKGGAEREKSSGTRSFVHWVLGSSRKHYGRSVSDADGTGQTTIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLDIHLN\*GIAKPTRKE\*TRIISIG\*MGKFVELV\*HIKLAVVYKNVHNDSRKLDRFKNSFCCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312484.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRASQGSEAHQNPLPKQ\*VVHVMLPLNILAVAALVVAVILAIVVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGACVERSNHHSILCIRC\*VI\*DRGA\*CLGHTCLCTHRSQPTRSSIRECDRKF\*HVEK\*HGRTNA\*GYNQSMGSKPKAMCKINPTLCYFELL\*L\*GEQ\*\*\*QRGGRRE\*YYAQ\*\*\*QRGERRIKKLLFQYHHKYKR\*GAKRICNFL\*T\*CSTNR\*\*\*Q\*\*D\*QLY\*I\*VDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSTAAKWQSSRRRHSN\*I\*ELHEQC\*NHNGTAEHNC\*N\*LYKTQ\*QYKERYTYRTRENILCNRGNHRGYKTSTL\*P\*WKRVE\*HFTQDKRKIKSTIS\*\*NNNL\*FIHRRGPRNCNAYF\*LWRGIFLL\*YNTTV\*\*YYQWY\*RVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*P\*QY\*YRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTTIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*GIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLDRFKNSFCCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312485.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSEAHQIPLPKQ\*VVHVMSLYILTVVAFVVAAILAIIVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VI\*DRGT\*CLGHTCLCTHRSQPTRSGIGECNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYLELL\*L\*GE\*\*\*\*QRGGRRE\*Y\*AQ\*\*\*RHGERRIKKLLFQYYHKYKR\*STERICNFL\*T\*CSANR\*\*\*Q\*\*E\*QLY\*I\*VDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*AIQWNRTM\*KCQHSTMYAWN\*TSSVNSTVAKWQSSRRRHNN\*I\*ESHEQC\*NHNCTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRTNHRGYKTSTL\*P\*WKRVE\*HFTQDKRKIKSTIS\*\*NNNL\*SLHRRGPRNCNAYF\*LWRGIFLL\*YNTTV\*\*YYQWY\*KVQCREYHTPMQNKANYKHVAGSGKSNVCPSHKRTN\*MFIKYYRAAISERWW\*C\*E\*YQHYQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGNSRKHYGRSVSDADGTGQTTIVWYSATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNDSRKLDRFKNSFYCTFYSK\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312486.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRASQGSEAHQNPLPKQ\*VVHVMSLYILTVVAFVVAAILAIIVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSQLVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VIQDRGT\*CLGHTCLCTHRSQPTRSSIGECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFGLL\*LLGE\*YCVQ\*E\*\*\*\*\*\*\*\*Y\*\*H\*LQY\*\*QRGGGRRIKKLLFQYHHKYKR\*DAERICNFL\*T\*YSTSR\*\*\*Q\*EY\*Q\*Y\*I\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*AIQWNRTM\*KC\*HSTMYTWN\*TSSVNSTTAKWQSSRRRHNN\*I\*EFHEQC\*NHNGTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRGNHRGYKTSTL\*P\*WKRLE\*HFTQDKRKIKSTIS\*\*NNNL\*SLHRRGPRNCNAYF\*LWRGIFLL\*YNTTV\*\*YYQWY\*RVQCRKYHPPMQNKANYKHVAGSRKSNVCPSHKRTN\*MFIKYYRAAISERWW\*\*EG\*\*RDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAESY\*GATASVATHSLGHKAASGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCTLEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLGRFKNSFCCTFHSE\*S\*AGIFTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312487.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRASQGSEAHQNPLPKQ\*VVHVMSSLYIFSVVALVVAVILAIVVWSIVFIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VI\*DRGT\*CLGHTCLCTYRSQPTRSSIRECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKSKAMCKINPTLCYFGML\*LLGE\*Y\*VQ\*YY\*\*Y\*\*Y\*\*Y\*\*Y\*VQ\*\*YHEGGRRIKKLLFQYHHKYKR\*DTERICNFL\*T\*YSTSR\*\*\*Q\*\*Y\*QY\*I\*VNKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*AIQWNRTM\*KCQHSTMYTWN\*ASSVNSTTAKWQSSRRRSNN\*I\*EFH\*QC\*NHNGTAEHNC\*NYTYRTRENILCNRGNHRGYKTSTL\*P\*WKRLE\*HFTQDKRKIKSTIS\*\*NNNL\*SLHRRGPRNCNAYF\*LWRGIFLL\*YNTTV\*\*YYQWY\*RVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*Q\*QD\*YRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAERKKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTTIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNDSRKLDRFKNNFYCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312488.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSKVHQNPLPKQ\*VVHVMSSLYIFSVVALVVAVILAIVVWSIVFIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGRLAPWDVNDM\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*VI\*DRGT\*CLGHTCLCTHRSQPTRSSIRECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFELL\*L\*EE\*\*\*\*QRGGRRE\*Y\*AQ\*\*\*RHGERRIKKLLFQYYHKYKR\*STERICNFL\*T\*CSANR\*\*\*Q\*\*E\*QLY\*I\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*AIQWNRTM\*KCQHSTMYTWN\*TSSVNSTTAKWQSSRRRSNN\*I\*EFHKQC\*NHNGTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRGNHRGYKTSTL\*P\*WKRLE\*HFTQDKRKIKSTIS\*\*NNNL\*SLHRRGPRNCNAYF\*LWRGIFLL\*YNTTI\*\*YYQWY\*RVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWL\*E\*YQQYQYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVNNADGTGQAIIVWYSATAKQFAESY\*GATASIATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLDIHLN\*GIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLDRFKNSFYCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312489.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRASQGSEAHQSPLPKQ\*VVHVMSSLYIFSVVALVVAVILAIVVWSIVFIEYRRIVRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSQPTRSSIGECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFELL\*LLEE\*LH\*\*\*HGGGRRIKKLLFQYHHKYKR\*GAKRICNFL\*T\*CSTNR\*\*\*Q\*\*D\*QLY\*V\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*AIQWNRTM\*KCQHSTMYTWN\*ASSVNSTTAKWQSSRRRSNN\*I\*EFH\*QC\*NHNGTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRGNHRGYKTSTL\*P\*WKRLE\*HFTQDKRKIKSTIS\*\*NNNL\*SLHRRGPRNCNAYF\*LWRGIFLL\*YNTIV\*\*YYQWY\*RVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINERWW\*GE\*YQQYQYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVNNADGTGQAIIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*GIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNSSRKLGRFKNSFCCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312490.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSEAHQIPLPKQ\*VVHVMSLYILTVVAFIVAAILAIVVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VI\*DRGT\*CLGHTCLCTYRSQPTRSSIRECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKSKAMCKINPTLCYFGML\*LLGE\*Y\*VQ\*YY\*\*Y\*\*Y\*\*Y\*\*Y\*VQ\*YYHEGGRRIKKLLFQYHHKYKR\*DTERICNFL\*T\*YSTNR\*\*\*Q\*\*D\*QLY\*V\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*AIQWNRTM\*KCQHSTMYTWN\*TSSVNSTAAKWQSSRRRHNN\*I\*EFHEQC\*NHNCTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRGNHRGYKTSTL\*P\*WKRLE\*HFTQDKRKIKSTIS\*\*NNNL\*SLHRRGPRNCNAYF\*LWRGIFLL\*YNTTV\*\*YYQWY\*RVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHKRTN\*MFIKYYRAAISERWW\*C\*E\*DQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRDSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTTIVWYSATAKQFAESY\*GATASVATHSLGHKAASGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAMGKRN\*KVHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLDRFKNSFYCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312491.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSEAHQIPLPKQ\*VVHVMSLYILTVVAFIVAAILAIVVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VISDRGT\*CVGHTCLCTYRSQPTRSSIRECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFRLL\*LLGE\*Y\*VQ\*\*\*\*Y\*\*Y\*\*Y\*\*WY\*Y\*VQ\*\*YHEGGRRIKKLLFQYHHKYKR\*DTERICNFL\*T\*CSTSR\*\*\*QY\*QY\*I\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTM\*KCQYSTMYTWN\*TSSVNSTAAKWQSSRRRHNN\*I\*ESHEQC\*NHNCTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRGNHREYKTSTL\*P\*WKRVE\*YFTQDKRKIKSTIS\*\*NNNL\*ATRRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*YYQWY\*KVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHKRTN\*MFIKYYRAAISERWW\*C\*GWY\*\*DQHRDLQTWRRRYEGQLEK\*II\*I\*SSEN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*YIKLAVVYKNVHNNNRKLGRFKNSFCCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312492.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRASQGSEAHQSPLPKQ\*VVHVMSSLYIFSVVALVVAVILAIVVWSIVFIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSQPTRSSIRECDRKF\*HVEK\*HGGTNA\*GYNQFMGSKPKAMCKINPTLCYFELL\*LLEE\*LH\*\*\*HGGGRRIKKLLFQYYHKYKR\*STERICNFL\*T\*CSANR\*\*\*Q\*\*E\*QLY\*I\*VDKL\*HFSHYTSLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*AIQWNRTM\*KCQHSTMYTWN\*ASSVNSTTAKWQSSRRRSNN\*I\*EFHKQC\*NHNGTAEHNC\*N\*LYKTQ\*QYKERYTYRTRENILCNRGNHRGYKTSTL\*P\*WKRLE\*HFTQDKRKIKSTIS\*\*NNNL\*FIHRRGPRNCNAYF\*LWRGIFLL\*YNTTV\*\*YYQWY\*RIQCRKYHTPMQNKANYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINERWW\*\*E\*DQQYQYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTTIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNDSRKLDRFKNSFCCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312493.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFTTKGLGISYGRKKRRQRRRASQGSEAHQNPLPKQ\*VVHVMLPLNILAVAAFVVAAILAIIVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSQPTRSSIGECDRKF\*HVEK\*HGRTNA\*RYNQFMGSKPKAMCKIDPTLCYFELL\*LWGE\*\*\*\*QHRGRRE\*\*\*\*QHRGRRIKKLLFQYHHKYKR\*DAERICNFFINLM\*YQ\*IMITIIILDIG\*\*VVTPQSLHRPVQR\*PLSQFPYIIVPQLVLQF\*SVKISNSMEQDHVKMSAQYNVHMELGQ\*CQLNCC\*MAV\*QKKK\*\*LDLRISLTMLKS\*LYI\*TQLLKLTVQDPTTIQGKVYI\*DQGEHFM\*QDKS\*GI\*DKHIVTLIAKIGMKLYTR\*EKN\*QHNFLIKQ\*SLINPQEGTQKL\*CTLLIVEGNFSTVIQHHCLIVLEVVLKNTMKKISHSHAK\*SKL\*TCGRK\*EKQCMPLPSEDKLDVHQILQGYY\*\*EMVVLRLAIMKLRPSDLEEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HPPRQKEEWCRERKER\*E\*EPCSLGSWEQQEALWAQRQ\*H\*RYRPDYYCLV\*CNSKTIC\*GLLRRNSICCNSQSGASSNSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCLGMLVGVINLWMIFGIT\*PGCSGKEKLKITQA\*YTP\*LKNRKTNKKRMNKNYWHWINGQVCGIGLTYQTGCGT\*KCS\*\*\*QEAW\*V\*E\*FLLYFL\*\*IELGRDIHHYRFRPASQPRGDPTGQKESKEKVERETETDPIN\*

>B.2003.KC312494.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFTTKGLGISYGRKKRRQRRRASQGSEAHQNPLPKQ\*VVHVMSSLYIFSVVALVVAVILAIVVWSIVFIEYRKILRQRKIDRLINRIRDRAEDSGNESEGDQEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSQPTRSSIGECDRKF\*HVEK\*HGRTNA\*RYNQFMGSKPKAMCKIDPTLCYFELL\*LWGE\*\*\*\*QHRGRRE\*\*\*\*QHRGRRIKKLLFQYHHKYKR\*DAERICNFFINMM\*YQ\*IMITIIILDIG\*\*VVTPQSLHRPVQR\*PLSQFPYIIVPQLVLRF\*SVKISNSMEQDHVKMSAQYNVHMELGQ\*CQLNCC\*MAV\*QKKK\*\*LDLRISRTMLKS\*LYS\*TQLLKLTVQDPTTIQGKVYI\*DQGEHFMQQGKS\*GT\*DKHIVTLIAKIGMKLYTR\*EKINSTIS\*\*NNNL\*SIRRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*Y\*KWY\*RIQ\*RKYHTPMQNKANYKHVAESRKSNVCPSHQRTN\*MFIKYYRATINERWWY\*DWQ\*\*N\*DLQTWRRR\*GTIGEVNYINIK\*\*KLNH\*E\*HPPRQKEEWCRERKER\*E\*EPCSLGSWEQQEALWAQRQ\*H\*RYRPDYYCLV\*CNSKTIC\*GLLRRNSICCNSQSGASSNSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCLGMLVGVINLWMIFGIT\*PGCSGKEKLKITQA\*YTP\*LKNRKTNKKRMNKNYWHWINGQVCGIGLTYQTGCGI\*KCS\*\*\*QEAW\*V\*E\*FLLYFL\*\*IELGRDIHHYRFRPASQPRGDPTGQKESKEKVERETETDPIN\*

>B.2003.KC312495.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRASQGSEAHQSPLPKQ\*VVHVMSSLYIFSVVALVVAVILAIVVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VI\*NRGT\*CLGHTCLCTHRSQPTRSSIRECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFELL\*LLEE\*HQ\*\*\*HGGGRRIKKLLFQYHHKYKR\*DAKRICNFL\*T\*CSTNR\*\*\*Q\*\*\*\*QLY\*I\*VDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*AIQWNRTM\*KCQHSAMYTWN\*ASSVNSTAAKWQSSRRRSNN\*I\*EFH\*QC\*NHNGTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRGNHRGYKTSTLYP\*\*KSLA\*NFTQDRRKIKSTIS\*\*NNNL\*SIHRRGPRNCNAYF\*LWRGIFLL\*YNTTV\*\*YYQWY\*QCRKYHRKYHTPMQNKANYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINERWW\*GE\*YQQYQYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGRTRSLVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSATAKQFAEGY\*GATASVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGGYLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNDSRKLGRFKNSFYCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312496.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSEAHQIPLPKQ\*VVHVMSSLYILTVVAFVVAAILAIIVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VI\*DRGT\*CLGHTCLCTYRSQPTRSSIRECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKSKAMCKINPTLCYFGML\*LLGE\*Y\*VQ\*YY\*\*Y\*\*Y\*\*Y\*\*Y\*VQ\*YYHEGGRRIKKLFFQYHHKYKR\*DTERICNFL\*T\*YSTNR\*\*\*Q\*\*D\*QLY\*V\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*AIQWNRTM\*KCQHSTMYTWN\*TSSVNSTAAKWQSSRRRHNN\*I\*EFHEQC\*NHNCTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRGNHRGYKTSTL\*P\*WKRLE\*HFTQDKRKIKSTIS\*\*NNNL\*SLHRRGPRNCNAYF\*LWRGIFLL\*YNTTV\*\*YYQWY\*RVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHKRTN\*MFIKYYRAAISERWW\*C\*E\*DQHRDLQTWRRRYEGQLEK\*II\*I\*NSKN\*TIRDSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTTIVWYSATAKQFAESY\*GATASVATHSLGHKAASGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLDRFKNSFYCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312497.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRASQGSEAHQNPLPKQ\*VVHVMSSLYIFSVVALVVAVILAIIVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VI\*DRGT\*CLGHTCLCTHRSQPTRSGIGECNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYLELL\*L\*GE\*\*\*\*QRGGRRE\*Y\*AQ\*\*\*RHGERRIKKLLFQYYHKYKR\*STERICNFL\*T\*CSANR\*\*\*Q\*\*E\*QLY\*I\*VDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCDSKM\*R\*AIQWNRTM\*KCQHSTMYTWN\*TSSVNSTAAKWQCSRRRHNN\*I\*ESHEQC\*NHNCTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRTNHRGYKTSTL\*P\*WKRVE\*HFTQDKRKIKSTIS\*\*DNNL\*SIHRRRPRNCNAHF\*LWRGIFLL\*YNTTV\*\*CYQWY\*QYRKYRKKYHAPMQNKANYKHVAGSRKSNVCPSHKRTN\*MFIKYYRAAISERWW\*C\*E\*YQHYQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TVRNSTHQGKKKGGAERKKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLGRFKNSFCCTFYSK\*S\*AGIFTIIVSDPLPSLEGTRQARRNRRRRWRERQRQIPSI

>B.2003.KC312498.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSEAHQIPLPKQ\*VVHVMSLYILTVVAFIVAAILAIVVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VISDRGT\*CLGHTCLCTYRSQPTRSSIRECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFGLL\*LLGE\*Y\*VQ\*\*\*\*Y\*\*Y\*WY\*\*WY\*Y\*VQ\*\*YHKGGRRIKKLLFQYHHKYKR\*DTERICNFL\*T\*CSTSR\*\*\*Q\*\*Y\*QY\*I\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFYDSKV\*R\*EVQWNRTMYSTMYTWN\*TSSVNSTAAKWQSSRRRHNN\*I\*ESHEQC\*NHNCTAEHNCKN\*LYKTQQQYKERYTYRTRENILCNRGNHREYKTSTL\*P\*WKRVE\*YFTQDKRKIKSTIS\*\*NNNL\*ATRRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*YYQWY\*NVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHKRTN\*MFIKYYRAAISERWW\*C\*E\*YQHYQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRITGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLDRFKNSFCCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312499.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQSSEAHQIPLPKQ\*VVHVMSLYILTVVAFIVAAILAIVVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VI\*DRGT\*CLGHTCLCTYRSQPTRSSIRECDRKF\*HVEK\*HGRTNA\*GYNQLMGSKSKAMCKINPTLCYFGLL\*LLGE\*Y\*VQ\*Q\*\*Y\*\*Y\*\*Y\*\*WY\*Y\*VQ\*\*YHEGGRRIKKLLFQYHHKYKR\*DTERICNFL\*T\*YSTSR\*\*\*Q\*\*Y\*QY\*I\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*TIQWNRTM\*KCQHSTMYTWN\*ASSVNSTAAKWQSSRRRHNN\*I\*ESHEQC\*NHNCTAEHNC\*N\*LYKTQQQYKERYTYRTRENLLCNRTNHRGYKTSTL\*P\*YE\*VE\*YFTQDKRKIKSTIS\*\*NNNL\*ATRRRGPRNCNAYF\*LWRRIFLL\*YNTIIQ\*Y\*KWY\*RVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHKRTN\*MFIKYYRAAISERWR\*RS\*EQ\*\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTTIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKK\*TRIIGIG\*MGKFVELV\*HIKLAVVYKIVHNHSRKLGRFKNSFCCTFYSK\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312500.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRASQGSEAHQSPLPKQ\*VVHVMSSLYIFSVVALVVAAILAIVVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VI\*NRGT\*CLGHTCLCTYRSQPTRSSIRECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYLELL\*LLSEE\*HQ\*\*HGGGRRIKKLLFQYHHKYKR\*DAKRICNFL\*T\*CSTNR\*\*\*Q\*\*D\*QLY\*V\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWD\*ASSVNSTAAKWQSSRRRHNN\*I\*KFHEQC\*NHNCTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRGNHRGYKTSTL\*P\*\*KSLEGNFTQDRRKIKSTIS\*\*NNNL\*SLHRRGPRNCNAYF\*LWRGIFLL\*YNTTV\*\*CYQWY\*QYRKYRRQYHAPMQNKANYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAISERWRSKS\*QQY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTTIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNNRKLDRFKNSFCCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312501.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFITKGLGISYGRKKWRQRRRSPQGSKAHQIPLPKQ\*VVHVMSSLYILTVAAFVVAAILAIIVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSQPTRSSIGECDRKF\*HVEK\*HGRTNA\*RYNQFMGSKPKAMCKINPTLCYFELL\*LWGE\*\*\*\*QHGGRRE\*\*\*\*QHRGRRIKKLLFQYHHKYKR\*DAERICNFL\*T\*CSTSR\*\*\*Q\*\*Y\*I\*VDKL\*HLSHYAGLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSTAAKWQSSRRRSNN\*I\*EFH\*QC\*NHNCTAEHSC\*N\*LYKTQQQYKERYTYRTRENILCNRTNHRGYKTSTL\*P\*\*QRLE\*NFTQDKRKLKAQFPNKTIIFNQSAGGDPEIVMHTFNCGGEFFYCDTTPLFNSTRSGIEEYDAENITLPCKIKQIINMWQKVGKAMYAPPIRGQIRCSSNITGLLLMRDGGIETGNNEAETFRPGGGDMRDNWRSELYKYKVVKIEPLGIAPTKAKRRVVQREKRAVGIGALFLGFLGAAGSTMGAASMTLTVQARLLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNKSLDDIWNNMTWMQWEREIENYTGLIYTLIEESQNQQEKNEQELLALDKWASLWNWFDISNWLWYIKMFIIIVGSLVGLRIVFAVLSIVNRVRQGYSPLSFQTRFPAPGGPDRPEGIEGEGGERDRDRSHQL

>B.2003.KC312502.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRASQGSEAHQSPLPKQ\*VVHVMSSLYILTVVAFVVAAILAIVVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSQLVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VIQDRGT\*CLGHTCLCTYRSQPTRSSIRECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFGVL\*LLGE\*Y\*VQ\*\*\*\*Y\*\*\*\*WY\*\*WY\*Y\*VQ\*YYHEGGRRIKKLLFQYHHKYKR\*DTERICNFL\*T\*CSASR\*\*\*Q\*\*Y\*QY\*I\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*R\*KVQWNRTM\*KCQHSTMHTWN\*ASSVNSTAAKWQSSRRRHNN\*I\*ESHEQC\*NHNCTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRGNHREYKTSTL\*P\*WNRVE\*YFTQDKRKIKSTIS\*\*NNNL\*ATRRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*YYQWY\*KVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHKRTN\*MFIKYYRAAISERWW\*\*EG\*\*RDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTYQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTTIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNNRKLDRFKNSFCCAFYSK\*S\*AGIFTIIVSDPLPSLEGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312503.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQSSEAHQIPLPKQ\*VVHVMSLYILTVAAFVVAAILAIIVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCTHRSQPTRSSIGECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFELL\*L\*GE\*\*\*EQRGGRRE\*Y\*AQ\*\*\*RHGERRIKKLLFQYYHKYKR\*STERICNFL\*TRCSANR\*\*\*Q\*\*\*\*QLY\*I\*VDKL\*HLSHYTGLSKSNL\*ANSHTLLCPSWFCDSKV\*R\*KVQWNRTMQKCQHSTMYTWN\*ASCVNSTAAKWQSSRRRHNN\*I\*ESHEQC\*NHNCTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRTNHREYKTSTL\*P\*WKRVE\*YFTQNKRKIKSTLS\*\*DNNL\*SIHRRRPRNCNAHF\*LWRGIFLL\*YNTTV\*\*CYQWY\*QYRKYRKKYHAPMQNKANYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWEHYRDQYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTTIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*YIKLAVVYKNVHNNNRKLGRFKNSFCCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312504.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSEAHQIPLPKQ\*VVHVMSLYILTVVAFVVAAVLAIVVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VISDRGT\*CLGHTCLCTYRSQPTRSSIRECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFGLL\*LLGE\*Y\*VQ\*\*\*\*Y\*\*Y\*WY\*\*WY\*Y\*VQ\*\*YHEGGRRIKKLLFQYHHKYKR\*DTERICNFL\*T\*CSTSR\*\*\*Q\*\*Y\*QY\*I\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKVQR\*EVQWNRTM\*KCQYSTMYTWN\*TSSVNSTAAKWQSSRRRHNN\*I\*ESHEQC\*NHNCTAEHNCKN\*LYKTQQQYKERYTYRTRENILCNRGNHREYKTSTL\*P\*WKRVE\*YFTQDKRKIKSTIS\*\*NNNL\*ATRRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*YYQWY\*NVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHKRTN\*MFIKYYRAAISERWW\*C\*E\*YQHYQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLDRFKNSFCCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312505.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFTTKGLGISYGRKKRRQRRRASQGSEAHQNPLPKQ\*VVHVMSSLYIFSVVALVVAVILAIVVWSIVFIEYRKILRQRKIDRLINRIRDRAEDSGNESEGDQEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSQPTRSSIGECDRKF\*HVEK\*HGRTNA\*RYNQFMGSKPKAMCKIDPTLCYFELL\*LWGE\*\*\*\*QHRGRRE\*\*\*\*QHRGRRIKKLLFQYHHKYKR\*DAERICNFL\*T\*CSTSR\*\*\*Q\*\*Y\*I\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*AIQWNRTM\*KCQHSTMYTWN\*ASSVNSTAAKWQYSRRRNNN\*I\*EFHEQC\*NHNCTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRGSHREHKTSTL\*P\*\*QRLE\*NFTQDKRKINSTIS\*\*NNNL\*SIRRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*Y\*KWY\*RIQ\*RKYHTPMQNKANYKHVAESRKSNVCPSHQRTN\*MFIKYYRATINERWWY\*DWQ\*\*N\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAEREKSGRNRSLVPWVLGSSRKHYGRSVNDTDGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRFNIHLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312506.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSEAHQIPLPKQ\*VVHVMSLYILTVVAFIVAAILAIVVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVYDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTYRSQPTRSSIRECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFGLL\*LLGE\*Y\*VQ\*Q\*\*Y\*\*Y\*\*Y\*\*WY\*Y\*VQ\*\*YHEGGRRIKKLLFQYHHKYKR\*DTERICNFL\*T\*YSTSR\*\*\*Q\*\*Y\*QY\*I\*VDKL\*HLSHYTGLSKSNL\*ANSHTLLCPSWFCDSKV\*R\*AIQWNRTM\*KCQYSTMYTWN\*TSSVNSTAAKWQSSRRRHNN\*I\*ESHEQC\*NHNCTAEHNCKN\*LYKTQQQYKERYTYRTRENILCNRGNHREYKTSTL\*P\*WKRVE\*YFTQNKRKIKSTIS\*\*NNNL\*SLHRRRPRNCNAHF\*LWRGIFLL\*YNTTV\*\*YYQWY\*KVQCREYHTPMQNKANYKHVAGSRKSNVCPSHKRTN\*MFIKYYRAAISERWW\*\*EG\*\*RDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTTIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHLN\*GIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNSRKLDRFKNSFCCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312507.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSEAHQIPLPKQ\*VVHVMSLYILTVAAFVVAAILAIIVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*YCRKFMGHSLLWGTCVERSNHHSILCIRC\*GI\*DRGT\*CLGHTCLCTHRSQPTRSSIGECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFGLL\*LLGE\*Y\*VQ\*\*\*\*Y\*\*WY\*Y\*\*WY\*Y\*VQ\*\*YHEGGRRIKKLLFQYHHKYKR\*DTERICNFL\*T\*YSTSR\*\*\*Q\*\*Y\*QY\*I\*VDKL\*HISYYTGLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSTAAKWQSSRRRHNN\*I\*ESHEQC\*NHNCTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRTNHREYKTSTL\*P\*WKRVE\*NFTQDKRKIKSTIS\*QNNNL\*SLHRRRPRNCNAHF\*LWRGIFLL\*YNTTV\*\*YYQWY\*KVQCREYHTPMQNKANYKHVAGSRKSNVCPSHKRTN\*MFIKYYRAAISERWW\*\*EG\*\*RDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTTIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIHPN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNNRKLDRFKNSFCCTFYSK\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312508.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQSSEAHQIPLPKQ\*VVHVMSLYILTVVAFVVAAVLAIIVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*VISDRGT\*CLGHTCLCTYRSQPTRSSIRECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFGLL\*LLGE\*Y\*VQ\*\*\*\*Y\*\*Y\*\*Y\*\*WY\*Y\*VQ\*\*YHEGGRRIKKLLFQYHHKYKR\*DTERICNFL\*T\*CSTSR\*\*\*Q\*\*Y\*QY\*I\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTM\*KCQYSTMYTWN\*TSSVNSTAAKWQSSRRRHNN\*I\*ESHEQC\*NHNCTAEHNC\*N\*LYKTQQQYKERYTYRTRENILCNRGNHREYKTSTL\*P\*WKRVE\*YFTQDKRKIKSTIS\*\*NNNL\*ATRRRGPRNCYAHF\*LWRGIFLL\*YNTTV\*\*YYQWY\*NVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHKRTN\*MFIKYYRAAISERWW\*C\*EWY\*\*DQHRDLQTWRRRYEGQLEK\*II\*I\*SSEN\*TIRNSTHQGKKKGGAEREKSGGTRSFVHWVLGSSRKHYGRSVSDADGTGQTTIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISR\*YLE\*HDLDAVGKRN\*KLHRLNIHLD\*RIAKPTRKE\*TRIIGIG\*MGKFMELV\*HIKLAVVYKNVHNNSRKLDRFKNSFCCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2003.KC312509.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRASQGSEAHQNPLPKQ\*VVHVMSSLYILTVVAFVVATILAIIVWSIVFIEYRRILRQRKIDRLIDRIRDRAEDSGNESEGDEEELSELVERGHLAPWDVNDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*GI\*DRGT\*CLGHTCLCTHGSQPTRSSIGECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFGML\*LLGE\*Y\*VQ\*YY\*\*Y\*\*Y\*\*Y\*\*Y\*VQ\*YYHEGGRRIKKLLFQYHHKYKR\*DTERICNFL\*T\*YSTSR\*\*\*Q\*\*Y\*QY\*I\*VNKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*AIQWNRTM\*KCQHSTMYTWN\*ASSVNSTTAKWQSSRRRSNN\*I\*EFH\*QC\*NHNGTAEHNC\*N\*LYKTQQ\*YKERYTYRTRENILCNRGNHRGYKTSTL\*P\*WKRLE\*HFTQDKRKIKSTIS\*\*NNNL\*SLHRRGPRNCNAYF\*LWRGIFLL\*YNTTV\*\*YYQWY\*RVQCRKYHTPMQNKANYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAISERWW\*\*EG\*\*RDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKGGAERKKSGRTRSLVHWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*KLHRLNIYLN\*RIAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNVHNNNRKLGRFKNSFCCTFYSE\*S\*AGIFTTIVSDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2007.KC312572.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VVHVMISLKIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTILGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRVSNGKCDRRI\*YVEK\*YGRTDA\*GCNQFMGSKPKAMCKINPTLCYFKLY\*\*YY\*C\*\*YC\*WC\*YHC\*YH\*\*\*\*VENGRRRNKKMLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*G\*YKLYFNNL\*HLSHHTGLSKDIL\*TNSYTLLCPGWFCDSKV\*R\*EFQWNRNM\*KCQHSTMYTWN\*ASSVNSTTVEWQSSRGRDST\*I\*KFHKQC\*NHNSTAG\*TYKHYLCKTPQQYKKRYTYRTREHILCNRRSNRRYKASTL\*H\*\*SRME\*HSTTVS\*KIKRTIWE\*QNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAAK\*\*YWE\*Y\*QQH\*QQHNHTPVQNKTNYK\*MARSRKSNVCPSHQRSN\*MYIKYYRATINKRWR\*\*Q\*\*YRDLQTWRRGYEGQLEK\*II\*IQSSKN\*AIRISTHQGKEKSGAERKKSNNDGSYVPWVPGSSRKHYGRSIVDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*YRSGKYLE\*YDLDAVGERN\*QLHRLNIQLT\*TIAKPARTE\*TRLIKVG\*VGKFVELV\*HNKLAVVYKNIHNDSRRFNRLKNSFNCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2007.KC312573.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRVSNGKCDRRI\*YVEK\*HGRTNA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*\*YY\*WY\*DC\*\*Y\*YHC\*YH\*\*\*\*VENGRRRNKKMLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*G\*\*YKLYFNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKV\*R\*GFQWNRKM\*KCQHSTMYTWN\*TSSVNSTAVKWQSSRGKDST\*I\*KFHKQC\*NHNSTAE\*IYKHYL\*KTQQQYKKKYTYRTRERILCSRRNNRKYKASTL\*H\*\*SQME\*HFTKDS\*EIKRTIWGKHNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLVV\*\*YYYLE\*D\*\*QQHNHTPVQNKTNYK\*MAGSRKSNVCPSHQRSN\*MYIKYYRATINKRWR\*\*E\*\*\*YLRRDLQTWRRGYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNDGSHVPWVPGSSRKHYGRSVIDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*YRSGQYLEQYDLDAVGERN\*QLHRLNIQLT\*RIANPTGKE\*TRLIKVG\*VGKFVELV\*HITLAVVYKNIHNDSRRFNRLKNSFGCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2007.KC312574.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*Y\*RTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*STRVSNGKCDRRI\*YVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*\*YY\*WY\*DC\*\*Y\*YHC\*YC\*SH\*\*\*\*VGNGCRRNKKLLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*E\*DKLYFNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKV\*RKGFQWNRKM\*KCQHSTMYTWN\*ASSVNSTTVEWQSSRRQDST\*I\*KFHKQC\*NHNSTAE\*IYKHYL\*KTQQQYKKKYTYRTREHILCNRRNNRKYKASTL\*H\*\*SRME\*HFTKDS\*KIKRTIWG\*QNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAV\*\*YYYLE\*D\*\*QRHNHTPVQNKTNYK\*MAGSRKSNVCPSHQRSN\*MYIKYYRATVNKRWR\*\*\*\*\*\*YLRRDLQTWRRGYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNDGSYVPWVPGSSRKHYGRSIIDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*YRSGQYLEQYDLDAVGERN\*QLHRLNIQLT\*RIANPTGKE\*TRLIKIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRFNRLKNSFGCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2007.KC312575.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDKLLDRIIERAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*Y\*RTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRVSNGKCDRRI\*YVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLQ\*\*YY\*W\*\*DC\*\*YWYHC\*SY\*CH\*\*\*\*FDNGCRRNKKLLFQCHKHRR\*EEERICIVPIDKDDNTSYTLITCNTSVITQACPKISFEPIPIHYCAPAGFAILKCREKDFNGTGKCRNVSTVQCTHGIKPVVSTQLLLNGSLAEDKIVLRSENFTNNAKTIIVQLNESISITCERPNNNTRKSIRIGPGSTFYATGEIIGNIRQAHCNISRAAWNNTLQKIAKKLREQFGDNKTIKFNQSSGGDPEIVMHSFNCGGEFFYCNTTKLFNSTWLSNDTTTWNETNNNDTIILPCRIRQIINRWQEVGKAMYAPPISGLIRCTSNITGLLLTRDGGNNNNSNISEEIFRPGGGDMRDNWRSELYKYKVVKIEPLGLAPTKAKRRVVQREKRAITMGAMFLGFLGAAGSTMGAASLTLTVQARLLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTSVPWNNSWSNNTDLDNIWSNMTWMQWEKEIDNYTGLIYSLLEESQTQQEKNELDLLKLDEWASLWNWFDISNWLWYIKIFIMIVGGLIGLRIVLAVLSIVNRVRQGYSPLSLQTLLPTQRGPDRPEGIEEDGGERDRDTSRPL

>B.2007.KC312576.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVDRGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRASNGKCDRRI\*YVEK\*YGRTDA\*GCNQFMGSKPKAMCKINPTLCYFKLY\*\*YY\*C\*\*YC\*WC\*YHY\*YH\*\*\*\*VENGSRRNKKMLFQCHKHRR\*EEERICIFL\*S\*YSTTR\*G\*G\*YKLYFNNL\*HLSHYTGLSKNIL\*TNSYTLLCPGWFCDSKV\*R\*EFQWNRNM\*KCQHSTMYTWN\*ASSVNSTTVEWQSSRGRDST\*I\*KFHKQC\*NHNSTAEGTYKHYLCKTPQQYKKRYTYRTREHILCNRRSNRRYKASTL\*H\*\*NRME\*RSKTVS\*KIKRTIWE\*QNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAVWE\*YY\*QQH\*QQHNHTPMQNKTNYK\*MAGSRKSNVCPSHQRSN\*MHIKYYRATINKRWR\*YR\*\*YRDLQTWRRGYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNDGSYVPWVPGSSRKHYGRSIIDADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*YRSGKYLE\*YDLDAVGERN\*QLHRLNIQLT\*TIAKPARTE\*TRLIKIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRFNRLKNSFNCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2007.KC312577.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRVHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRVSNGKCDRRI\*YVEK\*HGRTDA\*GYNKFMGSKPKAMCKTNPTLCYFRMQ\*\*YY\*WY\*DC\*\*Y\*YPC\*SH\*\*\*\*FENGCRRNKKLLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*E\*DKLYFNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKV\*R\*GFQWNRKMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRGKDSA\*I\*KFHKQC\*NDNSTAE\*IYSHYLCKTQQQYKKKYTSRTRTRERILCNRKNNRKYKASTL\*H\*\*SQME\*HFTKDSYEIKRTIWGKHNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAV\*\*YYYLE\*D\*\*QRHNHTPVQNKTNYK\*MAGSRKSNVCPSHQRSN\*MYIKYYRATINKRWR\*\*\*\*\*\*\*YLRRDLQTWRRGYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNDGSFVPWVPGSSRKHYGRSVIDADGTGQTIIVWYSATAEQSAESY\*GATASAATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*Y\*SGQYLEQYDLDAVGERN\*QLHRLNIQLT\*TIANPTGKE\*TRLIKVG\*VGKFVELV\*HIKLAVVYKNIHNDSRRFNRLKNSCCCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2007.KC312578.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVDRGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSVLCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRVSNGKCDRRV\*YVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*\*YY\*C\*\*YC\*WC\*YHC\*YH\*\*\*\*VENGRRRNKKMLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*G\*G\*YKLYFNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKV\*R\*EFQWNRNM\*KCQHSTMYTWN\*ASSVNSTTVEWQSSRGRDST\*I\*KFHKQC\*NHNSTAEGTYKHYLCKTPQQYKKRYTYRTREHILCNRRSNRRYKASTL\*H\*\*NRME\*HSTTVS\*KIKRTIWE\*QNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAVWE\*YY\*QQH\*QQHNHTPMQNKTNYK\*MAGSRKSNVCPSHQRSN\*MHIRYYRATINKRWR\*YQ\*\*YRDLQTWRRGYEGQLEK\*II\*IQSSKN\*AIRISTHQGKEKSGAERKESNNDGSYVPWVPGSSRKHYGRSVIDTDGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*YRSGKYLE\*YDLDAVGERN\*QLHRLNIQLT\*TIAKPARTE\*TRLIKVG\*VGKFVELV\*HNKLAVVYKNIHNDSRRFNRLKNSFNCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAL

>B.2007.KC312579.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVDRGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRASNGKCDRRI\*YVEK\*YGRTDA\*GCNQFMGSKPKAMCKINPTLCYFKLY\*\*YY\*C\*\*YC\*WC\*YHC\*YH\*\*\*\*VENGSRRNKKMLFQCHKHRR\*EEERICIFL\*S\*YSTTR\*G\*G\*YKLYFNNL\*HLSHYTSLSKDIL\*TNSYTLLCPGWFCDSKV\*R\*EFQWNRNM\*KCQHSTMYTWN\*ASSVNSTTVEWQSSRGRDST\*I\*KFHKQC\*KHNSTAEGTYKHYLCKTPQQYKKRYTYRTREHILCNRRSNRRYKASTL\*H\*\*NRME\*HSTTVS\*KIKRTIWE\*QNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAVWE\*YY\*QQH\*QQHNHTPMQNKTNYK\*MAGSRKSNVCPSHQRSN\*MYIKYYRAAINKRWR\*Y\*\*\*YRDLQTWRRGYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNDGSYVPWVPGSSRKHYGRSVIDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCTLE\*\*LE\*\*YRSGKYLE\*YDLDAVGERN\*QLHRLNIQLT\*TIAKPARTE\*TRLIKIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRFNRLKNSFNCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAL

>B.2007.KC312580.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLIDRIVERAEDSGNESEGDQEELSALMDRGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSVLCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRVSNGKCDRRV\*YVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*\*YY\*C\*\*YC\*WC\*YHC\*YH\*\*\*\*VENGRRRNKKMLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*G\*G\*YKLYFNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKV\*R\*EFQWNRNM\*KCQHSTMYTWN\*ASSVNSTTVEWQSSRGRDST\*I\*KFHKQC\*NHNSTAEGTYKHHLCKTPQQYKKRYTYRTREHILCNRRSNRRYKASTL\*H\*\*NRME\*HSTTVS\*KIKRTIWE\*QNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAVWE\*YY\*QQH\*QQHNHTPMQNKTNYK\*MAGSRKSNVCPSHQRSN\*MHIKYYRATINKRWR\*YQ\*\*YRDLQTWRRGYEGQLEK\*II\*IQSSKN\*AIRISTHQGKEKSGAERKESNNDGSYVPWVPGSSRKHYGRSVIDTDGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*YRSGKYLE\*YDLDAVGERN\*QLHRLNIQLT\*TIAKPARTE\*TRLIKVG\*VGKFVELV\*HNKLAVVYKNIHNDSRRFNRLKNSFNCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAL

>B.2007.KC312581.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRVSNGKCDRRI\*YVEK\*HGRTNA\*GYNKFMGSKPKAMCKTNPTLCYFRMQ\*\*YY\*WY\*DC\*\*Y\*YPC\*SH\*\*\*\*FENGCRRNKKLLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*E\*DKLYFNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKV\*R\*GFQWNRKMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRGKDSA\*I\*KFHKQC\*NDNSTAE\*IYNHYLCKTQQQYKKKYTSRTRERILCNRKNNRKYKASTL\*H\*\*SQME\*HFTKDSYEIKRTIWGKHNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAV\*\*YYYLE\*D\*\*QRHNHTPVQNKTNYK\*MAGSRKSNVCPSHQRSN\*LYIKYYRATINKRWR\*\*\*\*\*\*YLRRDLQTWRRGYEGQLEK\*II\*IQSSKN\*AIRISTHQGKEKSGAERKKSNNDGSFVPWVPGSSRKHYGRSVIDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*YRSGQYLEQYDLDAVGERN\*QLHRLNIQLT\*RIANPTGKE\*TRLIKVG\*VGKFVELV\*HIKLAVVYKNIHNDSRRFNRLKNSFGCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2007.KC312582.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHPILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRVSNGKCDRRI\*YVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLQ\*\*YY\*W\*\*YY\*W\*\*YHC\*YC\*SH\*\*\*\*VGNGCRRNKKLLF\*CHKHRR\*EEERICIFL\*S\*YSTNR\*E\*DKLYFNNL\*HLSHYTGLSKDIF\*TNSYTLLCPGWFCDSKV\*R\*GFQWNRKM\*QCQHSTMYTWD\*TSSVNSTTVKWQFSRGKDST\*I\*KFHKQC\*NHNSTAAYTYKHYLCKTQQQYKKKYTYRTRERILCSRRNNRKYKASTL\*H\*\*SRME\*HFTKDSYEIKRTIWGKHNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAV\*\*YYYLE\*D\*\*QQHNHTPVQNKTNYK\*MAGSRKSNVCPSHQRSN\*MYIKYYRATINKRWR\*\*\*\*\*\*\*YLRRDLQTWRRRYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNNGSYVPWVPGSSRKHYGRSVIDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*YRSGQYLEQYDLDAVGERN\*QLHRLNIQLT\*RIANPTGKE\*TRLIKVG\*VGKSVELV\*HIKLAVVYKNIHNDSRRFNRLKNSFGCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2007.KC312583.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRVSNGKCDRRI\*YVEK\*YGRTNA\*GYNQFMGSKPKAMCKINPTLCYFTLR\*\*YY\*W\*\*NC\*\*YWYHC\*YC\*CH\*\*\*\*FDNGCRRNKKLLFQCHKHRR\*EEKRICIFL\*S\*YSTNR\*G\*\*YKLYFNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKV\*REGFQWNRKM\*KCQHSTMYTWN\*TSSVNSTAVKWQSSRGKDSTKI\*KFHKQC\*NHNSTAAYTYKHYLCKTQQQYKKKYTYRTRERILCSRRNNRKYKASTL\*H\*\*SQME\*HFTKDS\*EIKRTIWGKHNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLVV\*\*YYYLE\*D\*\*QQHNHTPVQNKTNYK\*MAGSRKSNVCPSHQRSN\*MYIKYYRATINKRWR\*\*\*\*\*\*\*YLRRDLQTWRRGYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNDGSFVPWVPGSSRKHYGRSVIDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*YRSGQYLEQYDLDAVGERN\*QLHRLNIQLT\*RIANPTGKE\*TRLLKLDEWASLWNWFDISHWLWYIKIFIMIVGGLIGLRIVLAVLSIVNRVRQGYSPLSLQTLLPTQRGPDRPEGIEEDGGERDRDTSRPL

>B.2007.KC312584.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRVSNGKCDRRI\*YVEK\*HGRTDA\*GYNKFMGSKPKAMCKTNPTLCYFRMQ\*\*YY\*WY\*DC\*\*Y\*YPC\*SH\*\*\*\*FENGCRRNKKLLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*E\*DKLYFNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKV\*R\*GFQWNRKMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRGKDSA\*I\*KFHKQC\*NDNSTAE\*IYNHYLCKTQQQYKKKYTSRTRTRERILCNRKNNRKYKASTL\*H\*\*SQME\*HFTKDSYEIKRTIWGKHNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAV\*\*YYYLE\*D\*\*QRHNHTPVQNKTNYK\*MAGSRKSNVCPSHQRSN\*MYIKYYRATINKRWR\*\*\*\*\*\*\*YLRRDLQTWRRGYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNDGSFVPWVPGSSRKHYGRSVIDADGTGQTIIVWYSATAEQSAESY\*GATASAATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*Y\*SGQYLEQYDLDAVGERN\*QLHRLNIQLT\*TIANPTGKE\*TRLIKVG\*VGKFVELV\*HIKLAVVYKNIHNDSRRFNRLKNSCCCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2007.KC312585.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRVSNGKCDRRI\*YVEK\*YGRTDA\*GYNQSMGSKPNAMCKINPTLCYLKLY\*\*YY\*C\*\*YC\*WC\*YHC\*YH\*\*\*\*IGNGCRRNKKLLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*E\*DKLYFNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKV\*RKEFQWNRKM\*KCQHSTMYTWN\*TSSVNSTAVKWQSSRGKDST\*I\*KFHKQC\*NHNSTAE\*IYKHYLCETQQQYKKKYTSRTRERILCNRKNNRKYKASTL\*H\*\*NRME\*HSTAVS\*KIKRTIWE\*QNNKI\*STLRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAA\*WYYYLE\*C\*\*QRHNHTPVQNKTNYK\*MAGSRKSNVCPSHQRSN\*MYIKYYRATTNKRWR\*\*\*\*\*\*CLRRDLQTWRRRYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNVGSYVPWVPGSSRKHYGRSVIDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*YRSGQYLEQYDLDAVGERN\*QLHRFNIQLT\*RIANPTGKE\*IRLIKVG\*VGEFVELV\*HIKLAVVYKNIHNDSRRFNRLKNSFGCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2007.KC312586.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKXLGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*Y\*RTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*STRVSNGKCDRRI\*YVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*\*YY\*WY\*DC\*\*Y\*YHC\*YC\*SH\*\*\*\*VGNGCRRNKKLLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*E\*DKLYFNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKV\*RKXFQWNRKM\*KCQHSTMYTWN\*TSSVNSTAVKWQSSRGKDST\*I\*KFHKQC\*NHNSTAE\*IYKHYLCETQQQYKKKYTSRTRERILCNRKNNRKYKASTL\*H\*\*NRME\*HSTAVS\*KIKRTIWE\*QNNKI\*STLRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAX\*XYYYLE\*X\*\*QRHNHTPVQNKTNYK\*MAGSRKSNVCPSHQRSN\*MYIKYYRATXNKRWR\*\*\*\*\*\*XLRRDLQTWRRXYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNXGSYVPWVPGSSRKHYGRSXIDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*YRSGQYLEQYDLDAVGERN\*QLHRLNIQLT\*RIANPTGKE\*TRLIKIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRFNRLKNSFGCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2007.KC312587.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRVSNGKCDRRI\*YVEK\*YGRTDA\*GYNQLMGSKPKAMCKINTTLCYFKLH\*\*YY\*WY\*DC\*\*Y\*YHC\*SH\*\*\*\*IENGCRRNKKLLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*E\*DKLYFNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKVQR\*GFQWNRKM\*KCQHSTMYTWD\*TSSVNSTAVKWQSSRGKDSTKI\*KFHKQC\*NHNSTAAYTYKHYLCKTQQQYKKKYTYRTRERILCSRRNNRKYKASTL\*H\*\*SQME\*HFTRDS\*EIKRTIWGKHNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLVV\*\*YYYLE\*D\*\*QQHNHTPVQNKTNYK\*MAGSRKSNVCPSHQRSN\*MYIKYYRATINKRWR\*\*E\*\*\*YLRRDLQTWRRGYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNDGSYVPWVPGSSRKHYGRSVIDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*YRSGQYLEQYDLDAVGERN\*\*LHRLNIQLT\*TIANPTGKE\*TRLIKVG\*VGKFVELV\*HITLAVVYKNIHNDSRRFNRLKNSFGCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2007.KC312588.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVDRGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRASNGKCDRRI\*YVEK\*YGRTDA\*GCNQFMGSKPKAMCKINPTLCYFKLY\*\*YY\*C\*\*YC\*WC\*YHC\*YH\*\*\*\*VENGSRRNKKMLFQCHKHRR\*EEERICIFL\*S\*YSTTR\*G\*G\*YKLYFNNL\*HLSHYTSLSKDIL\*TNSYTLLCPGWFCDSKV\*R\*EFQWNRNM\*KCQHSTMYTWN\*ASSVNSTTVEWQSSRGRDST\*I\*KFHKQC\*KHNSTAEGTYKHYLCKTPQQYKKRYTYRTREHILCNRRSNRRYKASTL\*H\*\*NRME\*HSTTVS\*KIKRTIWE\*QNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAVWE\*YY\*QQH\*QQHNHTPMQNKTNYK\*MAGSRKSNVCPSHQRSN\*MYIKYYRAAINKRWR\*Y\*\*\*YRDLQTWRRGYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNDGSYVPWVPGSSRKHYGRSVIDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCTLE\*\*LE\*\*YRSGKYLE\*YDLDAVGERN\*QLHRLNIQLT\*TIAKPARTE\*TRLIKIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRFNRLKNSFNCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAL

>B.2007.KC312589.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VVHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLLERIIERAEDSGNESEGDQEELSALVDRGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRPEPTRVSNGKCDRRI\*YVEK\*YGRTDA\*GCNQFMGSKPKAMCKINPTLCYFKLY\*\*YY\*C\*\*YC\*WC\*YHC\*YH\*\*\*\*VENGSRRNKKMLFQCHKHRR\*EEDRICIFL\*S\*YSTNR\*G\*G\*YKLYFNNL\*HLSHYTSLSKDIL\*TNSYTLLCPGWFCDSKV\*R\*EFQWNRNM\*KCQHSTMYTWN\*ASSVNSTTVEWQSSRGRDST\*I\*KFHKQC\*NHNSTAEGTYKHYLCKTPQQYKKRYTYRTREHILCNRRSNRRYKASTL\*H\*\*SRME\*HSTTVS\*KIKRTIWE\*QNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAIK\*YYWK\*Y\*QQH\*QQHNHTPVQNKTNYK\*MAGSRKSNVCPSHQRAN\*MYIKYYRATINKRWR\*Y\*\*\*YRDLQTWRRGYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNDGSYVPWVPGSSRKHYGRSVIDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*YRSGKYLE\*YDLDAVGERN\*QLHRLNIQLT\*TIAKPARTE\*TRLIKVG\*VGKFVELV\*HNKLAVVYKNIHNDSRRFNRLKNSFNCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAL

>B.2007.KC312590.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*STRVSNGKCDRRI\*YVEK\*HGRTNA\*GYNKFMGSKPKAMCKINPTLCYFTLQ\*\*DY\*E\*\*YY\*\*Y\*SHC\*SC\*CH\*\*\*\*FDNGCRRNKKLLFQCHRHRR\*EEERICIFL\*S\*YSTNR\*G\*\*YKLYFNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKV\*R\*GFQWNRKMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRGKDST\*I\*KFHKQC\*NHNSTAECIYKHYL\*KTQQ\*YKKKYTYRTRERILCNRRNNRKYKASTL\*H\*\*SRME\*HFTKDSYEIKRTIWG\*QNNKI\*SILRRGPRSRNAQF\*LWR\*IFLL\*YNKAV\*\*HLAV\*\*YYYLE\*D\*\*QQHNHTPVQNKTNYK\*MAGSRKSNVCTSHQRSN\*MHIKYYRATINKRWR\*\*\*\*\*\*YLRRDLQTWRRGYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNDGSYVPWVPGSSRKHYGRSVIDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*YRSGQYLEQYDLDAVGERN\*QLHRLNIQLT\*TIANPTGKE\*TRLIKVG\*VGKFVELV\*HITLAVVYKNIHNDSRRFNRLKNSFGCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2007.KC312591.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*STRVSNGKCDRRI\*YVEK\*HGRTNA\*GYNKFMGSKPKAMCKINPTLCYVKLH\*\*YC\*WY\*DC\*\*Y\*YHC\*SC\*CH\*\*\*\*FDNGCRRNKKLLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*E\*DKLYFNNL\*HLSHYTSLSKDIF\*TNSYTLLCPGWFCDSKV\*R\*GFQWNRKM\*KC\*HSTMYTWD\*TSSVNSTAVKWQSSRGKHST\*I\*KFHKQC\*NHNSTAEGTYKHYLCKTPQQYKKKYTYRTREHILCNRRSNRRYKASTL\*H\*\*SRME\*HFTKDSYEIKRTIWGKHNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAV\*\*YYYLE\*D\*\*QQYNHTPVQNKTNYK\*MAGSRKSNVCPSHQRSN\*MYIKYYRATINKRWR\*\*\*\*\*\*YLRRDLQTWRRGYEGQLEK\*VIQIQSSKN\*AIRISTHQGKEKSGAERKKSNNDGSYVPWVPGSSRKHYGRSIIDADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*YRSGQHLEQYDLDAVGERN\*QLHRLNIQLT\*TIANPTGKE\*TRLIKVG\*VGKFVELV\*HIKLAVVYKNIHNDSRRFNRLKNSFGCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2007.KC312592.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRVHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRVSNGKCDRRI\*YVEK\*HGRTDA\*GYNKFMGSKPKAMCKTNPTLCYFRMQ\*\*YY\*WY\*DC\*\*Y\*YPC\*SH\*\*\*\*FENGCRRNKKLLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*E\*DKLYFNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKV\*R\*GFQWNRKMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRGKDSA\*I\*KFHKQC\*NDNSTAE\*IYSHYLCKTQQQYKKKYTSRTRTRERILCNRKNNRKYKASTL\*H\*\*SQME\*HFTKDSYEIKRTIWGKHNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAV\*\*YYYLE\*D\*\*QRHNHTPVQNKTNYK\*MAGSRKSNVCPSHQRSN\*MYIKYYRATINKRWR\*\*\*\*\*\*\*YLRRDLQTWRRGYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNDGSFVPWVPGSSRKHYGRSVIDADGTGQTIIVWYSATAEQSAESY\*GATASAATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*Y\*SGQYLEQYDLDAVGERN\*QLHRLNIQLT\*TIANPTGKE\*TRLIKVG\*VGKFVELV\*HIKLAVVYKNIHNDSRRFNRLKNSCCCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2007.KC312593.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRVSNGKCDRRI\*YVEK\*HGRTDA\*GYNKFMGSKPKAMCKTNPTLCYFRMQ\*\*YY\*WY\*DC\*\*Y\*YPC\*SH\*\*\*\*FENGCRRNKKLLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*E\*DKLYFNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKV\*R\*GFQWNRKMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRGKDSA\*I\*KFHKQC\*NDNSTAE\*IYSHYLCKTQQQYKKKYTSRTRTRERILCNRKNNRKYKASTL\*H\*\*SQME\*HFTKDSYEIKRTIWGKHNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAV\*\*YYYLE\*D\*\*QRHNHTPVQNKTNYK\*MAGSRKSNVCPSHQRSN\*MYIKYYRATINKRWR\*\*\*\*\*\*\*YLRRDLQTWRRGYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNDGSFVPWVPGSSRKHYGRSVIDADGTGQTIIVWYSATAEQSAESY\*GATASAATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*Y\*SGQYLEQYDLDAVGERN\*QLHRLNIQLT\*TIANPTGKE\*TRLIKVG\*VGKFVELV\*HIKLAVVYKNIHNDSRRFNRLKNSCCCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2007.KC312594.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDKLLDRIIERAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHPILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRVNNGKCDRRI\*YVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLQ\*\*YY\*W\*\*YY\*\*Y\*YHC\*SC\*CH\*\*\*\*FDNGCRRNKKLLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*E\*DKLYSNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKV\*R\*EFQWNRNM\*KCQHSTMYTWN\*ASSVNSTTVEWQSSRGKDST\*I\*KFHKQC\*NHNSTAE\*IYKHYL\*KTQQQYKKKYTHRTREHILCNRRNNRKYKASTL\*H\*\*SRME\*HFTKDSYEIKRTIWG\*QNNKI\*SILRRGPRSCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAV\*\*YYYLE\*D\*\*QQHNHTPVQNKTNYK\*MAGSRKSNVCPSHQRSN\*MYIKYYRATTNKRWR\*\*\*\*\*\*CLRRDLQTWRRRYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNVGSYVPWVPGSSGKHYGRSVIDADGTGQTIIVWHSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*YRSGQYLEQYDLDAVGERN\*QLHRLNIQLT\*RIANPTGKE\*TRLIKVG\*VGKFVELV\*HIKLAVVYKNIHNDSRRFNRLKNSFGCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2007.KC312595.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVDRGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRVSNGKCDRRI\*YVEK\*YGRTDA\*GCNQFMGSKPKAMCKINPTLCYFKLY\*\*YY\*C\*\*YC\*\*C\*YHC\*YH\*\*\*\*VENGSRRNKKMLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*G\*YKLYFNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKV\*R\*EFQWNRNM\*KCQHSTMYTWN\*ASSVNSTTVEWQSSRGRDST\*I\*KFHKQC\*NHNSTAEGTCKHYLCKTPQQYKKKYTYRTRENILCNRRSNRRYKASTL\*H\*\*NRME\*HSTTVS\*KIKRTIWE\*QNNKI\*SILRRRPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAVWE\*YY\*QQH\*QQHNHTPMQNKTNYK\*MAGSRKSNVCPSHQRSN\*MHIKYYRATINKRWR\*YQ\*\*YRDLQTWRRGYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNDGSYVPWVPGSSRKHYGRSVIDTDGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*YRSGKYLE\*YDLDAVGERN\*QLHRLNIQLT\*TIAKPARTE\*TRLIKVG\*VGKFVELV\*HNKLAVVYKNIHNDSRRFNRLKNSFNCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAL

>B.2007.KC312596.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SR\*QRST\*YLGHTCLCTHRP\*PTRVSNGKCDRRI\*YVEK\*HGRTNA\*GYNKFMGSKHKAMCKINPTLCYFTLQ\*\*YY\*G\*\*YCW\*C\*YHC\*YH\*\*\*\*FENGCRRNKKLLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*E\*DKLYFNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKV\*RKEFQWNRKM\*KCQHSTMYTWN\*TSSVNSTAVKWQSSRGKDSA\*I\*KFHKQC\*NDNSTAK\*IYKHYLCETQQQYKKKYTSRTRERILCNRRNNRKYKASTL\*H\*\*SRME\*HFTKDSYEIKRTIWG\*QNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAV\*\*YYYLE\*D\*RQQHNHTPVQNKTNYK\*MAGSRKSNVCPSHQRSN\*LYIKYYRATINKRWR\*\*\*\*\*\*YLRRDLQTWRRRYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNDGSYVPWVPGSSRKHYGRSIIDADGTGQTIIVWHSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*YRSGQYLEQYDLDAVGERN\*QLHRLNIQLT\*RIANPTGKE\*TRLIKIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRFNRLKNSFGYTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAL

>B.2007.KC312597.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRVSNGKCDRRI\*YVEK\*HGRTNA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*\*YY\*WY\*DC\*\*Y\*YHC\*YH\*\*\*\*VENGRRRNKKCYFNVTSIGDKRKKEYAYFYNLDIVPIDKDDNTSYTLITCNTSVITQACPKISFEPIPIHYCAPAGFAILKCREKDFNGTGKCRNVSTVQCTHGIKPVVSTQLLLNGSLAEEKIVLRSENFTNNAKTIIVQLHTPINITCVRPNNNTRKSIRIGPGSAFYAAGEIIGNIRQAHCNISKARWNNTLQKIARKLREQFGENTTIKFNQSSGGDPEIVMHSFNCGGEFFYCNTTKLFNSTWLSNDTTTWNETNDNSTIILPCRIRQIINRWQEVGKAMYAPPISGLIKCTSNITGLLLTRDGGNKNNSNTSEEIFRPGGGDMRDNWRSELYKYKVVKIEPLGLAPTKAKRRVVQREKRAITMGAMFLGFLGAAGSTMGAASLTLTVQARLLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTSVPWNNSWSNNTDLDNIWSNMTWMQWEKEIDNYTGLIYSLLEESQTQQEKNELDLLKLDEWASLWNWFDISNWLWYIKIFIMIVGGLIGLRIVLAVLSIVNRVRQGYSPLSLQTLLPTQRGPDRPEGIEEDGGERDRDTSRPL

>B.2007.KC312598.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VVHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDKLLDRIIERAEDSGNESEGDQEELSALVDRGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRASNGKCDRRI\*YVEK\*YGRTDA\*GCNQFMGSKPKAMCKINPTLCYFKLY\*\*YY\*C\*\*YC\*WC\*YHC\*YH\*\*\*\*VENGSRRNKKMLFQCHKHRR\*EEERICIFL\*S\*YSTTR\*G\*G\*YKLYFNNL\*HLSHYTGLSKNIL\*TNSYTLLCPGWFCDSKV\*R\*GFQWNRRM\*KCQHSTMYTWD\*TSGVNSTAVEWQSSRERDST\*I\*KFHKQC\*KHNSTAEGTYKHYLCKTPQQYKKRYTYRTREHILCNRRSNRRYKASTL\*H\*\*NRME\*HSKTAS\*KIKRTIWE\*QNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAVWE\*YY\*QQH\*QQHNHTPMQNKTNYK\*MAGSRKSNVCPSHQRSN\*MYIKYYRAAINKRWR\*Y\*\*\*YRDLQTWRRGYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNDGSYVPWVPGSSRKHYGRSVIDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCTLE\*\*LE\*\*YRSGKYLE\*YDLDAVGERN\*QLHRLNIQLT\*TIAKPARTE\*TRLIKIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRFNRLKNSFNCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAL

>B.2007.KC312599.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDRLLDRIIDRAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SS\*QRST\*YLGHTCLCTHRP\*PTRVSNGKCDRRI\*YVEK\*HGRTDA\*GYNKFMGSKPKAMCKTNPTLCYFRMQ\*\*YY\*WY\*DC\*\*Y\*YPC\*SH\*\*\*\*FENGCRRNKKLLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*E\*DKLYFNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKV\*R\*GFQWNRKMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRGKDSA\*I\*KFHKQC\*NDNSTAE\*IYSHYLCKTQQQYKKKYTSRTRTRERILCNRKNNRKYKASTL\*H\*\*SQME\*HFTKDSYEIKRTIWGKHNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAV\*\*YY\*LE\*D\*\*QRHNHTPVQNKTNYK\*MAGSRKSNVCPSHQRSN\*MYIKYYRATINKRWR\*\*\*\*\*\*\*YLRRDLQTWRRGYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNDGSFVPWVPGSSRKHYGRSVIDADGTGQTIIVWYSATAEQSAESY\*GATASAATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHFCALE\*\*LE\*\*Y\*SEQYLEQYDLDAVGERN\*QLHRLNIQLT\*TIANPTGKE\*TRLIKVG\*VGKFVELV\*HIKLAVVYKNIHNDSRRFNRLKNSCCCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2007.KC312600.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAHPNSEDHQVPLPKQ\*VIHVMHSLQIAAIVALVVGAILAIVVWTIVLIEYRKILRQRKIDKLLDRIIERAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*YCRTVLGHSLLWSTCVERSNHHSILCIRC\*SSRQRST\*YLGHTCLCTHRP\*PTRVNNGKCDRRI\*YVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*\*YY\*C\*\*YC\*WC\*YHC\*YH\*\*\*\*VENGRRRNKKMLFQCHKHRR\*EEERICIFL\*S\*YSTNR\*G\*\*YKLYFNNL\*HLSHYTGLSKDIL\*TNSYTLLCPGWFCDSKV\*R\*GFQWNRKMYKCQHSTMYTWN\*TSSVNSTAVKWQSSRGKDSA\*I\*KFHKQC\*NDNSTAE\*IYSHYLCKTQQQYKKKYTSRTRTRERILCNRKNNRKYKASTL\*H\*\*SQME\*HFTKDSYEIKRTIWGKHNNKI\*SILRRGPRNCNAQF\*LWR\*IFLL\*YNKAV\*\*HLAV\*\*YYYLE\*D\*\*QRHNHTPVQNKTNYK\*MAGSRKSNVCPSHQRSN\*MYIKYYRATINKRWR\*\*\*\*\*\*\*YLRRDLQTWRRGYEGQLEK\*II\*IQSSQN\*AIRISTHQGKEKSGAERKKSNNDGSFVPWVPGSSRKHYGRSVIDADGTGQTIIVWHSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGPTAPRDLGMLWETHLHHFCALE\*\*LE\*\*YRSGQYLEQYDLDAVGERN\*QLHRLNIQLT\*TIANPTGKERTRLIKVG\*VGKFVELV\*HIKLAVVYKNIHNDSRRFNRLKNSFGCTFYSE\*S\*AGILTIVVADPPPNPEGTRQARRNRRRRWRERQRHIQAI

>B.2009.KC473824.acute\_infection

MEPVDPSLEPWKHPGSQPKTACTSCYCKACCFHCQVCFVTKGLGISYGRKKRRQRRRPPQNSQTHQVSLSKQ\*VVNVMQSLQIAAIIALVVVAIIAIVVWSIVLIEYRKILRQRRINRLLDRIRERAEDSGNESDGDQEELSAFMDRGHYAPWNINDL\*CYRTIVGHSLLWGTCVERSNHYSILCIRC\*SICSRGT\*CLGHTCLCTHRPQSTRNSIGKCDRKFQHVEK\*HGRADAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CQYY\*YQYY\*\*\*\*LGKGGNRSNKELLFQYHNKLKREGTE\*ICTFL\*T\*CSTNR\*\*YQI\*VDKL\*HLSHYTSLSKGDL\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTM\*ECQHSTMYTWN\*ASSINPTTTKW\*SSRRRGSN\*I\*KFHKQC\*NYNSTAE\*ICSN\*LYKTQQQYKKKYTSGTRESILCNRRNNRRYKKSTL\*H\*\*SKMEQHFKTGS\*KIKRTI\*E\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLE\*Y\*Y\*FK\*H\*EIK\*NYHSSMQNKTNCKNVAESRKSNVCPSHQRTN\*MLIKYYRAVINKRWW\*\*P\*\*\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKGEKSSGNRSYAPWVLRNSRKHYGRSVSGADGTGQTIIVWYSAAAEQFAESY\*GATAPVATHSLGHQAAPGKNSGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*IFGGDLE\*HDLDAVGERN\*QLHKLNIHLN\*RIAEPTRKE\*KRIIGIG\*LGKFVELV\*HNKLAMVYKNIHNNSRRFGRFKNNFYCAFYSE\*S\*AGILTVIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2010.KC473825.acute\_infection

MDPVDPRLEPWKHPGSQPQTPCTPCYCKKCCYHCQVCFVTKGLGISYGRKKRRQRRRAPPSGQDHQGPLSKQ\*VIHVMTLLQIAAIVGLVVAGILAIVVWTIVYIEYRKILKQRKIDRIIERLISRAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRELW\*CREIMGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCAYRPQPTRSKIGKCDRKI\*HVEK\*HGRTNA\*GYN\*FMGSKPETMCKINPTLCYSKLHQCQ\*YYQ\*\*C\*\*CYPEQ\*\*\*SGRNNEGRNEKLLFQHHHKYTR\*EGETICTFL\*TGYSTHR\*\*\*\*\*Y\*V\*VDKL\*YLSPYTGLSKGNL\*ANSHTLLCPCWFCDSKM\*\*\*DVQWNRTM\*KCQHSTMHTWN\*ASGINSTAVKWQSSRRRDND\*I\*KSHEQC\*NHNSTAE\*ICSN\*LYKTRQQYKKKYTYRTRESILCNRGYNRRYKKSTL\*H\*\*KTME\*HFKTGS\*KIKRTL\*\*NNNL\*SLLRRGSRNCNTQF\*LWRRVFLL\*YNKTVCLE\*CLE\*YWE\*NCR\*KYYTPMQNKTNYKHVAGSRKSNVCPSHQRSN\*LCIKYYRAVIIKRWW\*\*QRRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSRNRSSVPWVLGSSRKHYGRSVNNADGTSQTIIDWYSATAEQSAKGY\*GATAPVATHSLGH\*TAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*TFDRHLG\*HDLDGVGKRN\*\*LHRDNIQLT\*SIAEPARKKRTRIIRIG\*MGKFMELV\*HNTLAVVYKNIHNDSRRLGRIKNSLCCTFHSE\*S\*AGILTIVVPDPPPSSEGTRQARRNRRRRWRERQRHIRHI

>B.2010.KC473826.-

MEPVDPRLEPWKHPGSQPQTPCTSCYCKKCCFHCQVCFTTKALGVSYGRKKRSKRRRAHQDSETHQASLPKQ\*VVYVMQSLQIVAIVALVVAAIIAIVVWSIAFIEYRKLRRQRQIDRLIDRITERAEDSGNESDGDQEELSALVERGHLAPWPINDL\*C\*RKVGHSLLWGTCVERSKHHSILCIRC\*SI\*ERGT\*CVGYTCLRTHRPQSTRSGIKECDRRV\*HVEK\*HGRTDA\*GHNQFMGSKLKAMCKINTTLYYFKLH\*CEEYY\*YYHC\*QRG\*NEKLLFQYLHRRKR\*DEERICTFL\*P\*YSKTEW\*\*\*\*QI\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDYKM\*Q\*DIQWKRIM\*QCQHSTMHTWN\*ASSINSIAVKWQSSRRRQHSN\*V\*QFLEQC\*DHNSTANRTCKYYLYKTQQQYKKKHTYSTREGILCNRRHNRKYKTSTL\*H\*\*SRVE\*HFTKDS\*KTRRTI\*YNKFIL\*KLLRRGSRNCDAQL\*L\*RGILLL\*FNTAV\*\*\*LD\*G\*YV\*\*LD\*EG\*RYRA\*\*DCDHTPMQNKTNYKHVAGSRKSNVCPSYQRTYSMFIKYYRIVINKRWWRQQ\*QH\*NL\*TWRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEESGAKREKSIGNGSSVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSATAEQYAEGY\*GAAASAATHSLGHQAAPGKSPGCGKIPKGSAAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*IL\*NDLG\*HDLDAVGKRN\*QIHKHNIHFT\*RIAEPAGKE\*TRIIGMGQMGKSVELV\*HNKLAVVYKNIHNDSRRFDRFKNNFCYAFYSE\*S\*AGILTIIVSDPPPNAEGTRQARRNRRRRWRERQRQIRNI

>B.2010.KC473827.-

MEPVDPRLEPWQHPGSQPKTACNNCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRAPQDSQTNQAPLSKQ\*VVHVMQPLEIAAIVALVVVGIIAIIVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CCRKFVGHSLLWGTCVERGNHHSILCIRC\*RI\*YRGT\*CLGHTCLCAHRPQPTRNTIEKCDRRI\*HVEK\*HGRTNARGYN\*FMGSKLKAMCKINPTLCYSKLY\*CYY\*\*\*SCRRTNGERRDEKLLFQCHHKHRK\*DKERICTFL\*T\*YSTNK\*E\*\*CQLYYDKL\*YLSPYTGLSKGVL\*ANSHILLCPGWFCDSKVQR\*EVQWKRKMYRCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*V\*QFYRQC\*NHNSTTE\*NCRN\*LYKTR\*QYKKKHTFRTRESMVCNRRHNRRYKTSTL\*H\*\*SKMEQHFKNDSYKIKRTISK\*NNSF\*SILRRGPRNCNAQF\*LWRRIFLL\*YNSTV\*\*HLE\*E\*DLEFYWRVK\*NYHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*MFIQYYRAVINKRWG\*HKRDYL\*DF\*TRRRKYEGQLEK\*II\*I\*SSKD\*TIRNSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKLPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISPRYLGQHDLDAVGKRN\*QLHRLNIHLN\*RIAEPARKE\*TRIIVIR\*MGRFVELV\*HNTMAVVYKNIHNDSRRYDRVKNSFYYTFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRHIKTI

>B.2010.KC473828.acute\_infection

MEPVDPRLEPWKHPGSRPQTACNACYCKGCCFHCQVCFIKKGLGISYGRKKRRQRRRTPDDDSRHQVFISKQ\*VVHVMLPLTILVIVAFVVVTIIAIVVWSLVFIEYRKILRQRKIDRLLDRIIERAEDSGNDSDGDQEELSAFLEVHHAPWVVSDL\*CCKSNVGHSLLWGTCVERCNHHSILCIRC\*IIYYRGT\*CLGHTCLCSYRPQPTRSSIEKCDRRF\*HVEK\*HGGTDA\*RYNQFMGSKSKAMCKINPTLCYFKVH\*CEYH\*CQ\*R\*CH\*Q\*\*\*RGINGARRNKKLLFQCHNRPKR\*KEERICTFL\*P\*YNTLK\*\*\*K\*\*Y\*L\*VNKL\*YLSHYTGLSKNIL\*TNSHTLLCPGWFCDSKM\*\*KGIQWNWTMQKCQHSTMYTWN\*ASSLNSTAVKWQSSRRRDSN\*I\*KYHRQCKNHDSTVE\*VCSN\*LHKTQQQYKKKHTYSTRRRIFCNRRHNRRYKKSTL\*H\*QKRLE\*HFI\*GSNKIKGTV\*\*NNNL\*KLLRRGPRNCNAHFQLWRGVFLL\*YNKAV\*\*HS\*\*HLEFLE\*NWGYHTPVQNKTNYKSVAESRKSNVCPSH\*RTD\*LHIKYYRATLNKRWR\*\*RDCQ\*DLQTSRRKYEGQLEK\*II\*I\*SSTS\*ANRNSTHQGKEKSGAERKKSSDYGSFVPWVLGNSRKHYGRSVDNADGTGQTITVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPSCRKIPKRSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*HLG\*HDLDDVGKGN\*KLHRLNIQLN\*EIARPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRGLSRLKNSVYCTFHSK\*S\*AGILTFIISDPPPRPEGTRQARRNRRRRWRERQRQIQAL

>B.2010.KC473829.-

MDPVDPRLEPWKHPGSQPRTACTPCYCKKCCYHCQNCFITKGLGISYGRKKRRQRRRAAQDGQTHQDYLSKQ\*VIYVMQSLTIIAIVGLVVAAILAIVVWSIVFIEYRKIQRQKKIDRLLDRIRERAEDSGNESDGDQEELSALERGHLAPWVVNDL\*CCRRDVGHSLLWGTCVERCRYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRPEPTRSTIGKCDRKF\*HVEK\*HGRTDA\*\*YNQLMGSKPEAMCKINPTLCYFKLH\*CEDQYYQHRN\*YQDRI\*YHRGKRRNKKLLFQYHHRYKR\*GRETICNFL\*I\*CSANREK\*YRK\*\*\*\*\*QD\*L\*VDKL\*HLSHYTGLSKGNI\*ANSNTLLYPSWFCASKV\*\*\*DVQWNRTM\*QC\*YSTVYTWN\*ASGINSIAVKWQSSRKGHSN\*IPKYLRQY\*NHNSTSKGTCKYHLYKTQQ\*YKKRYTYRTRESILCNRRHNRKYKKGTL\*HY\*SKLECNLRKGS\*KIKRKV\*E\*NNKI\*ATLRRGSRNYNAYF\*L\*RRIFLL\*YDRTV\*\*FLVLE\*YE\*YFKEQ\*RKYHTSVQNKTNCKHVAGSRKSNVCPSH\*RTN\*LYIKYYRDTLNKRWRSG\*\*Y\*\*Y\*NLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGTERKKSNRGIRSVVPWVLGSSRKHYGRSVNDADGTSQAIIDWYSATAK\*FAEGY\*GATTSVATHSLGH\*TAPGKSPSCGKIPKGSTAPGDLGLLWKTHLYHCCALEC\*LE\*\*ICE\*HLG\*HDLDGVGKGN\*QLHRDNIQLT\*EVTEPARKE\*TRIIGIGQMGKFVELV\*HIKMAVVYKNIYNDSRRLNRFKNSLYCAFYSE\*S\*AGILTIVVADPPPSQEGTRQARRNRRRRWRERQRQIRNI

>B.2010.KC473830.-

MEPVDPRLEPWKHPGSQPQTPCTPCYCKKCCFHCQVCFTKKALGISYGRKKRSKRRRAHQDSEIHQAPLPKQ\*VVYVMLSLHIATIVALVVAAILAIVVWSIVFIEYRRIRRQRQIDRLLDRIIERAEDSGNESDGDQEELSALVERGHLAPWPINDL\*CYRNVGHSLLWGTCMERSKHHSILCIRC\*RI\*DRGT\*CLGYTCLCTHRPQSTRSGIKKCDRRI\*YVEK\*HGRTDA\*GHN\*LMGSKLKAMCKINTTLCHFNLH\*YN\*NEYY\*CHC\*QPE\*NEKLLFQCHHRCKR\*GEERICTFL\*P\*YSKTGW\*YQL\*VNKL\*HLSHYTGLSKNIL\*TNSHTLLCPGWFCDFKVQQ\*DIQWKRTM\*QCQHSTMHTWN\*ASSINSIAVKW\*SSRRRHSN\*V\*QFLEQC\*NHNSTAKRPCKY\*LYKTQQQYKKKHTYSTREGILCNRSHNRRYKTSTL\*H\*\*STVE\*HFTKDSYQIRRTIYSKQHIL\*KLLRRRSRNCNAQL\*LWRGILLL\*FNTTV\*\*\*LD\*E\*\*\*\*\*LD\*E\*\*\*YRV\*QYCDHTPMQNKTNYKHVAGSRKSNVCPSYQRTYSMYIKYYRIIINKRWW\*W\*\*NERHSGDL\*TWRRRYEGQLEK\*IVQI\*SSKN\*TIRSSTHQGKEESGAKREKSSGTRSSVPWVLVSSRKHYGRSIIDADGTGQTITVWYSATAEQYAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLW\*THLHH\*CTLE\*\*LE\*\*LE\*\*KSE\*YLEQHDLDAVGKRN\*QLHKHNIHFT\*RIAEPAGKE\*TRIIGIGQMGKFVELV\*HNTLAVVYKNIHNDSRRFDRFKNSFCCAFYSE\*S\*AGILTLIVSDPPPSTEGTRQARRNRRRRWRERQRQIRNI

>B.2011.KC473831.-

MEPVDPRLEPWEHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQNHQDSISKQ\*VVYVMQPLQITAIVALVVVTIIAIVVWSIVFIEYRKILKQRKIDRLLDRIRERAEDSGNESEGDEEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINTTLCYFKLH\*LEECY\*YQCHADY\*WNVGGRRSKKLLFQYHHKTKR\*GAEKICTFLYT\*CSTNKRR\*\*\*YQL\*VGKL\*HLSHYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DV\*WERTMYKCQHSTMYTWN\*ASSINSTAVKW\*SSRKRHST\*I\*KFLGQC\*NHNSTADNTCKN\*LYKTQQQYKKKYTSRTRKSNLYNRRNNRRYKTSTL\*H\*\*KRME\*HFNTDSYKIKRTL\*E\*NNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*FNTTV\*\*\*MGG\*\*YLE\*YWRVK\*HCRKHHTPMQNKANCKHVAGSRKSHICPSHQRTN\*MLNKYYRAAINKRWGKG\*EPNRDL\*TWRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNGSSVPWFLGSSRKHYGRSVNNADGTG\*TIIVWYSATAEQFAEGY\*GAATSAATHSLGHQATPGKSPGCGKIPKGSAAPGDLGLLWKTHLHHYRALEC\*LE\*\*ISR\*DLE\*HDLDGMGKRN\*\*LHRHNIQIN\*TIAKPTRKE\*TRIIRI\*\*VGKFVELVQHIKLAVVYKNIHNDSRRLNRVKNSFYCAFYSK\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIQSI

>B.2011.KC473832.-

MEPVDPRLEPWKHPGSQPKTACTPCHCKKCCYHCQVCFLTKGLGIFYGRKKRRQRRRAHQDCKTHQVDLSKQ\*VVHVMSSLSVTIALGIAIAILSIIAIVVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLALGNINDL\*YCNSIVGHSLLWGTCVERSNHHSILCIRC\*SL\*YRGT\*CLGYTCLCTYRP\*PTRSKIGKCDRKF\*HVEK\*HGRADA\*GCNQFMGSKPKTMCKVNSTLCYFKLY\*SH\*YH\*C\*YH\*\*H\*RGNEKLLFQCNLKQKR\*VAERICTSL\*N\*YSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKM\*Q\*DFQWKGTMHKCQHSTMYTWN\*ANSINSTTVKWQFSRRDSN\*I\*KFHKQC\*NHNSTVKWICSN\*LYKTWQ\*YKKKYIYRARESILCNRRYNRGYKTSTL\*P\*QNSMEYHFRAGSWEIKRTIWE\*NNNL\*TVLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLAHKWYLAGY\*RVK\*H\*RPYHTPMQNKTNYKYVAGSRKSNVCPSHKRKYYLFIKNYRAVINKRWG\*EKSEQQRDLQTCRRRYEEQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNGSFVPWVLECSRKHYGRSINNADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGRQAAPGKNPGCGKIPKGSTAPGDLGLLWKAHLHH\*CTLEY\*LE\*\*NPHRYLE\*HDLDGVGKRN\*QLHKLYIYLT\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFYCD\*YSK\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIHNI

>B.2011.KC473833.acute\_infection

MEPVDPKLEPWKHPGSQPRTACTACYCKKCCFHCQKCFLTKGLGISYGRKKRRQRRRTPQSSETHQAHLSDQ\*VI\*VMQSLQIIAIVAIVVVAIIAIIVWSIVLIEYRKILRQRRIDRLIERIRERAEDSGNESDGDHEELATLVEMGHDAPWDVDDL\*CYRQLVGHSLLWGTCVEGSKHNSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*CMEK\*HGRTDA\*GYNQSMGSKPKAMCKINPTLCYSKLH\*S\*CH\*HW\*\*HDTEGRNKKLHFQYHHK\*KR\*KDNRTCIF\*\*T\*CGTNG\*\*\*\*\*\*Y\*L\*VDKL\*HLSHYTCLPKGIL\*ANSHTLLCPSWFCDSKV\*\*\*KI\*WKRTM\*KCQHSTMYTWN\*TSSINSTVAEWQSSRRRSSN\*I\*KYL\*QCQNHNSTSEGICTNYLCKTQQQYKTRYTYGTRKDILYNRGDNRRYKASIL\*H\*\*GRMD\*HSRKDSWKIKRTI\*\*NNNL\*SFLRRGPRNCDTQF\*LWRGIFLLQYISTV\*\*YLE\*YYKYK\*K\*HNHTPMQNKTNYKSVAGSRKSNVCSSHQGKH\*LYIKYYGGAINKRWWR\*P\*RDQRHRDLQTWRRRYEGQLEK\*IV\*IQSSKN\*TIGNSTHQGKEKSGAKRKKSSGNRSIVPWVLGSSRKHYGRSVSDADGTSQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGNLGLLWKTHLYHCCALEY\*LE\*\*IL\*ANLG\*HDMDAMGKRN\*\*LYRYNILLN\*RIADPTRQK\*KRFIGIGQMGKFVDLV\*HNKLAVVYKNIHNDSRRLGRVKNSFYSTFFSE\*S\*AGILTIIVSDPPPSTEGTRQARRNRRRRWRERQRQIQRI

>B.2011.KC473834.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRGPSQNSEAHQDSLSKQ\*VVYVMQSLEIVAIAALVIAAVIAIVVWSIVLIEYRKILRQRKIDRLIERIRDRAEDSGNESEGDQEELSALVDMGHLALVDLENL\*Y\*GTVGHSLLWGTCVERSKHHSILCIRC\*SI\*DRKT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEKSHGRTDA\*GYNQFMGSKPKAMCKINPTLCYSRLH\*CE\*DL\*HHC\*YFRGERRDKKLLFQYHLNHKK\*DAERICTFL\*A\*YSTNRYR\*\*D\*YYL\*VDKL\*HLSHYTGLSKGILSANSHTLLCPSWFCDSKV\*\*\*NVQWIRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRYSN\*I\*KSHK\*C\*NHNSTSKPVYTNQLYKTQQQYKEKYKYRTGESILYNRRHNRRYKTSTL\*H\*\*TKLERHFKKGSYKIKRNIWEQQDNSF\*SLLRRGHRNCNTQF\*LWRGVFLL\*YNKTV\*W\*FD\*YLEWKLV\*Y\*WYYHTPVQNKTDCKHVAGSRKSNVCSSHQRTD\*LHIKYYRIAINKRWWHRQ\*Q\*QQGDLQTWRRRYERQLEK\*II\*I\*SSKS\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*IL\*\*HLE\*HDLDAVGKRN\*QLHKLNIHFN\*RFAKPTRKE\*TRIIGIRQMGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCNFYSE\*S\*AGIFTTIVADPQPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2011.KC473835.-

MEPVDPRLEPWKHPGSRPQTPCTNCYCKKCCFHCQVCFLKKGLGISHGRKKRRQRRRSPEGSQTHQGALSKQ\*VVHVMQSLQIIAIVAFVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESDGDQEELSALVERGHLAPWDINDL\*CRRIVGHSLLWGTCMERSKHHSILCIRC\*GI\*HRGT\*CLGHTCLCTHRPQSTRNRNKKCNRKL\*HVEK\*HGRTNA\*GYNQFMGSKSKAMCKINPIMCYFKLHQYY\*C\*QYH\*KF\*\*NEKLLFQYHHKHER\*VAKRICTFL\*A\*YSTNR\*\*E\*\*\*L\*VDKLQYLSHYTGLSKSIL\*ANSHTLLCPGWFCDSKM\*\*YKFQWNRRMYKCQHSTMYTWN\*TSSINSTTIEW\*SIRRRGNN\*I\*KYHRQYKKHNSTAESICSN\*LYKT\*\*QYKKRYTYSTRESILCNRRHNRRYKTSTLQH\*\*NRLE\*NFKVGSCQIKRKIQYNNGL\*FILRRGPRDCYA\*L\*LWRGIFLL\*YNTTI\*\*YLAWE\*E\*\*YRIK\*QYRRNHHNSMQNKTNYKHVARGGKSNVCPSH\*RTD\*MFIKHHRTAINKRWW\*\*\*QE\*DLQTGRRKYEGQLEK\*TI\*I\*SSKN\*TIRISTHQGKEKSGAERKKSSGIRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKISKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*IS\*\*DLE\*HDLEAVGKRN\*QLHRSNIQLN\*NIANPAGNQ\*KRIIGIG\*MGKFVELV\*HNKLAVVHKNIHNDSRRLGRFKNSFFCTFYSK\*S\*EGILTAIVSDPPPSTEGTRQARRNRRRRWRRKQRQIHWI

>B.2009.KC473841.acute\_infection

MDPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTNKALGISYGRKKRRQRRRKPHQNSQTHQDHLPKQ\*VIHAMQRVQILAIIALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIREEQKTLATRVMEIRKNWQHVWIGGILLLGMLMICSTAEENLWVTVYYGVPVWRDANTTLFCASDAKAYDTEVHNVWATHACVPTDPNPQELELENVTENFNMWKNNMVEQMQEDIISLWDEKLKPCVKLTPLCVTLNCININITNNANQTNKTNQTNANQTSIEQTDEVKNCSFNTTTHIRDKVKKEYALFYSSDVVPIGNNTSILISCNTSVTTHACPKVSFEPIPIHYCAPAGFAILKCKDETFNGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEKEVVIRSENFTDNAKTIIVQLKEAVQINCTRHSNNTRRSIRIGPGQAFYATGEIIGDIRKAHCNISGAQWNKTLEQIVKKLREQFNNRTIIFSQSSGGDPEIVMHSFNCGGEFFYCNTSQLFSSTWNNTVGLNTTGNDTITLHCRIRQIINLWQRVGKAMYAPPIRGQISCSSNITGLLLTRDGGNNNQSNNTEIFRPGGGDMRDNWRSELYKYKVVRIEPLGVAPTKAKRRVVQREKRAVGLGAVLFGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNASWSNKSQDQIWKNMTWMEWEREIDNYTSLIYTLLEESQYQQEKNEQELLELDKWASLWNWFDITKWLWYIKIFIMIVGGLVGLRIVFTVLSIVNRVRQGYSPLSLQTLFPAPRGPDRPEGIEEEGGERDRDRSRPL

>B.2010.KC473842.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTQKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VEVHVMTTLVICSIAALVVVAIIAIIVWTIVLIEYRKILRQRRIDRIIDRIRERAEDSGNESEGDQEELSKLVVDMGHLAPWDIDDL\*YCRELVGHSSLWGTCVERSEHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSTIGKCDRKF\*HVEE\*HGTTNA\*\*YNQFMG\*KPKAMCKIDPTLCYFKLH\*SKLH\*\*YFF\*\*YCF\*\*YFNVQ\*YYRGAGLGERGNKKLLFQCHQRNRR\*GAENICSF\*YA\*CNANRW\*\*YKLYINKL\*HLSH\*ADLSKGIL\*TNSHTLLCPGWFCDSKM\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSIAVKWQSI\*GRGNN\*I\*KSL\*QC\*HHNYTAE\*DSSN\*LYKTR\*QYKKKYITRTRESILCNRRHNRRYKTSIL\*H\*SSRLE\*NFNMDSHKIKRKI\*Q\*INNL\*AILRRGPRNCNAHV\*LWRGIFLL\*YNTTV\*\*YLE\*NCLE\*D\*QCK\*Q\*NYHTQMQNKTNYKQVAGSRKSNVCPSHQRIN\*MFIRYYRAAINKRWWEHE\*DH\*DLQTGRRRYEG\*LEK\*II\*I\*SSTN\*TNRNSTHQGKEKSGAERKKGSVRSIVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSTAPRNLGLLWKAHLHHCCAMEC\*LE\*\*NIQSDLG\*HDLDAVGERN\*QLHINNIRLD\*KIAKPTRKK\*TRLIGIG\*VGKFVELV\*DNKLAVVYKNIHNDSRRYSRFKNNFYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRQRQKQIQTL

>B.2010.KC473843.acute\_infection

MEPVDPSLEPWKHPGSQPKTACNACYCKKCSWHCQVCFLKKGLGISYGRKKRRQRRRPPQDSQTHQVSLPKQ\*VVNVMQSIQILAIVALVVVAIIAIVVWTIVFLEYRKILRQRKIDRLIKRISERAEDSGNESEGDQEELSALVERGHDAPWDVDDL\*CCTKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGYTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDARGYNQLMGPKLKAMCKINPTLCHFKLH\*CD\*EYC\*KQYY\*WRNKKLLF\*YLHRNKR\*VTERTCIFF\*T\*CSTNR\*\*W\*\*C\*QYKI\*ANTL\*HVSHYTGLSKDIL\*ANSHTLLYPGWFCASKV\*\*QEVQWNRTMYKCQHSTMYTWN\*ASSVNPTAVKWQSSRRRGSN\*ICQFHRQC\*NHNSTAEGTCKN\*LYKTQQQYKKRYTNGTREGSLCNRGHNRRYKASTL\*P\*\*NRMGESFKPDS\*KIKGTI\*KQNNKL\*FIFRRGPRNCNVHF\*LWRGIFLL\*YNETV\*\*NLE\*\*\*\*YYK\*YKFK\*LRYHTPMQNKTNYKQMAGSRESNVCPSHPRTN\*MFIKYYRDAINKRWWTWE\*N\*\*Y\*GIQTWRRRYEGQLEK\*II\*I\*SSKN\*TVRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSITDADGTGQTIIVWYSAAAKQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*\*IFK\*YLG\*YDLDGMGKRN\*QSHKLHIHLN\*KSAKPTRKE\*TRIIRIGSVGKFVELV\*YIQLAVVYKNIHNNSRRLSRLKNSYGCTFCSKQS\*AGILTIVVADPPPSTEGTRQARRNRRRRWRERQRQIRSI

>B.2003.KC473846.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNSCYCKKCCFHCQICFMKKGLGISYGRKKRRPRRGTPQDNQTHQVSLSKQ\*VVHVMISLAILAIVALIVAAILAIVVWTIVFIEYRKILKQRKIDRLIDRISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*C\*RTVVGYSLLWGTCVERSNHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSINGKCDRRV\*HMGK\*HGRTDA\*RYNQFMGSKLKAMCKANPTLCYFKLH\*C\*G\*\*Y\*CY\*YLC\*\*\*\*YLC\*\*Y\*RHEKLLFQYHHNIKR\*GAERICTFL\*T\*CSTNR\*\*\*\*\*YQL\*VNKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCASKM\*Q\*DVQWKRTMYQCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGNT\*I\*KFHR\*\*RNHNSTAERICNN\*LYKTQQQHKKRYPYRTRTSILYNRTNNRRYKTSILYH\*\*SKME\*HFKTGK\*KIRRKI\*CNNNKL\*ATLRRRPRNCNAQL\*LWRGIFLLQYNTTV\*\*YLG\*\*YLE\*Y\*K\*YGVK\*YYHNPM\*DKTNYKHVADSGKSDVCPSHRRTN\*MFIKYYRAIIRERWW\*\*\*DRPQRNLQT\*RRKYEGQLEK\*II\*I\*SSKS\*TNRNSTHQGKEKSGAERKKSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAK\*FAEGH\*GATAYVATHCLGHQAAPGKSPGCGKIPKGSTAPRDLGMLWKTHLHHCCALEY\*LE\*\*ICR\*DLGEHDLDTVGKRN\*QLHRLNILLT\*KIAEPAGKE\*TKIIGIE\*LGKSVELV\*HNKLAVVYKDIHNDNRRLSRFKNSFCCIFYSK\*S\*AGILTIIISDPLPSPEGTTRQARRNRRRRWRARQRQISAI

>B.2009.KC596066.chronic

MEPVDPRLESWKHPGSQPRTPCNNCFCKKCCYHCLVCFQKKGLGISYGRKKWRRRRRTPPDSPPDQATLSKQ\*VVHVMQPLAILAIAALVIAAILAIVVWTIVFVEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDALWDVNDL\*C\*KLVGHSLLWGTCVEGCKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRGSIGKCDRKL\*YVEK\*HGRTDAGRYNQFMG\*KLKAMCKINPTLCYFKLH\*LEV\*\*H\*YHSRFGKYEWTNKKLLFQCNHTNKKSGTKRTGTF\*\*S\*CRINR\*\*YIYVETL\*YLSHYTGLSKGIL\*TNSHTLLCPSWFCDYQV\*\*\*EIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQPSRRRYSN\*I\*KFYKQC\*NHNSTAE\*NCTN\*VCKTQQQYKKEYTFGSGESIICNRRHNRRHKTSTL\*C\*CRRME\*YFKKGSYKIKRPI\*T\*E\*DNSL\*FILRRGSRNYNAHT\*LWRGIFLL\*YIKTV\*LYLSG\*\*Y\*IREEYYWCHHTPMQNKTNYKQVARSRESNVCPSHHGKN\*LFIKYYRDTINKRWW\*NK\*VQKWVRNLQTGRRKYER\*LEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSNTRSCISRVLGSSRKHYGRSVNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IPR\*YLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNNSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHKI

>B.-.KC596067.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPQDSKSHQTSLSKQ\*VVYVMHSLQILAIVALVVATILAIVVWSIVLIEYRKILRQRKIDKIINRILERAEDSGNESEGDHEELSILVDRGHDAPWDIDDL\*CYRKIVGHSLLWGTCVERSNHHSVLCIRC\*SI\*QRGA\*CLGHTCLCTHRPQPTRNRIEKCDRKF\*RMEK\*NGRTDA\*RHN\*FMGSKPKTMCKINPTLCYFKLH\*Y\*Q\*YCKLHSGDEKLLFQCHHRHKR\*GKERKCILL\*H\*SSTNKR\*\*\*\*Y\*LYINKL\*HLSHYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*\*\*EVQWKRIMYKCQHSTMYTWN\*TSSINSTVVKWQPSRRRGSN\*I\*KYHKQC\*DHNSTVERTSKD\*LYKTRQQYKKKYIYRTRESILYNGANNRKHKRSTL\*Y\*WNRLE\*HFKTDSWKIKRTIWE\*NNCL\*\*ILRRGPRNYNAQF\*LWRGIFLL\*YNTIV\*QYLEYY\*RFK\*N\*N\*SK\*HNHTPM\*NKTNYKQMAGSGKSNVCPSHQRKH\*LFIKHHRAAINKRWWSE\*CEQHHRDLQTWRRRYEGQLEK\*II\*I\*NNKNRTIRNSTHQGKEKSGAEREKSSTRSYVPWVLRSSRKHYGRSVSDADGTGQTIIVWYSATAK\*LAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLYHYCALEH\*LEQ\*ISG\*DLEQHDMDGVGKRN\*QLHRINIHIA\*RVTKPAGKQ\*ERIIGIG\*MGKSMELV\*YNKLAVVYKNIHNDSRRLNRFKNSFYCIFYSEQS\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRTIRLL

>B.-.KC596069.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCFHCQVCFITKGLGIVYGRKKRRQRRRAPQNSQTHQIPLPKQ\*VLYVMQPLVIASIVALVVVAINSNSCVVYSIHRI\*ENIKTKKNRQVN\*\*NKRQS\*RQWQ\*E\*RGSGGVISTGIGDGA\*CSLEC\*\*FVMLQNNCGSQYIMGYLCGKKQPPLYFVHQMLKHMTQRYIMFGPHMPVYPQTPTHKKYYWKM\*QRILTCGKITW\*NRCMRI\*SAYGIKA\*SHVYN\*PHFVLL\*IARM\*KILLMSIILLVSVIVLSIIVI\*KTALSISPQA\*EIRCRKSMQHFITLI\*YK\*KMTILAIG\*\*VVTPQSLHKPVQKYPLSQFPYIIVPRLVLRF\*SVRIRITMGAGHVKILVQYNVHMELDQWYQLSCC\*MAV\*QKKR\*SLDLKTLQTMLKP\*\*YS\*MKL\*KLIAQDPTIIQEKV\*I\*DQGEHFIQQEK\*\*GI\*DKHIVTSVEQDGEKC\*NR\*L\*NYENNLIKQ\*PLINPQEGTQKLYITLLIVEGNFSTVIQHNCSMGLGMVLPGQMVLTGQIALKEIIPHSHSHAE\*NKL\*TCGRR\*EKQCMPLPSEEKLDVHQILQVCY\*QEMVVSKIAQKRPSDLEEEI\*GTIGEVNYTNIK\*\*KLNH\*E\*HPPRQREEWCKEKKEQWDSELCSLGSWEQQEALWAQRQ\*R\*RYRPDCYCLV\*CNSKTTC\*GLLRRNSICCNSQSGASSSSRQESWLWKDT\*RINSSWEFGVALENSFAPLLCLGMLVGVIIKLWTTFGIT\*PGCSGKKKLTITQA\*YTP\*LKNRRSNKKRMN\*NY\*NWIHGQVCGIGLTYQNGCGI\*KYS\*\*\*\*EA\*\*D\*E\*FLLYCL\*\*IGLGRDTHHYRFRPTSQSGGDPTGPKESKKKVERETEEDPDP\*

>B.2000.KC797171.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKWRQRRRAPRGSQDHQVSLSKQ\*VVHVMNSLQIAAIVSLVVVAIIAIVVWTIVFIEYRKIVRQKRIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*CYRTIVGHSLLWGTCVERSNNHPILCIRG\*SI\*YRGT\*CLGHTCLCTHRPRPTRIRIEKCDRKF\*RMEK\*HGRTDA\*GYNQFMGSKPTAMCKINPPLCHSKLH\*CH\*HC\*KCHHHHHSQ\*HCWKARYGNKKLLFQYHCK\*KR\*DTERICTFL\*T\*SSTNRGW\*\*\*Y\*LL\*IDKL\*HLSPYTGLSKSNL\*TNSHTLLCPGWFCNSKM\*\*\*EVQWKGTM\*KCQHSTMYTWN\*ASSVNSAAVKWQSSRRRSSN\*I\*QFHK\*C\*NHNSTAKEICND\*LYKTQQQYTKKYTHRTRESILYNRTNNRRHKTSTL\*H\*\*KGLEQHFTTGSYKIRRTI\*\*RKKNSL\*SILRRGPRNCNAYF\*LCRGIFLL\*YNTTV\*\*YLVQ\*\*WYLEFNT\*\*Y\*GVR\*RHNHTPMQNKTNYKHVAGSRKSNVCPSHQGKN\*MFIKHYRSAINKRWWQY\*\*Y\*\*YH\*NLQTWRRGYEGQLEK\*II\*I\*SSTN\*TIRSSTFQGKEKSGAERKKSSRNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*SDLEKHDLDAVGKRN\*QLHRLNIHLN\*RLAEPARR\*\*TKITRIK\*VGKFVELV\*YSKMAEVYKNIHNDSRRPDRFKNSFCCTFYSK\*S\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRGRQRQIQSL

>B.2000.KC797172.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKWRQRRRAPRGSQDHQVSLSKQ\*VVHVMNSLQIAAIVSLVVVAIIAIVVWTIVFIEYRKIVRQKRIDRLIDRIAEKAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*CYRTIVGHSLLWGTCVERSNNHPILCIRG\*SI\*YRGT\*CLGHTCLCTHRPRPTRIRIEKCDRKF\*RMEK\*HGRTDA\*GYNQFMGSKPTAMCKINPPLCHSKLH\*CH\*HC\*KCHHHHHSQ\*HCWKARYGNKKLLFQYHCK\*KR\*DTERICTFL\*T\*SSTNRGW\*\*\*Y\*LL\*IDKL\*HLSPYTGLSKSNL\*TNSHTLLCPGWFCNSKM\*\*\*EVQWKGTM\*KCQHSTMYTWN\*ASSVNSAAVKWQSSRRRSSN\*I\*QFHK\*C\*NHNSTAKEICND\*LYKTQQQYTKKYTHRTRESILYNRTNNRRHKTSTL\*H\*\*KGLEQHFTTGSYKIRRTI\*\*RKKNSL\*SILRRGPRNCNAYF\*LCRGIFLL\*YNTTV\*\*YLVQ\*\*WYLEFNT\*\*Y\*GVR\*RHNHTPMQNKTNYKHVAGSRKSNVCPSHQGKN\*MFIKHYRSAINKRWWQY\*\*Y\*\*YH\*NLQTWRRGYEGQLEK\*II\*I\*SSTN\*TIRSSTFQGKEKSGAERKKSSRNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*SDLEKHDLDAVGKRN\*QLHRLNIHLN\*RLAEPARR\*\*TKITRIK\*VGKFVELV\*YSKMAEVYRNIHNDSRRPDRFKNSFCCTFYSK\*S\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRGRQRQIQSL

>B.2000.KC797173.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKWRQRRRAPRGSQDHQVSLSKQ\*VVHVMNSLQIAAIVSLVVVAIIAIVVWTIVFIEYRKIVRQKRIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*CYRTIVGHSLLWGTCVERSNNHPILCIRG\*SI\*YRGT\*CLGHTCLCTHRPRPTRIRIEKCDRKF\*RMEK\*HGRTDA\*GYNQFMGSKPTAMCKINPPLCHSKLH\*CH\*HC\*KCHHHHHSQ\*HCWKARYGNKKLLFQYHCK\*KR\*DTERICTFL\*T\*SSTNRGW\*\*\*Y\*LL\*IDKL\*HLSPYTGLSKSNL\*TNSHTLLCPGWFCNSKM\*\*\*EVQWKGTM\*KCQHSTMYTWN\*ASSVNSAAVKWQSSRRRSSN\*I\*QFHK\*C\*NHNSTAKEICND\*LYKTQQQYTKKYTHRTRESILYNRTNNRRHKTSTL\*H\*\*KGLEQHFTTGSYKIRRTI\*\*RKKNSL\*SILRRGPRNCNAYF\*LCRGIFLL\*YNTTV\*\*YLVQ\*\*WYLEFNT\*\*Y\*GVR\*RHNHTPMQNKTNYKHVAGSRKSNVCPSHQGKN\*MFIKHYRSAINKRWWQY\*\*Y\*\*YH\*NLQTWRRGYEGQLEK\*II\*I\*SSTN\*TIRSSTFQGKEKSGAERKKSSRNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*SDLEKHDLDAVGKRN\*QLHRLNIHLN\*RLAEPARR\*\*TKITRIK\*VGKFVELV\*YSKMAEVYKNIHNDSRRPDRFKNSFCCTFYSK\*S\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRGRQRQIQSL

>B.2000.KC797174.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKWRQRRRAPRGSQDHQVSLSKQ\*VVHVMNSLQIAAIVSLVVVAIIAIVVWTIVFIEYRKIVRQKRIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*CYRTIVGHSLLWGTCVERSNNHPILCIRG\*SI\*YRGT\*CLGHTCLCTHRPRPTRIRIEKCDRKF\*RMEK\*HGRTDA\*GYNQFMGSKPTAMCKINPPLCHSKLH\*CH\*HC\*KCHHHHHSQ\*HCWKARYGNKKLLFQYHCK\*KR\*DTERICTFL\*T\*SSTNRGW\*\*\*Y\*LL\*IDKL\*HLSPYTGLSKSNL\*TNSHTLLCPGWFCNSKM\*\*\*EVQWKGTM\*KCQHSTMYTWN\*ASSVNSAAVKWQSSRRRSSN\*I\*QFHK\*C\*NHNSTAKEICND\*LYKTQQQYTKKYTHRTRESILYNRTNNRRHKTSTL\*Y\*\*KGLEQHFTTGSYKIRRTI\*\*RKKNSL\*SILRRGPRNCNAYF\*LCRGIFLL\*YNTTV\*\*YLVQ\*\*WYLEFNT\*\*Y\*GVR\*RHNHTPMQNKTNYKHVAGSRKSNVCPSHQGKN\*MFIKHYRSAINKRWWQY\*\*Y\*\*YH\*NLQTWRRGYEGQLEK\*II\*I\*SSTN\*TIRSSTFQGKEKSGAERKKSSRNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*SDLEKHDLDAVGKRN\*QLHRLNIHLN\*RLAEPARR\*\*TKITRIK\*VGKFVELV\*YSKMAEVYKNIHNDSRRPDRFKNSFCCTFYSK\*S\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRGRQRQIQSL

>B.2000.KC797175.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKWRQRRRAPRGSQDHQVSLSKQ\*VVHVMNSLQIAAIVSLVVVAIIAIVVWTIVFIEYRKIVRQKRIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*CYRTIVGHSLLWGTCVERSNNHPILCIRG\*SI\*YRGT\*CLGHTCLCTHRPRPTRIRIEKCDRKF\*RMEK\*HGRTDA\*GYNQFMGSKPTAMCKINPPLCHSKLH\*CH\*HC\*KCHHHHHSQ\*HCWKARYGNKKLLFQYHCK\*KR\*DTERICTFL\*T\*SSTNRGW\*\*\*Y\*LL\*IDKL\*HLSPYTGLSKSNL\*TNSHTLLCPGWFCNSKM\*\*\*EVQWKGTM\*KCQHSTMYTWN\*ASSVNSAAVKWQSSRRRSSN\*I\*QFHK\*C\*NHNSTAKEICND\*LYKTQQQYTKKYTHRTRESILYNRTNNRRHKTSTL\*H\*\*KGLEQHFTTGSYKIRRTI\*\*RKKNSL\*SILRRGPRNCNAYF\*LCRGIFLL\*YNTTV\*\*YLVQ\*\*WYLEFNT\*\*Y\*GVR\*RHNHTPMQNKTNYKHVAGSRKSNVCPSHQGKN\*MFIKHYRSAINKRWWQY\*\*Y\*\*YH\*NLQTWRRGYEGQLEK\*II\*I\*SSTN\*TIRSSTFQGKEKSGAERKKSSRNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*SDLEKHDLDAVGKRN\*QLHRLNIHLN\*RLAEPARR\*\*TKITRIK\*VGKFVELV\*YSKMAEVYKNIHNDSRRPDRFKNSFCCTFYSK\*S\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRGRQRQIQSL

>B.2000.KC797176.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKWRQRRRAPRGSQDHQVSLSKQ\*VVHVMNSLQIAAIVSLVVVAIIAIVVWTIVFIEYRKIVRQKRIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*CYRTIVGHSLLWGTCVERSNNHPILCIRG\*SI\*YRGT\*CLGHTCLCTHRPRPTRIRIEKCDRKF\*RMEK\*HGRTDA\*GYNQFMGSKPTAMCKINPPLCHSKLH\*CH\*HC\*KCHHHHHSQ\*HCWKARYGNKKLLFQYHCK\*KR\*DTERICTFL\*T\*SSTNRGW\*\*\*Y\*LL\*IDKL\*HLSPYTGLSKSNL\*TNSHTLLCPGWFCNSKM\*\*\*EVQWKGTM\*KCQHSTMYTWN\*ASSVNSAAVKWQSSRRRSSN\*I\*QFHK\*C\*NHNSTAKEICND\*LYKTQQQYTKKYTHRTRESILYNRTNNRRHKTSTL\*H\*\*KGLEQHFTTGSYKIRRTI\*\*RKKNSL\*SILRRGPRNCNAYF\*LCRGIFLL\*YNTTV\*\*YLVQ\*\*WYLEFNT\*\*Y\*GVR\*RHNHTPMQNKTNYKHVAGSRKSNVCPSHQGKN\*MFIKHYRSAINKRWWQY\*\*Y\*\*YH\*NLQTWRRGYEGQLEK\*II\*I\*SSTN\*TIRSSTFQGKEKSGAERKKSSRNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*SDLEKHDLDAVGKRN\*QLHRLNIHLN\*RLAEPARR\*\*TKITRIK\*VGKFVELV\*YSKMAEVYKNIHNDSRRPDRFKNSFCCTFYSK\*S\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRGRQRQIQSL

>B.2000.KC797177.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKWRQRRRAPRGSQDHQVSLSKQ\*VVHVMNSLQIAAIVSLVVVAIIAIVVWTIVFIEYRKIVRQKRIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*CYRTIVGHSLLWGTCVERSNNHPILCIRG\*SI\*YRGT\*CLGHTCLCTHRPRPTRIRIEKCDRKF\*RMEK\*HGRTDA\*GYNQFMGSKPTAMCKINPPLCHSKLH\*CH\*HC\*KCHHHHHSQ\*HCWKARYGNKKLLFQYHCK\*KR\*DTERICTFL\*T\*SSTNRGW\*\*\*Y\*LL\*IDKL\*HLSPYTGLSKSNL\*TNSHTLLCPGWFCNSKM\*\*\*EVQWKGTM\*KCQHSTMYTWN\*ASSVNSAAVKWQSSRRRSSN\*I\*QFHK\*C\*NHNSTAKEICND\*LYKTQQQYTKKYTHRTRESILYNRTNNRRHKTSTL\*H\*\*KGLEQHFTTGSYKIRRTI\*\*RKKNSL\*SILRRGPRNCNAYF\*LCRGIFLL\*YNTTV\*\*YLVQ\*\*WYLEFNT\*\*Y\*GVR\*RHNHTPMQNKTNYKHVAGSRKSNVCPSHQGKN\*MFIKHYRSAINKRWWQY\*\*Y\*\*YH\*NLQTWRRGYEGQLEK\*II\*I\*SSTN\*TIRSSTFQGKEKSGAERKKSSRNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*SDLEKHDLDAVGKRN\*QLHRLNIHLN\*RLAEPARR\*\*TKITRIK\*VGKFVELV\*YSKMAEVYKNIHNDSRRPDRFKNSFCCTFYSK\*S\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRGRQRQIQSL

>B.2000.KC797178.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKWRQRRRAPRGSQDHQVSLSKQ\*VVHVMNSLQIAAIVSLVVVAIIAIVVWTIVFIEYRKIVRQKRIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*CYRTIVGHSLLWGTCVERSNNHPNLCIRG\*SI\*YRGT\*CLGHTCLCTHRPRPTRIRIEKCDRKF\*RMEK\*HGRTDA\*GYNQFMGSKPTAMCKINPPLCHSKLH\*CH\*HC\*KCHHHHHSQ\*HCWKARYGNKKLLFQYHCK\*KR\*DTERICTFL\*T\*SSTNRGW\*\*\*Y\*LL\*IDKL\*HLSPYTGLSKSNL\*TNSHTLLCPGWFCNSKM\*\*\*EVQWKGTM\*KCQHSTMYTWN\*ASSVNSAAVKWQSSRRRSSN\*I\*QFHK\*C\*NHNSTAKEICND\*LYKTQQQYTKKYTHRTRESILYNRTNNRRHKTSTL\*H\*\*KGLEQHFTTGSYKIRRTI\*\*RKKIAFNQSSGGDPEIVMHTFNCAGEFFYCNTTQLFNSTWSNSSGTWNSTHNSTEELDNDTITLPCRIKQIINMWQEVGKAMYAPPIKGKIRCSSNITGLLLTRDGGNTNNTNNTIETFRPGGGDMRDNWRSELFKYKVVQIEPLGVAPSRAKRRAVQREKRAVGTLGAMFLGFLGAAGSTMGAVSMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLQDQQLLGIWGCSGKRICTTAVPWNASWSNKSYDQIWKNMTWMQWEKEINNYTDLIYTLIEDSQSQQDDNEQKLLELNEWASLWNWFNIAKWLRYIKIFIMIVGGLIGLRIVFAVLSIVNRVRQGYSPLSFQTHLPAPRGPDRPGGIEEEGGEGDRDRSSRL

>B.2008.KC797215.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKWRQRRRAPRGSQDHQVSLSKQ\*VVHVMNSLQIAAIVSLVVVAIIAIVVWTIVFIEYRKIVRQKRIDRLIDRIAEKAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*CYRTIVGHSLLWGTCVERSNNHPILCIRG\*SI\*YRGT\*CLGHTCLCTHRPRPTRIRIEKCDRKF\*RMEK\*HGRTDA\*GYNQFMGSKPTAMCKINPPLCHSKLH\*CH\*HC\*KCHHHHHSQ\*HCWKARYGNKKLLFQYHCK\*KR\*DTERICTFL\*T\*SSTNRGW\*\*\*Y\*LL\*IDKL\*HLSPYTGLSKSNL\*TNSHTLLCPGWFCNSKM\*\*\*EVQWKGTM\*KCQHSTMYTWN\*ASSVNSAAVKWQSSRRRSSN\*I\*QFHK\*C\*NHNSTAKEICND\*LYKTQQQYTKKYTHRTRESILYNRTNNRRHKTSTL\*H\*\*KGLEQHFTTGSYKIRRTI\*\*RKKNSL\*SILRRGPRNCNAYF\*LCRGIFLL\*YNTTV\*\*YLVQ\*\*WYLEFNT\*\*Y\*GVR\*RHNHTPMQNKTNYKHVAGSRKSNVCPSHQGKN\*MFIKHYRSAINKRWWQY\*\*Y\*\*YH\*NLQTWRRGYEGQLEK\*II\*I\*SSTN\*TIRSSTFQGKEKSGAERKKSSRNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*SDLEKHDLDAVGKRN\*QLHRLNIHLN\*RLAEPARR\*\*TKITRIK\*VGKFVELV\*YSKMAEVYRNIHNDSRRPDRFKNSFCCTFYSK\*S\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRGRQRQIQSL

>B.2008.KC797216.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKWRQRRRAPRGSQDHQVSLSKQ\*VVHVMNSLQIAAIVSLVVVAIIAIVVWTIVFIEYRKIVRQKRIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*CYRTIVGHSLLWGTCVERSNNHPILCIRG\*SI\*YRGT\*CLGHTCLCTHRPRPTRIRIEKCDRKF\*RMEK\*HGRTDA\*GYNQFMGSKPTAMCKINPPLCHSKLH\*CH\*HC\*KCHHHHHSQ\*HCWKARYGNKKLLFQYHCK\*KR\*DTERICTFL\*T\*SSTNRGW\*\*\*Y\*LL\*IDKL\*HLSPYTGLSKSNL\*TNSHTLLCPGWFCNSKM\*\*\*EVQWKGTM\*KCQHSTMYTWN\*ASSVNSAAVKWQSSRRRSSN\*I\*QFHK\*C\*NHNSTAKEICND\*LYKTQQQYTKKYTHRTRESILYNRTNNRRHKTSTL\*H\*\*KGLEQHFTTGSYKIRRTI\*\*RKKNSL\*SILRRGPRNCNAYF\*LCRGIFLL\*YNTTV\*\*YLVQ\*\*WYLEFNT\*\*Y\*GVR\*RHNHTPMQNKTNYKHVAGSRKSNVCPSHQGKN\*MFIKHYRSAINKRWWQY\*\*Y\*\*YH\*NLQTWRRGYEGQLEK\*II\*I\*SSTN\*TIRSSTFQGKEKSGAERKKSSRNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*SDLEKHDLDAVGKRN\*QLHRLNIHLN\*RLAEPARR\*\*TKITRIK\*VGKFVELV\*YSKMAEVYKNIHNDSRRPDRFKNSFCCTFYSK\*S\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRGRQRQIQSL

>B.2008.KC797217.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKWRQRRRAPRGSQDHQVSLSKQ\*VVHVMNSLQIAAIVSLVVVAIIAIVVWTIVFIEYRKIVRQKRIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*CYRTIVGHSLLWGTCVERSNNHPNLCIRG\*SI\*YRGT\*CLGHTCLCTHRPRPTRIRIEKCDRKF\*RMEK\*HGRTDA\*GYNQFMGSKPTAMCKINPPLCHSKLH\*CH\*HC\*KCHHHHHSQ\*HCWKARYGNKKLLFQYHCK\*KR\*DTERICTFL\*T\*SSTNRGW\*\*\*Y\*LL\*IDKL\*HLSPYTGLSKSNL\*TNSHTLLCPGWFCNSKM\*\*\*EVQWKGTM\*KCQHSTMYTWN\*ASSVNSAAVKWQSSRRRSSN\*I\*QFHK\*C\*NHNSTAKEICND\*LYKTQQQYTKKYTHRTRESILYNRTNNRRHKTSTL\*H\*\*KGLEQHFTTGSYKIRRTI\*\*RKKIAFNQSSGGDPEIVMHTFNCAGEFFYCNTTQLFNSTWSNSSGTWNSTHNSTEELDNDTITLPCRIKQIINMWQEVGKAMYAPPIKGKIRCSSNITGLLLTRDGGNTNNTNNTIETFRPGGGDMRDNWRSELFKYKVVQIEPLGVAPSRAKRRAVQREKRAVGTLGAMFLGFLGAAGSTMGAVSMTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLQDQQLLGIWGCSGKRICTTAVPWNASWSNKSYDQIWKNMTWMQWEKEINNYTDLIYTLIEDSQSQQDDNEQKLLELNEWASLWNWFNIAKWLRYIKIFIMIVGGLIGLRIVFAVLSIVNRVRQGYSPLSFQTHLPAPRGPDRPGGIEEEGGEGDRDRSSRL

>B.2008.KC797218.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKWRQRRRAPRGSQDHQVSLSKQ\*VVHVMNSLQIAAIVSLVVVAIIAIVVWTIVFIEYRKIVRQKRIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*CYRTIVGHSLLWGTCVERSNNHPILCIRG\*SI\*YRGT\*CLGHTCLCTHRPRPTRIRIEKCDRKF\*RMEK\*HGRTDA\*GYNQFMGSKPTAMCKINPPLCHSKLH\*CH\*HC\*KCHHHHHSQ\*HCWKARYGNKKLLFQYHCK\*KR\*DTERICTFL\*T\*SSTNRGW\*\*\*Y\*LL\*IDKL\*HLSPYTGLSKSNL\*TNSHTLLCPGWFCNSKM\*\*\*EVQWKGTM\*KCQHSTMYTWN\*ASSVNSAAVKWQSSRRRSSN\*I\*QFHK\*C\*NHNSTAKEICND\*LYKTQQQYTKKYTHRTRESILYNRTNNRRHKTSTL\*H\*\*KGLEQHFTTGSYKIRRTI\*\*RKKNSL\*SILRRGPRNCNAYF\*LCRGIFLL\*YNTTV\*\*YLVQ\*\*WYLEFNT\*\*Y\*GVR\*RHNHTPMQNKTNYKHVAGSRKSNVCPSHQGKN\*MFIKHYRSAINKRWWQY\*\*Y\*\*YH\*NLQTWRRGYEGQLEK\*II\*I\*SSTN\*TIRSSTFQGKEKSGAERKKSSRNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*SDLEKHDLDAVGKRN\*QLHRLNIHLN\*RLAEPARR\*\*TKITRIK\*VGKFVELV\*YSKMAEVYKNIHNDSRRPDRFKNSFCCTFYSK\*S\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRGRQRQIQSL

>B.2008.KC797219.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKWRQRRRAPRGSQDHQVSLSKQ\*VVHVMNSLQIAAIVSLVVVAIIAIVVWTIVFIEYRKIVRQKRIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*CYRTIVGHSLLWGTCVERSNNHPILCIRG\*SI\*YRGT\*CLGHTCLCTHRPRPTRIRIEKCDRKF\*RMEK\*HGRTDA\*GYNQFMGSKPTAMCKINPPLCHSKLH\*CH\*HC\*KCHHHHHSQ\*HCWKARYGNKKLLFQYHCK\*KR\*DTERICTFL\*T\*SSTNRGW\*\*\*Y\*LL\*IDKL\*HLSPYTGLSKSNL\*TNSHTLLCPGWFCNSKM\*\*\*EVQWKGTM\*KCQHSTMYTWN\*ASSVNSAAVKWQSSRRRSSN\*I\*QFHK\*C\*NHNSTAKEICND\*LYKTQQQYTKKYTHRTRESILYNRTNNRRHKTSTL\*H\*\*KGLEQHFTTGSYKIRRTI\*\*RKKNSL\*SILRRGPRNCNAYF\*LCRGIFLL\*YNTTV\*\*YLVQ\*\*WYLEFNT\*\*Y\*GVR\*RHNHTPMQNKTNYKHVAGSRKSNVCPSHQGKN\*MFIKHYRSAINKRWWQY\*\*Y\*\*YH\*NLQTWRRGYEGQLEK\*II\*I\*SSTN\*TIRSSTFQGKEKSGAERKKSSRNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*SDLEKHDLDAVGKRN\*QLHRLNIHLN\*RLAEPARR\*\*TKITRIK\*VGKFVELV\*YSKMAEVYKNIHNDSRRPDRFKNSFCCTFYSK\*S\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRGRQRQIQSL

>B.2008.KC797220.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKWRQRRRAPRGSQDHQVSLSKQ\*VVHVMNSLQIAAIVSLVVVAIIAIVVWTIVFIEYRKIVRQKRIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*CYRTIVGHSLLWGTCVERSNNHPILCIRG\*SI\*YRGT\*CLGHTCLCTHRPRPTRIRIEKCDRKF\*RMEK\*HGRTDA\*GYNQFMGSKPTAMCKINPPLCHSKLH\*CH\*HC\*KCHHHHHSQ\*HCWKARYGNKKLLFQYHCK\*KR\*DTERICTFL\*T\*SSTNRGW\*\*\*Y\*LL\*IDKL\*HLSPYTGLSKSNL\*TNSHTLLCPGWFCNSKM\*\*\*EVQWKGTM\*KCQHSTMYTWN\*ASSVNSAAVKWQSSRRRSSN\*I\*QFHK\*C\*NHNSTAKEICND\*LYKTQQQYTKKYTHRTRESILYNRTNNRRHKTSTL\*H\*\*KGLEQHFTTGSYKIRRTI\*\*RKKNSL\*SILRRGPRNCNAYF\*LCRGIFLL\*YNTTV\*\*YLVQ\*\*WYLEFNT\*\*Y\*GVR\*RHNHTPMQNKTNYKHVAGSRKSNVCPSHQGKN\*MFIKHYRSAINKRWWQY\*\*Y\*\*YH\*NLQTWRRGYEGQLEK\*II\*I\*SSTN\*TIRSSTFQGKEKSGAERKKSSRNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*SDLEKHDLDAVGKRN\*QLHRLNIHLN\*RLAEPARR\*\*TKITRIK\*VGKFVELV\*YSKMAEVYKNIHNDSRRPDRFKNSFCCTFYSK\*S\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRGRQRQIQSL

>B.2008.KC797221.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKWRQRRRAPRGSQDHQVSLSKQ\*VVHVMNSLQIAAIVSLVVVAIIAIVVWTIVFIEYRKIVRQKRIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*CYRTIVGHSLLWGTCVERSNNHPILCIRG\*SI\*YRGT\*CLGHTCLCTHRPRPTRIRIEKCDRKF\*RMEK\*HGRTDA\*GYNQFMGSKPTAMCKINPPLCHSKLH\*CH\*HC\*KCHHHHHSQ\*HCWKARYGNKKLLFQYHCK\*KR\*DTERICTFL\*T\*SSTNRGW\*\*\*Y\*LL\*IDKL\*HLSPYTGLSKSNL\*TNSHTLLCPGWFCNSKM\*\*\*EVQWKGTM\*KCQHSTMYTWN\*ASSVNSAAVKWQSSRRRSSN\*I\*QFHK\*C\*NHNSTAKEICND\*LYKTQQQYTKKYTHRTRESILYNRTNNRRHKTSTL\*Y\*\*KGLEQHFTTGSYKIRRTI\*\*RKKNSL\*SILRRGPRNCNAYF\*LCRGIFLL\*YNTTV\*\*YLVQ\*\*WYLEFNT\*\*Y\*GVR\*RHNHTPMQNKTNYKHVAGSRKSNVCPSHQGKN\*MFIKHYRSAINKRWWQY\*\*Y\*\*YH\*NLQTWRRGYEGQLEK\*II\*I\*SSTN\*TIRSSTFQGKEKSGAERKKSSRNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*SDLEKHDLDAVGKRN\*QLHRLNIHLN\*RLAEPARR\*\*TKITRIK\*VGKFVELV\*YSKMAEVYKNIHNDSRRPDRFKNSFCCTFYSK\*S\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRGRQRQIQSL

>B.2008.KC797222.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKWRQRRRAPRGSQDHQVSLSKQ\*VVHVMNSLQIAAIVSLVVVAIIAIVVWTIVFIEYRKIVRQKRIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*CYRTIVGHSLLWGTCVERSNNHPILCIRG\*SI\*YRGT\*CLGHTCLCTHRPRPTRIRIEKCDRKF\*RMEK\*HGRTDA\*GYNQFMGSKPTAMCKINPPLCHSKLH\*CH\*HC\*KCHHHHHSQ\*HCWKARYGNKKLLFQYHCK\*KR\*DTERICTFL\*T\*SSTNRGW\*\*\*Y\*LL\*IDKL\*HLSPYTGLSKSNL\*TNSHTLLCPGWFCNSKM\*\*\*EVQWKGTM\*KCQHSTMYTWN\*ASSVNSAAVKWQSSRRRSSN\*I\*QFHK\*C\*NHNSTAKEICND\*LYKTQQQYTKKYTHRTRESILYNRTNNRRHKTSTL\*H\*\*KGLEQHFTTGSYKIRRTI\*\*RKKNSL\*SILRRGPRNCNAYF\*LCRGIFLL\*YNTTV\*\*YLVQ\*\*WYLEFNT\*\*Y\*GVR\*RHNHTPMQNKTNYKHVAGSRKSNVCPSHQGKN\*MFIKHYRSAINKRWWQY\*\*Y\*\*YH\*NLQTWRRGYEGQLEK\*II\*I\*SSTN\*TIRSSTFQGKEKSGAERKKSSRNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*SDLEKHDLDAVGKRN\*QLHRLNIHLN\*RLAEPARR\*\*TKITRIK\*VGKFVELV\*YSKMAEVYKNIHNDSRRPDRFKNSFCCTFYSK\*S\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRGRQRQIQSL

>B.2008.KC797223.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKGCCFHCQVCFTKKGLGISYGRKKRRQRRRSHPDSQTHQVSLSKQ\*VVHVMTPLYIASIVALVVAAIIAIIVWTIVLIEYRKILRQRKIDRILDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVDDL\*\*CCRSIVGHSILWGTCVERSYYHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGGTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLH\*\*VEK\*\*\*Y\*E\*\*\*\*\*YQ\*Y\*\*CH\*Y\*\*GTNGERRNKKLLF\*CRHRHKQEDTERICTFL\*T\*CSTNRR\*\*QDN\*W\*L\*\*YKV\*\*L\*INKL\*HLNHYTGLSKGNLRANSHTLLCPGWFCNSQVQ\*\*EVQWNRTMYKCQYSTMYTWN\*ASSINSIVVKWQSIRRGGSN\*I\*KFYK\*C\*NYNSTAE\*NHTN\*LHKTQQ\*YKKGYTYRSRKNIFCNWRYNRGYKTSTLYH\*WSTMEYHFTTDSCKIKRTI\*GK\*NNKI\*ATIPRRGSRNYDAQF\*LWRGIFLL\*YITIV\*\*YLEC\*WYFEWDCKSQYHTPM\*NKTNYKQVARSRKGNVCPSHQRTN\*LCIKYYRNTINKRWWSI\*\*\*Q\*YR\*\*YRGLQTCRRRHEGQLEK\*II\*I\*SGKN\*AIRSSTHQGKEKSGAERKKSSDIRSHVPWVLGSSRKHYGRSVADADGTGQTIIVWYSATAEQPAEGY\*GATSYVATHSLGH\*AAPGKSPCCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISGPDLGEHDLDAVGKRN\*QLHKRDIHLN\*ECAKPAGKE\*TRIIGIG\*VGKFVELVRHIKLAVVYKNIHNDNRRLNSFKNSFCCIFYSEKS\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRERQRYIHQI

>B.2008.KC797224.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKGCCFHCQVCFTKKGLGISYGRKKRRQRRRSPPDSQTHQVSLSKQ\*VVHVMTPLYIASIVALVVAAIIAIIVWTIVLIEYRKILRQRKIDRILDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVDDL\*\*CCRSIVGHSILWGTCVERSYYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGGTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLH\*\*FEK\*\*\*\*\*\*DQ\*\*\*\*CQ\*Y\*\*GTNRERRNKKLLF\*CRHRHKQEGTERICTFL\*T\*CSTNRR\*\*QDN\*W\*L\*\*YKV\*\*L\*INKL\*HLNHYTGLSKGNLRANSHTLLCPGWFCNSQV\*\*\*EVQWNRTMYKCQYSTMYTWN\*ASSINSIVVKWQSIRRGGSN\*I\*KFYK\*C\*NYNSTAE\*NHTN\*LYKTQQQYKKGYTYRSRKNIFCNWRYNRGYKTSTLYH\*WSTMECHFTTDSCKIKRTI\*GK\*NNKI\*ATIPRRGPRNYDAQF\*LWRGIFLL\*YITIV\*\*YLECYWYSEYY\*YSE\*D\*NRQYHTPM\*NKTNYK\*VARSRKGNVCPSH\*RTN\*LCIKYYRNTINKRWWSI\*\*\*Q\*YR\*\*YRGLQTWRRRYEGQLEK\*II\*I\*SGKN\*TIRSSTHQGKEKSGAERKKSSDIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQPAEGY\*GATAYVATHSLGH\*AAPGKSPCCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*NSGTNLG\*HDLDAVGKRN\*QLH\*RNIHLN\*GCAKPAGKE\*TRIIGIG\*VGKFVELVRHIKLAVVYKNIHNDNRRLDSFKNSFCCTFYSEKS\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRERQRYIHQI

>B.2008.KC797225.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKGCCFHCQVCFTKKGLGISYGRKKRRQRRRSHPDSQTHQASLSKQ\*VVHVMTPLYIWSIVALVVAAIIAIVVWTIALIEYRKILRQRKIDRILDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVDDL\*\*CCRSIVGHSILWGTCVERSNYHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGGTDA\*GYN\*FMGSKSKAMCKINPTLCYSKLH\*\*LEK\*\*\*\*\*\*\*YQ\*Y\*\*CQ\*Y\*\*GTNGKRRNKKLLF\*CRHRHKQEDTERICTFL\*T\*CSTNRR\*\*QDN\*W\*L\*\*YKV\*\*L\*INKL\*HLNHYTGLSKGNLRANSHTLLCPGWFCNSQV\*\*\*EVQWNRTMYKCQYSTMYTWN\*ASSINSIVVKWQSIRRGGSN\*I\*KFYK\*C\*NYNSTAE\*NHTN\*LYKTQQQYKKGYTYRSRKNIFCNWRYNRGYKTSTLYH\*WSTMECHFTTDSCKIKRTI\*GK\*NNKI\*ATIPRRGSRNYDAQF\*LWRGIFLL\*YITIV\*\*YLECYWYSEYYWYSE\*D\*NRQYHTPM\*NKTNYKQVARSRKSNVCPSHQRTN\*LCIKYYRDTINKRWWSF\*EYK\*YR\*\*YRGLQTWRRRYEGQLEK\*II\*I\*SGKN\*AIRSSTHQGKEKSGAERKKSSDARSHVPWVLGSSRKHYGRSVADADGTGQTIIVWYSATAEQPAEGY\*GATAYVATHSLGHQAAPGKSPCCGKIPKGSTAPRDLGLLWKTHLHHCCALEYYLE\*\*NSGTNLG\*HDLDAVGKRN\*QLH\*RNIHLN\*GCAKPAGKE\*TRIIGIG\*VGKFVELVRHIKLAVVYKNIHNDSRRLNSFKNNFCCTFYSEKS\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRERQRYIHQI

>B.2008.KC797227.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKGCCFHCQVCFTKKGLGISYGRKKRRQRRRSHPDSQTHQASLSKQ\*VVHVMTPLYIWSIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRILDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVDDL\*\*CCRSIVGHSILWGTCVERSYYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGGTDA\*GYN\*FMGSKSKAMCKINPTLCYSKLH\*\*LEK\*\*\*\*\*\*DQ\*\*Y\*\*CQ\*Y\*\*GTNGKRRNKKLLF\*CRHRHKQEGTERICTFL\*T\*CSTNRR\*\*QDN\*W\*L\*\*YKV\*\*L\*INKL\*HLNHYTGLSKGNLRANSHTLLCPCWFCNSEV\*\*\*EVQWNRTMYKCQYSTMYTWN\*ASSINSIVVKWQSIRRGGSN\*I\*KFYK\*C\*NYNSTAE\*NHKN\*LYKTQQQYKKGYTYRSRKNIFCNWRYNRGYKTSTLYH\*WSTMECHFTTDSCKIKRTI\*GK\*NNKI\*ATIPRRGPRNYDAQF\*LWRGIFLL\*YITIV\*\*YLEC\*WYFEWD\*K\*QYHTPM\*NKTNYKQVARSRKSNVCPSHQRTN\*LCIKYYRNTINKRWWSI\*\*\*Q\*YR\*\*YRGLQTWRRRYEGQLEK\*II\*I\*SGKN\*AIRSSTHQGKEKSGAERKKSSDARSHVPWVLGSSRKHYGRSVADADGTGQTIIVWYSATAEQPAEGY\*GATAYVATHSLGH\*AAPGKSPCCGKIPKGSTAPRDLGLLWKTHLHHCCALEYYLE\*\*ISGTNLG\*HDLDAVGKGN\*QLHKCDIHLN\*GCAKPAGKE\*TRIIGIG\*VGKFMELVRHIKLAVVYKNIHNDNRRLNSFKNSFCCTFYSEKS\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRYIHQI

>B.2008.KC797228.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKGCCFHCQVCFTKKGLGISYGRKKRRQRRRSPPDSQTHQVSLSKQ\*VVHVMTPLYIASIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRILDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVDDL\*\*CCRSIVGHSILWGTCVERSYYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLH\*CLEK\*YQEQ\*\*\*YQ\*\*\*YH\*Y\*\*GTNGKRRNKKLLF\*CRHRHKQEDTERICTFL\*T\*CSTNRR\*\*QDN\*W\*L\*\*YKV\*\*L\*INKL\*HLNHYTGLSKGNL\*ANSHTLLCPGWFCNSEV\*R\*EVQWNRTMYKCQYSTMYTWN\*ASSINSIAVKWQSIRRRDSN\*I\*KFHK\*C\*NYNSTAE\*NHKN\*LYKTQQQYKKGYTYRSRKNIFCNWRYNRGYKTSTLYH\*WSTMECHFTTDSCKIKRTI\*GK\*NNKI\*ATIPRRGPRNYDAQF\*LWRGIFLL\*YITIV\*\*YLECYWYSEYYWYSE\*D\*NRQYHTPM\*NKTNYKQVARSRKSNVCPSH\*RTN\*LCIKYYRDTINKRWWSFS\*\*K\*YK\*\*YRGLQTWRRRYEGQLEK\*II\*I\*SGKN\*TIRSSTHQGKEKSGAERKKSSDARSHVPWVLGSSRKHYGRSVADADGTGQTIIVWYSATAEQPAEGY\*GATAYVATHSLGH\*AAPGKSPCCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*NSGTNLG\*HDLDAVGKRN\*QLH\*RNIHLN\*GCAKPAGKE\*TRIIGIG\*VGKFVELVRHIKLAVVYKNIHNDNRRLDSFKNSFCCTFYSEKS\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRERQRYIHQI

>B.2008.KC797229.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKGCCFHCQVCFTKKGLGISYGRKKRRQRRRSHPDSQTHQASLSKQ\*VVHVMTPLYIWSIVALVIAAIIAIVVWTIVLIEYRKILRQRKIDRILDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVDDL\*\*CCRSIVGHSILWGTCVERSYYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGGTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLH\*\*FEK\*\*\*\*\*\*DQ\*\*\*\*CQ\*Y\*\*GTNRERRNKKLLF\*CRHRHKQEGTERICTFL\*T\*CSTNRR\*\*QDK\*W\*L\*\*YKV\*\*L\*INKL\*HLNHYTGLSKGNLRANSHTLLCPGWFCNSQV\*\*\*EVQWNRTMYKCQYSTMYTWN\*ASSINSIVVKWQSIRRGGSN\*I\*KFYK\*C\*NYNSTAE\*NHTN\*LHKTQQ\*YKKGYTYRSRKNIFCNWRYNRGYKTSTLYH\*WSTMEYHFTTDSCKIKRTI\*GK\*NNKI\*ATIPRRGPRNYDAQF\*LWRGIFLL\*YITIV\*\*YLD\*WYFEWDCKSQYHTPM\*NKTNYKQVARSRKSNVCPSHQRTN\*LCIKYYRNTINKRWWSI\*\*\*Q\*YR\*\*YRGLQTWRRRYEGQLEK\*TI\*I\*GGKN\*TIRSSTHQGKEKSGAERKKSSDIRSHVPWVLGSSRKHYGRSVADADGTGQTIIVWYSATAEQPAEGY\*GATAYVATHSLGH\*AAPGKSPCCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISGTNLGEHDLDAVGKRN\*QLH\*RNIHLN\*GCAKPAGKE\*TRIIGIG\*VGKFVELVRHIKLAVVYKNIHNDNRRLNSFKNSFCCTFYSKKS\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRERQRYIHQI

>B.2009.KC899011.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCYHCQVCFMKKGLGIFYGRKKRRQQRRAPQDSQTHQVSLSKQ\*VVNVMQALIISAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGHLAPWDVDDL\*CCRKLVGHSLLWGTCMERSNHHSILCIRC\*SI\*\*RGT\*CLGHTCLCTHRPQPTRNILGKCDRKL\*HVGK\*HGRTDA\*RYNQFMGSKLKAMCKINPTLCYVKLHQCHYYQ\*C\*YHWCQ\*S\*S\*S\*Y\*\*GDEKLLFQYHHKHKN\*GERLCTFL\*L\*YRTNERWY\*QL\*VDKL\*HLSHYTSLPKGIL\*ANSHTLLCSGWFCNSKV\*R\*SIQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQSHE\*C\*SHNSTAEGICRN\*LYKAQQQYKKKYTSRTRESMVYNRTNNRRYKKSTL\*P\*\*HKMEYHFRTDS\*KIRRTI\*KQNNSLYSILRRGPRGCNAQF\*LWGGIFLL\*YIKTV\*\*YLE\*Y\*RKWHYHARLQNKTNCKYVAGSRKSNICPSH\*RTN\*MFIKDYRVTINKRWWQ\*WEQRDHRDLQTWRRKYERQLEK\*II\*I\*SSKT\*TIRSGTHQGKEKGGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFADGN\*GATASVATHRLGHQAAPGKSLGCGKIPKGPTAPRALGLLWETHLHHCCALECQLEQ\*ISRGDLE\*HDLDGVGKGN\*QLHKRNIHLN\*KFAEPARKE\*TRIIGIG\*VGKFVELV\*YNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSK\*S\*AGILTIVITDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.2004.KC935957.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCLHCQVCFITKGLGIYYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMKSLQILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRIIDRIRERAEDSGNESDGDQEELSALVEMGHHAPGAINDL\*CCRQIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*YVGK\*HGRTDA\*GCS\*FMGSKPKAMCKINPTLCYFKLH\*SEECY\*YHE\*\*RENDGGGRNKKLLFQYHHKHKR\*GAERICTFL\*T\*CHTNRQR\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSQV\*R\*EVQWNRIMYKCQHSTMYTWN\*ASSIDSTAVKWQSSRRRGSN\*IRQSHGQC\*NHNSAAE\*ICRNELYKTQQQYKKKYIYRTRQSILYNRRNNRRYKTSTL\*P\*WSTME\*RIKKDSYKIKRTIYECHNSL\*SILRRGPRNCNDQF\*LWGGIFLL\*FNTTI\*\*YLEWN\*VK\*H\*RK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*KQEQDRGLQTWRGRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGEEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVTSADGTGQTIIVWCSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISGSDLAEHDLDAVGKRN\*\*LHKLNIHLN\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDNRRLGRFKNSFYYTFYSE\*S\*AGILTIIVPDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.KC935958.-

MEPVDPSLEPWKHPGSQPRTACTPCFCKKCCYHCQVCFITKGLGISYGRKKRRQRRRTPQDSQTHQISLSKQ\*VVHVMYYIVTIVAFVIAAILAIVVWSIVLIEYRKILRQQKIDRLLERIRDRAEDSGNESDGDQEELSAMVERGHLAPWDVNDL\*CCR\*IVGHSLLWGTCVERSNHHSILCIRC\*II\*YRGT\*CLGHTCLCTHRPQPTRIKIGKCDRKF\*HVEK\*HGRTDA\*GCN\*FMGSKSKAMCKINPSLCYFKLH\*CY\*YH\*WY\*FQ\*HIGRHEKLHFQCHHKHEQ\*GAARTCTFLYT\*YNTNRRGW\*\*Y\*L\*VDKL\*HLSRHTSLSKGNL\*TNSHTLLCPGWFCNSKV\*\*\*DIQWNRTMYKC\*HSTMYTWN\*TSGINSAAVKWQSIGRRDNN\*IRQSLRQC\*NHNSTAESICTNDLYKTQQQYKKKYTSRTRQSVLCNRRNNRKYKTSTL\*H\*\*K\*LD\*NFTKIRCKIERTL\*\*NNKFYSILRRGPRNCNA\*F\*LWRGILLL\*YNKTV\*\*YLEWY\*VS\*QYRKWDNHTPMQNKTNHKYVADSRKSNVCPSH\*GTNYMYIKYYRAAINKRWW\*GK\*YNQCNHRDL\*TGRRRYEGQLEK\*II\*I\*SSRN\*TIRNSTHQGKEKSGAERKKSSDTRSSVPWVLGSSRKHYGRSINDADGTSQTIIVWYSATAE\*SAEGY\*GATAPVAAHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHYCALEH\*LE\*QKSESDLGPHDLEAVGKRD\*KLYRHNIHFNYRIAKPTRKE\*KRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRPNRFKNSFYRTFYSE\*S\*AGILTIIVPDPLPSPEGTRQARRNRRRRWRERQRQIRAI

>B.2009.KC935959.-

MEPVDPRLEPWKHPGSQPRTPCTPCFCKVCCYHCQVCFITKGLGISYGRKKRRQRRRTPQDNQTHQVSLSKQ\*VVHVMNYIITIVAFVIVAIIAIVVWSIVLIEYRKILRQQKIDRLLERILDRAEDSGNESDGDQEELAAMVERGHLAPWNVNDL\*YCRGIVGHSLLWGTCVERSKHHSILCIRC\*II\*YRGT\*CLGHTCLCTHRPQPTRITIGKCDRKF\*HVEK\*HGRTDA\*GCN\*FMGSKSKAMCKINPSLCYFKLHRCY\*YHWQCYS\*SE\*GNETKGEMKMKQWEK\*KTALSISPQV\*AIR\*SENMHFFIHLI\*YQQKKVGILVIG\*\*VATPQSLHRPVQR\*PLNQFPYIIVPRLVLQF\*SVIIRHSMEQDHVQMLAQYNVHMELDQ\*YQLSCC\*MAVYQKKR\*\*LDPPISQTILKP\*\*YS\*INLYK\*LV\*DPTTIQEKAYI\*DQAEHLMQ\*EE\*\*EI\*DKHIVTLVKASGILLYKI\*LQN\*ENNLIKQ\*FLINPQEGTQKLQCSILIVEGNSSTVIQQNCLVVLGSGIMVLGILVG\*ITVQNKISHSHAE\*NKS\*ICGRQ\*EKQCMPLPLRDKFNVYQILQGCY\*QEMVVMKVIQPGTTRPSDREEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*H\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CNSRIIC\*GLLRRNSICCSSQSGASSSSRQESWL\*KDT\*RINSS\*GFGVALENSFAPLLCLGTIVGVETKV\*VIFGTT\*PGCSGKKRLRITQTQYTR\*LQNRKANKKRMKKNYWNGINGQVCGIGLT\*QTGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYRSRPTSQPRGDPTGPKESKKKVERETETDSDNQ

>B.2011.KF384798.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKKCCYHCQVCFTTKGLGISYGRKKRRQRRRAHQDRQIHQVSLSKQ\*VVHVMNSLQVAAIVALVVVAILAIVVWSIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKLVGHSLLWSTCVEGSNYHSILCFRC\*STSYRGT\*CLGHTCLCTHKPQPTRNKLEKCDRKF\*HVEK\*HGRTDAGGYNQFMG\*QPKAMCKINPTLCYFKVH\*CYYQ\*YCHYCH\*C\*\*RRKDRRNKKLLFQYHHRPKR\*GAERICIVL\*V\*YSTNK\*\*\*K\*EYQYYQL\*VNKL\*HLSHYTGLPKSNL\*ANSYTLLCPGWFCDSKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRGRGSN\*I\*KFHKQCQNHNSTAERICSN\*LYKTQHQ\*KKKSNYRTRESILFNKRNNRRYKKSTL\*H\*\*SKME\*HSKTGSRKIRRTI\*E\*NNSL\*PILRRGPRTCNAQF\*LWRGIFLL\*YNKTV\*\*YLV\*\*KWY\*RVKKP\*QKYHTPM\*NKTTYKYVAGSRKSNVCPSHRRTN\*MFIKYYRAAVNKRWGYQHN\*WDRDLQTYRRRYEGQLEE\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSSWNAGSYVPWVLGSSRKHYGRSVSDADGTG\*TVIVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHH\*CALE\*\*LE\*\*ISG\*DLE\*HDLDAVGKRN\*\*LHRFNIQLT\*TIAKPARKE\*TRIIGTRQMGKFVELV\*HNKLAVVYKNIHNDNRRLSRFKNSFYYTLCSK\*S\*AGILTNIVSDPPPSLEGTRQARRNRRRRWRARQRQIRSI

>B.2011.KF384799.-

MEPVDPSLEPWKHPGSQPKTACTACYCKQCCYHCQVCFITKGLGISYGRKKRRQRRRTPQGSQTHQVSLSKQ\*VVYVMQSLYILAIVALVVAIILAIIVWSIVFIEYRKIRKQKKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHLAMGHDAPWDVNDL\*CCRQIVGHSLLWGTCMERSNHHSILCIKC\*II\*YREA\*CLGHTCLCTHRPQPTRNSNGKCDRKF\*HVEK\*HGRTDA\*GYNQSMGSKPKAMCKINPTLCYFKLY\*LEEFH\*FEECY\*YH\*\*\*RGNAGGRRSKKLLFQNHHRHKR\*DTERICTFL\*T\*CNTNR\*\*\*Y\*L\*DKKL\*HLSHYTSLSKGIL\*ANSHTLLCPSWFCDAKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ILQFHEQC\*NHNSTAE\*VCTN\*LYKTQQQ\*KNTKDTYRTRQGICCNKRNNRRYKTSTL\*SE\*NSME\*HFKKDSCKIKRTIWE\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YSTTV\*\*YLEWY\*A\*C\*MGN\*Q\*SKYHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MYIKYYRTITNKRWW\*\*REK\*\*\*\*\*H\*DLQTWRGRYERQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAERKKSNRPRSCVHWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAE\*SAEGY\*GAAAPVTTHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCSALEH\*LE\*\*ISGSDLG\*HDLDGVGKRN\*\*LHKLHIHLT\*SIAKPTRKE\*TGLI\*IR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFFCTFYSE\*S\*AGILTIIVSDPLPSLEGTRQARRNRRRRWRERQRQIRAI

>B.2011.KF384800.-

MEPVDPRLEPWKHPGSQPKTACTSCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRADQDSQNHQVSLSKQ\*VVYVMLSEQILQILAIVALVVAGIIAIVVWSIVFIEYRKILRQRKIDRLIERISERAEDSGNESDGDQEELSALVEMGHRAPWDIDDL\*WYRKIVGHGLLWGTSVEGSNHHSILCIRC\*SI\*ERGT\*CLGHTCLCTHRPQPTRNRIEKCDRKF\*HVEK\*HGRTDARGYNQFMG\*KPKAMCKINPTLCYFKLH\*\*YYCY\*YH\*WYYYYCQQW\*WYSGGKGGNEKLLFQYHHSHKK\*DTERICTFL\*T\*FNTNR\*C\*QY\*L\*VDKL\*HLSPYTGLSKGVL\*ANSHTLLCPGWFCDAKV\*R\*KF\*WNRTVYKC\*HSTMYTWN\*ASGINSTTVKWQSSRRRGSN\*I\*KFHKQC\*NNNSTAEQFCKN\*LYKTLPSYNEKNNAYRTRENIPYNRNNREYKTRVL\*H\*\*KRLE\*HFSTDS\*KIKRTIWEK\*NNNL\*AILRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLE\*Y\*Y\*AK\*HYRKYQTPMQNKTNYKHVAESRKSNVCPSHRRSNSMFIKYYRANINKRWWWW\*RYDGERDLQTGRGRYEGQLEE\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSDRSDVPWVLGSSRKHYGRSGSDADGTGQTIIVWYSATAKQLAESY\*GATAYVATHSLGH\*AAPGKSPGSGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*ISR\*DLG\*HDLDEMGKRN\*QLHRLNIQLT\*TIAEPARKE\*TRIVGIGSMGKFVELVPHNKLAVVYKNIHNDSRRLGRLKNSFCYTFCSE\*S\*AGILTFIVSDPLPSPAGTRQARRNRRRRWRGRQRQIQAI

>B.2011.KF384801.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPRDSQGHQVPLPKQ\*VVNVMNPLTIVAIVALIVAAILAIVVWTIVGIEYRKILRQRKIDRLIDRIAERAEDSGNESDGDQEELSGLMEMGYHAPWDVNDL\*CCKTIVGHSLLWGTRVERGPPHSILCIRC\*RI\*YRGT\*CLGHTCLCTHRPQPTRTSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKTMCEINPTLCYFKLH\*C\*\*NLR\*CH\*Y\*\*YYY\*L\*GHAKRNKKLLFQYHLRHKR\*DEKGICTFLCT\*CNTNR\*\*\*YQL\*VVKM\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWNRAMYKCQYSTMYTWN\*TSSVNSTAVKWQPSRRRGSH\*V\*EFHRQC\*NYNSTAE\*ICTN\*LYKTQQQYKKKNNTYRTRETILCNRRHRKYKTSTVYPQWNSLE\*HFRKDSWKIKRTIWE\*DNSL\*FILRRGPRNCNAHF\*LWRRIFLL\*YITTV\*EYLVDK\*YSEYTTTRKCHTPMQNKANYKHVARSRKSNVCPSHRRTN\*LYIKYYRAAINKRWWYNEWD\*DLQTWRGRYEGQLEK\*II\*I\*SNKNSTIRDSTHQGKEKSGAERKKSSGSGSFVPWVLGSSRKHYGRSVRNADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGH\*AAPGKSPGSGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*QIPKLYMGQHDMDGVGKRN\*QLYRLNI\*LN\*RIAKPTRKE\*TRIIKIRFMGKSVELV\*HIQMAVVHKNIHNDSRRLDRFKNNLYCAFYSE\*S\*AGILTIIIADPVPSSQGTRQARRNRRRRWRERQRQIQSI

>B.2011.KF384802.-

MEPIDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQGGPTHQVSLSKQ\*VVVHVMQSLIIVSIVALVVVTIIAIVVWSIVLIEYKRILRQRRIDRLIDRIRERAEDSGNESDGDQEELSALEMGRLAPWDIDDM\*CLKKFNFRTVVGYSLLWGTCVERSNYHSILCIGC\*RI\*ERGT\*CLGHTCLCTHRPQPTRNKIECNRKF\*HVEK\*HGRTNAGGYNQSMGSKPKAMCQINPTMCHFTLH\*LCSFKLHFKWHCS\*YHKLHCQYHY\*WWDGERRNEKLLFQCHHKHKR\*GTERICTFL\*PRCSTNR\*\*\*YQL\*VNKL\*HLSYYPSLSKGKL\*ANSHTLLCPGWFCNSKV\*\*EEVQWIRTMYKCQHSTMHTWY\*ASSINSTAVKW\*PSRRRGSN\*I\*QFLRQC\*NHNSTAERVCTN\*LYKTQLQYKKKYTYRTRESILYNKTNKRKYNTSTL\*P\*\*RRLE\*DFNKDSCTIGKTI\*EYNKKI\*ATTRRRGPRNCKA\*F\*LWRGIFLL\*HNTTV\*\*YLGA\*WYLD\*WNTI\*LYRKY\*TPMQIKTNCKHVAGSRESHVCPSHRRTN\*LFIKYYGAAINKRWG\*Q\*\*D\*EQDRDLQTWRRKYEGQLEK\*II\*I\*SNKS\*TIRSSTHQGKETSGAERKKSSGNRSSARWVLGSSRKHYGRSVCDADGTGQTIIVWYSATAEQSAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*NSG\*DLE\*HDLDAVGKRN\*KLHK\*NIQLN\*KIAEPTRKE\*TRIIRIR\*VGKLVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRYIRTL

>B.2011.KF384803.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKQCCFHCQVCFIKKGLGISYGRKKRKQRRRAPQGSQTHQGSLPKQ\*VVYVMQPLHIVAIVALVVAAILAIVVWSIVFIEYRKILRQRKIDRIIDRISERAEDSGNESEGDQEELSALVGMGHHAPWDIHDL\*RCRTIVGHSLLWGTCVERSKYYTILCIRC\*II\*GRGT\*CLGHTCLCAHRP\*PTRSIIGKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCKINPTLRYFKLH\*LCE\*CY\*YL\*QRGRSDGKRRNEKLLFQYHHKPKR\*GAERIYTFL\*T\*FSTNRG\*E\*QNQYQL\*VDKL\*HLSPYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTVYKCQHRTMYTWN\*ASSINPTAVEWQSSRKRGSN\*I\*QLHGQC\*NHNSTAENTCKN\*LYKTLQQDNKKKNTYRTRESIFYNRRNRRRDKKSTL\*H\*\*NRVE\*HSKRDS\*QIKRTIWE\*NNNL\*\*ICRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLGKWYLDE\*EWYWRIR\*YHTSMQNKTNYKPVAGSRKSNVCSSHRRTN\*MFIKYYRAVINKRWWF\*SD\*RDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRISTHQGKEKSGAERKKSSRTGSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGKDLG\*HDLDGVGKRN\*QLHKFNIHFT\*RIAEPTRKE\*TRIIGIR\*MGKFVELV\*YNKMAVVHKNIYNGSRRLGRFKNSFCCIFYSE\*S\*AGIFTTLVSDPLPSPEGTRQARRNRRRRWRERQRQIRFI

>B.2011.KF384804.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRTPLGCQSYQVSLSKQ\*VLRVMVPIQIVAIGALVIAGIIAIVVWSIVFIEYRKIVKQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVDDQ\*CYKTIVGHSLLWGTCVERSNYHFILCIRC\*SI\*YREAQCLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKLKAMCEINPTLCYFKLH\*CY\*DQ\*\*\*RGNEGWTRNEKLLFQYHHKHKR\*DAERICAFL\*A\*CSTSRKG\*C\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLYPGWFCDYKM\*\*\*EVQWNRTM\*KCQHSTVYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KLHKQC\*SHNSTIE\*VCVN\*LYKTWQQYKQRYTYRTRQSIACNKNKRKNNRRYKTSTL\*H\*\*SRLE\*HSKEDSGKIKRTIWE\*NNSL\*SILRRGHRNCNTQF\*LWRGIFLL\*YNTTV\*\*YLECY\*SLEFSWRVK\*HWRYHTPMQNKTNCEQVAGSRKSNVCPSNLRIY\*LFIKNYRADINKRWWL\*HHQ\*D\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTYHGKEKGGAERKKSSGNGSVVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGLLWKTHLHH\*CALEH\*LE\*\*ISKTDLGQHDLDGVGKRN\*QLHKCNIHLN\*TIAKPARKE\*RRVIIFR\*MGQFMELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSK\*S\*AGIFTIIVPDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.2011.KF384805.-

MEPVDPNLEPWKHPGSQPKTACTPCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTHQVSLPKQ\*VIYVMQPLQIVAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIERLFDRIRERAEDSGNESDGDQEELSAIMEMGHHAPWDVDDL\*CCRKFVGHSLLWGTCVEGSNYHSILCIKC\*SI\*ERGT\*CLGHTCLCTHRPQPTGNRIAKCDRKI\*HVEKLHGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LE\*KWY\*\*\*\*\*\*D\*Y\*\*\*\*\*\*FGNERRSEKLLFQCYHQHKR\*DTETICTFL\*T\*CSTNR\*\*\*\*\*Y\*L\*VDKL\*HLSHYAGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*YEVQWIRTM\*QCQLSAMYTWN\*ASSVNAIVVKWQSSKRGGSN\*I\*KFYKQCKNHNSTAE\*ICRN\*LYKTQQQYKERYTYRARTSIFCNRRHNRRYKESTLQP\*FSKMEQHFKKDS\*QIKRSIWEE\*NNNL\*SILRRGPRNCNAQF\*LWRRIFLL\*YNTTV\*\*YLVVK\*YLDVK\*HWRK\*HNNHTTMQNKTNYKHVAGSRKSNVCPSHSRTN\*LFIKHYRATINKRWWECEQQQHHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTLQGKKKSGAERKKRSGTGVPWVLGNSRKHYGRGVTDADGTGQTIIVWYSATAEQSAESY\*GATTSVATHSLGH\*AAPGKSPGCGKIPIGSTAPGNMGLLWKTHLRHFCALE\*KLE\*\*NT\*\*DLE\*HDLDAMGKRN\*QTHKHNIHLT\*KIAEPARKE\*TRFIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSGRLDRFKNNFCCTFYSE\*S\*AGILTIIVSDPPPSTEGTRQARRNRRRRWRERQRQIRSL

>B.2011.KF384806.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAHQDSETHQETLSKQ\*VVHVMNSLEISAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*GYRRLVGHSLLWGTCVERGNPPPILCIKC\*SL\*ERGT\*CLGHTCLCTHRP\*PTRSRIECDRKF\*YVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPTLCYIKLQ\*C\*FH\*\*C\*CH\*\*EQQSY\*\*QHGNAGKRRNKKLFFLCHHRHKR\*NADRTCTLL\*K\*YNTNR\*\*KYHCQL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWLCDFKV\*R\*EV\*WNRTL\*KSQHSTMYTWNQASSINSTAVKWQFSRRRDSG\*I\*KFHKQCKNYNSTAERICRD\*LHKTRQKVK\*NYTYRTRESILCIRRKRYKTSIL\*HQ\*SKME\*NFRTGS\*KIKRAIKRAI\*CY\*CYNSL\*ATSRRRPRNCNAQFQL\*RGIFLL\*YITIV\*\*YLVWEYY\*TVK\*HYRIYQTPMQNKTNCKPVAGSRKSNVCPSHQRRN\*LYIKYYRAATNKRWW\*\*\*\*HKWD\*DL\*TWRRRYEGQLEK\*IIQV\*GSTN\*TLRGSAHQGKEKSGAERKKSNRTRSFIPWVLGSSRKHNGRSVNDADGTGQTIIDWYSATAKQLAEGY\*GATASVATHSLGHQAAPGKSPGSGEIPTGSTAPGGLGLLWKTHLHHCCALEY\*LE\*\*ISGIHLGKHDLDAVGKRN\*\*LHTRNIRLT\*KIAEPARTK\*KRLIGIGHMGKFVELVYYNKLAVVYKTIHNDSRRLDRFKNIFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRNI

>B.2011.KF384807.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVPLSNQ\*VAYVMQPLVILSIVAFVVVTIIAIVVWSIVFIEYKKIRRQKRIDRLIDRIIDRAEDSGNESDGDQEELSGLVERGHLAPWDINDM\*CCRGYVGHNILWGTCVERSKYHSILCIRC\*SI\*NRGT\*CLGYTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GCN\*FMGSKSKTMCKINPTLCYFNLH\*C\*CH\*Y\*CHEY\*QDRAGGRRNEKLLF\*CHHRRK\*\*KKERICTFL\*P\*CSTNRWE\*G\*Y\*LQVNKL\*HLSRYTSLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWNRTMYKCQHSTMYTWD\*ASSINSTTVKWQFGRRKGSP\*I\*KFHRQ\*\*DHNSTTEGTSTN\*LYKTQ\*QYNKRYTYGTRKSILCNRTGNRRYKAGTL\*P\*\*RTME\*HFKTDS\*QIRRTIWEE\*NNNL\*TLLRRGPRNCNAHF\*LWGRIFLL\*HNNTVQ\*YLGWE\*YY\*KVKEY\*RKCNNHHNPMQNKTNYKHVAESRKSNICPSHQRKH\*LFIKYYRAAINKRWWE\*RGQHQ\*DLQTSRRRYEGQLEK\*AI\*IQSSKN\*TIRNSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVADADGTGQTIIVWYSATAEQSAESY\*GATAYVATHSLGHQAAPGKGSGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LEQ\*IF\*\*NLG\*PDLDAMGKRN\*QLHSNNILLT\*RIAEPARKE\*TRLIGIR\*MVKFVELV\*HNKLAVVYKNIHNDSRGHDRFKDSFYYIFYSE\*S\*AGILTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2011.KF384808.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCYHCQVCFLTKGLGIFYGRKKRRQRRRAPQDSEAHQDYLSKQ\*VIHVMQSLHILAIVALVVAGILAIIVWSIVFIEYRKIVKQKKIERLIDKIIERAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CCRVVGHGLLWGSCMERSKHHFILCIKC\*SI\*YRSA\*CLGHTCLCTHRSQPTGSNIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCEINPTLCYFTV\*\*GKSYWT\*CH\*CKT\*RP\*LKEY\*CRSKKLLFQHQHRNKRKGAGKLCTFLSR\*YSASTSRR\*\*\*QQ\*G\*ES\*QQE\*K\*\*QQ\*\*\*YQLYIKKL\*HLNHYTSLSKGIL\*ANSYTLLCPGWFCDSKMQRSHVQWIRNM\*QGQHSTMYTWNQASSINSIAVKWQSGRRRNSN\*ICQSHGQC\*DHNNTAK\*ICSN\*LYKARQQYKERYNYRTRESILCNRKDNRRYKTSTL\*H\*QNTME\*NFIYGSSKIKRKI\*\*\*NNSF\*SILRRGSRNCNAQL\*LQRGIFLL\*YIKTV\*\*YLE\*\*\*YLE\*\*QYLECYSK\*NYHTSMQNKTNYKHVAGSRKSNVCPSHQRRN\*MCIKHYWTAINKRWW\*QWE\*E\*DLQTWRRRYEGQLEK\*II\*IQSSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQKVTVWYSATAEQSAEGY\*CATASVATHSLGHQAAPGKSPGRGKIPKGSTAPRDLGLLWKNHLHHCCALEY\*LE\*\*NFN\*YLG\*YDLDAVGK\*N\*KLHRHYILLT\*NIANPAGNE\*KRIIGIG\*MGKFVELV\*HNKLAMVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTYVIPDPPPRTEGTRQARRNRRRRWRARQKQIQTI

>B.2011.KF384809.-

MEPVDPRLEPWKHPGSQPRTACTTCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAIVALVVAAIIAIVVWSIVLVEYRKILRQRKIDRIIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDINDL\*CCKKIVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*SEECY\*YHE\*\*RENDGGGRNKKLLFQYHHKHKR\*GAERICTFL\*T\*CNTNRKR\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQSHGQC\*NHNSKAE\*ICRTELYKTQQQYKKKYTYRTRQSILYNRRNNRRYKTSTL\*P\*\*SKME\*HFRKDSYKIKRTI\*E\*NNSL\*STLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYWVK\*H\*RK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*KRERDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISESDLAEHDLDAVGKRN\*\*LHKLNIHLN\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVPDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2011.KF384810.-

MEPVDPRLEPWQHPGSQPKTACTNCYCKRCCLHCQVCFITKGLGIFYGRKKRRQRRRPPPDREIHQVSLSKQ\*VVYVMQSLQTAALQIAAIVALVVAAIIAIIVWTIVFVEYRKILRQRKIDRILDKIRDRAEDSGNGSEGDQEELSALMEMGHHAPWDVDDL\*CCKTTVGHSILWGTCVERSKHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRDGVSKCDRKL\*HVEK\*HGRTDA\*GYNQFVGSKPKAMCEINPTLCYFKLH\*FEFDCQ\*KFQ\*KFECQ\*QFGVQCH\*\*\*LYGNEKLLFQY\*HKHRK\*GAKRICTSL\*S\*FNANRG\*\*YKLYIETL\*HLHHYTGLSKSNL\*PNSHTLLCPCWFCDPKV\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSVYSTVVEWQPSRKRDSNQI\*KFLEQC\*NHNSAAESICGN\*LYKTQQQYKKKYTYRTRKCILCNRSYNRRHKTSTLQHQ\*TKME\*NFKTDSYKIKRTIWFE\*NNKL\*SSLRRRPRNCNAQF\*L\*RGIFLL\*YNTAV\*\*YLGME\*YQLE\*\*H\*Q\*KYHTPVQNKTNCKQVAGSRKSNVCPSHQWTD\*LFLKYYRTATNKRWW\*\*\*\*YK\*Y\*DLQTRRRRYEGQLEK\*II\*I\*SSRD\*TIRNSTHQGKKESGAERKKSNNAGSFIPRVLGNSRKHYGRSVNDADGTGQAIIVWYSATAE\*SAESC\*GATAYVATHSLGHQAAPGKSPGCGKIPKGPTAPGDLGLLWKAYLHHCCALEC\*LE\*YIC\*LHLGEHDLDGMGERN\*\*LHN\*NIHFTSGIAVPAGKE\*ERLISIGYVGKLVELV\*HIKMAVVYKNIHNDSRRFNRFKNSFYCNFYSE\*S\*AGILTTVIADPPPNPEGTRQARRNRRRRWRERQRRINEI

>B.2011.KF384811.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKQCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVYVMQSLAIAAIVGLVVAVILAIVVWTIVLIEYRKILRQRKIDRLIERIAERAEDSGNESEGDHEELSALVEMGHHAPWDVDDL\*CCRKFVGHSLLWSTCVERSNYYSILCIRC\*SIRHRDA\*CLGHTCLCTHRPQPTRSSTGKCDREF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLR\*C\*\*YHQ\*\*\*YGRDAGRRNKKLLFQYHHKHKR\*DTEGICTFL\*T\*CSTNSG\*WNQQY\*CH\*YPL\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*EV\*WNRTM\*KCQHSTMYTWN\*ASSINSATVKWQSSRRRGNN\*I\*ESHKQC\*DYTSTPE\*ICRNYL\*KTQQQYKKEYTYRTRESLFYIRNNRRYKTSILYN\*WNNLE\*NFKAGSYQIR\*KISEQNNSL\*SVLRRGPRNCNVQF\*LWRGIFLL\*FIKTV\*\*YLEWY\*LDRYMV\*\*HK\*NYHTPVQNKTSYKHVAGSRKSNVCPSHQRKN\*M\*IKHYRAVVNKRWRWWEQ\*NHRDLQTWRRKYEGQLEK\*II\*I\*SSKNSTSRLGTHQGKKKSGAERKKSSNTGSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGH\*AAPGKSPGCGKIPKRSTAPRNLGLLWKTHLHHYCALE\*\*LE\*\*IL\*PHLG\*HDLDGVGKRN\*\*LHTPNIQLN\*RLAKPTRKE\*TRLIRIG\*VGKSVELV\*HNKMAVVYKNIHNDSRRLNRIKTSFYCTFYSE\*S\*EGILTIVVPDPPPSPEGTRQARRNRRRRWRARQRQIQSL

>B.2011.KF384812.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKKCCYHCQVCFTTKGLGISYGRKKRRQRRRAHQDRQIHQVSLSKQ\*VVHVMNSLQVAVIVALVVVAILAIVVWSIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCGRIVGHSLLWGTCVERSNHHSILCFRC\*SI\*YRGT\*CLGHTCLCAHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPTLCYSKLH\*LL\*ECYLYQWYQWYFERRTRSNKKLLFQHHHKHER\*VSERICTFL\*T\*CRTNRQY\*L\*VEEL\*HLSHYTSLPKGILRTNSHTLLCPGWLCDSQV\*Q\*DVQWERTMYKCQYSTMYTWN\*ASSINSTAAEWQSSRRRDSN\*N\*EDRRQC\*HHNSTAERICGN\*LYKTQ\*QYKKKYTYRTRESILCNRRNNRRHKTGTL\*H\*\*TKVE\*HSKTDSYKIKTTIWE\*NNSL\*SILRRGPRTCNAQF\*LWRGVFLL\*YNRTV\*\*YLE\*Y\*RVK\*HWGVRKH\*QHNHTPM\*NKTIYKHVAGSRKSNVCPSHQRTD\*LCIKHHRAAITKRWW\*KE\*D\*RERD\*DLQTWRRRYEGQLEK\*VI\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWILGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEYYLE\*\*KFGFYLE\*HDLDGMGKRN\*QLHRQYIQIT\*RIAKPTRKE\*KRIIGIR\*VGKSVELV\*YIKLAVVYKNIHNGSRRLDRLKNSFCCTFYSK\*S\*GGILTIIIADPPPNLEGTRQARRNRKRRWRKRQKQIHSL

>B.2011.KF384813.-

MEPVDPRLEPWKHPGSQPRTACTTCFCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRASQDSQAHQVPLSKQ\*VVHVMHSSLILTIVAVVVAAIAAIVVWSIVFIEYRKILRQRKIDKIIDRIRERAEDSGNESDGDQEELSALVEMGHHAPGDINDL\*CYRQIVGHGLLWGTCVERSNHHSILCIRC\*RI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCHFKLH\*SEEYY\*CHE\*\*RENDGGGRDEKLLFQYHHKHKR\*GTERICTFL\*T\*CSTNGKR\*Y\*L\*VDKL\*HLSPYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRGSN\*IRQSHGQY\*GHNSTAERTCRNELYKTQQQYKKKYIYRTRQSILYNRRSNRRYKTSTL\*P\*YGKLE\*HFKKYN\*KIKRTL\*E\*HDSLYSIRRRGPRNCNA\*F\*LWRGIFLL\*FNTTV\*\*YLDW\*\*VR\*Y\*QKCHNHTPMQNKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKHYRAALNKRWWYRQQDRQERDRDL\*ACRRRYEGQLEK\*II\*I\*SSKN\*TVRSSTHQGKEKSGAERKKSSGNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALE\*\*LE\*\*NFRSNLAEHDLDAVGKRN\*\*LHKLNIHLN\*RIANPTRTE\*TRIIRVR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKDSFYCTVYSE\*S\*AGILTIIVPDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.2011.KF384814.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRASQDNQNNQDLLPKQ\*VIHVMYSLYISAIVALVVATILAIVVWTIVLIEYRKILRQRKIDRIIDRIAERAEDSGNESDGDQEELSVLMEMGHHAPWDVDDL\*CYRKTAVGYSLLWSTCVERSYDTEVHNVWATHACVPTDPNPQEVRVGKCNRKF\*HVEK\*HGGTDA\*GCNQLMGSKPKAMCKINPTLCYFKLH\*C\*MH\*C\*\*CH\*P\*\*CH\*Q\*Y\*YL\*K\*\*\*LGNGNERRNKKLLFQCYHKPKR\*DTKRIYII\*QS\*YSTNRYFKC\*L\*VDKL\*YLSHYKSLSKNIL\*TNSHTLLCPGWFCDSKV\*R\*QFHWKWTM\*KCQHSTMYTWN\*ASSINSTAAKWQFSRRRDND\*I\*KFYKQY\*NHNSAAE\*IYNNYLCKTQQQYKKKYTYRTRECVLYNRHNRRYKTSTL\*H\*FSKLD\*NFKRDSYKIKRTI\*ECNRNIL\*SILRRRPRNCHAQF\*LWRGIFLL\*YNKTV\*\*NLGEFSAA\*\*Y\*GY\*Q\*Y\*NYHNPM\*NKTNYKHVAGNRKSNVCPSH\*RTN\*M\*IKYYRAVINKRWW\*\*DQHYRGLQTGRRKYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSYTRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAEGYSGATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCCALEH\*LE\*\*NSKRDLG\*PDLDAVGKRN\*QLHRLNIQLN\*RIAKPTRKE\*TRFIGIR\*VGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFYCTVYSE\*S\*EGILTIVIPDPPPKPEGTRQARRNRRRRWRQRQRQIRSI

>B.2010.KF526120.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQASLSKQ\*VVYVMQPIHITIVALVVAGILAIVVWSIVLIEYRKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDINDL\*CYRKVVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGA\*CLGHACLCTHRPQPTRSSNGKCDRKI\*HVEK\*HGRPNA\*RYNQFMRSKPKALCKINPTLCYFKLH\*LCKK\*\*Q\*NDGERRNTKLLFQCHSRHKR\*GTERICTFL\*D\*YSTNR\*G\*\*\*Q\*DF\*LF\*I\*VDKL\*HLSHNTGLSKGNL\*ANSHTLLCPGWFCDSKV\*\*\*EV\*WNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRKRGRN\*ICQFHRQC\*NHNSTAKRICSN\*LYKTQQQYKKKYIYRTRESILYNRRSNRRYKTSTL\*H\*\*RKME\*NFRKGSCKIKRTIWTE\*NNSL\*SILRRGPRNCNTQF\*LWRGIFLL\*FNTTI\*\*YLVC\*WY\*YLEWYWRRKYHTPMQNKTNCKHVARSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWC\*WEREHRGLQTFRGRYEGQLEK\*II\*I\*SSTN\*TIRSSTQQGKKKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQTVTVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHH\*CALE\*\*LE\*K\*ILGGDLE\*HDLDGVG\*RN\*QLHKHNIQLN\*RIAKPTRKK\*TRLIGIR\*MGQFVELV\*HIKMAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIVADPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2010.KF526122.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQASLSKQ\*VVYVMQPIHITIVALVVAGILAIVVWSIVLIEYRKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDINDL\*CYRKVVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGA\*CLGHACLCTHRPQPTRSSNGKCDRKI\*HVEK\*HGRPNA\*RYNQFMGSKPKALCKINPTLCYFKLH\*LCKK\*\*Q\*NDGERRNTKLLFQCHSRHKR\*GTERICTFL\*D\*YSTNR\*G\*\*\*Q\*DF\*LF\*I\*VDKL\*HLSHNTGLSKGNL\*ANSHTLLCPGWFCDSKV\*\*\*EV\*WNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRKRGRN\*ICQFHRQC\*NHNSTAKRICSN\*LYKTQQQYKKKYIYRTRESILYNRRSNRRYKTSTL\*H\*\*RKME\*NFRKGSCKIKRTIWTE\*NNSL\*SILRRGPRNCNTQF\*LWRGIFLL\*FNTTI\*\*YLVC\*WY\*YLEWYWRRKYHTPMQNKTNCKHVARSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWC\*WEREHRGLQTFRGRYEGQLEK\*II\*I\*SSTN\*TIRSSTQQGKKKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQTVTVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHH\*CALE\*\*LE\*K\*ILGGDLE\*HDLDGVG\*RN\*QLHKHNIQLN\*RIAKPTRKK\*TRLIGIR\*MGQFVELV\*HIKMAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIVADPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2010.KF526123.-

MDPVDPRLEPWKHPGSQPKTACTSCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQASLSKQ\*VVYVMQPIHITIVALVVAGILAIVVWSIVLIEYRKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDINDL\*CYRKVVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGA\*CLGHACLCTHRPQPTRSSNGKCDRKI\*HVEK\*HGRPNA\*RYNQFMGSKPKALCKINPTLCYFKLH\*LCKK\*\*Q\*NDGERRNTKLLFQCHSRHKR\*GTERICTFL\*D\*YSTNR\*G\*\*\*Q\*DF\*LF\*I\*VDKL\*HLSHNTGLSKGNL\*ANSHTLLCPGWFCDSKV\*\*\*EV\*WNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRKRGRN\*ICQFHRQC\*NHNSTAKRICSN\*LYKTQQQYKKKYIYRTRESILYNRRSNRRYKTSTL\*H\*\*RKME\*NFRKGSCKIKRTIWTE\*NNSL\*SILRRGPRNCNTQF\*LWRGIFLL\*FNTTI\*\*YLVC\*WY\*YLEWYWRRKYHTPMQNKTNCKHVARSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWC\*WEREHRGLQTFRGRYEGQLEK\*II\*I\*SSTN\*TIRSSTQQGKKKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQTVTVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHH\*CALE\*\*LE\*K\*ILGGDLE\*HDLDGVG\*RN\*QLHKHNIQLN\*RIAKPTRKK\*TRLIGIR\*MGQFVELV\*HIKMAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIVADPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2010.KF526141.-

MDPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETYQASLSKQ\*VVYVMQPIHITIAALVVAGILAIVVWSIVLIEYRKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALVEMGHHAPWVINDL\*CYRKVVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGA\*CLGHACLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRPNA\*RYNQFMGSKPKALCKINPTLCYFKLY\*LCK\*CYYSQ\*\*\*QCYCSQ\*\*\*QCYYSQ\*\*\*Q\*NTKMLFQCHSRHKR\*GTERICTFL\*D\*YSTNR\*G\*\*\*QFYLFYI\*VDKL\*HLSHNTGLSKGNL\*ANSHTLLCPGWFCDSKV\*\*\*EV\*WNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRKRGRN\*ICQFHRQC\*NHNSTAK\*ICSNYLYKTQQQYKKKYIYRTRESILCNRRCNRRYKTSTL\*H\*\*RKLD\*NFRKGSCKIKRTIWTE\*NNSL\*SIRRRGPRNCNTQF\*LWRGIFLL\*FNTTI\*\*YLEC\*\*Y\*YWE\*Y\*RRRYHTPMQNKTNCKHVARSRKSNVCPSHQRTN\*LFIKYYRAAINKRWRC\*\*EQWNRGLQTFRGRYEGQLEK\*II\*I\*SSTN\*TIRSSTQQGKKKSGAERKKSSGNGSSVPWVLGSSRKHYGRSINDADGTGQTVTVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHH\*CALE\*\*LE\*K\*ILGGYLE\*HDLDGVG\*RN\*QLHKHNIQLN\*KIAKPTRKK\*TRLIGIR\*MGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIVADPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2010.KF526145.-

MDPVDPRLEPWKHPGSQPKTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAHQDSETHQASLSKQ\*VVYVMQLIHITIVALVVAGILAIVVWSIVLIEYRKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALVEMGHHAPWVINDL\*CYRKVVGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGA\*CLGHACLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRPNA\*RYNQFMGSKPKALCKINPTLCYFKLR\*LCK\*CYCK\*CYYSQ\*\*\*Q\*NTELLFQRHSRHKR\*GTERICTFL\*D\*FSTNR\*G\*C\*Q\*EF\*L\*VDKL\*HLSHNTGLSKGNL\*ANSHTLLCPGWFCDSKM\*\*\*EV\*WNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRKRGRN\*ICQFHRQC\*NHNSTAKRIRSN\*LYKTHQQYKKKYIYRTRESILYNRRRNRRYKTSTL\*H\*\*RRLE\*NFRKGSCKIKRTIWTE\*NNSL\*SILRRGPRNCNTQF\*LWRGIFLL\*FNTTI\*\*YLEC\*WY\*YLEWYWRKKYHTPMQNKTNCKPMARSRKSNVCPSHQRTNWMFIKYYRAAINKRWWC\*\*EQ\*NRDLQTFRGRYEGQLEK\*II\*I\*SSTN\*TIRSSTQQGKKKSGAERKKSSGNRSSVPWVLGSSRKHYGRSINDADGTGQTVTVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHH\*CALE\*\*LEQK\*ILGGHLE\*HDLDGVG\*RN\*QLHKHNIQLN\*RIAKPTRKK\*TRLIGIR\*MGQFVELV\*HIKMAVVYKNIHNDSRRLNRFKNSFCCTLYSE\*S\*AGILTIIVADPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2011.KF526174.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISHGRKKRRQRRRASQGSKTDQAHLSKQ\*VVHVMNSLYIAAIVALVVAAILAIIVWTIVFIEYKKILRQRKIDRLINRIRERAEDSGNESEGDEEALSALVERGHLAPWDVDDL\*WGRKLVGHSLLWGTCVERSNNHSILCIRC\*RI\*NRGT\*CLGHTCLCAHRPQPTRNSIGKCDRKF\*HVEKSHGRTDA\*RYNQFMGSKPKALCKINPTLCHFKMRECYSE\*YSGECDCGP\*\*QHGTRNNKLLFQYYHKYKR\*GAETICSLL\*T\*CSTN\*G\*\*\*\*\*K\*\*\*\*\*KL\*IDKL\*YLSHYTGLSKGIL\*ANSHTLLYPCWFYDSKV\*\*\*EVQWNRTMYKCQHSAMYTWN\*ASSVHSTAVKWQSSRRRDNN\*I\*KFHKQCKNHNSTAEPICSN\*LYQTWQQYKKKYTYRTRKSILCNRRHNRRYKKGIL\*H\*\*RKLK\*HFKTGSYEIKRTIWE\*\*NNKLSAILRRGPRNYNAQF\*LWRKIFLL\*YNKAV\*\*YLE\*QQHLE\*Y\*R\*NYHTPMQNKTNCKQVAGSRKSNICPSHQRTN\*MFLKYYRAAINKRWWYC\*\*HKQYRDLQTWRRRYEGQLEK\*II\*I\*SGAN\*TIRSSTHHGKEKSGAERKKSSDTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSAAAKQFAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKANLHH\*CALEH\*LE\*\*IPR\*DLE\*HDLDGMGKRN\*\*LHRPNIQLN\*TIAEPARKE\*TRLIGIG\*LGKSELV\*HIKMAVVYKNIHNDSRGLDRCKNNFYCTFHSE\*S\*AGILTSIVSDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2011.KF526175.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISHGRKKRRQRRRASQGSKTDQAHLSKQ\*VVHVMNSLYIAAIVALVVAAILAIIVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDEEALSALVERGHLAPWDVDDL\*WGRKLVGHSLLWGTCVERSNNHSILCIRC\*RI\*NRGT\*CLGHTCLCAHRPQPTRNSIGKCDRKF\*HVEKSHGRTDA\*RYNQFMGSKPKALCKINPTLCHFKMRECYSE\*YSGECDCGP\*\*QHGTRNNKLLFQYYHKYKR\*GAETICSLL\*T\*CSTN\*G\*\*\*\*\*K\*\*\*\*\*KL\*IDKL\*YLSHYTGLSKGIL\*ANSHTLLYPCWFCDSKV\*\*\*EVQWNRTMYKCQHSAMYTWN\*ASSVHSTAVKWQSSRRRDNN\*I\*KFHKQCKNHNSTAEPICSN\*LYQTWQQYKKKYTYRTRKSILCNRRHNRRYKKGIL\*H\*\*RKLE\*HFKTGSYEIKRTIWE\*\*NNKLSAILRRGPRNYNAQF\*LWRRIFLL\*YNKAV\*\*YLE\*QQHLE\*Y\*R\*NYHTPMQNKTNCKQVAGSRKSNICPSHQRTN\*MFLKYYRAAINKRWWYC\*\*HKQYRDLQTWRRRYEGQLEK\*II\*I\*SGAN\*TIRSSTHHGKEKSGAERKKSSDTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSAAAKQFAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKANLHH\*CALEH\*LE\*\*IPR\*DLE\*HDLDGMGKRN\*\*LHRPNIQLN\*TIAEPARKE\*TRLIGIG\*LGKSVELV\*HIKMAVVYKNIHNDSRGLDRCKNNFYCTFHSE\*S\*AGILTSIVSDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2011.KF526176.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISHGRKKRRQRRRASQGSKTDQAHLSKQ\*VVHVMNSLYIAAIVALVVAAILAIIVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDEEALSALVERGHLAPWDVDDL\*WGRKLVGHSLLWGTCVERSNNHSILCIRC\*RI\*NRGT\*CLGHTCLCAHRPQPTRNSIGKCDRKF\*HVEKSHGRTDA\*RYNQFMGSKPKALCKINPTLCHFKMRECYSE\*YSGECDCGP\*\*QHGTRNNKLLFQYYHKYKR\*GAETICSLL\*T\*CSTN\*G\*\*\*\*\*K\*\*\*\*\*KL\*IDKL\*YLSHYTGLSKGIL\*ANSHTLLYPCWFCDSKV\*\*\*EVQWNRTMYKCQHSAMYTWN\*ASSVHSTAVKWQSSRRRDNN\*I\*KFHKQCKNHNSTAEPICSN\*LYQTWQQYKKKYTYRTRKSILCNRRHNRRYKKGIL\*H\*\*RKLE\*HFKTGSYEIKRTIWE\*\*NNKLSAILRRGPRNYNAQF\*LWRRIFLL\*YNKAV\*\*YLE\*QQHLE\*Y\*R\*NYHTPMQNKTNCKQVAGSRKSNICPSHQRTN\*MFLKYYRAAINKRWWYC\*\*HKQYRDLQTWRRRYEGQLEK\*II\*I\*SGAN\*TIRSSTHHGKEKSGAERKKSSDTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSAAAKQFAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKANLHH\*CALEH\*LE\*\*IPR\*DLE\*HDLDGMGKRN\*\*LHRPNIQLN\*TIAEPARKE\*TRLIGIG\*LGKSVELV\*HIKMAVVYKNIHNDSRGLDRCKNNFYCTFHSE\*S\*AGILTSIVSDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2011.KF526177.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISHGRKKRRQRRRASQGSKTDQAHLSKQ\*VVHVMNSLYIAAIVALVVAAILAIIVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDEEALSALVERGHLAPWDVDDL\*WGRKLVGHSLLWGTCVERSNNHSILCIRC\*RI\*NRGT\*CLGHTCLCAHRPQPTRNSIGKCDRKF\*HVEKSHGRTDA\*RYNQFMGSKPKALCKINPTLCHFKMRECYSE\*YSGECDCGP\*\*QHGTRNNKLLFQYYHKYKR\*GAETICSLL\*T\*CSTN\*G\*\*\*\*\*K\*\*\*\*\*KL\*IDKL\*YLSHYTGLSKGIL\*ANSHTLLYPCWFCDSKV\*\*\*EVQWNRTMYKCQHSAMYTWN\*ASSVHSTAVKWQSSRRRDNN\*I\*KFHKQCKNHNSTAEPICSN\*LYQTWQQYKKKYTYRTRKSILCNRRHNRRYKKGIL\*H\*\*RKLE\*HFKTGSYEIKRTIWE\*\*NNKLSAILRRGPRNYNAQF\*LWRRIFLL\*YNKAV\*\*YLE\*QQHLE\*Y\*R\*NYHTPMQNKTNCKQVAGSRKSNICPSHQRTN\*MFLKYYRAAINKRWWYC\*\*HKQYRDLQTWRRRYEGQLEK\*II\*I\*SGAN\*TIRSSTHHGKEKSGAERKKSSDTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSAAAKQFAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKANLHH\*CALEH\*LE\*\*IPR\*DLE\*HDLDGMGKRN\*\*LHRPNIQLN\*TIAEPARKE\*TRLIGIG\*LGKSVELV\*HIKMAVVYKNIHNDSRGLDRCKNNFYCTFHSE\*S\*AGILTSIVSDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2011.KF526178.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISHGRKKRRQRRRASQGSKTDQAHLSKQ\*VVHVMNSLYIAAIVALVVAAILAIIVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDEEALSALVERGHLAPWDVDDL\*WGRKLVGHSLLWGTCVERSNNHSILCIRC\*RI\*NRGT\*CLGHTCLCAHRPQPTRNSIGKCDRKF\*HVEKSHGRTDA\*RYNQFMGSKPKALCKINPTLCHFKMRECYSE\*YSGECDCGP\*\*QHGTRNNKLLFQYYHKYKR\*GAETICSLL\*T\*CSTN\*G\*\*\*\*\*K\*\*\*\*\*KL\*IDKL\*YLSHYTGLSKGIL\*ANSHTLLYPCWFCDSKV\*\*\*EVQWNRTMYKCQHSAMYTWN\*ASSVHSTAVKWQSSRRRDNN\*I\*KFHKQCKNHNSTAEPICSN\*LYQTWQQYKKKYTYRTRKSILCNRRHNRRYKKGIL\*H\*\*RKLE\*HFKTGSYEIKRTIWE\*\*NNKLSAILRRGPRNYNAQF\*LWRRIFLL\*YNKAV\*\*YLE\*QQHLE\*Y\*R\*NYHTPMQNKTNCKQVAGSRKSNICPSHQRTN\*MFLKYYRAAINKRWWYC\*\*HKQYRDLQTWRRRYEGQLEK\*II\*I\*SGAN\*TIRSSTHHGKEKSGAERKKSSDTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSAAAKQFAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKANLHH\*CALEH\*LE\*\*IPR\*DLE\*HDLDGMGKRN\*\*LHRPNIQLN\*TIAEPARKE\*TRLIGIG\*LGKSVELV\*HIKMAVVYKNIHNDSRGLDRCKNNFYCTFHSE\*S\*AGILTSIVSDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2011.KF526179.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISHGRKKRRQRRRASQGSKTDQAHLSKQ\*VVHVMNSLYIAAIVALVVAAILAIIVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDEEALSALVERGHLAPWDVDDL\*WGRKLVGHSLLWGTCVERSNNHSILCIRC\*RI\*NRGT\*CLGHTCLCAHRPQPTRNSIGKCDRKF\*HVEKSHGRTDA\*RYNQFMGSKPKALCKINPTLCHFKMRECYSE\*YSGECDCGP\*\*QHGTRNNKLLFQYYHKYKR\*GAETICSLL\*T\*CSTN\*G\*\*\*\*\*K\*\*\*\*\*KL\*IDKL\*YLSHYTGLSKGIL\*ANSHTLLYPCWFCDSKV\*\*\*EVQWNRTMYKCQHSAMYTWN\*ASSVHSTAVKWQSSRRRDNN\*I\*KFHKQCKNHNSTAEPICSN\*LYQTWQQYKKKYTYRTRKSILCNRRHNRRYKKGIL\*H\*\*RKLE\*HFKTGSYEIKRTIWE\*\*NNKLSAILRRGPRNYNAQF\*LWRRIFLL\*YNKAV\*\*YLE\*QQHLE\*Y\*R\*NYHTPMQNKTNCKQVAGSRKSNICPSHQRTN\*MFLKYYRAAINKRWWYC\*\*HKQYRDLQTWRRRYEGQLEK\*II\*I\*SGAN\*TIRSSTHHGKEKSGAERKKSSDTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSAAAKQFAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKANLHH\*CALEH\*LE\*\*IPR\*DLE\*HDLDGMGKRN\*\*LHRPNIQLN\*TIAEPARKE\*TRLIGIG\*LGKSVELV\*HIKMAVVYKNIHNDSRGLDRCKNNFYCTFHSE\*S\*AGILTSIVSDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2011.KF526181.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISHGRKKRRQRRRASQGSKADQAHLSKQ\*VIHVMNSLNIAAIVALVVAAIIAIIVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDEEALSALVERGHLAPWDVDDL\*WGRKLVGHSLLWGTCVERSNNHSILCIRC\*RI\*NRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEKSHGRTDA\*RYNQFMGSKPKALCKINPTLCHFKMRECYSEEWEYYSECYSEEWDCH\*QHGRRNNKLLFQYYHKYKR\*GAATICSLL\*T\*CSTN\*G\*\*\*\*\*KL\*\*\*\*KL\*IDKL\*YLSHYTGLSKGIL\*ANSHTLLYPGWFCDSKV\*\*\*EVQWNRTMYKCQHSAMYTWS\*ASSVNSTAVKWQSSRRRDNN\*I\*KFHEQC\*NHNSTAEPICSN\*LYKTWQQYKKKYTYRTRESILCNRRHNRGYKKGIL\*H\*\*KKLE\*HFKTGSYEIKKTIWE\*NNKLSAILRRGPRNYNA\*F\*LWRRIFLL\*YNITV\*\*YLE\*YLD\*QHLEWY\*R\*NYHTPMQNKTNCKQVAGSRKSNVCPSHQGTN\*MFLKYYRAAINKRWW\*C\*\*HKQ\*RDLQTWRRRYEGQLEK\*II\*I\*SGAS\*TIRSSTHHGKEKSGAERKKSSDTRSYVPWVLGSSRKHYGRSITNADGTGQTIIVWYSATAKQFAESY\*GATASVATHGLGHQTAPGKSPGCGEIPKGSTAPRDLGLLWKANLHH\*CALEH\*LE\*\*IPR\*DLE\*HDLDGMGKRN\*\*LHRPNIQLN\*TIAEPARKE\*TRLIGVG\*LGKSVELV\*HIKMAVVYKNIHNDSRGLGRCKNNFYCTFHSE\*S\*AGILTSIVSDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2011.KF526192.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFMTKALGISYGRKKRRQRRRASQGSKADQAHLSKQ\*VVHVMHSLQIAAIVALVVGTIIAIIVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNDSEGDEEALSALVERGHLAPWDVDDL\*\*GRKLVGHSLLWGTCVERSNNHSILCIRC\*RI\*NRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEKSHGRTDA\*RYNQFMGSKPKALCKINPTLCHFKMRECYSEEWEYYSEE\*DCGPYWHGRRSNKLLFQYYHKYKR\*GAETICSLL\*T\*CSTN\*G\*\*\*\*WKL\*IDKL\*YLSHYTGLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*EVQWNRTMYKCQHSAMYTWN\*ASSVNSTAVKWQSSRRRDNN\*I\*KFHEQC\*NHNSTAEPICSN\*LYKTWQQYKKKYTYRTRKSILCNRRHNRRYKKGIL\*H\*\*KKLE\*HFKTGSYEIKRTIWE\*NNKLSAILRRGPRNYNAQF\*LWRRIFLL\*YNTTV\*\*YLE\*QHLEWY\*S\*\*NYHTPMQNKTNCKQVAGSRKSNVCPSHQRTN\*MFLKYYRAAINKRWW\*Y\*\*HKQ\*RDLQTWRRRYEGQLEK\*II\*I\*SGKN\*TIRSSTHQGKEKSGAERKKSSDTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAKQFAESY\*GATASVATHGLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKANLHH\*CALEH\*LE\*\*IPR\*DLE\*HDLDGMGKRN\*\*LHRHNIHLN\*TIAEPARKE\*TRLISVG\*LGKFVELV\*HIKLAVVYKNIHNDSRGLGRCKNNFYCTFYSE\*S\*AGILTSIVSDPLPSPEGTRQARRNRRRRWRERQRQIRKI

>B.2011.KF526200.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISHGRKKRRQRRRASQGSKADQAHLSKQ\*VIHVMNSLQIATIVALVVAAIIAIIVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDEEALSALVERGHLAPWDVDDL\*\*GRKLVGHSLLWGTCVERSNNHSILCIRC\*RI\*NRGT\*CLGHTCLCTHRPQPTRNSIRKCDRKF\*HVEKSHGRTDA\*RYNQFMGSKPKALCKINPTLCHFKMRECYSEYYSGECDCEP\*CH\*QHGRRNNKLLFQYYHKYKR\*GAETICSLL\*T\*CSTN\*G\*\*\*\*\*KL\*IDKL\*YLSHYTGLSKGIL\*TNSHTLLYPCWFCDSKV\*\*\*EVQWNRTMYKCQHSAMYTWN\*ASSVNSTAIKWQSSRRRDNN\*I\*KFHKQC\*NHNSTAEPICSN\*LYKTWQQYKKKYNYRTRKSILCNRRHNRGYKKGIL\*H\*\*KKLE\*HFKTGSYEIKRTIWE\*NNKLSAILRRGPRNYNA\*F\*LWRRIFLL\*YNITV\*\*YLE\*YLD\*QHLEWY\*R\*NYHTPMQNKTNCKQVAGSRKSNVCPSHQRTN\*MFLKYYRAAINKRWW\*Y\*\*HKQ\*DLQTWRRRYEGQLEK\*II\*I\*SGTN\*TIRSSTHQGKEKSGAERKKSSDTRSYVPWVLGSSRKHYGRSITNADGTGQTIIVWYSATAKQFAESY\*GATASVATHGLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKANLHH\*CALEH\*LE\*\*IPR\*DLE\*HDLDGMGKRN\*\*LHRPNIQLN\*TIAEPARKE\*TRLIGVG\*LGKSVELV\*HIKMAVVYKNIHNDSRGLGRCKNNFYCTFYSE\*S\*AGILTSIVSDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2011.KF526201.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISHGRKKRRQRRRASQGSKADQAHLSKQ\*VIHVMNSLQIATIVALVVAAIIAIIVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDEEALSALVERGHLAPWDVDDL\*\*GRKLVGHSLLWGTCVERSNNHSILCIRC\*RI\*NRGT\*CLGHTCLCTHRPQPTRNSIRKCDRKF\*HVEKSHGRTDA\*RYNQFMGSKPKALCKINPTLCHFKMRECYSEYYSGECDCEP\*CH\*QHGRRNNKLLFQYYHKYKR\*GAETICSLL\*T\*CSTN\*G\*\*\*\*\*KL\*IDKL\*YLSHYTGLSKGIL\*TNSHTLLYPCWFCDSKV\*\*\*EVQWNRTMYKCQHSAMYTWN\*ASSVNSTAIKWQSSRRRDNN\*I\*KFHKQC\*NHNSTAEPICSN\*LYKTWQQYKKKYNYRTRKSILCNRRHNRGYKKGIL\*H\*\*KKLE\*HFKTGSYEIKRTIWE\*NNKLSAILRRGPRNYNA\*F\*LWRRIFLL\*YNITV\*\*YLE\*YLD\*QHLEWY\*R\*NYHTPMQNKTNCKQVAGSRKSNVCPSHQRTN\*MFLKYYRAAINKRWW\*Y\*\*HKQ\*DLQTWRRRYEGQLEK\*II\*I\*SGTN\*TIRSSTHQGKEKSGAERKKSSDTRSYVPWVLGSSRKHYGRSITNADGTGQTIIVWYSATAKQFAESY\*GATASVATHGLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKANLHH\*CALEH\*LE\*\*IPR\*DLE\*HDLDGMGKRN\*\*LHRPNIQLN\*TIAEPARKE\*TRLIGVG\*LGKSVELV\*HIKMAVVYKNIHNDSRGLGRCKNNFYCTFYSE\*S\*AGILTSIVSDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2011.KF526202.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISHGRKKRRQRRRASQGSKTDQAHLSKQ\*VVHVMNSLYIAAIVALVVAAILAIIVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDEEALSALVERGHLAPWDVDDL\*WGRKLVGHSLLWGTCVERSNNHSILCIRC\*RI\*NRGT\*CLGHTCLCAHRPQPTRNSIGKCDRKF\*HVEKSHGRTDA\*RYNQFMGSKPKALCKINPTLCHFKMRECYSE\*YSGECDCGP\*\*QHGTRNNKLLFQYYHKYKR\*GAETICSLL\*T\*CSTN\*G\*\*\*\*\*K\*\*\*\*\*KL\*IDKL\*YLSHYTGLSKGIL\*ANSHTLLYPCWFCDSKV\*\*\*EVQWNRTMYKCQHSAMYTWN\*ASSVHSTAVKWQSSRRRDNN\*I\*KFHKQCKNHNSTAEPICSN\*LYQTWQQYKKKYTYRTRKSILCNRRHNRRYKKGIL\*H\*\*RKLE\*HFKTGSYEIKRTIWE\*\*NNKLSAILRRGPRNYNAQF\*LWRRIFLL\*YNKAV\*\*YLE\*QQHLE\*Y\*R\*NYHTPMQNKTNCKQVAGSRKSNICPSHQRTN\*MFLKYYRAAINKRWWYC\*\*HKQYRDLQTWRRRYEGQLEK\*II\*I\*SGAN\*TIRSSTHHGKEKSGAERKKSSDTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSAAAKQFAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKANLHH\*CALEH\*LE\*\*IPR\*DLE\*HDLDGMGKRN\*\*LHRPNIQLN\*TIAEPARKE\*TRLIGIG\*LGKSVELV\*HIKMAVVYKNIHNDSRGLDRCKNNFYCTFHSE\*S\*AGILTSIVSDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2011.KF526203.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISHGRKKRRQRRRASQGSKTDQAHLSKQ\*VVHVMNSLYIAAIVALVVAAILAIIVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDEEALSALVERGHLAPWDVDDL\*WGRKLVGHSLLWGTCVERSNNHSILCIRC\*RI\*NRGT\*CLGHTCLCAHRPQPTRNSIGKCDRKF\*HVEKSHGRTDA\*RYNQFMGSKPKALCKINPTLCHFKMRECYSE\*YSGECDCGP\*\*QHGTRNNKLLFQYYHKYKR\*GAETICSLL\*T\*CSTN\*G\*\*\*\*\*K\*\*\*\*\*KL\*IDKL\*YLSHYTGLSKGIL\*ANSHTLLYPCWFCDSKV\*\*\*EVQWNRTMYKCQHSAMYTWN\*ASSVHSTAVKWQSSRRRDNN\*I\*KFHKQCKNHNSTAEPICSN\*LYQTWQQYKKKYTYRTRKSILCNRRHNRRYKKGIL\*H\*\*RKLE\*HFKTGSYEIKRTIWE\*\*NNKLSAILRRGPRNYNAQF\*LWRRIFLL\*YNKAV\*\*YLE\*QQHLE\*Y\*R\*NYHTPMQNKTNCKQVAGSRKSNICPSHQRTN\*MFLKYYRAAINKRWWYC\*\*HKQYRDLQTWRRRYEGQLEK\*II\*I\*SGAN\*TIRSSTHHGKEKSGAERKKSSDTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSAAAKQFAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKANLHH\*CALEH\*LE\*\*IPR\*DLE\*HDLDGMGKRN\*\*LHRPNIQLN\*TIAEPARKE\*TRLIGIG\*LGKSVELV\*HIKMAVVYKNIHNDSRGLDRCKNNFYCTFHSE\*S\*AGILTSIVSDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2011.KF526204.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISHGRKKRRQRRRASQGSKTDQAHLSKQ\*VVHVMNSLYIAAIVALVVAAILAIIVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDEEALSALVERGHLAPWDVDDL\*WGRKLVGHSLLWGTCVERSNNHSILCIRC\*RI\*NRGT\*CLGHTCLCAHRPQPTRNSIGKCDRKF\*HVEKSHGRTDA\*RYNQFMGSKPKALCKINPTLCHFKMRECYSE\*YSGECDCGP\*\*QHGTRNNKLLFQYYHKYKR\*GAETICSLL\*T\*CSTN\*G\*\*\*\*\*K\*\*\*\*\*KL\*INKL\*YLSHYTGLSKGIL\*ANSHTLLYPCWFCDSKV\*\*\*EVQWNRTMYKCQHSAMYTWN\*ASSVHSTAVKWQSSRRRDNN\*I\*KFHKQCKNHNSTAEPICSN\*LYQTWQQYKKKYTYRTRKSILCNRRHNRRYKKGIL\*H\*\*RKLE\*HFKTGSYEIKRTIWE\*\*NNKLSAILRRGPRNYNAQF\*LWRRIFLL\*YNKAV\*\*YLE\*QQHLE\*Y\*R\*NYHTPMQNKTNCKQVAGSRKSNICPSHQRTN\*MFLKYYRAAINKRWWYC\*\*HKQYRDLQTWRRRYEGQLEK\*II\*I\*SGAN\*TIRSSTHHGKEKSGAERKKSSDTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSAAAKQFAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKANLHH\*CALEH\*LE\*\*IPR\*DLE\*HDLDGMGKRN\*\*LHRPNIQLN\*TIAEPARKE\*TRLIGIG\*LGKSVELV\*HIKMAVVYKNIHNDSRGLDRCKNNFYCTFHSE\*S\*AGILTSIVSDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2011.KF526228.-

MEPVDPRLEPWKHPGSQPRTPCTACFCKKCCYHCQVCFITKGLGISYGRKKRRQRRRTPQNSQTHQVSLSKQ\*VVHVMQPLHILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRIINRIIERAEDSGNESDGDQEELSALVERGHLAPWDVNDDL\*CRTIVGHSLLWGTCVERSKYHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSLKKCDRKF\*HVEK\*HGRTDA\*GCN\*FMGSKLKAMCKINPSLCYLKLH\*CYED\*\*YHT\*WQWHDRKGRNKKLLFQCHCKHKK\*DKERICIFL\*AGCNTIRRRNRRRK\*D\*QLYYLYVKKL\*YLSHYTGLSKGIL\*TNSHTFLCPGWFCDYKM\*G\*GFQWNRAMYKCQYSTVYTWN\*TSSINSTAVKWQSSRKRYSN\*ILQPLGQY\*KHNNTAERLCKHDLYKTPKQYKKRYTYRTRQSILYNRRNNRRYKTSTL\*H\*\*RTLE\*HFGKDSCEIKRKI\*\*\*HNNL\*SICRRGPRNCNVQF\*LWRGILLL\*YNTTV\*QYLEFTTT\*\*ELDRK\*HNHTPMQNKTIYKHVAGSRKSNVCPSHQRNN\*MCIKYYRNDINKRWWYW\*HHRGERNRDL\*TRRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVTNADGTSQTIIVWYSATAEQSAEGY\*GATASVATHCLGHQTAPGKSPGSGKIPKGSTAPGDLGLLWKTHLHHYSALEY\*LE\*\*IS\*LHLGKYDLDAVGKRN\*ELHRLNIHLN\*RLAKPARKE\*TRLIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFCSE\*S\*AGILTIIVPDPPPSQEGTRQARRNRRRRWRERQRQIRTI

>B.2011.KF526231.-

MEPVDPRLEPWKHPGSQPRTPCTACFCKKCCYHCQVCFITKGLGISYGRKKRRQRRRTPQNSQTHQVSLSKQ\*VVHVMQPLHILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRIINRIIERAEDSGNESDGDQEELSALVERGHLAP\*DVNDDL\*CRTIVGHSLL\*GTCVERSKYHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSRIKKCDRKF\*HVEK\*HGRTDA\*GCN\*FIGSKLKAMCKINPNLCYFKLH\*C\*GD\*\*YHA\*WQ\*HDRGRRNKKLLFQCHYKYKR\*DEERICIFL\*A\*CNTIRRRK\*D\*QLYYLYVKKL\*HLSHYTGLSKGIL\*TNSHTFLCPGWFCDYKM\*G\*GFQWNRAMYKCQYSTMYTWN\*TSSINSTAVKWQSSRKRYSN\*ILQPLGQY\*KHNNTAERLCKHDLYKTPKQYKKRYTYRTRQSILYNRRNNKRYKTSTL\*P\*\*STLE\*HFGKDSCEIKRKI\*\*\*HNNL\*SICRRGPRNCNVQF\*LWKGILLL\*YNTTV\*QYLEFTTT\*\*\*LDRK\*HNHTTMQNKTIYKHVAGSKKSNVCPSHQRNN\*MYIKYYRDDINKRWWYW\*HHRGEQNRDL\*TRKRRYEGQLEK\*TI\*I\*SSKD\*TIRNSTHQGKEKSGAERKKSSKNKSCVP\*VLRSSRKHYRRSVNNADGTSQTIIV\*YSATAEQSAEGY\*GATASVATHCLGHQAAPGKSPGSGKIPKGSTAPKDLRLLWKTHLHHYGALEY\*LE\*\*IS\*LHLEQYDLDAVGKRN\*ELHRLNIHLN\*RLAKPARKE\*TRIIGIR\*MGKFVELV\*HIKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVPDPPPSQEGTRQARRNRRRRWRERQRQIQTI

>B.2011.KF526236.-

MEPVDPRLEPWKHPGSQPRTPCTTCFCKKCCYHCQVCFITKGLGISYGRKKRRQRRRTPQNSQTHQVSLSKQ\*VVHVMQPLHILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRIINRIIERAEDSGNESDGDQEELSALVERGHLAPWDVNDDL\*CRTIVGHSLLWGTCVERSKYHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSVLRKCDRKF\*HVEK\*HGRTDA\*GCN\*FMGSKLKAMCKINPSLCYFKLH\*CYED\*\*YHT\*WQWHDRKGRNKKLLFQCHCKHKK\*DKERICIFL\*AGCNTIRRRNRRRK\*D\*QLYYLYVKKL\*YLSHYTGLSKGIL\*TNSHTFLCPGWFCDYKM\*G\*GFQWNRAMYKCQYSTMYTWN\*TSSINSTAVKWQSSRRRDSN\*ILQLLGQY\*KHNSTAERPCKHDLYKTPKQYKKRYTYRTRQSILYNRRNNRRCKTSTL\*H\*\*RTLE\*HFGKDSCEIKRKI\*\*\*HNNL\*SICRRGPRNCNVQF\*LWRGILLL\*YNTTV\*QYLEFTTT\*\*ELDRK\*HNHTPMQNKTIYKHVAGSRKSNVCPSHQRNN\*MYIKYYRDDINKRWWYW\*HHRGERNRDL\*TRRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSATAEQSAEGY\*GATASVATHCLGHQAAPGKSPGSGKIPKGSTAPGDLGLLWKTHLHHYSALEC\*LE\*\*IS\*LHLGQYDLDAVGKRN\*ELHRLNIHLN\*RLAKPARKE\*TRLIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFFCTFCSE\*S\*AGILTIIVPDPPPSQEGTRQARRNRRRRWRERQRQIRTI

>B.2011.KF526245.-

MEPVDPRLEPWKHPGSQPRTPCTACFCKKCCYHCQVCFITKGLGISYGRKKRRQRRRTPQNSQTHQVSLSKQ\*VVHVMQPLQILAIVSLVVVAIIAIVVWSIVFIEYRKILRQRKIDRIINRIIERAEDSGNESDGDQEELSALVERGHLAPWDVNDDL\*CRTIVGHSLLWGTCVERSKYHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSRLRKCDRKF\*HVEK\*HGRTDA\*GCN\*FMGSKLKAMCKINPNLCYFKLH\*C\*GD\*\*DHN\*WHWRDRGGRNKKLLFQCHYKHKK\*DEERICIFL\*T\*CNTIRRRK\*E\*Q\*LYYLYVKKL\*HLSHYTGLSKGIL\*TNSHTFLCPGWFCDYKM\*G\*RFQWNRAMYKCQYSTMYTWN\*TSSINSTAVKWQSSRRRYSN\*ILQPLGQY\*KHNSTAERLCKHDLYKTPKQYKKRYTYRTRQSILYNRRNNRRYKTSTL\*H\*\*SKLD\*HFEKDSCEIKRKI\*\*\*HNNL\*SICRRGPRNCNVQF\*LWRGILLL\*YNTTV\*QYLEFITT\*\*\*\*DRK\*HNHAPMQNKTIYKHVAGSRKSNVCPSHQRNN\*MCIKYYRDDINKRWW\*HHRGEQNRDL\*TRRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSATAEQSAEGY\*GATASVATHCLGHQAAPGKSPGSGKIPKGSTAPGDLGLLWKTHLHHYGALEY\*LE\*\*IS\*LHLGQYDLDAVGKRN\*ELHRPNIHLN\*RLAKPARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVPDPPPSQEGTRQARRNRRRRWRERQRQIRTI

>B.2011.KF526254.-

MEPVDPRLEPWKHPGSQPRTPCTACFCKKCCYHCQVCFITKGLGISYGRKKRRQRRRTPQNSQTHQVSLSKQ\*VVHVMQPLHILAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRIINRIIERAEDSGNESDGDQEELSALVERGHLAP\*DVNDDL\*CRTIVGHSLL\*GTCVERSKYHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSRIKKCDRKF\*HVEK\*HGRTDA\*GCN\*FIGSKLKAMCKINPNLCYFKLH\*C\*GD\*\*YHA\*WQ\*HDRGRRNKKLLFQCHYKYKR\*DEERICIFL\*A\*CNTIRRRK\*D\*QLYYLYVKKL\*HLSHYTGLSKGIL\*TNSHTFLCPGWFCDYKM\*G\*GFQWNRAMYKCQYSTMYTWN\*TSSINSTAVKWQSSRKRYSN\*ILQPLGQY\*KHNNTAERLCKHDLYKTPKQYKKRYTYRTRQSILYNRRNNKRYKTSTL\*P\*\*STLE\*HFGKDSCEIKRKI\*\*\*HNNL\*SICRRGPRNCNVQF\*LWKGILLL\*YNTTV\*QYLEFTTT\*\*\*LDRK\*HNHTTMQNKTIYKHVAGSKKSNVCPSHQRNN\*MYIKYYRDDINKRWWYW\*HHRGEQNRDL\*TRKRRYEGQLEK\*TI\*I\*SSKD\*TIRNSTHQGKEKSGAERKKSSKNKSCVP\*VLRSSRKHYRRSVNNADGTSQTIIV\*YSATAEQSAEGY\*GATASVATHCLGHQAAPGKSPGSGKIPKGSTAPKDLRLLWKTHLHHYGALEY\*LE\*\*IS\*LHLEQYDLDAVGKRN\*ELHRLNIHLN\*RLAKPARKE\*TRIIGIR\*MGKFVELV\*HIKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVPDPPPSQEGTRQARRNRRRRWRERQRQIQTI

>B.2011.KF526255.-

MEPVDPRLEPWKHPGSQPRTPCTACFCKKCCYHCQVCFITKGLGISYGRKKRRQRRRTPQNSQTHQVSLSKQ\*VVHVMQPLHILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRIINRIIERAEDSGNESDGDQEELSALVERGHLAPWDVNDDL\*CRTIVGHSLLWGTCVERSKYHSILCIRC\*SIQYRDA\*CLGHTCLCTHRPQPTRSRLRKCDRKF\*HVEK\*HGRTDA\*GCN\*FMGSKLKAMCKINPSLCYLKLH\*CYED\*\*YHT\*WQWHDRGGRNKKLLFQCHCKHKR\*DEERICIFL\*T\*CNTIRRRK\*D\*QLYYLYVKKL\*HLSHYTGLSKGILRTNSHTFLCPGWFCDYKM\*G\*GFQWNRAMYKCQYSTMHTWN\*TSSINSTAVKWQSSRRRDSN\*ILQPLGQY\*KHNSTAERSCKHDLYKTPK\*YKKRYTYRTRQSILYNRRNNRRYKTSTL\*P\*\*STLE\*HFGKDSCEIKRKI\*\*\*HNNL\*SICRRGPRNCNVQF\*LWRGILLL\*YNTTV\*QYLEFTTT\*\*\*LDRK\*HNHTPMQNKTIYKHVAGSRKSNVCPSHQRNN\*MYIKYYRDDINKRWWYC\*HHRGEQNRDL\*TRRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSATAEQSAEGY\*GATASVATHCLGHQTAPGKSPGSGKIPKGSTAPGDLGLLWKTHLHHYGALEY\*LE\*\*IS\*LHLGQYDLDAVGKRN\*ELHRLNIHLN\*RLAKPARKE\*TRIIGIR\*MGKFVELV\*HIRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVPDPPPSQEGTRQARRNRRRRWRERQRQIRTI

>B.2011.KF526261.-

MEPVDPRLDPWKHPGSQPRTPCTSCFCKKCCYHCQVCFITKGLGISYGRKKRKQRRRTPQDSKNHQVPLSKQ\*VVHVMQPIQIAAIAALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESDGDQEGLSALVEMGHHAPWDVNDL\*CYRRSVGHSILWGTCVERSNHHSILRFRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*AEAECY\*AEN\*CHECYYHE\*\*GGRNEKLLFQYHHKPKR\*DAERICTSL\*T\*YSTNRR\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAIKWQSSRRRGSN\*IRQSHGQC\*NHNSTAE\*LCRNKLYKTQQQYKQKYTYRTRQSISYNRKNNRRYKTSTL\*P\*WSTME\*HFKRGSYKIKRTL\*QNNSL\*SILRRGPRSCSAQF\*LWRGIFLLQFITIV\*\*YLEWY\*VWE\*YWE\*Y\*DHTPMQNKTNYKHVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWW\*ERV\*H\*DFQTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSNGTRSFVPWVLGSSRKHYGRSVNNADGTGQTTIVWYSATAEQFAESY\*GAPAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGLLWKTHLHHYCALE\*\*LE\*\*\*ISG\*YLE\*HDLDAVGTRN\*\*LHRLNIQLT\*KITEPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFHCTFYSE\*S\*AGILTIIVPDPPPRLEGTRQARRNRRRRWRERQRQIQSL

>B.2011.KF526265.-

MEPVDPRLDPWKHPGSQPRTPCTPCFCKKCCYHCQVCFITKGLGISYGRKKRKQRRRTPQDSKNHQVPLSKQ\*VVHVMQPIQIAAIAALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESDGDQEELSALVEMGHHAPWDVNDL\*CYRRIVGHSILWGTCVERSNHHSILRFRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*AEAEYY\*AEYYYQDYSYPE\*\*RGRNEKLLFQYHHKHKR\*DAERICTSL\*T\*YSTNRR\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAIKWQSSRRRGSN\*ICQSHGQC\*NHNSTAK\*VCRNKLYKTQQQYKQKYTYRTRQSISYNRKNNRRYKTSTL\*P\*\*STME\*HFKRGSYKIKRTL\*QNNSL\*SILRRGPRSCSAQF\*LWRGIFLLQFITIV\*\*YLEWY\*VLE\*YWA\*H\*HHTPMQN\*TNYKHVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWWWEQERD\*D\*DFQTCRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSNGTRSFVHWVLGSSRKHYGRSVNNADGTGQTTIVWYSATAEQFAESY\*GAPTYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGLLWKTHLHHYCALE\*\*LE\*\*\*ISG\*YLE\*HDLDAVGTRN\*\*LHRLNIQLT\*KIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFHCTFYSE\*S\*AGILTIIVPDPPPRLEGTRQARRNRRRRWRERQRQIQSL

>B.2011.KF526270.-

MEPVDPRLEPWKHPGSQPRTPCTSCFCKKCCYHCQVCFITKGLGISYGRKKRKQRRRTPQDSKNHQVPLSKQ\*VVHVMQPIQIAAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESDGDQEELSALVEMGHHAPWDVNDL\*CYRRSVGHSILWGTCVERSNHHSILRFRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*AEAECY\*AEN\*CHECYSHE\*\*GGRNEKLLFQYHHKPKR\*DAKRICTSL\*T\*YSTNRR\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAIKWQPSRRRGSN\*ICQSHGQC\*NHNSTAE\*LCRNKLYKTQ\*QYKQKYTYRTR\*SISYNRKNNRKYKTRTL\*H\*WSTME\*HFKRGSYKIKRTL\*QNNSL\*SILRRGPRSCSAQF\*LWRGIFLLQFITIV\*\*YLEWY\*VLE\*YWE\*Y\*DHTPMQNKTNYKHVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWWWERERD\*HRDF\*TWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSNGTRSFVHWVLGSSRKHYGRSVNNADGTGQTTIVWYSATAEQFAESY\*GAPAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGSLGLLWKTHLHHYCALE\*\*LE\*\*\*ISG\*YLE\*HDLDAVGTRN\*\*LHRLNIHLT\*KIAKPTRKE\*TRIIRTR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFHCTFYSE\*S\*AGILTIIVPDPPPRPEGTRQARRNRRRRWRERQRQIQSL

>B.2011.KF526276.-

MEPVDPRLDPWKHPGSQPRTPCTSCFCKKCCYHCQVCFITKGLGISYGRKKRKQRRRTPQDSKNHQVPLSKQ\*VVHVMQPIQIAAIAALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESDGDQEELSALVEMGHHAPWDVNDL\*CYRRSVGHSILWGTCVERSNHHSILRFRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*AEAECY\*E\*Y\*CHECYYHE\*\*GGRNEKLLFQYHHKHKR\*DAERICTSL\*T\*YSTNRR\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAIKWQPSRRRGSN\*ICQSHGQC\*NHNSTAE\*LCRNKLYKTQQQYKQKYTYRTRQSISYNRKNNRRYKTSTL\*P\*\*STME\*HFKRGSYKIKRTL\*QNNSL\*SILRRGPRSCSAQF\*LWRGIFLLQFNTIV\*\*YLEWY\*VLE\*YWE\*Y\*DHTPMQNKTNYKHVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWWWERERDCD\*DFQTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSNGTRSFVHWVLGSSRKHYGRSVNNADGTGQTTIVWYSATAEQFAESY\*GAPAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGLLWKTHLHHYCALE\*\*LE\*\*\*ISG\*YLE\*HDLDAVGTRN\*\*LHRLNIQLT\*KIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVHKNIHNDSRRLGRFKNSFHCTFYSE\*S\*AGILTIIVPDPPPRPEGTRQARRNRRRRWRERQRQIQSL

>B.2011.KF526279.-

MEPVDPRLDPWKHPGSQPRTPCTSCFCKKCCYHCQVCFITKGLGISYGRKKRKQRRRTPQDSKNHQVPLSKQ\*VVHVMQPIQIAAIAALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESDGDQEELSALVEMGHHAPWDVNDL\*CYRRSVGHSILWGTCVERSNHHSILRFRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*AEAECY\*E\*Y\*CHECYYHE\*\*GGRNEKLLFQYHHKHKR\*DAERICTSL\*T\*YSTNRR\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAIKWQPSRRRGSN\*ICQSHGQC\*NHNSTAE\*LCRNKLYKTQQQYKQKYTYRTRQSISYNRKNNRRYKTSTL\*P\*\*STME\*HFKRGSYKIKRTL\*QNNSL\*SILRRGPRSCSAQF\*LWRGIFLLQFNTIV\*\*YLEWY\*VLE\*YWE\*Y\*DHTPMQNKTNYKHVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWWWERERDCD\*DFQTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSNGTRSFVHWVLGSSRKHYGRSVNNADGTGQTTIVWYSATAEQFAESY\*GAPAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGLLWKTHLHHYCALE\*\*LE\*\*\*ISG\*YLE\*HDLDAVGTRN\*\*LHRLNIQLT\*KIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVHKNIHNDSRRLGRFKNSFHCTFYSE\*S\*AGILTIIVPDPPPRPEGTRQARRNRRRRWRERQRQIQSL

>B.2011.KF526280.-

MEPVDPRLDPWKHPGSQPRTPCTSCFCKKCCYHCQVCFITKGLGISYGRKKRKQRRRTPQDSKNHQVPLSKQ\*VVHVMQPIQIAAIAALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESDGDQEELSALVEMGHHAPWDVNDL\*CYRRSVGHSILWGTCVERSNHHSILRFRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*AEAECY\*E\*Y\*CHECYYHE\*\*GGRNEKLLFQYHHKHKR\*DAERICTSL\*T\*YSTNRR\*\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAIKWQPSRRRGSN\*ICQSHGQC\*NHNSTAE\*LCRNKLYKTQQQYKQKYTYRTRQSISYNRKNNRRYKTSTL\*P\*\*STME\*HFKRGSYKIKRTL\*QNNSL\*SILRRGPRSCSAQF\*LWRGIFLLQFNTIV\*\*YLEWY\*VLE\*YWE\*Y\*DHTPMQNKTNYKHVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWWWERERDCD\*DFQTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSNGTRSFVHWVLGSSRKHYGRSVNNADGTGQTTIVWYSATAEQFAESY\*GAPAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGLLWKTHLHHYCALE\*\*LE\*\*\*ISG\*YLE\*HDLDAVGTRN\*\*LHRLNIQLT\*KIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVHKNIHNDSRRLGRFKNSFHCTFYSE\*S\*AGILTIIVPDPPPRPEGTRQARRNRRRRWRERQRQIQSL

>B.2011.KF526287.-

MEPVDPRLEPWKHPGSQPRTPCTSCFCKKCCYHCQVCFITKGLGISYGRKKRKQRRRTPQDSKNHQVPLSKQ\*VVHVMQPIQIAAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESDGDQEELSALVEMGHHAPWDVNDL\*CYRRIVGHSILWGTCVERSNHHSILRFRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*AECYD\*AEC\*YHKC\*YHE\*\*GGRNEKLLFQYHHKPKR\*DAERICTSL\*T\*YSTNRR\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAIKWQSSRRRGSN\*IRQSHGQC\*NHNSTAE\*ICRNKLYKTQQQYKQKYTYRTRQSISYNRKNNRKYKTSTL\*P\*\*STMEYHFKRGSYKIKRTI\*\*QNNSL\*SILRRGPRNCSAQF\*LWRGIFLLQFNTIV\*\*YLEWY\*VLE\*YLEWY\*DNDHTPMQNKTNYKHVAGSRKSNVCPSHRRAN\*LFIKYYRAAINKRWW\*EQERD\*DFQTWRRRYEGQLEK\*II\*I\*SSKT\*TIRNSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQTTIVWYSATAEQFAEGY\*GAPAYVATHSLGHQAAPGESPGCRKIPKGSTAPGNLGLLWKTHLHHYCALE\*\*LE\*\*\*ISG\*YLE\*HDLDAVGTRN\*\*LHRLNIQLT\*RIAEPTRKE\*KGIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFHCTFYSE\*S\*AGILTIIVPDPPPRPEGTRQARRNRRRRWRERQRQIQSL

>B.2011.KF526298.-

MEPVDPRLEPWKHPGSQPRTPCTSCYCKKCCYHCQVCFITKGLGISYGRKKRGQRRRPPQDSKIHQVPLPKQ\*VVHVMQPLHIAAIVALVIAAILAIVVWSIVFIEYRKIVRQRKIDRLIERIIERAEDSGNESDGDQEELSALVEMGRLAHWDIDDQ\*CYRTIVGHSLLWGTCVERSHHHSILCIRC\*SI\*\*RST\*CVGHTCLCTHRS\*PTRGSIEKCDRSL\*HVEK\*HGRPDA\*GHNQFMGSKSKAMCRANPTLCYFKLH\*LEKCC\*YQ\*CYYCCYHYCC\*YQY\*\*RDNDGERRNKKLLFQYHHRQEG\*DEGRTRTFL\*T\*CSTNK\*\*\*\*Y\*L\*VNKL\*HLSH\*TGLSKGIL\*TNSHTLLCPGWFCDSKM\*\*\*KV\*GKRRM\*KCQHSTMYTWN\*TSSINSTTVKWQSGRRWSSS\*I\*\*FLEQC\*KHNSTAEGTCRN\*LYKAQQQYKKEYTYRTREKILCNKNNRRYKTSTL\*P\*\*YKME\*HFKRDS\*KIRRKV\*\*NHSL\*WTLRRGPRNCNAHF\*LWRRIFLL\*CNKTV\*FYVE\*\*YLE\*Y\*SWGKCYYHTPMQDKTNYKHVAENRKSNVCPSHQWTNQLFIKYYRADINKRWGY\*\*HERDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTEQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIAVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEC\*LE\*\*NCG\*HLG\*HDLDAVGERN\*QLHRLNIRLT\*RVAEPTRKE\*TRIIGIR\*MGKFVELV\*YNKMAVVYKDIHNDSRRPGRFKNSFHCTFYSK\*S\*AGILTIVVSDPLPSPEGTRQARRNRRRRWRKKQRYIRLL

>B.2011.KF526312.-

MEPVDPRLEPWKHPGSQPRTPCTSCYCKKCCYHCQVCFITKGLGISYGRKKRGQRRRSPQDSEIHQVPLSKQ\*VVHVMQSLQIAAIVALVIAAILAIVVWSIVLIEYRKIVRQRKIDRLIERIIERAEDSGNESDGDQEELSALVEMGHLAPWDIDDQ\*CYRTIVGHSLLWGTCVERSHHHSILCIRC\*SI\*\*RGT\*CVGHTCLCTHRSEPTRGSIEKCDRSL\*HVEK\*HGRPDA\*GHNQFMGSKSKAMCRANPTLCYFKLH\*LEK\*Y\*YQ\*CYYCCYHYCC\*YQY\*\*RDNDGEGRNKKLLFQYHHRQEG\*DEGRIRTFL\*T\*CSTNK\*\*\*\*Y\*L\*VNKL\*HLSH\*TGLSKGIL\*TNSHTLLCPGWFCDSKM\*\*\*KV\*GKRRM\*KCQHSTMYTWN\*TSSINSTTVKWQSGRRWSSS\*I\*\*FLEQC\*KHNSTAERTCRN\*LYKAQQQYKKGYTYRTRESSLCNKKNNRRYKTSTL\*P\*\*YKME\*RFKRDS\*KIRRKV\*\*NHSL\*WTLRRGPRNCNAHF\*LWRRIFLL\*CNKTV\*FYVE\*\*YLE\*\*\*SWGKCYHHTPMQDKTNYKHVAENRKSNVCPSHQWTN\*LFIKYYRADINKRWGY\*\*HERDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTQQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSNADGTGQTIAVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CTLEC\*LE\*\*NYE\*HLG\*HDLDAVGERN\*QLHRLNIRLT\*RIAEPTRKE\*TRIIGIR\*MGKFVELV\*YNKMAVVYKDIHNDSRRPGRFKNSFHCTFYSK\*S\*AGILTIVVSDPLPSPEGTRQARRNRRRRWRKKQRYIRLL

>B.2011.KF526318.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGIYYGRKKRRQRRRTPPDSQTHQVSLSEQ\*VVHVMILLQVVAIVALVVAAILAIVVWTIVGIQYRRILRQRKIDRIINRIIERAEDSGNESEGDQEALMEMGYDAPWDVDDL\*CCRQLVGHSLLWGTCVERSNHHFILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYSKLH\*\*LNKE\*YYNYK\*\*SHRVWRNKKLLFQCHHRHRK\*VSERICTFL\*T\*CSINRG\*\*\*\*L\*\*L\*IDKL\*YLSHYTGLSKSIL\*TNSHTLLCPGWFCNSKM\*\*\*EVQWNRTM\*KCQHSTMYTWN\*TSSVNSTAVKWQSSRRRGND\*I\*KFYKQC\*NLNSTAKYICRNYLCKTQQQHKKKHPHGTRESILYRRNNRRYKTSTL\*PY\*RKLD\*HFKSDSCKIKRTIWE\*DNSL\*\*FLRRGPRNCNAQF\*LWRGILLL\*YNTTV\*\*YLE\*YWGLE\*YRGQ\*HDHTPMQNKTNCKHVAGSRQSNVCPSHQRTN\*LFNKYHRAAINTRWWK\*\*YKQHRGLQTWRRRYEGQLEK\*II\*I\*SNKS\*TIRNSTHQGKEKSGAKRKESSGNIRSYVPWVLGSSRKHYGRSVIDADGTGQTIVVWYSAAAKQLAESY\*GATAPVATHGLGHQTVPGKTPGCGKIPTGSTAPRDLGLLWKTHLPHCCALEQNLE\*\*ISRRDLG\*HDLDAVE\*RS\*QLHKHNILLT\*RIAEPARKE\*ARLIRIG\*MGKFVELV\*HNTMAVVYKNIHNDSRWLDRFKNSVCCTFYNK\*G\*AGILTFIVTDPPPSPTGTRQARRNRRRRWRERQRQITAI

>B.2011.KF526323.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPPDSQTHQVSLPKQ\*VIYVMQSLYIWSIVALVVAGILAIVVWSIVFIEYRKILRERRIDRLLARISERAEDSGNESDGDQEELSGLVERGHLAPWDVDDL\*C\*\*SIVGHSLLWGTCVERSNHYSILCIRC\*SI\*HRET\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKMHQ\*CYCYW\*YH\*\*\*CHWEYHWEYAGRIGRTKKLLFQCHHRNKRSGNKRICTVL\*T\*CNANKRG\*YKLYLDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWVCDSKV\*R\*KFQWIWTMYKCQHSTMHTWN\*TSSVNSPAIKWQSSRR\*GSN\*V\*KFHKQC\*NHNSTSE\*NCSN\*LYKN\*QLYK\*RFKYRTRESICCSKTNNRRYKTSTL\*Y\*\*SRME\*NFRKGS\*KIKRTICQ\*NNNLYSTLRRGPRNYNAYF\*LWRGIFLL\*YIKII\*\*YLE\*D\*YLE\*DGKR\*\*YHTPM\*NKTNYKQMAGTRKSNVCPSHRRTN\*MFIKYYRAAINKRWW\*QGQ\*W\*QHRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGSTRSYVPWVLGNSRKHYGRSVSDADGTGQAINGWYSATAEQSAESY\*CATATVATHGLGHQTAPGKTPGCGKIPKGSTAPRDLGLLWKTHLPHFCALEC\*LE\*\*NL\*GHLG\*HDLDTMGERN\*QLHRLNIQLT\*SIANPTRKE\*TRIIRIG\*VGKFVELVQHIKLAVVYKNIHNDSRWLDRFKNSVCCTFYNK\*G\*AGILTLIVTDPPPSSTGTRQARRNRRRRWRERQRQITAI

>B.2012.KF561440.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKRCCLHCQVCFLTKGLGIYYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIYVMQFFDIGVIVALVVAAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCNRRIVGHSLLWGTCVERSNHHPILCIRC\*SI\*NRGA\*CLGHTCLCTHRPQPTRSRIAKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFEL\*\*CKEY\*YQ\*YYGESNGGRRNEKLLFQCYHEDSKYGE\*\*T\*CI\*CS\*YSSYR\*\*\*YYKLYIETL\*HLSHNTGLSKGIL\*TNSHTLLCPGWFCDSTV\*RQGVQWNRTMYKCQYSTVYTWN\*ASSINSTAVKWQSSRRRNGN\*I\*KFHEQC\*NHNSTAEHICRN\*LYKTQQQYKKKYTYRTRESILCNRRYNRRYKTSTL\*H\*\*SNMERHFKTASYKIKRTT\*G\*YNNNIL\*\*FLRRGPRDCNAQL\*LWRGIFLL\*YNTTV\*\*YLAY\*\*Y\*KVK\*YCRK\*HNYPPMQNKTNYKQVAGSRKKNVCPSHHRTN\*LYINYYRAVINKRWGG\*GQQN\*\*DLQAWGRRYEGQLEK\*IV\*I\*SSRN\*AIRDSTHQGKETSGAERKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQASIVWYSATAE\*FAESY\*GATASVATHSLGHQTAPGKSPGCRKIPTGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*IS\*\*NLE\*HDLDGVG\*RN\*QLHTVDIQPA\*GITDPARKE\*AGIVEIGFMGKSVELVGHIKLAVVYKNIHNDSRRLGRFKNNSLCTFCSE\*S\*AGILTITVSDPPPKPEGTRQARRNRRRRWRRRQKWIQWI

>B.2012.KF561441.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKRCCLHCQVCFLTKGLGIYYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIYVMQSFDIGVIIALVVVAIIAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCNRRIVGHSLLWGTCVERSNHHPILCIRC\*SI\*NRDA\*CLGHTCLCTHRPQPTRSRLAKCDRKL\*HVEKQHGRTDA\*GYNQFMGSKPKAMCKNNSTLCCSKL\*\*CKE\*Y\*YQ\*\*YGESNGERRNEKLLFQCHHKHRK\*GEGSTCYF\*\*T\*CSPNR\*\*\*Y\*YYDRDTILQMLLLEHYTGLSNGIL\*TNSHTLLYPGWFCDSTV\*R\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRNSN\*I\*KFHEQC\*NHNSTAERICRN\*LYKTQQQYKEKYTYRTRESILCNRRYNRRYKTSTL\*H\*\*SNMEQHFKTASYKIKRTT\*R\*YNNNNL\*EFLRGGPRD\*STQL\*L\*RGIFLL\*YNTTV\*\*YLV\*\*\*Y\*KVI\*YCRK\*HNYPPMQNKTNYKKVAGGRKSKVCPSHHLPN\*MLFKYYRAVIGR\*WR\*GREG\*RE\*E\*DLQAWGRRYEGQLEK\*IV\*I\*SSRN\*TIKDSTHQGKENSGAERKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQASIVWYSATAE\*FAESY\*GATASVATHSLGHQTAPGKSPGCRKIPTGSTAPGDLGMLWEAHLHH\*CALEY\*LE\*\*IS\*\*NLE\*HDLDGVG\*RN\*QLHTGDIRPA\*GITDPARKE\*AGIIEIGFMGKSVEVVGHIKLAVVYTNIHDDGRRLGRFKNNSLCTFCSE\*S\*AGILTITVSDPPPKPEGTRQARRNRRRRWRRRQKWIQWI

>B.1991.KF561442.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIHVMQSLYIISIVALVVAAILAIVVWSIVFIEYKKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWCVEDE\*CC\*IVGHSLLWGTCVERSNHHPILCII\*\*SI\*HRGT\*CLGHTCLCTHRPPPTTSSIGKCYRKF\*HVEKSHGRTDA\*R\*NQFMGS\*PKAMCKINSTLCYFKL\*\*F\*A\*EQ\*\*\*\*WYYSYY\*Y\*\*W\*SEGGRRNEKLLFQCYHNHQK\*ARICSFL\*T\*CSTSR\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLYPGWFCDSTV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHGQC\*NHNSTAECICRN\*LYKTQQQYKEKYKYRTRENILCNRRHNRRYKTSTL\*H\*\*KKLGKHFKTANYKIKRTIWE\*NNSL\*SILRRGPRDCNAQF\*LWRGIFLL\*YNTTV\*\*YLE\*Y\*RVEYN\*RKYHTPMQNKTNYKQVARSRKSNVCPSHQRTN\*MFIKYYRAAINKRWGDWEQRDWEQRD\*DLQTWGRRYEGHLEK\*II\*I\*SSKN\*PFRDSTHQGKEKSGAERKKTSGNDRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*YLG\*HDLDGVGQRN\*QLHKLNIHLT\*RIAEPARKE\*TGIIGIG\*MGKLVELV\*HISMAVVYKNIHNDSRRLDRFKNNFFCTFYSK\*S\*AGILTITVSDPLPKPEGTRQARRNRRRRWRRRQRWIRSI

>B.1993.KF561443.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCLHCQVCFIQKGLGISYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIHVMQSLQIFTIVGLVVAAIIAIVVWSIVLIEYKKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*C\*\*NVGHSLLWGTCVERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSGIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYSEL\*\*FEE\*D\*YKECYQ\*\*\*WEGDGERRNEKLLFQCYHKHRK\*GAERICSFL\*T\*CSTNR\*YKLYIDKL\*LLNHYTGLSKDIL\*TDSHTLLYPGWFCDSTV\*\*\*EVQWIRTMFKCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*I\*KFHEQC\*NHNSTAERICRN\*LYKTQQQYKKKYTSRTREYNLCNRRHNRRYKASTL\*H\*\*NKMEQHFKTDSYKIKRTIWE\*NNNSL\*SILRRGPRDCNAQF\*LWRGIFLL\*YSTTV\*\*YLDLE\*Y\*RVK\*NCRKWHIYTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWGG\*EPQWD\*DLQTRGRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LK\*\*ISE\*NLG\*HDLDAVGQRN\*QLHKLNIHLT\*RIAEPARKE\*TGIIGIG\*MVKFVELV\*HI\*LAVVYKNIHNDSRRLDRFKNNFFGTFYSK\*S\*AGILTIIISDPLPKPEGTRQARRNRRRRWRKKQRWIRSI

>B.2009.KF716494.-

MDPVDPNLAPWKHPGSQPRTACNNCYCKKCCWHCQVCFLKKGLGISYGRKKRRPRRRAPDDNKDHQVSLSKQ\*VVNVMQPLVVLAIVALVLVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLEMGHDAPWNVDDL\*CCTRLVGHCPLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSNKCDRRF\*CMEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKL\*SCFKY\*\*\*SC\*\*\*\*KWDQ\*YLGTTK\*SSKLLFQCYHYHKR\*V\*KRICTFL\*T\*YSTNR\*\*G\*\*QQYYL\*VDKL\*YLSHYTGLSKDNI\*SNSYTLLCPGWFCDSKV\*\*\*EVQWKRTM\*KCQHSTMYTWN\*ASSVNSTIVKWQSSRRGSN\*I\*QFHGQC\*KHNSTAERDCRNYMYKTQQQYKKRYTYRTRKSVLCNRRHNRRYKTSTL\*H\*\*RKMEENFTKGS\*KIRRTI\*K\*NKHSL\*ALLRRGPRNCNAQF\*L\*RGIFLL\*YNRTI\*\*YLED\*E\*YWEYY\*TGK\*HCKK\*HNHTPMQNKANYKPVAGSRKSNVCPSH\*GTN\*LYIKYHRANTNKGWWQ\*Q\*H\*\*DRDLQTWRRKYEGQLEK\*II\*I\*SSTN\*TNRTSTHQGKEKSGAERKKSTGNRSCVPWVLGSSRKHYGRSVADADGTGQAITVWYSATAEQFAESY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLLWETHLHHCCALEY\*LE\*\*KSESNLG\*HDLDAMGERN\*QLHRNNI\*LT\*RIAEPTRKE\*TRIVGIG\*VGKFVDLV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIKAT

>B.2009.KF716495.-

MEPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRPPQNSETHQDPLSKQ\*VVPVMQPLIILGIVALVVAAILVIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSTLMEMGHDAPWKVNDL\*CYRTIVGHSLLWGTRVEGCNHHSILCIRC\*SIWYRGT\*YLGNTCLCTYRPRPTRSSIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCETNATLCYSKLH\*L\*CP\*\*FSKLH\*L\*GQ\*\*CGG\*\*WRENEKLLFQYHHKHKR\*DKKRTCTFL\*P\*CSTNRG\*\*LQL\*VNKL\*YLSYYPGLSKDIL\*TNSHTLLCPGWFCDSKM\*Q\*DIQWNRALYKCQHSTMYSWN\*ASSINSTVVKWQPSRRRDSN\*I\*KFHGQC\*KYNSAAE\*ICRN\*VYKTQQQYNEKYTYRTRESILYNRTGNRRYKKGTL\*Y\*WNSMEGHFRTASYKIKRTIWK\*NNSLSALLRRGPGNCNT\*F\*LWRGIFLL\*YNTTV\*\*YLECY\*RVK\*PK\*HNHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*LYIKYHRAPINKRWW\*QG\*\*EQP\*DLQTGRRKYEGQLEK\*II\*IQNSKN\*TIRSSPHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTGQKIIVWYSATAEQFAEGC\*GATTYVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYSALEY\*LE\*\*ISGGHLGKHDLDAVGKTN\*QLHRYNIRLT\*EIAEPTRKE\*TRIVGIRQMGKFVELVRHIKLAVVYKNIHNDSRRLNRFKNNLYCAFYSE\*S\*AGILTNIVSDPLPSPEGTRQARRNRRRRWRERQRQIRNI

>B.2011.KF716496.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNKCYCKRCCYHCQLCFITKGLGISYGRKKRRQRRRTPQDSPTHQASLSKQ\*VVHVMQSLTILAIVALVVAIILAIVVWTIVFIEYRKILRQRKIDSLIDRIRERAEDSGNESEEDQEALMEMGHLAPWDIDDL\*CCRTIVGHSLLWSTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTGSSIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGPKPKAMCKTNPTLCHLKLHWVEQCYQYH\*\*\*WDDQLLFQYHHKLKRQVAESICTFL\*TRSSKNR\*\*\*\*Y\*L\*IDKL\*YLSHYTGLSKGIL\*ANSYTLLCSGWFCDSKMQ\*\*EVQWNRTV\*KCQHSTMYTWN\*TSSINSTIVKW\*SSRRRGSN\*ICQFHRQC\*NHNSTSE\*ICAN\*LYKTQQQYKKKYKYRTRESILYNRRNNRRYKTSTL\*P\*\*NRLE\*HIKKYSYKIKRTI\*\*NNNL\*KFFRRGPRNYNAHV\*WWRGIFLL\*YNTTV\*QYLEWGRASVK\*HWRK\*HNNHTPM\*NKTNYKHVAGSWKSNVCPSHQRTN\*MLIKYYRADINKRW\*S\*QYPERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSSVPWVLRSSRKHYGRSVNDADGTGQTTIVWYSATAEQSAKGY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*NSE\*DLGEHDLDAVGQRN\*\*LHKLNIHPN\*KIAEPTREE\*TRIIRIR\*VVKFMELV\*HNKLAVVYKNIHNDSRRLGRFKDSLYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWREKQRHIRML

>B.2011.KF716497.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRPRRRPPQGSQTNQASLPKQ\*VPVMQPLPPLHILAIVALVVAAILAIIVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTVVGYSLLWGTCVERCNHHFILCIRC\*SI\*HRST\*CLGHTCLCTHRPQPTRSMVRKCDREL\*HMEK\*HGRTDA\*RYNQFMG\*KLKAMCKINPTLCQLNLH\*C\*YH\*\*WYQ\*\*SCNRRGRNKKLLFQYYHNIKREGEDIRTF\*\*S\*CKINR\*\*YY\*L\*DNKL\*YFSHYTGLSKDIL\*ANSHTLLYPGWFCASKV\*R\*TVQWKRNM\*QCQLSTMYTWN\*TSSVNSTAAKWQSSRRRGSN\*IKKFHR\*C\*NHNSTAEPICSN\*LYKTQQQHKEQCTYRTRESIIYNKHNRRYKTSTL\*YK\*SRME\*HFKTCGYKIKRKI\*CNNNNL\*PILRRRPRN\*KAQL\*LWRGIFLLRYNTTI\*\*YLG\*\*YYE\*Y\*EFK\*HYHAPM\*NKTNYKHVADSRKSNVCPSHRRTN\*MFIKYYRVVIRERWWY\*QDDHRNLQTWGRKYEGQLEK\*TI\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAESH\*GATAYVATHSLGHQAAPGTSPGCGKIPKGSTAPRDLGLLWETHLHHCCALEY\*LE\*\*ISR\*DLEKHDLDAVGKRH\*QLHRNNIQLT\*GIAKPTRKE\*TRIIGIG\*LGKFVELV\*HIKMAVVYKDIHNDSRRLSRSKNSFCCAVYSK\*S\*AGILTSIISDPLPSPEGTRQARRNRRRRWRERQRQIRAI

>B.2012.KF716498.-

MEPVDPSLEPWKHPGSQPKTACNNCYCKKCCFHCPVCFTKKGLGISYGRKKRRQRRRPPQGSQTHQVPLPKQ\*VVHVMQPLQILAIVALVVAAILAIVVWTIVGIEYRKILKQRKIDRLINRISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRKRQFVGYSLLWGTCVERSNHHFILCIRC\*SI\*HRGT\*CMGHTCLCTHRPQPTRSTVRKCDRKL\*YMGK\*HGRTDA\*RCNQFMGTKLKTMCEINPTLCYFKLH\*CWKYY\*SWEYY\*YQQ\*\*NRRKRRNKKLLFQCHHNDRQ\*GAEGKRTFL\*T\*CSTNR\*\*\*\*\*\*\*\*Y\*C\*L\*VNKL\*HLSHYTDLSKGIL\*ANSYTLLCPGWFCASKV\*Q\*DVQWKRTMH\*CQHSAMYTWN\*ASSVNSPAVKWQSSRKGGST\*IKKFHK\*C\*NHNSAAEPICSN\*LYKTQQQHKKKYTFRTRANIICNRRHNRGHKTSTL\*H\*SSSME\*HFKTGGCKIKRTI\*CNNNSL\*SILRRRPRNCNAQFYLRRGIFLLQYNKTV\*\*YLE\*\*\*LAK\*HYAK\*\*HYHTPM\*NKTNCKHVAESRKSNV\*PSHRRTN\*MFIKYYRAIISERWWEHNEYNHRNLQTWRRRYEGQLEK\*II\*IQSSKN\*TIRSSTH\*GKEKSGAERKKSSGDRSCVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSATAEQSAEGH\*GATAYVATHSLGHQAAPGESPGCGKISKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*E\*KSN\*YLG\*HDLGTVGERNRQLHKRNIHFT\*RSPEPTGKE\*TRIIGIG\*VGKSVELV\*HNKLAVVYKDIHNDNRRLSRFKNSFCCTFYSE\*S\*AGILTTVVSDPLPSSEGTRQARRNRRRRWRERQRQIKSI

>B.2005.KF990605.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRPPQDSQTHQGSLSKQ\*VVHVMQPLAVAAIVGLVASAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*CCR\*IVGHSLLWSTCVERSNYHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSGIGKCDRKF\*HVEK\*HGRTDARGYNQFMGSKSKAMCKINPTLCYFKLH\*LCGECHFFECYFSRKYKFERRQRRNKKLLF\*YYHKLKR\*GSERICTFL\*T\*CSTNRW\*\*K\*Y\*WN\*I\*VNKL\*HLSHYTSLSEGII\*ANSHTFLCSGWFCDSKV\*\*\*EVQWIRTM\*QGQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSNQI\*KFHKQC\*DHNSTAKRSCSD\*LYKTQQQYKKKDNHGTRKGTLYNRGNNRRYKTSTL\*H\*CRRME\*NFKTGS\*KTKRTI\*Q\*NNSL\*PLFRRGPRNCNAQF\*LWRGIFLL\*YNTIV\*\*HLE\*Y\*\*KYHRVN\*HYYHTPM\*NKTNCKLVAGSRKSNVCPSHQRTN\*LCIKYYRAAINKRWG\*GEQPH\*EH\*DLQTWRRRYEGQLEK\*II\*I\*SSST\*TIRSSTHHGKEKSGAKREKSNRNRSLVPWVLGSSRKHYGRSVNIADGTGQTIIVWYSATAEQFAEGY\*GATTYVATHSLGHQAAPGKSLGCGKIPKGSTAPGDLGLLWKTHLHHCCAVER\*LE\*\*IPE\*YLGENDLDAVGKRN\*QLHRLNIHIN\*RIANPTRKE\*TRTIGIR\*MGKFVELV\*HNKLAVVHQNIHNDSRRLDRFKNSFYCTFYSKES\*AGIFTIIVSDPPPSSEGTRQARRNRRRRWRERQRHIRAI

>B.2005.KF990606.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRPPQDSQTHQGSLSKQ\*VVHVMQPLAVAAIVGLVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDINDL\*CCR\*IVGHSLLWSTCVERSNYHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSGIGKCDRKF\*HVEK\*HGRTDARGYNQFMGSKSKAMCKINPTLCYFKLH\*LCGECHFFEC\*FSHKYKFERRQRRNKKLLF\*YYHKLKR\*GSERICTFL\*T\*CSTNRW\*\*K\*Y\*WN\*I\*VNKL\*HLSHYTSLSKGII\*ANSHTFLCPGWFCDSKV\*\*\*EVQWIRTM\*QGQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSNQI\*KFHKQC\*DHNSTAKRSCSD\*LYKTQQQYKKKDNHGTRKGTLYNRGNNRRYKKSTL\*H\*CRKME\*NFKTSS\*KTKRTI\*Q\*NNSL\*PLFRRGPRNCNAQF\*LWRGIFLL\*YNKIVW\*HLE\*Y\*\*KYHRVK\*HYYHTPM\*NKTNCKLVAGSRKSNVCPSHQRTN\*LCIKYYRAAINKRWG\*GEQPH\*EH\*DLQTWRRRYEGQLEK\*II\*I\*SSST\*TIRSSTHHGKEKSGAEREKSNRNRSLVPWVLGSSRKHYGRSVNIADGTGQTIIVWYSATAEQFAEGY\*GATTYVATHSLGHQAAPGKSLGCGKIPKGSTAPGDLGLLWKTHLHHYCAVER\*LE\*\*ISE\*YLG\*NDLDAVGKRN\*QLHRLNIHIT\*RIANPTRKE\*TRTIGIR\*MGKFVELV\*HNKLAVVH\*NIHNDSRRLDRFKNSFYCTFYSKES\*AGIFTIIVSDPPPSSEGTRQARRNRRRRWRERQRHIRAI

>B.2005.KF990607.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRPPQDSQTHQGSLSKQ\*VVHVMQPLAVAAIVGLVASAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*CCR\*IVGHSLLWSTCVERSNYHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSGIGKCDRKF\*HVEK\*HGRTDARGYNQFMGSKSKAMCKINPTLCYFKLH\*LCGECHFFECYFSHKYKFERRQRRNKKLLF\*YYHKLKR\*GSERICTFL\*T\*CSTNRW\*EK\*Y\*WN\*I\*VNKL\*HLSHYTSLSKGII\*ANSHTFLCPGWFCDSKV\*\*\*EVQWIRTM\*QGQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSNQI\*KFHKQC\*DHNSTAKRSCSD\*LYKTQQQYKKRDKHGTRKGTLYNRGNNRRYKTSTL\*H\*CREME\*NFKTGS\*KTKRTI\*Q\*NNSL\*PLFRRGPRNCNAQF\*LWRRIFLL\*YNKIV\*\*HLE\*Y\*\*K\*HRVK\*HYYHTPM\*NKTNCKLVAGSRKSNVCPSHQRTN\*LCIKYYRAAINKRWG\*GEQPH\*EH\*DLQTWRRRYEGQLEK\*II\*I\*SSST\*TIRSSTHHGKEKSGAEREKSNRNRSLVPWVLGSSRKHYGRSVNIADGTGQTIIVWYSATAEQFAEGY\*GATTYVATHSLGHQAAPGKSLGCGKIPKGSTAPGDLGLLWKTHLHHCCAVER\*LE\*\*ISE\*YLG\*NDLDAVGKRN\*QLHRLNIHIT\*RIAIPTRKE\*TRTIGIR\*MGKFVELV\*HNKLAVVH\*NIHNDSRRLDRFKNSFYCTFYSKES\*AGIFTIIVSDPPPSSEGTRQARRNRRRRWRERQRHIRAI

>B.2006.KF990608.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFITKGLGICYGRKKRRQRRRPPQDRQTHQASLPEQ\*VVHVMQSLQILAIVALVVAAILAIVVWSIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELLVEMGHDAPWDVNDL\*GSRQIMGHSLLWGTCVERCKYHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRIILGQCNRKF\*HVEK\*HGRTNA\*GYNQSMGSKPKAMCKINPTLCHFKLL\*HNYHQ\*QY\*QN\*Q\*HARTNKKLLFQCHHNNGK\*ET\*RICTFL\*T\*CSTNK\*\*\*\*YS\*QL\*VDKL\*HLSRYASLSKDNL\*ANSHTLLYPSWFYASKV\*\*\*AVQWNRTMYKCQHSTMYPWN\*ASSIHSTAVKWQSSRK\*GSN\*V\*KYHRQC\*KHNNTAENTCNN\*LYKTRQQYKEKYTYGAREGIFCNRRHNRRYKTSTL\*H\*\*NRME\*HFTTDSYKIGKTI\*E\*NNKVRSIIRRGPRNCDA\*F\*LWRGIFLL\*YIKAV\*\*YLAI\*\*YLE\*NCAQ\*Q\*HYHTPM\*NKTNCKHVAASRKSNVCSSQQRTN\*LFIKYYRVATNKRWWY\*HYHKQY\*NLQTCRRKYEGQLEK\*II\*I\*SSKN\*TTRSSTHQGKEKSGAERKKSSRTRSFVRWVLGSSRKHYGRSVNNADGTGQTIIVCYSATAKQFAESY\*GATASVATHSLGH\*AAPGKNPGCGKIPRGSTAPRDVGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLGQHDLDAMGKGN\*QLHKPNI\*LNYRINTPTRKE\*TRIIKIRSVGKFVELVQHNKMAVVHKNIYNNSSRLNRIKNNFYCAFYSE\*S\*AGILTNIVADPPPNPEGTRQARRNRRRRWRERQRHIRSV

>B.1994.KJ019215.deceased

MEPVEPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAPQDSQTDQVSLSKQ\*VVYVMQPLQIYAIVALVVVAIIAIAVWAIVLIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDEGELSTLVDMGHLAPWDVNDL\*YCRKFVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIKECDRRF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LEECY\*DH\*\*\*RENDTGRRNDKLLFQCHHRHKG\*GEERICTSL\*T\*CSTNRQ\*\*Y\*P\*VDKL\*HLSHYTGLSKGIL\*ADSHTLLCPGWFCDSKV\*R\*EVQWKRNMCKCQYSTMYTWN\*ASSINSTAVKWQSSKRRGSN\*I\*QFHEQC\*NHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRQGILCNRRHNRRYKTSTL\*P\*\*NKMG\*NFKTDSHKVKRTI\*E\*NNSL\*SILRRGPRDCTAQF\*LWRGIFLL\*FNTTV\*\*YLEWYK\*X\*RKWHNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWW\*\*REQDHRDLQTWRRRYEGQLEK\*II\*IQSSTN\*TIRSSTHQGKKKSGTERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISGRDLG\*HDLDAVGKRN\*\*LHRLNIQLN\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCNFYSE\*S\*AGILTIVVPDPPPSQEGTRQARRNRRRRWRERQRQIRTI

>B.1992.KJ140245.-

MEPVDPSLEPWKHPGSQPNTPCTKCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRTPQDNKNHQVSLSKQ\*VIHVMNSLEIFSIVALVVAAILAIVVLVPLLVPLVPLVEGRTEE\*QTALSMLPHT\*\*IR\*RKNMLFFIDLM\*SQ\*IIQAQAIHW\*IVTPQSLHRPVQRYPLNQFPYIIVPRLVLRFYSVMIKNSMEQDHVKMSAQYNVHMELGQ\*YQLNYC\*MAV\*QKKR\*\*LDLKISRTMLKP\*\*YS\*THL\*KLIVQDPTTIQEKVYI\*DQGEHFMQRET\*\*EI\*DKHIVTLVQKNGITL\*DR\*L\*N\*ENNLGIKQ\*SLINPQEGTQRL\*CTVLIVEGNFSTVIQHNCLIVLGMVLKS\*IKLQITHLHSHAE\*NKL\*TGGRK\*EKQCMPLPSEDKLDVHQILQGCY\*QEMGGLGTTGLRSSDLEEEI\*ETIGEVNYINIK\*\*KLSH\*G\*HPPRQGEEWCREKKEQWER\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDYYYLV\*CNSRITC\*ELLRRNSICCNSQSGASSSSRQESWLWKDT\*GINSSWGFGDALESSSAPLMCLGILVGVINLRMISGIT\*PGWSGTEKLTIIQA\*YTPYLKNRRTSKKRMNRNYWNSINGQVCGIGLTYLNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FFLYFL\*\*IELGRDTHHYRFRPTSQARGDPTGQEESKEKVEKKTEMDPVD\*

>B.1992.KJ140246.-

MEPVDPSLEPWKHPGSQPNTPCTKCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRTPQDNKNHQVSLSKQ\*VIHVMNSLEIFSIVALVVAAILAIVVLVPLLVPLVPLVEGRTEE\*QTALSMLPHT\*\*IR\*RKNMLFFIDLM\*SQ\*IIQAQAIHW\*IVTPQSLHRPVQRYPLNQFPYIIVPRLVLRFYSVMIKNSMEQDHVKMSAQYNVHMELGQ\*YQLNCC\*MAV\*QKKR\*\*LDLKISRTMLKP\*\*YS\*IHL\*KSIVQDPTTIQEKV\*V\*DQGEHFMQWET\*\*EI\*DKHIVTLVKQNGITL\*DR\*L\*N\*ENNLGIKQ\*SLIDPQEGTQRL\*CTVLIVEGNFSTVIQHNCLIVLGLMVLKG\*IKLQMAHLHSHAE\*NKL\*TGGRK\*EKQCMPLPSEDKLDVHQILQGCC\*QEMGGLGTTRLRSSDLGEEI\*GTIGEVNYINIK\*\*KLSH\*G\*HPPRQGEEWCREKKEQWER\*ELCSLGSWEQQEALWAQRH\*R\*RYRPDYYCLV\*CNSRITC\*ELLRRNNICCNSQSGASSSSRQESWLWKDT\*GINSSWGFGDALESSSAPLMCLGILVGVINLRMISGII\*PGWSGTEKLTIIQA\*YTPYLKNRRTSKKRMNRNYWNLINLQVCGIGLTYLNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FFLYFL\*\*IELGRDTHHYRFRPTSQARGDPTGQEESKEKVEKKTEMDPVH\*

>B.1992.KJ140247.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIHVMKSLEIFSIVALVVAAIIAIVVWSIVFIEYKKIRKQRKIERLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVDDL\*C\*\*IVGHSLLWGTCVERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFEL\*\*FE\*N\*YQ\*\*\*\*\*\*D\*YH\*\*\*WNSDGGSRNEKLLFQCYHKHRK\*DAERICSFL\*T\*CNTNR\*YKLYLVKL\*HLSHYTGLSKGIL\*TNSHTLLHPGWFCDSTV\*\*\*EVQWNRTMFKCQHSTMYTWN\*ASGINSTTVKWQSSRRRGSN\*I\*KFHEQC\*NHNSTAERICRN\*LYKTQQQYKKKYKNRTREYILCNRRHNRRYKTSTL\*H\*WNKME\*HFKTDSYKIKRTIWE\*NNSL\*SILRRGPRDCNAQF\*LWRGIFLL\*YSTTV\*\*YLEC\*YYLE\*Y\*CVK\*HCYTSPTKNTTHNKVEAGRRKSNVCPYHQRTNKMFIKYYRAAINKRWGEWQRGWRQRD\*DLQTWGRRYEGQLEK\*II\*I\*SSTN\*AIRDSTYQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEH\*LE\*\*ISE\*YLG\*HDLDGVGQRN\*QLHKLNTHLT\*RIAEPARKE\*TGIIGIG\*MGKFVELV\*HI\*LAVVYKNIHNDSRRLDRFKNNFFCTFYSK\*S\*AGILTIIVTDPLPKPEGTRQARRNRRRRWRRKQRWIRSI

>B.1992.KJ140248.-

MEPVDPRLEPWKHPGSQPNTPCTKCYCKKCCLHCQVCFITKGLGISYGRKKRKQRRRTPQDNKNHQVSLSKQ\*VIHVMHSLEIFSIVALVVAAILAIVVWSIVFIEYKKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSTLVEMGHDAPWDVDDL\*C\*\*NVGHSLLWGTCVERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSTIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGTKPKTMCKINSTLCYFDLY\*YYQ\*\*\*\*E\*\*HQG\*\*\*YSDGGWRNDKLLFQCYHTHKR\*GEERICSFL\*T\*CKEDR\*\*R\*YKLYIGKL\*HLSHYTGLSKGIL\*TNSHTLLYPGWFCDSTV\*\*\*EVQWNRTMQKCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*I\*KFHEQC\*NHNSTAERICRN\*LYKTQQ\*YKKKYRYRTRESNLCNRRHNRRYKTSTL\*H\*\*RKME\*HFKTDSYKIKRTIWE\*NNSL\*SILRRGPRDCNAQF\*LWRGIFLL\*YNKTV\*\*YLEWY\*RVK\*HCRK\*PNYTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWGERD\*RD\*DLQTWGRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAK\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAXGDLGMLWKAHLHH\*CALEY\*LE\*\*ISEIYLG\*HDLDGVGQRN\*QLHRLNIHFT\*RIAEPARKE\*TGIIGIG\*MGKFVELV\*XISMAVVYKNIHNDSRRLDRFKNNFLCTFYSK\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRRRQRWIRSL

>B.2002.KJ140249.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCLHCQVCFIQKGLGISYGRKKRRQRRRAPQDSKNHQVSSSKQ\*VIHVMQSLQILAIVALVITAIIAIVVWSIVFIEYKKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*CC\*IVGHSLLWGTCVERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTDARGYNQFMGSKPKAMCKNNSTLCYYAL\*\*FEE\*E\*YP\*WD\*YPY\*YQCYY\*PEWD\*CGGGRRNEKLLFQCYHNHRKQGAERICSFL\*I\*CSTNRE\*YKLYFDKL\*HLSHYTGLSKGIL\*TNSYTLLYPGWFCDFKV\*G\*EVQWNRNMS\*CQHSTMYTWN\*ASSINSTTVEWQSSRRRCSN\*I\*KFHRQC\*NHNSTAERICRNYLYKTQQQYKKKYKDRTREHILCNRRHNRRYKTSTL\*H\*\*RKMEQNFKMGSYKIKRTIWEK\*NNSLYSILRRGPRDCNA\*F\*LWRGIFLL\*YNTTV\*\*YLE\*NTTV\*\*\*LE\*Y\*MDK\*MVMVK\*MVMVK\*NKYYTPMQNKTNYKQVAGSRESNVCPSHQRTN\*LFIKYYRAAINKRWGA\*ERDQ\*E\*DLQTWGRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAK\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPT\*STAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISEIYLG\*HDLDAVGQRN\*QLHKLNIHLA\*RIAEPARKE\*TGIIGIG\*MGKFVELV\*HNSMAVVYKNIHNDSRRLNRFKNNFFCAFYNK\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRRRQRWIRSI

>B.1995.KJ140250.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDSKDHQVSLSKQ\*VIYVMQSLEILAIVALVVAGIIAIVVWSIVLIEYKKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRRIVGHSLLWGTCVERSRHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRGSIGKCDRKF\*HVEK\*YGRTDA\*GYNQFMGSKPKAMCKINSTLCYFEL\*\*FGEYY\*YQ\*Y\*PQ\*Q\*RGCEEGNEKLLFQCCPKHKR\*DAERICSFL\*T\*YSTNG\*YKLYVDTL\*HLSHYTDLSKGNL\*TNSHTLLYPCWFCDSTV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSD\*I\*KFHGQY\*NHNSTAERICRN\*LYKTQQQYKKKYKYRTRENILCNRRYNRRYKTSTL\*H\*WSKMGKHFKTASYKIKRTIWE\*NNSL\*SILRRGPRDCNAQFYLWRGIFLL\*YNQTV\*\*YLE\*YLE\*Y\*RVK\*NYHTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWGERDQRDY\*DLQTWGRKYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*YLE\*HDLDGVGQRN\*QLHKLNIHLT\*RIAEPTRKE\*TGTIGIG\*MGKFVELV\*HITMAVVYKNIHNDSRRLGRFKNNFFCTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSL

>B.1992.KJ140251.-

MEPVDPRLEPWKHPGSHAKTPCTKCYCKKCCLHCQVCFINKGLGISYGRKKRKQRRRAPQDSENHQVSLSKQ\*VIHVMLPLEILAIVALVVAAILAIVVWSIVFIEIRKILKQKKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVDDL\*CC\*IVGHSLLWGTCVERSNHHPILCIRC\*SI\*PRGTQCLGHTCLCTHRPQPTRSRIEKCDRKL\*HVEK\*HGRTDA\*GYNQFMG\*KPKAMCKINSTLCYFEL\*YYYQ\*YFAQ\*D\*YYQE\*E\*NNRERRNGKLKKLLFQCYHRNKR\*GEERICSFL\*T\*YSTNRWNR\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLYPGWFCASEV\*G\*EFQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFLKQCKNHNSTAERICRN\*LYKTQQQYKEKYRYRTRESNLCNRRHNRRYKTSTL\*H\*WNKMEQHFKTDSYKIKRTIWE\*NNSL\*SILRRGPRDCSAQF\*LWRGIFLL\*YNKTVE\*YLEC\*WCLE\*Y\*RVK\*RSYNHMQNKTNYKQVAGSRKSNVCPSHHWSNYMLIKYYRTAINKRWGE\*EQE\*KRD\*DLQTWGRRYERQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*GATASVAAHSLGHQATPGKGPGCRKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*NSGLYLG\*HDLDGVGQRN\*QLHRLNIHLT\*KIADPARKE\*TGFIGIG\*MGKFVELV\*HI\*LAVVYKNIHNDSRRLDRFKNNFFCTFYSE\*S\*AGLLTIIVSDPLPKPEGTRQARRNRRRRWRRKQRWIRSI

>B.1992.KJ140252.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCCFHCQVCFTTKGLGISYGRKKRKQRRRTPQDSKNHQVSLSKQ\*VIHVMQSLQILAIVALVVAAIIAIVVWTIVLIEYKKILKQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRRIVGHSLLWGTCVERSRHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRGSIGKCDRKF\*HVEKWHGRTDA\*GYNQFMGSKPKAMCKINSTLCYLELY\*VE\*YCYYQ\*Q\*WEYY\*YQ\*QY\*DSDEGKRNDKLLFQCYHKHKK\*GAKGICSF\*\*T\*CSTNR\*EYYKLYADTL\*HLSHYTGLSKGVL\*TNSHTLLYPGWFCDSKV\*\*\*EIQWIRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KFHEQC\*NHNSTAERICRN\*LYKTQQQYKKRYKYRTRENILCNKSYNRRHKTSTL\*H\*\*RKME\*HFKTASYKIKRTIWE\*NNSL\*SILRRGPRDCNAQF\*LWRGIFLL\*YNKTV\*\*YLEYY\*RV\*\*YY\*RVK\*\*HYHAPMQNKTNCKQMARSRKSNVCPSHRRTN\*MFIKYYRTAINKRWGE\*E\*RD\*CY\*DLQTLGRKYEGQLEK\*II\*IQSSKN\*AITDSTHRGKEKSGAERKKSSGNDRSSVPWVLGSSRKHYGRSVDDADGTGQTIIVWYSATAE\*SAKSY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEC\*LE\*\*ISE\*YLG\*YDLDGVGQRN\*QLHKLNIHLT\*RIAEPTRKE\*TGIIGIG\*MGKSVELV\*HIKLAVVYKTIHNDSRRLDRFKNNFFCTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSI

>B.1993.KJ140253.-

MEPVDPRLEPWKHPGSQPQTPCTKCYCKRCCFHCQVCFINKGLGISYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIHVMQPLEILAIVALVVAAIIAIVVWSIVLIEYKKILKQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEMGHHAPWDVDDL\*C\*\*IVGHSLLWGTCVERSNHHPILCIRC\*SI\*HKGT\*CLGHTCLCTHKPQPTRSSVGKCDKKF\*HVEK\*HGKTDA\*RYNQFMESKPKAMCKNNSTLCYFELYYFE\*DYYQYY\*\*GTEGGNEKVLFQCYHKLKR\*GARGICSFL\*T\*CNTNR\*YKLYVDKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSTV\*\*\*EVQWNRTMFKCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*IRKFHEQC\*KHNSTAERICRN\*LYKTQQQYKKKYKNRTREYILCNRRHNRRYKTSTL\*H\*\*SKMEQHFKTDSYKIKRTIWE\*NNSL\*SILRRGPRDCNAQF\*LWRGIFLL\*YNKTV\*\*YLECY\*RLEWY\*RVK\*\*CNK\*HYTPMQNKTNYKQVARSRKSNVCPSHQWTN\*MFIKYYRADINKRWGGWEQRD\*DKQRD\*DLQTCGRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWNSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISG\*YLE\*YDLDGVGQRN\*QLHKLNIHLT\*RIAEPARKE\*TGIIAIG\*MGKFVELV\*HISMAVVYKNIHNDSRRLDRFKNNFFCTFYSK\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRRRQRWIRSI

>B.2002.KJ140254.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRAPQDNKDHQVSLSKQ\*VIHVMQSLEIYSIVALVVVGIIAIVVWSIVLIEYKKILKQRKIDRLIERIRERAEDSGNESDGDQDELSALLEMGPHAPRDVDDL\*CYRRIVGHSLLWGTCVERCKNHPILCIRC\*SI\*HRGT\*CLGHTCLCTRRPQSTRGRLEKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINSTLCYFELYP\*CDWY\*CH\*QWCYYQ\*YYYYYHY\*Y\*\*RKHEKLLFQCYHKHRK\*VAERICSFL\*T\*CSTNR\*G\*YKQ\*\*\*YKLYVDTL\*LLSRYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRHSN\*I\*KFHGQC\*NHNSTAERICRN\*LYKTQQQYKKKYTYGARENILCNRGHNRKYKTSTLQH\*\*RKME\*NFKPDSYKIKRTI\*\*NKNILCSILRRGPRNYNAPFYLWRGIFLL\*YNKTV\*\*YLE\*Y\*RPK\*WNQ\*KYHTPMQNKTNYQQVAGSRKGNVCPSHRRNN\*MFIKYYRTAINKRWGE\*\*EWDQWE\*DLQTWGRKYEGQLEK\*II\*I\*SSKN\*AIGDSTHRGKEKSGAERKKSSGSARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKNPGCGEIPRGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*DLG\*HDLDGVGQRN\*QLHRLNIQLT\*RIAEPARKE\*TGIIGTG\*VGKFVELVGHNKMAVVYKNIHNDSRRLGRFKNNFFCTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSI

>B.1992.KJ140255.-

MEPVDPSLEPWKHPGSQPKTPCNKCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRAPQDNKSHQVSLSKQ\*VIHVMQPLEILAIVALVVAAILAIVVWSIVFILYKKIVKQKKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CY\*LVGHSLLWGTCVERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSYGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKTNSTLCYLEL\*\*LFDE\*D\*YQ\*\*YSCQY\*\*\*\*YQWNIEGGRRNKKLLFQCYHKQRKAQGICLFL\*T\*CKTIK\*ER\*YKLYIDKL\*LLSH\*TGLSKGIL\*TNSHTLLCPGWFCDSTV\*\*\*DVQWNRTMFKC\*YSTMYTWD\*ASGINSTTVKWQSSRRKGSN\*I\*KFHEQC\*NHNSTAEKTCKHYLYKTQ\*QYKKKYKDRSRDRTREYILCNRSRNRRYKKSTL\*C\*CNRMEQHFRRDSDRIKKTIWE\*NNNL\*SILRRGPRDYNAQF\*LWRGIFLL\*YNTTVQ\*HLE\*YYSRVKYHHIYTPMQNKTIYKQVAGSRKSNVCPSH\*WTN\*MFIKYYRTAINKRWRE\*QQWD\*\*D\*DLQTWGRRYEGQLEK\*II\*IQSSKN\*AIRDSTHQSKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*LAESYRGATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISGGYLGQHDLDAVGQRN\*QLHKLDIHLT\*GIAEPARKE\*TGIIGIG\*MGKFMELV\*HIKLAVVYKNIHNDSRRLNRFKNNFFCTFYSE\*S\*AGLLTIAVSDPLPKPEGTRQARRNRRRRWRRRQRWIRSI

>B.1992.KJ140256.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDSKNHQVSLSKQ\*VIHVMQSLEILTIVAIVALVVAGIIAIVVWSIVFIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRRIVGHSLLWGTCVERSNHHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQRTRGRIEKCDRRF\*HVEE\*HGGTDA\*GYNQFMGSKSKAMCKINSTLCYFKLS\*FDL\*\*YYYQ\*Q\*L\*\*\*Y\*\*QW\*GNGEGRRHEKLLFQCYRHNK\*GAETICSF\*\*T\*CSTSRYYKLYNETL\*HLSHYTGLSKDIL\*TNSHTLLYPGWFCDSKVQ\*\*GVQWNRTM\*KCQHSTMYTWN\*ASGINSTAVKWQSSRKRDSN\*I\*KFHR\*C\*NHNSTAERICSN\*LYKTQQQYKKRYTYGTRKNTLCNRSNSRRYKTSIL\*H\*\*RKMESHFKKDSYKIKRTI\*E\*NNSL\*SILRRGPRDYNAHL\*LWRGIFLL\*YNKTV\*\*YLEWY\*TGKCN\*\*NYYTPMQNKTNYKQVAGSRKSNVCPSHRRTN\*MFIKYYRAAINKRWGK\*KRD\*EQH\*DLQTWGRKYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGNDRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATTYVAAHSLGHQAAPGKSPGCRKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISG\*DLG\*HDLDAVGQRN\*QLHKLNIQLT\*RIAKPTRKE\*TGIIGIG\*MVKFVELV\*HIKMAVVYKNIHNDSRRLNRFKNNLFCTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRRRQRWIRSL

>B.1992.KJ140257.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKWRQRRRAPQDNKSHQVPLSKQ\*VIQVMQSLEILAIVALVVAAIIAIVVWVIAFIEIKKTLKQKRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRRIVGHSLLWGTCVERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRGSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKNNSTLCYFEL\*YCEK\*D\*FEE\*Y\*SQ\*Q\*WESGGGRRNKKLLFQCYYKQKK\*GAKRICSFL\*I\*CSATRY\*\*YKLYFDTL\*HLSHYTGLSKGIL\*TNSHTLLYPGWFCDSTM\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINATTVKWQSSRRRDSN\*I\*KFHRQC\*NHNSTAERICRN\*LYKTQQ\*FKKRYRYRTREHILCNRRYNRKYKTSTL\*H\*\*SKMEQHFKTASYKIRRTIWE\*NNSL\*AILRRGPRDCNAQF\*LWRGIFLL\*YNKTV\*\*YLE\*YWRVA\*\*YWE\*Y\*QWNYHTPMQNKTNYKQVAGSRKSNVCPSH\*RDN\*MFIKYYRAAINKRWGE\*KRD\*QY\*DLQTWGRKYEGQLEK\*II\*I\*SSKN\*AIRDSTHRGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVDDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISK\*DLG\*HDLDGVGQRN\*QLHKLNILLT\*RIAEPTRKK\*TGLIEIGYMGKFVELV\*HITMAVVYKNIHNDSRRLDRFKDNFVCTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSI

>B.1992.KJ140258.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAPPDSENHQVSLSKQ\*VIHVMQSLQIGAIVALVVAAIIAIVVWSIVFIEYRKILKQRRIDRLIDRIRERAEDSGNESEGDHEELSALVEMGHDAPWDVDDL\*CCRRIVGHCLLWCTCGERC\*HHPILCIICCCI\*RRGT\*CLGHTCLCTHRSQPTRGSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCTTNSTLYYFEL\*KLE\*K\*Y\*CEYYY\*\*Q\*CESDGGRRSEKLFFQCYKYKHKR\*KAEGICPFL\*I\*SNANRE\*D\*YKPLYVDTL\*HLSHYTGLSKGIL\*TNSHTLLYPGWFCDSTV\*\*\*EVQWSRTM\*KCQHSTTYTWN\*ASSINSTAVKWQSSRRRDNN\*I\*KLLGQC\*NHNSTAERICRN\*LYKAQQ\*YRKKDKYRTRESISCNKSYNRRYKKSTL\*H\*\*RKLE\*HFKTASYKIK\*TIWE\*INSLYATLRRGPRDCNAQF\*LWRRIFLL\*YNKTV\*\*YLVW\*WYSEGRVK\*KWNYHTPMQDKTNCKQVAGSRKSNVCPSHYRTN\*MFIKYYRAAINKRWGDWERDQHE\*DFQTWGRKYEGQLEK\*II\*I\*SSKN\*AIRDSTHPGKEKSGAERKKSSNARSYVPWVLGSSRKHYGRSVNNTDGTGQTIIVWYSATAK\*FAESY\*GATASVATHSLGHQAAPGKNPGCGKISTGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISEIYLG\*HDLDGVGQKN\*QLHKLNIHLT\*RIAKPTRKE\*TGIIGIG\*MGKFVELV\*HNQLAVVYKTIHNDSRRLGRFKNNFLCTFFSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSL

>B.1992.KJ140259.-

MEPVDPRLEPWKHPGSQPRTLCNKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDNKNHQVSLSKQ\*VIHVMQSLGILAIVALVVAGIIAIVVWSIVLIEYKKILQQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRRIVGHSLLWGTCVERSKHHPILCIRC\*GI\*HRST\*CLGHTCLCTHRPQPTRGSIGKCDRKF\*HVEK\*HGRTDA\*GHNQFMGSKPKAMCKINSTLRYFEL\*\*FK\*Y\*NQ\*Q\*WGSNGGRKNEKLLFQCYHKHKR\*GAERICSFL\*S\*YSTNS\*YKLYVDTL\*HLSHYTGLSKGILRTNSHTLLYPGWFCASEV\*G\*EFQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSS\*IGKFLKQCKNHNSTAERICRN\*LYKTQQQYKKKYRYRTRESNLCNRRHNRRYKTSTL\*H\*WNKMEQHFKTDSCKIKRTIWE\*\*NNSL\*SILRRGPRDCNAQF\*LWRGIFLL\*YSKTV\*\*YLEC\*WYLDWY\*KVKK\*HKK\*HTYNPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWGE\*E\*\*Y\*\*DFQAWRRRYEGQLEK\*II\*I\*SSKD\*AIRDSTHQCKEKSGAERKKSSGNDRSHVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*YLG\*HDLDGVGQRN\*QLHKLNIHLT\*RIAEPARKE\*TGIIGIG\*MGKFVELV\*YIKLAVVYKNIHNDSRRLGRFKNNFFCTFYSK\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSL

>B.2003.KJ140260.-

MEPVDPRLEPWKHPGSQPKTSCNKCYCKKCCFHCQVCFTTKGLGIYYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VLHVMQSLEILAIVALVVAVIIAIVVWSIVFIEYKKILKQRRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHPAPWDVDDL\*CYRKIVGHSILWGTCMERSKHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRDSIGKCDRKF\*HVEK\*HGRTDA\*GYNQSMGSKPKAMCKNNSTLCYFEL\*\*LEE\*YYYQ\*\*\*CGNDKGGRNKKLLFQCYHRHRR\*GEKRICSLL\*T\*CSTNR\*KYYKLYVNTL\*HLSHYTDLSKGIL\*TNPHTLLYPGWVCDSAM\*\*\*EVQWNRTMYKCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*I\*KFHG\*C\*NHNSTAEHVCRN\*LYKTQQQYKRKDKYRTRESILCNKTDNRRYKTSTL\*H\*WRKMGKHFKTASYKIRRTI\*E\*NNSL\*SILRRGPRDCNAQF\*LWRGIFLLQYNKIV\*\*YLESY\*SEHSE\*SWKWNYYPPMQNKTNYKQVAGSRKSNVCPSHRRTN\*MYIKYYRVANNKRWGDK\*DQRD\*DLQTWGRRYEGQLEK\*II\*I\*SNKN\*AIRDSTHQGKEKSGAERKKSSGSDRSYVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSATAE\*FAESY\*GATASIATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISG\*YLAEHDLDGVG\*RN\*QLHKLNIQLT\*RIAEPTRKE\*TGIIGTGLMGKFVELV\*HIKMAVVYKNIHNDSRRLGRFKNNFCCAFYSV\*S\*AGILTIIVADPLPKPEGTRQARRNRRRRWRRRQRWIRSI

>B.1992.KJ140261.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSKNHQVSLSKQ\*VIHVMQPLVILAIVALVVTGIIAIVVWSIVLIEYRKILKQRKIDRLINRIRERAEDSGNESEGDQEELSALVVEMGHDAPWDVDDL\*CYRRVVGHSLLWGTCVERRKHHPILCIRC\*SI\*HRGT\*CLGHTCLCTRRPQSTRGRIGKCDRRF\*HVEKQHGRTDA\*GYNQFMGSKPKALCKNNSTLCYFKL\*\*L\*A\*\*Y\*CH\*QYYYQ\*Q\*CGKDGTKRMLFLCSHKHRK\*GAERICSF\*\*I\*CRTNRK\*RE\*K\*YVYFDTL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKM\*\*\*KF\*WNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KFHEQC\*NHNSTAERNCKNYL\*ETQQY\*KKKDTYRTRESILCNKSNRRRDETSIL\*H\*\*SRLEQHFKTDSYKIKRTI\*E\*NNSL\*SILRGGPRDSNAQF\*LRRGIFLLQDNRTV\*\*YLELE\*YSE\*Y\*KVK\*NYHTPMQNKTNYK\*VAGSRKSNVCPSHRRNN\*MYIKYYRAAINKRWGERD\*Q\*D\*DLQTWGRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHRCKEESGAERKKSSGSDRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*SAESY\*GATASVATHSLGHQAAPGKSPGCGKIPT\*STAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*YLG\*HDLDAVGQRN\*QLHRLNIHLT\*RIADPTRKK\*TRIIKIGYMGQFVELVCHNKMAVVYKNIHNNSRRLDRFKDNCFCTFYSE\*S\*AGIFTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSL

>B.1993.KJ140262.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKVCCLHCQVCFTKKGLGISYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIHVMQPLEIFAIVALVVAAILAIVVWTIVFIEYKKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRRIVGHSLLWGTCVERCKHHPILCIRC\*SI\*HRGP\*CLGHTCLCTHKPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFEL\*\*GD\*Y\*\*Y\*YCEYYYYH\*YHSYHNWNWESGRGHEKLLFQYHKHKK\*GAERICSFL\*T\*CSTNR\*\*YYKLYVHSL\*HLSHYTGLPKDIL\*TNSHTLLYPGWFCDSTV\*\*\*TVQWIRTM\*KCQHSTVYTWN\*ASSINSTAVKWQSSRRRGNN\*I\*KFHGQC\*NHNSTAE\*NCNN\*LYKTQQQYKQKDTYRTYRRQIILCNRNYNRKCKTSIL\*H\*WRRMGQSFKKGSYKIKRTI\*E\*INKL\*AILRRGPRDCNAQF\*LWRRILLL\*YNSTV\*\*YLE\*Y\*TV\*\*YWEYH\*KI\*Q\*NYHTPMQNKTNYKQVAGSRKSNVCPSH\*WNN\*M\*IKYYRAAINKRWGD\*CHQ\*DLQTWGRRYEGQLEK\*II\*I\*SSKN\*SIRDSTHRGKEKSGAERKKSSGNDRSSVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISD\*YME\*HDLDGVGQRN\*QLHKLNILLT\*RIAEPTRKE\*TGLIEIGYMGKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFFCTFYSE\*S\*AGILTLIISDPLPKPEGTRQARRNRRRRWRKRQRWIRSL

>B.2007.KJ140263.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIHVMQSLTIFTIVALVVAAIIAIVVWSIVFIEYKKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*C\*\*NVGHSLLWGTCVERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSGIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYSEL\*\*FEE\*D\*YKECYQ\*\*\*WEGDGERRNEKLLFQCYHKHRK\*GAERICSFL\*T\*CSTNR\*YKLYIDKL\*LLNHYTGLSKDIL\*TDSHTLLYPGWFCDSTV\*\*\*EVQWIRTMFKCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAEYICRN\*LYKTQQQYKKKYTSRTREYNLCNRRHNRRYKTSTL\*H\*\*RKMEQHFKTDSYKIKRTIWE\*NNNSL\*SILRRGPRDCNAQF\*LWRGIFLL\*DNKTV\*\*YLEV\*\*YLEWY\*RDK\*PNYTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWGD\*EQQDWEQQD\*DLQTRGRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEESGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISEGNLG\*HDLDAVGQRN\*QLHKLYIHLT\*RIAEPARKE\*TGIIGIG\*MVKFVELV\*HISMAVVYKNIHNDSRRLDRFKNNFFGTFYSK\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKKQRWIRSI

>B.2002.KJ140264.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIHVMPSLEILTIVALVVAGIIAIVVWSIVFIEWRKIRKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*YCRGIVGHSLLWGTCVERSKHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRGRIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLY\*FGE\*Y\*YQ\*Q\*\*GNEERRNDKLHFQCYHKHKKEDTETICSF\*\*T\*CSTNR\*\*\*\*YYKLYVETL\*HLSHYTGLSKGIL\*TNSHTLLYPGWFCDSTM\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQPSRRRDSN\*I\*KFHKQC\*NHNSTAECICRN\*LYKTQQQYKKKYTYRTRETILCNRRYKTSTL\*H\*\*SKMEQHFKTASYKIKRTIWEQNYSL\*SILRRGPRDCNAQFYLWRGIFLLLYNKTV\*\*YLE\*YNTV\*\*YLE\*\*\*\*RNYHTPMQNTTYYQQVAGSRKSDVCPSHWRKN\*MFIKYYRAANNKRWGD\*DWDY\*DLQTWGRKYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGDDRSCVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSATAE\*FAESY\*CATAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ICG\*YLAEHDLDGVGQRN\*QLHKINIQLT\*RIAEPTRKE\*TGLIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNNFFCVFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRRRQRWIRSL

>B.2002.KJ140265.-

MEPVDPRLEPWKHPGSQPRTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDNKSHQVSLSKQ\*VIHVMPSLEILSIVALVVAGIIAIVVWTIVFIEYRKIRRQKKIDRLIDRIRERAEDSGNESEGDQEELSTLVEMGHDAPWNVDDL\*CCRRIVGHSLLWGTCVERSKHHPILCIRC\*SI\*HRGS\*CLGHTCLCTHRPQPTRGSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYYELYQFEE\*E\*Y\*YQ\*Q\*HFAE\*Y\*YQ\*Q\*WGSDGGRRNDELLFQCYHKHKR\*GAGRKRSFL\*T\*CSTIRG\*YKLYIDTL\*HLSHYTGLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*EVQWNRTMYQCQHSTMYTWN\*ASSINSTAVKWQSSRRRDNN\*I\*KFHKQC\*NHNSTAERICSN\*LYKTQQPYNKKDRYRTRENIVCNRTDNRRQKTSTL\*H\*WRKMERHSKTASYKIKRTIWE\*NNSL\*SILIRRGPRDCNAQF\*LWRGIFLL\*YNTTV\*\*YLDLE\*YSYWY\*RSKWNIFHTPMQNKTNCKQVAGSRKSNVCPSHRRTN\*MFIKYYRAAINKRWGE\*E\*RD\*DD\*DLQTWGRKYEGQLEK\*II\*I\*SSKN\*AIRDSTHRGKEKSGAERKKSSGSDRSYVPWVLGSSRKHYGRSVNGADGTDQTIIVWYSATAE\*FAESH\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISG\*YLEEHDLDGVGQRN\*QLYKLNIQLA\*RIAKPTRKE\*TGLIKIG\*MG\*FVELVYHNKLAVVYKNIHNDSRRLDRFKNNLFCTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRQRQRWIRSI

>B.1992.KJ140266.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKRCCLHCQVCFIQKGLGIYYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIHVMQSLEIFSIVALVVAAIIVIVVWSIVFIEYRKLLKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRRIVGHSLLWGTCVERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSIIGKCDRRF\*RVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFEL\*\*C\*NQ\*\*\*FEWY\*CR\*\*\*\*WSKRRRRNDKLLFQCYHKNKR\*GEERICSFL\*T\*CSTNR\*\*\*YKLYVDKL\*LLSHYPGLSKGIL\*TNSHTLSYPGWFCDSTV\*\*\*GVQWKRIM\*KCQRSTMYTWT\*ASSINSTAVKWQSSRKRDSN\*I\*KCHRQC\*NHNSTGERICRN\*LYKTQHQYK\*KYKIRTREQILCNRRHKRRYKTSTL\*H\*\*SRME\*HFKTASYKIKRTI\*E\*NNSL\*PILRRGPRGCSAQV\*LWRGIFLL\*\*NTTV\*\*YLEYNTTV\*\*YLEWY\*RVK\*HWKRYHTPMHKKTNYNQVAGSRKSNVCPSH\*RTN\*LFIKYYRAAINKRWRD\*DQQD\*DQRERD\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHRGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAK\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAHGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*YLE\*HDLDAVGQRN\*QLHNLNILLT\*RIANPTRKE\*KGITGIG\*MGQFVELV\*HITMAVVYKNIHNDSRRLGRFKNNFFCTFYSE\*S\*AGILTLIVSDPPPKPKGTRQARRNRRRRWRQRQRWIRWL

>B.1992.KJ140267.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFIRKGLGLSYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIHVMQPLEILAIVALVVAIILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVERSNHHPILCIRC\*SI\*QRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDACGYNQFMGSKPKAMCKINSTLCYFEL\*\*FEE\*Y\*YH\*\*\*SRGSDGERRNEKLLFQCYHKHKK\*GEGGICSFL\*T\*YSTNR\*\*\*YKLYIDKL\*LLSHYTGLSKGIF\*TNSHTLLYPGWFCDSTV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGNN\*I\*KFHEQC\*NHNSTAERICRN\*LHKTQQQHKKKYTSRTREYIFCNRRNNRRYKTSTL\*H\*\*RKMEQHFKTASYKIKKTIWE\*NNSL\*PILRRGPRDCNAQF\*LWRGIFLLQYNTTV\*\*YLV\*\*YLE\*Y\*RVKYHWYCRVKYHTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYYRTAINKRWGEWGQRD\*RDD\*DLQTWGRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVTDADGTGQTTIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISESYLG\*HDLDGVGQRN\*QLHNLNIHLT\*GIAEPTRKE\*TGIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNNFFCTFYSE\*S\*AGILTIIVADPPPKLEGTRQARRNRRRRWRKRQRWIRSI

>B.1983.KJ704788.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQPLQIIAIVALVVVAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CCRTNVGHSLLWGTCVERSNHHSILCIRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCNRKF\*HVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LLEE\*Y\*YH\*Y\*YH\*\*\*RGKDGERRNKTMLFQYHHKHKR\*GEE\*ICTFL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYTSLSKDIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*KFHKQC\*NHNSTAERICSN\*LYKTQQQYKKKYKYRTRESILYNRTNNRRYKTSTL\*P\*\*SRME\*NFRTDSWKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLDLE\*Y\*RVNQRK\*HNHTPM\*NKTNCKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWR\*\*QERDRERDRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*SATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGVGKRN\*QLHRLNIQLN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRAI

>B.1979.KJ704789.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQTHQVALSKQ\*VVHVMQSLQILALVALVVAIIIVIVVWTIVFIEYRKILRQRKIDGIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*\*FEECY\*YH\*\*\*LERRNKKLLFQYHHKHKR\*GSERICTFL\*T\*CSTNR\*\*\*YYYQI\*VDKL\*HLSHYTGLSKGII\*ANSHTLLYPGWFCDSKV\*R\*EVQGKRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*QFHGQC\*NHNSTAEGICKN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTL\*P\*\*STMG\*HFKTDSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*Y\*RVK\*H\*RKYHNHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*KRE\*DRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSCVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIR\*VGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1979.KJ704790.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAIVALVVAIIIAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSNIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FKECY\*YH\*\*\*RGNDGERRNKKLLFQYHHKHKR\*GAERICTFL\*T\*CSTNR\*\*\*Y\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*QFQ\*QC\*NHNSTAERICRN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTL\*P\*\*SKMG\*HFKTDS\*KIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLDLEWY\*RVK\*H\*RK\*YHTPMQNKTNYKHVAGSRKSDVCPSHQRTN\*MFIKYYRAAINKRWWY\*REQRDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIQSI

>B.1979.KJ704791.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRSPQDSQTHQVSLSKQ\*VVHVMQSLHILAIVALVVAIIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDINDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*YH\*\*\*RGNDGGRRNKKLLFQYHHKXKRXGAERICTFL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLYPGWFCDSKV\*R\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*QFHGQC\*NHHSTAERICRN\*LYKTQQQYKKKYKYRTRESILYNRRNNRRYKTSTL\*P\*\*SKLG\*HFKTDS\*KIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*FLEWY\*RVK\*H\*RKYHTHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*QERYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIQSL

>B.1979.KJ704792.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRASQDSQTHQASLSKQ\*VVHVMQSLQILAIVALVVGAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CNRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLHCFEECY\*YH\*\*XSGNDGGRRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CSTNR\*\*\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLYPGWFCDSKV\*R\*EVQWKRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*QFHGQC\*NHNSTAEGICRN\*LYKTQQQYKKKYKYRTRESILCNRRNNRRYKTSTL\*P\*\*SKME\*XFKTDSYKIKTTIXE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLECYWRVK\*H\*\*RKYHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*MFIXYYRAAINKRW\*\*\*RERDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISGSDLX\*HDLDGVGKRN\*QLHRLNIHLN\*RIAEPTRKK\*TRIIGIR\*VGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1979.KJ704793.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSQTHQVSLSKQ\*VVHVMQSLQILAIVALVVAAIIAIVVWAIVFIEYRKILRQKKVDRLIDRIRERAEDSGNESEGDQEELSVLVEMGHHAPWDVDDL\*YCRKIVGYSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKVH\*FEECY\*YQ\*\*LGRDGERRNKKLLFQYHHKHRK\*GAERICTFL\*T\*CSTNR\*\*\*YKLYVDKL\*HLSHYTGLSKGIL\*TNSHTLLYPGWFCDSKV\*R\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*KFHGQC\*NHNSTAEGICRN\*LYKTQQQYKKKYTDRTGESILYNRRNNRKYKTSTL\*P\*\*RKMG\*HFKTDSCKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLE\*Y\*RVK\*QWNYHTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*RERDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIGYVGKFVELV\*HNKMAVVYKNIHNDSRRFSRFKNSFCCTFYSE\*G\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1978.KJ704794.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTRKGLGISYGRKKWRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILALVALVVAIIIAIVVWSIVFIXYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDINDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*YH\*\*\*RGNDGERRNKKLLFQYHHKHKR\*GAXRICTFL\*T\*CSTNR\*\*\*YYYQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLYPGWFCDSKV\*R\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*QFHEQC\*NHNSTAERICRN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSTL\*P\*\*SKMG\*HFKTDS\*KIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLECY\*RVK\*HXRKYHTHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*HERDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*\*LHKLNIHLN\*RIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1978.KJ704795.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTNKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILALVALVVAIIIVIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDINDL\*CCRKIVGHSLLWGTCVERSNHHSVLCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*YH\*\*\*RGNDGERRNKKLLFQYHHKHKR\*GAERICTFL\*T\*CSTNR\*\*\*YYYQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLYPGWFCDSKV\*R\*EVQWNRTMYNGQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*QFHEQC\*NHNSTAERICRN\*LYKTQQQYXKKYTYRTRESILYNRRNNRRYKTSTL\*P\*\*SKMG\*HFKTDS\*KIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLECY\*RVK\*H\*RK\*HTHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*QERDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGIGAVFLGFLGAAGSTMGAASMTLTVQARLLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLTDQQLLGIWGCSGKLICTTTVPWNVSWSNKSLNKIWNNMTWMEWEREINNYTSLIYTLIEESQNQQEKNEQELLELDKWASLWNWFDLTKWLWYIKIFIMIVGGLVGLRIVFAVLSIVNRVRQGYSPLSFQTRLPAPRGPDRPEGIEEEDGERDRDRSSXL

>B.2006.KJ769147.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMKKGLGIFYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVNVMQALTILAIVALVVAAIIAIVVWTIVLIEYRKILRQTG\*LIE\*EKDQKTVAMRVTGIRKTYQHLWRWGTMLLGMLMICSAAKNLWVTVYYGVPVWKETTTTLFCASDAKAYDTEAHNVWATHACVPTDPNPQEVELENVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTDVKNATMEGKGGELKNCSFNITTSIRTEVKDYALFNKLDVEPMTNDNTSNTRPSSTNNTSNTNYTSYRLLHCNTSVITQACPKISFEPIPIHYCTPAGFVLLKCKDKKFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSSNFSDNARIIIVQLNESVEINCTRPNNNTRKRVSLGPGRVWYTTGQIVGDIRQAHCTINSTKWNRTLELLTKKLREQFGNKTIVFNQSSGGDPEIVMHNVNCGGEFFYCNTSQLFNSTWYSNGTRNDTVGNGNITLPCRIKQIVNMWQEVGKAMYAPPIGGQIRCSSNITGLLLTRDGGNNQSNITTETFRPGGGDMRDNWRSELYKYKVVKIEPLGIAPTKAKRRVVQREKRAVGMIGAMFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNKSLEEIWDNMTWMQWEREINNYTKEIYTLIEESQNQQEKNELELLELDKWASLWNWFDITKWLWYIKIFIMIVGGLIGLRIIFAVLSIVNRVRQGYSPLSLQTHFPAQRGPGRPEGIEEEGGERDRDRSERS

>B.2010.KJ849767.-

MEPVDPKLEPWKHPGSQPRTACNKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRASQGSQTDQDPLSKQ\*VIHVMYSLTILAIAALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLVDRILERAEDSGNESEGDQEELSELMERGHVAPWNVADL\*CYRKIMGHSLLWSTCVERSNHYSILCIRC\*GISYRST\*CLGHTCLCTHRP\*PSRNKFGKCDRKF\*YVEK\*HGGTNASGYN\*FMG\*KPKAMCKINPTLCYFKMHRFQW\*RY\*HQ\*HTAYYH\*\*YQ\*\*\*H\*FGNGSRRNKKLLFQCHKRRRQVSERICTFLQT\*FSNNQ\*\*G\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*EKLHWNRTM\*KCQHSTMYTWN\*ASSINSTTVKWQFGGRRGST\*ICKFLRQY\*NHNSTADKTCKYYLYEAQQQYKKRYTYRTRESILCSRRHNRKHKTSTL\*P\*\*SRME\*HFKTDSYKIKRTI\*\*NNSLQSVLRRGPRNCNA\*F\*LWRGIFLL\*YNTTV\*\*QVEYDC\*LDYECYYRDR\*YHTPMQNKTNYK\*MAGSRKSNVCPSHRRTNQMLIKYYRATINKRW\*\*PD\*WDRDLQTRRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSNNNGSYVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQTAPGQNPGCGNIPKGSTAPGNLGLLWKTHLHHYCALE\*\*LE\*\*NSEYHLG\*HDLDAVGQRN\*QLHRHNIHFT\*RIAEPTGRQ\*EKIIGIG\*VGQFVELV\*HNKLAVVYKNIHNDSSRLSRFKNSLYHTFYSE\*S\*AGILTIVVSDPPPSPAGTRQARRNRRRRWRERQRQIRTI

>B.2010.KJ849780.-

MEPVDPSLEPWQHPGSQPKTPCTKCYCKKCCYHCQLCFIKKGLGISYGRKKRRQRRRSPQSSETHQVSLSKQ\*VVYVMQSLQIAAIVALVVAALIAIVVWTIVLIEYRKILRQRKIDRILDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDXNDL\*CCRTIVGHNLLWGACVERSHHHPILCLRC\*SS\*QRGT\*YLGHTCLCTHRP\*PTGSTIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CE\*ECDL\*\*YDRA\*\*WLGRQRGHEKLLFQCHKTRR\*EV\*GKCTFL\*I\*CKTIRKC\*\*\*HKLYIDNL\*YLSHYSGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTM\*QCQHSTMYTWN\*ASSVNSITAKWQSSRRRDSN\*I\*KFLKK\*KNHNSTAE\*NYRNQLYKTQQQYKKKYISRAF\*SNLCNRRHNRRYKTSTLHT\*WNKVAKHFKADSSQIRRTIYKQNNKLYSTLRRGPRNCTVHF\*LWRGIFLL\*YITAV\*\*YLDTG\*\*HLDYKGG\*Y\*\*KYYTPMQNKTNYKHVAGSRKSNVCTSHQGTNYMFIKHYRDAINKRWW\*\*\*HI\*HI\*NLQTWRRRYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKXSSGXXRSXXPWXLGSSRKHYGRSVIDADGTGQTIIIWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCRKIPTGSAAPRDLGLPWKTHLXHCCALEC\*LE\*\*ISE\*NLG\*HDLDTVGERD\*QLHRTNI\*LN\*RIAKPTRKE\*TRIIGIR\*VGKFMELV\*HNKMAVVHKDIHNDSRRLSRIKNSFFCTFYSE\*S\*AGILTIIVPDPPPRTEGTRQARRNRRRRWRERQRQIHTL

>B.2010.KJ849784.-

MEPIDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQDSLSKQ\*VVHVMQPLVILGIVALVVAAIIAIIVWSIVLIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*GYR\*LVGHSLLWGTCVERSNHYSILCIRC\*II\*QRGT\*CLGHTCLCTHRPQPTRSRIGKCDRIF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*L\*WY\*Y\*YH\*\*CH\*YHQHCLPQC\*H\*\*DRETRNEKLLFQCHRRHKR\*DKKRICSFL\*T\*CRANK\*\*\*YQL\*IDKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*DVQWKRTM\*KCQHSTMYTWN\*ASSLNSTAVKWQFSRRRGNN\*I\*KFHKQCQNYNSTAE\*ICNN\*LYKTQQQYKKRYTFRTRECISCTPKSNRRYKESIL\*H\*\*SRME\*NFRTNSKKIKRTI\*E\*NNSL\*PILRRGPRNCNAQF\*LWRGIFLL\*HNKTV\*\*\*LAS\*WFSKYNYRRPYQTPMQN\*TNCKHVAESRKSNVCPSHRRTD\*MFIKYYRTAISKRWW\*WW\*\*HKHDRDLQT\*RRKYEGQLEK\*II\*I\*SSKN\*TLRNSTHQGKEKSGAERKKSIGIRSVVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQLAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGPTAPGNLGLLWKTHLHHYCALEC\*LE\*\*ISGRYLGQHDLDGLGKRN\*\*LHRHNILFA\*KIAKPTRKE\*TRFIGTR\*MGKFMELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRRIREI

>B.2010.KJ849785.-

MEPVDPSLEPWKHPGSQPRTACTTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRAPQDSEIHQVSLSKQ\*VVHVMIPLTAITIVALVIVAIIAIVVWTIVFLEYRKILRQRKIDRLIDRIREREEDSGNESDGDREELSALVERGHLAPWNVDDL\*RYRTIVGYSLLWGTCVEGGNHPSILCIRC\*GI\*HRGTQCLGHTCLCTHRP\*PTRSTIGECDRKF\*HVEK\*HGRTDA\*GYN\*FMG\*KPKAMCKNNPTLCCLKMH\*L\*CH\*YQ\*N\*YQ\*Y\*MERNGGRNKKLLFQHYHTNTK\*GANRICTI\*CT\*YSTNR\*\*\*K\*EYK\*\*W\*KLYVSKL\*LLSH\*TGLSKDVL\*TNSYTLLHPSWFCASKM\*\*\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRHSN\*I\*KFNEQC\*KYNSTAE\*ICRN\*LYKTQQQYKKKYTYSMGASIVCNRRNNRRYKTSTL\*P\*\*SSMGKSFKKNSCKIKRTL\*\*DNSL\*SILRRGSRN\*NAHF\*LWRGIFLL\*YIKIV\*\*YLA\*\*YFGK\*YWVK\*YSE\*DYYTPMQNKTNYKQVAGSRKSNICPSHQRTN\*MYIQYYRVDINKRWG\*\*\*\*EHNRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRTSTHQGKEKSGAERKKSNNTGSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSAAAEQSAESY\*GATAYIATHSLGR\*AAPGKSPGCGEIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*HLGEHDLDGVGETN\*\*LHRGNIQIT\*SIAKPARKE\*TRFIGIR\*VGKFMELVYTNKLAMVYKNIHNDSRRLNRFKNSFYCNLFSE\*S\*AGILTIVIPDPPPNPEGTRRARRNRRRRWRERQRQIQKI

>B.2010.KJ849786.-

MEPVDPSLEPXKHPGSQPRTACNKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGPYQDSETHQRALSKQ\*VVHVMLSIAIAALAALVVAAILAIVVWTIVYIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSGLMGMGHHAPXDVNDV\*CYKLVGYSLL\*GTCVERSNHHFILCIRC\*GL\*YRGT\*CLGHTCLCTHRPQPTRSSTRKCDRKF\*HVEK\*HGRPNA\*GYNQLXGSKPKAMCKINPTLCHFKLH\*CXEYYY\*E\*\*\*\*LETDRERRNEKLLFQYLHRHE\*\*EAERICNFQ\*T\*CSINRE\*QY\*L\*INKL\*YLSHYTGLSKDKF\*SNSYTLLYPGWFCDSKV\*R\*NIQWIRTMYKCQHSTMYTWN\*TSSVNSAVIKWQSSRRRCSNQI\*QFHRQC\*NHNSTAEXTCRN\*LYKT\*QQYKKKYNHXTRKNIFCNRRHNRRYKTSSL\*H\*\*SKME\*HFKTGSCKIKRTI\*\*NNNLSELLRXGPRNCNALF\*L\*RGILLL\*YXTTV\*\*YLE\*\*\*YXX\*LNTG\*\*\*DNHTPM\*NKTNYKHVAGSGKSNVCPSHQRTD\*LYITYYRITINKRWWX\*Q\*XQRDLQTCRRRHEG\*LEK\*II\*I\*SSKN\*TLXSGTHRGKKKSGAERKKSSGNTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSAAAEQSAEGY\*GTTAFVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*NSK\*HLE\*HDLDGVGKRN\*KLHKCNIHFT\*RIAKPTG\*E\*TRTIGIRSVGKFVELV\*HIKLAVVYKNIHNDSRRLDRLKNNFCCAFHSK\*S\*AGIFTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.2010.KJ849788.-

MEPVDPRLEPWKHPGSQPKTPCNSCYCKKCCWHCQVCFMTKGLGISYGRKKRRRRRSPQDSQTHQADLPKQ\*VVYVMQALEIFAIAALVVAAILAIVVWSIVIIEYRKILRQRKIDRLIDRLAERAEDSGNESDGDQEELSALVDMGHHAPWVINDL\*CCSTMVGHSLL\*STCMERSRHHFILCIRC\*SI\*\*GGT\*CLGHTCLCTHRPQPTRSGIGKCDRRV\*HMEK\*YGRTNA\*GYN\*FMG\*KPKTMCKVNPTLCYSKLH\*LEEY\*\*YR\*RRNKKLLFQGHHKHKR\*GGERICSFL\*T\*CSTNK\*\*\*\*\*YKL\*\*LYKL\*VDKL\*HLSHYTGLSKGNF\*ANSHTLLCPG\*FCDSKV\*Q\*DIQWKRHM\*QCQYSTMHT\*N\*TSSINSTAVKWQSSRRSYSA\*I\*QFHK\*C\*NHNSTVERTCKN\*LYKTLQQYKKRYTYKTRESILYNRRHNRRHKTSTL\*Y\*WSRMD\*NFRTGSYKIKRTI\*K\*NNSL\*SLLRRGPRDCNTQF\*LWRGIFLL\*YNTTV\*\*YLA\*\*WY\*A\*\*YLVK\*HNHTPMQNKTNCKPVAASRKSNVCPSH\*WIY\*LFIKYYRATINKRW\*YQQ\*Q\*\*H\*SL\*A\*RRRYEGQLEK\*II\*I\*SSTT\*TTRSSTNQGKEENGAERKKSSGTGSSVHWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAKQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSAAPGDLGLLWKIHLHHFCALEC\*LEWE\*ISARHLG\*HDLDAVGKRN\*\*LHRHNIQLT\*KIAEPTGEK\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFCSK\*S\*AGIFTIIVPDPPPSTEGTRQARRNRRRRWRERQRHIRTI

>B.2010.KJ849790.-

MDPVDPSLEPWKHPGSQPKTACTKCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRPPQHSQTHQASLSEQ\*VVYVMQSLEILSIVALIVAAILAIVVWTIVFIEYRKILRQRKIDQLLERIAERAEDSGNESDGDQEELSVLVERGHLAPWDVNDL\*CCKKFVGYSLLWGACVERSNHHPILCIRC\*LLGYRGT\*CLGHTCLCTHRPQPTGSRLGKHDRRF\*HVEE\*HGRTDA\*GCNQFMGSKPKAMCEINPTLCYFKMH\*CND\*\*YQE\*Y\*YHSGSSCKYGERNDKLLFQYHHKSRK\*DAERICTFL\*T\*CSTNR\*\*KLYLDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCASKM\*G\*KIQWDRNM\*KCQHSTMYSWN\*ASGVNSTTVKWQSSRG\*GNN\*I\*KFHKQC\*NHNSTTE\*ICIY\*LYKTQQQYKKKYTSRMGESILRNRGNNRRYKTSTL\*H\*\*KPME\*NFRTGS\*KIKRTI\*QNNNL\*SFLRRGPRNCDS\*F\*LWRGIFLLQYNKAV\*\*F\*\*YLE\*Y\*RVK\*HNHTPMQNKTNCKQVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWYKE\*VWRK\*V\*DLQTCRRGYERQLEK\*II\*I\*SSTN\*TIRSSTHQGKKKSGAERKKRSNTRGFIPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISGGYLG\*HDMDAVGERN\*QLHKRNIPLN\*KGAKPTRTE\*TRIIGIGFVGKFMELV\*HIKMAVVYKNIHNDSRRLSRIKNSFYCTFYSE\*SQAGILTLIIPDPPPSPEGTRQARRNRRRRWRERQRHIRTI

>B.2010.KJ849796.-

MEPVDPRLEPWKHPGSQPETPCTKCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRATQNGPTHQDPLSKQ\*VVHVMQSLQIVAIAALVVVAIIAIVVWTIVYIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDHEELSALVLEMGHDAPWNVDDL\*C\*PMVGYSLLWGTCVERSKHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRNSNGKCDRKF\*CVEKYHGRTDA\*GYNQYMGSKPKAMCKINPTLCYFKL\*\*CS\*QGQWH\*Y\*\*YSQ\*\*HNWQRHWYY\*\*VRHERRNKKLLFQYHHRHRKQDEKRICTF\*\*T\*CSTNR\*K\*YYRVYVGKL\*HLSH\*TGLSKDIL\*TNSHTFLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSTTVKWQLSRGRGNN\*I\*KSHEQC\*NHNSTAK\*NCRNYLYKTQ\*QYKKKYTYGIGKSILCNRRYNRRYKTSTL\*H\*\*SKME\*HFNKHSYKIKRKI\*\*NNNL\*SILRRGPRNCNAHF\*LWRGIFLL\*FNTAV\*\*FLAF\*WFLVW\*\*T\*KK\*NCQYHTPMQNKTNYKHVAGSRKSNVCPSHQGTNYVQIKYYRAVTSKRWW\*\*\*I\*NLQTWRRRYEGQLEK\*II\*I\*SSTN\*AIRNSTHHGKEKSGAERKKSSGDRSYDPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GAPAYVATHSLGH\*AAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHH\*CALE\*\*LE\*E\*NRSKRNLG\*HDLDRVGERN\*QLHKRNTQIT\*RIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYQNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIIPDPPPSRKGTRQARRNRRRRWRERQRQIHSI

>B.2010.KJ849799.-

MEPVDPRLEPWQHPGSQPRTACTTCYCKKCCYHCQACFLTKGLGISYGRKKRRQRRRTPQGSKTHQDSLPKQ\*VARVMQTLIIASIVALVVVAIIAIAVWSVVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSEXLEMGHLAPWDVNDL\*CYRXIVGHSLLWGTCVERSNHHSILCIRC\*SL\*YRSAQCLGHTCLCAHRPQPTRSKIGKCDRKL\*CVEK\*HGRPDA\*GYNQFMGPKPKAMCKINSTLCYFKLH\*SIC\*\*YR\*WPECY\*CH\*\*\*SYRGEDSKRRSKKLLFQCHHSH\*R\*GEERICIFL\*P\*CSTNN\*EC\*\*\*\*L\*VGKL\*HLSHYTGLSKDIL\*SNSHTLLCPGWFCDSKV\*Q\*DVRWKRTM\*QCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGST\*X\*KFHGKX\*NHNSAAGNACKN\*LYKAQQ\*YKKKDTHRTHRTRESILWNRNNRRYKTSTLQH\*\*S\*LE\*XFKXGSX\*IKKXIXX\*NNNL\*EFLRRGPRDCNAQL\*LWRGIFLL\*YNXIV\*QYLV\*QYLEXYXEWXYRGK\*R\*HHTPMQNKTNYKHVAASRKSNVCPSHQRKN\*MFIKYYRAAINKRWWW\*WVQY\*\*DL\*TWRRRYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAKRKKSSGNRSFVPWVLGSSRKHYGRSVHDADGTGQTIIVWYSATAEQFAESY\*GATAPVATHSLGHQTAPGKTPGCGKIPNGSTAPRDLGLLWKTHLHH\*CALEC\*LEQ\*NL\*\*NLAEHDLEGLGKRN\*QLHRINI\*LT\*KIAKPTRKE\*TRIIGIG\*MGKFVELV\*YNTLAVVYKNIYNXSRGLDRFKNSFYCTFYSE\*S\*AGILTFIVSDPLPSPKGNRQARRNRRRRWRRRQRQIQDI

>B.2010.KJ849801.-

MEPVDPRLEPWKHPGSQPETPCNKCYCKYCCFHCQVCFTTKGLGISYGRKKRRQRRRSPQDGQTNQDSLSKQ\*VVHVMLPLQIAAIVXLVVVAIIAIVVWSIVFIEYRKILRQRKIDRLLDRIIERAEDSGNESEGDEEQLAALMEMGHHAPWDVNDL\*YCRTVVGHSLLWXTCMERGNHHSILCIRC\*SICHRDAQCLGHTCLCAHRP\*PTRNSIGKCD\*KF\*HVEK\*YGRPNA\*GYN\*FMGSKPKAMCKNNPTLCHFKLL\*CKCK\*DSLQLHSNQ\*KSKQ\*WLGRYEGRNEKLLFQYHHKHKR\*NKEGTCTFL\*T\*CNANRWG\*FNQFKLFNLYIDKL\*HLNHYTGLSKGIL\*TNSNILLCPGWLCDSKM\*\*\*DVQWNRTM\*QCQHSTMYTWN\*ASSVNSTAVKWQSSRR\*DSNQI\*KFHKQC\*KHNSTVERTYKNQLYKTQQQYKKRCTYRTRESILYNRRNNRRHKTSTLQP\*\*SRLGKNAKTDS\*KIISICK\*HKRNSL\*STCRRGPRNCNAQF\*LWRGIFLLQYITAV\*LYF\*\*YSVKYHRVQ\*HSKYY\*PYHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*LFIKYYRADTNKRWWVQWVQVQ\*D\*DFQTCRRRYEG\*LEK\*VI\*I\*SSKNSAIRSSTHQGKXXSGAERKEGSNTRSYVPWVLGSSRKHYGRSINNADGTGQTTIVWYSATAKQFAESH\*GATASVATHSLGHQTASGESPGCGNIPKGSTAPRNLGLLWKTHLHHCCALE\*\*LE\*\*XXX\*DLGXXDLDAVGERN\*KLHRHNIHLN\*RITESAGKE\*TRIIGIG\*VGKFVELVLHNKLAVVYKNIYNDSRRLNRFKNSFCCNFYSE\*S\*AGILTIVIPDPPPSTEGTRQARRNRRRRWRKKQRWIHSI

>B.2010.KJ849803.-

MEPIDPSLEPWKHPGSRPKTACNKCFCKKCCYHCLHCFVTKGLGISYGRKKRRQRRRTPQDSPTNQVSISKQ\*VINVMQPIQILAIAALVVVAIIAIIVWSIVLIEYRKILRQRRIDRLLDRILERAEDSGNESEGDQEELSALVEMGHHAPWNVNDL\*CYRTIVGHSLLWGTGVERSNHHSILCIRC\*RI\*HRGT\*YLGHTCLCTHRP\*PTGNKLGQCNRKF\*YVEK\*HGRTDA\*GYN\*FMGSKLKAMCKINPTLCYFKLH\*LERQRHCCQRHCHK\*\*FEYEGRNEKLLFQYH\*KHRK\*EAKRICTV\*\*T\*CNINR\*\*\*\*YKLYDNKL\*HLSH\*TGLSKSNL\*TNSHTLLCPGWFCDSKV\*\*\*GFQWNRTMQKCQHSTMYTWN\*ASSVNSTAAKWQFSRRGSN\*I\*KFHKQC\*NYNSTAK\*NCSN\*LYKTQQQYKKKYKYWTRESILCNRRHNRRHKKGTLYP\*\*GRLE\*HSKTDS\*SIKRTIWGE\*KDSL\*SVLRRGPRNYTAHF\*LWRGIFLL\*YIRAV\*\*YLVWE\*DCRGK\*YKY\*YHTPM\*NKANYKQVAGSRKSNVCPSHQGTNKMFIKYYRDTTNKRWW\*\*QYRDRDLQTWRGRYEGQLEK\*II\*I\*SSRN\*AIRNSTYQGKKKSGAERKKSNNTGSYVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQTAPG\*SPGCGKIPTGSTAPRDLGLLWKTHLPHCSALEC\*LE\*\*IYG\*HLE\*HDLDGVGQGN\*\*LHKINI\*LT\*RIAKPTRQE\*KRIIRIG\*VGKFVELV\*HI\*LVVVYKNIHNDSRRFSRFKNSVYHTFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRRIQSI

>B.2010.KJ849804.-

MEPIDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCPKCFTTKALGISYGRKKRRQRRRAPKHSQTHQDPLSKQ\*VANVMQPVVILAIVGLVVAAIIAIVVWTIVLIEYRKILRQRKIDSLLDRIIERAEDSGNESEGDQEELSALVEMGRLAPWNVDDL\*CYRTVVGHSLLWGTCVERSNHYFILCIRC\*GV\*NRGT\*CLGHTCLCANRP\*PTRSSIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFRVH\*GEYYWYQ\*NWYL\*Y\*SQLGRNEKLLFQCHHKHRR\*\*EDRICIFL\*S\*LSTNRTK\*Y\*VYVEKL\*HLSH\*TGLPKGNL\*TNSHTLLCPSWFCDSKM\*\*\*NVQWNRTMYKCQHSTMYTRN\*ASSVNSTTVKWQSSRRRGSN\*I\*KFHR\*C\*KHNSTAEPICSNYLYKAQQQYKKKYTYRIWENNLCNRRNNRRYKTSIL\*Y\*\*RKMEYHFKTHS\*KIKRTIWE\*\*NNKI\*\*ALRRGPGNHNAQF\*LWRGIFLL\*YITAV\*YYLYRVK\*HHKYQQ\*\*HHKYHTPMQNKTNYKKVAGSRNSNVCPSHQRSN\*MCIKHYRADNNKRWWKG\*CKQ\*RYRDLQTSRRRYERQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSDTGSCVPWVLGNSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECYLE\*\*ISE\*HLG\*HDLDAVGERN\*QLHRHNIHLT\*RIAEPTRKK\*TRIIAIG\*VGKPVDLV\*HNTLAVVYKNIHNDSRRFNRCKNNFCCAFYSE\*S\*AGILTIVIADPPPNPTGTRQARRNGRRRWRQRQRQIQTV

>B.2010.KJ849805.-

MKPVNPKLXPXKHPXSQPNSPCTNCYCKKCXLHCQVXFXKKGLXISYGRKKRRQRXXAHQDRSTDQVSLSKQ\*VVHVMQTLAIIAIAALVVAAIIAIVVWSIVLVEYRKILRQRKIDKIIARIIERAEDSGNESEGDQEELSALVVEMGHDAPWNVDDL\*C\*KRKIVGHCLLWGACVERSNHHSILCIRC\*SI\*H\*GT\*CVGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*VVGSKPKAMCKINPTLCHFKLH\*L\*C\*Q\*C\*\*\*Y\*CXQCMXRH\*XLLFQYHHRHRK\*DEKGVCIF\*YT\*CNTNRG\*\*YKLYIDKL\*YLSHYTSLSKGKL\*PNSHTLLCPGWFCDSKM\*\*\*GVQWNRTM\*KCQHSAMYTWN\*ASSVNSTTVKWQSSRRRNSN\*I\*\*YHKQC\*KHNSTAE\*DCTN\*LYKTQQQYKKKYTYRAWKCMVYNRRNNRKYKTSTL\*H\*\*KRLGKNFKEGSYKIKGTI\*\*NNNL\*SILRRGPRNCNAHF\*L\*RGIFLL\*HNTVV\*QYVERE\*DCNEQWHYHTPMQNKTIYKQVAGSRXSNVCPSHQRKH\*LFLRYYRAAINKRWWIQ\*\*DGFRNLQTCRRRYEGQLEK\*II\*I\*SSKN\*ATRNSSLQGKEKSGAERKKSSTRSYVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSAAAKQFAEGY\*GATAPVAAHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLQHCCALEC\*LE\*\*ISK\*YMG\*SNLDAVGKRNRKLHKHNIHIT\*GIAKPARKK\*ARLIGIGSVGKLVELV\*YIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTFIIPDPPPSREGTRQARRNRRRRWRERQRRIQEI

>B.2010.KJ849807.-

MEPVDPRLEPWKHPGSQPRTPCSNCYCKRCCLHCQVCFITKGLGISYGRKKRRRRRPPQDSEDRQIPLPKQ\*VVHVMQSLKVVSIAALVVAAIIAIVVWSIVLIQYRRLLRQRKIDRLIDRITERAEDSGNESEGDYDELSALVEMGHLVPRDINDL\*C\*RQFVGHSLLWGTCVERSHHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRSNAGGYNQFMGSKSKAMCKTNPTLCYVKLQQL\*\*Y\*DQ\*Y\*DQ\*\*NNG\*\*\*\*\*REVNGARRDKKLLFQYLLKHKG\*EAERICTFL\*A\*CNTNRE\*\*CNLYVDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*KVQWIRTMSQCQHSTMHTWN\*ASSVNSIAVKWQSSRRRDSN\*I\*KSHKQC\*NHNSTAERTCKHYLCKTQQQYKKKHKYGSRESMVYERRCNRKYKTSTL\*Y\*WKTME\*HLISGS\*KIT\*TV\*E\*NNSL\*SICRRGPRNCNAHV\*LWRGIFLL\*YNTTV\*\*YLE\*YMGI\*HSYRKHNYR\*\*NHTPMQNKTNYKQVAGSRKSNVCPSHRRTN\*MLIKYYRTTINKRWGC\*QQQPV\*DLQTWRRRYER\*LEK\*II\*IQSSKN\*TVRNSTHQGKEKSGAEGKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATAYVAAHSLGHQAAPSKSPGYRKIPKGSTAHGNLGLLWKTHLHH\*CALEC\*LE\*QKFECYLG\*PDLDAVGKRN\*QLHRINIHLT\*RLAKPARKE\*TGLIGIR\*MGKFVELVQHN\*LAVVYKNIHNDSRRLGRLKDNFFCTFYSK\*S\*AGIFTIVISDPPPSTEGTRQARRNRRRRWRDRQRHIQSI

>B.2010.KJ849808.-

MDPVDPNLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSETHQDSLSKQ\*VLHVMQALQISAIVALVVVTIIAIVVWTIVLIEYRKLLRQRRIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHVAPWDVNDL\*CYRKVVGHSLLWGTCVERSKHHSILCIRC\*SS\*HRGT\*CLGHTCLCTHRP\*PTGSSIGECDRKF\*HVEK\*HGRTNA\*GYNQSVGSKPKAMCKINPTLCYFKLH\*LDGK\*HWEGYSRW\*\*Y\*LGKYDGRSKKLLFQCHHKHRK\*DA\*RICTFL\*T\*SNANK\*\*\*CYKIYINKL\*YLSHYAGLPKGIL\*TNSHTLLYPGWFCAPKM\*\*\*KIQWNRTM\*KC\*HSTMYTWN\*ASSVNSTTVKWQSSRRGDSD\*VRKFHGQC\*NHNSTTE\*NYRN\*LYKTRQQYKKKYNYRTGESILCNRRHNRRYKKSILYS\*\*NKVGRHFRKGS\*KIRRTI\*E\*NNNNL\*\*LLRRGPRNCNAQFQLWRGIFLL\*HNTAV\*WHMVQWYMDNTAA\*WDYHTPMQNKTNYKQMAGSRKSNICPSHQRTN\*LYIKYHRTAINKRWGGWPERE\*NLQTWRRKYERQLEK\*TI\*I\*SSKN\*TIRSSTHPSKEKSGAERKKSSGNNRSYVPWVLRSSRKHYGRSVADADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ILCRHLGQHDLDAVGERNWQLHRHNIHLT\*RSAKSTRKE\*TRIIAIRYVGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCTFYSE\*S\*AGILTIIVPDPLPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2010.KJ849811.-

MEPVDPRLEPWKHPGSRPRTACNTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSEAHQVSLSKQ\*VVHVMPALLISAIVALIVAAILAIIVWTIVIIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHDAPWNVNDL\*GCRRTIVGHSLLWGTCVEGSKHHSILCIRC\*SI\*HREP\*CLGHTCLCTHRPQPTRTSIEKCD\*KF\*HVEK\*HGRTNASGYNQFMG\*KPKAMCKINPTLCHFKLH\*FEL\*\*\*YY\*\*DFLYRSTDEGGNKKLFF\*YHHKHKK\*DA\*GICTFL\*T\*CNTNR\*YKLYIGKL\*YLSHYTGLSKDIL\*TNSYTLLYPGWFCDSKM\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTTVKWQSSRRRDSN\*I\*KSHRQC\*NYNSTPERVCTN\*LYKTQQQYKKKYTYGIWESILCNRRNNRRYKTSTL\*PQ\*NKMDNHFRKGSHKTKKNI\*QNNSL\*KFLRRGPRNCNAHF\*LWRGVFLL\*YNRTI\*FHLEWYCW\*EQ\*Y\*Y\*GRKHHTPM\*NKTNCKQMAGSRKINVCPSHQWIHQVCIKYYRAAINKRWWYY\*\*N\*PQRDF\*TFRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAKRKKSSGSNRSYVPWDLGSSRKHYGRSVNNADGTSQATLVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLPHCCALEC\*LE\*\*KLK\*HMG\*HDLDGVGKRN\*QLHNRNI\*FT\*RIAIPTGKE\*TRLIGFG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNIFYYNFFSE\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRERQRTINRL

>B.2010.KJ849812.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKVCCLHCQVCFTRKALGISYGRKKRRQRRRAPEGSPPHQVPLSKQ\*VAHVMQPLVIVSIVALVIVAIIAIVVWTIVFIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSALVDRGHLAPWNVDDL\*C\*RNVGYSLLWGTCVERSNHHTILCIRC\*SI\*TRDA\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQHGRTDA\*GCNQFMG\*KPKAMCEINPTLCYFKLH\*LL\*E\*YRL\*YY\*\*Q\*\*\*FG\*GRNKKLLFQYHHTDKK\*GAKRTGTF\*\*T\*YSTNR\*\*\*\*HKLYVDKL\*HLSH\*AGLSKGIL\*TNSHTFLYSGWFCDSKV\*\*\*KVQWNRTM\*KCQHSTMYTWN\*ASSVNSASVKWKSSRRRGSN\*V\*KFHKQC\*NHNSTAE\*NCKD\*LYKA\*QQHKKEYTSRMGENIICNRTNHRRYKTSTL\*P\*QSRMGKHFRKDSCKIRRTV\*EQNNNL\*SILRRGPRNCNAHF\*LWRGILLL\*YNTAV\*\*YLAV\*\*YLEYYYTGK\*YWKYHTPMQNKTNYKQMAGSRKSNVCPSHQWKD\*LFIKYYRTAINKRWW\*Y\*W\*Q\*HLRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVXXSATAKQFAEGY\*XATASVATHSLGHQAAPGKSPRCGKIPR\*STAPRDLGLLWKTYLHHCCALE\*\*LE\*\*ILSIYLG\*HDLDGVGKRNWQLHKLNIHLT\*KIAKPTGKE\*TRIIRIG\*VGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGILTIVIPDPPPSPEGTRQARRNRRRRWRERQRDLHKI

>B.2010.KJ849814.-

MEPVDPRLEPWKHPGSQPRTPCTKCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRSSQGSKTHQGTISKQ\*VLYVMNSLQILAIAALVIAAIVAIIVWTIVLIEYRKILRQGKIDRLLDRIRERAEDSGNESEGDQEELSALVERGHDAPWVVNDL\*CRRHVGHSILWGTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRP\*STRSKIGKCDRKF\*HVEK\*HGGPNA\*GCNQFMGSKPKAMCKINPTLCHFKLH\*L\*KEFNEQ\*CH\*\*SNRLRHEKLLFQCYYKNRK\*DAKRICTFL\*A\*CNTNR\*\*W\*\*YRLHIDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*ELQWNRTM\*KC\*HSTMYTWN\*ASSVNSIVVKWQSSRNRDSDQI\*EFHK\*C\*NHNSAAERICSD\*LYKT\*QQYKKEYIFRIWESAICNRRNNRKYKTSTL\*H\*\*SKMGNYFKQDC\*KIKKTI\*GEHNNNL\*QFFRRGPRNCNAHF\*LWRGIFLLQYNTAI\*LDNWQVKYNPK\*\*\*NYYNPMQNKTDYK\*VAGSRKINICPSYQRKY\*LFIKYYRTDINKRWW\*SQ\*N\*KQD\*D\*DFQTWRRRYEGQLEK\*II\*I\*GSENSAIRNSTHQGKAKSGAERKKSSGNTRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSAAAEQSAESY\*GATASVATHSLGHQTAPGKSPGSGKIPMGSTAPRDLGLLGKNHLQHCCALEC\*LE\*\*IS\*HNLG\*HDLDAVGERN\*KLHRLNIQFA\*RIAEPARKK\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFDCTFYSE\*S\*AGILTIVIPDPPPSSEGTRRARRNRRRRWRARQRQIRTI

>B.2010.KJ849815.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFXKKGLGISYGRKKRRPRRRSPPDHQSHQISLSKQ\*VAYVMQPEVILAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVQMGNHAPEMGHHAPWDVDDL\*CWGKVVGHSILWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGECNRKF\*HVEK\*HGRTDA\*GYN\*SMG\*KFKAMCEINPTLCYSPLH\*G\*\*YH\*\*WYGDQXYH\*\*CYYSSWVEGEGRNNKLLF\*CHLKSRR\*SAERICTFL\*T\*CSTNKK\*\*CKLYIDKL\*HLSH\*TSLSKGIL\*TNSHTFLYPGWFCDSKM\*\*\*DIQWNRTMYKCQHSTMYTWNQASSVNSTTVEWQSSRRRDSN\*I\*KXYRQY\*NHNSTAEQIYSN\*LYKAQQ\*YKKKYTXRMGESILCNRRHNRRYKTSXLXP\*\*SRLXXNFKXDSYKIXRTI\*\*\*NNRV\*AILRRGPRNCKAYF\*LWRGVLLL\*YNXAV\*\*LLG\*YYP\*\*LWE\*H\*QKYHAPMQNKTNHKQVAGSRKSNVCPSHQRTN\*MFIKYYRAVINKRWWKQEXDQRERDLQTWRGRYEGXLEK\*TI\*I\*SSKN\*AIGGSTHQGKEKSGAEREKSSDTRSYVPXVLXSSRKHYXRSVNDADGTGQTIIVWYSATAEQFAESY\*GATASVAAHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLXKTHLHHYCALEY\*LEQ\*KSESDLG\*HDXDGVGERD\*QLHKLNIYLT\*RIAEPTGKE\*TGTIXIX\*VGKFVELV\*HIKLAVVYKNIHNDSRGLSRFKNSFYCTFYSE\*S\*AXILTIIIPDPPPSSEGTRQARRNRRRRWRERQRQIQQI

>B.2010.KJ849817.-

MEPVDPRLEPWKHPGSQPETACNKCYCKVCCLHCQVCFITKGLGISYGRKKRRQRRRAPQNSQTDQDYLSKQ\*VVYVMTPLEILAVTALVVAVIIAIVVWTIVYIEYRKILRQRKIDRLINRLRERAEDSGNESDGDQEELSAILEMGHHAPWDVNDQ\*CYRKMVGHSLLWGTCVERRKHHPILCIRC\*SNSNRST\*YLGHTCLCTHRPKPSRSKIGKCDRKF\*HVEK\*HGRTNA\*GYNRIMGSKPKAMCEINPTLCYFKLH\*LEQYQ\*\*\*YQ\*YQ\*\*\*LGRDKRRGDKKLLFQYYQKHRKKKATERLCTF\*CT\*CSANK\*\*\*\*KLYVDKL\*YLSYYTGLSKNNLRTNSHTLLCPGWFCDSKM\*\*\*\*LQWNRTMYKCQHSTMYTWN\*ASSVNSTAVEWQFSRKRGSN\*I\*KFHKQC\*NHTSTPEGTCRN\*VYKTQQ\*YKKKYTGRTRESIICNRRNNRRHKTSTL\*S\*YGRVE\*HLKTDSWKIKSTI\*K\*DNTIYAALRRGPRNYNAHF\*LWRGIFLL\*YNTAV\*\*YLXXRQHYYHTPMQNKTNYKQMARSRKSNVCPSHQRDN\*MLIKYYRATINKRWW\*HK\*GQRH\*DLQARRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSNARSHVPWVLRSSRKHYGRSVNDADGTGQTITVWYSATAE\*FAESY\*GATASVATHSLGHQTAPG\*SPGCGKIPKGSTTPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*HDLDGVGQRS\*QLHKLNILLN\*RIAEPTGKE\*TRIVGTRIVGIX\*VGKFVELV\*HIKMAMVYKNIHNDSRRFSRFKNSFYHTFSSE\*S\*AXILTIVISDPPPSPAGTRQARRNRRRKWRKRQRQIRNI

>B.2010.KJ849818.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCYHCPVCFTTKGLGISYGRKKRRQRRRAPXNCQTHQNYLSKQ\*VVNVMQSLTILAIVALVVALIIAIVVWSIVLIEYRKILKQRKIERLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YCRKVVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRIGIGKRDRIF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*V\*YYYH\*\*\*DHS\*CQYH\*KDSQRRNEKLLFQYHHIHRKKETRICNFL\*S\*YSANK\*\*\*YSANK\*YY\*L\*IDKL\*YLSH\*TGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTLYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDNN\*I\*EFHGQC\*NHNSTAE\*NCTN\*LYKTQQQYKKKYTYRTREHIFRTRRSNRRYKTSTL\*HH\*NTME\*HFRKNKKTIKKPI\*\*NNNLCPLLRRGPRNCNTQF\*LWRGIFLL\*YNKTV\*\*KLP\*\*N\*RNKYHTPMQN\*TNYKHVAESRKSNVCPSHSRTN\*LFIKYYRAALSKRRW\*\*\*YK\*DLQTWRRKYEGQLEK\*IISI\*SSKN\*TTRTSTYHGKEKSGAERKKSSGTRSVVPWVLRSSRKHYGRSVTDADGTSQTIIVWYSATAEQPADGY\*GATTYVATHSLGHQAAPGKSPSCGKIPKGPTAHGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*DLE\*YDLDGVGKRNRKLHRPNILFA\*EIAKPTRKE\*TRFIGIR\*MGQFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGILTIVISDPPPSSEGTRQARRNRRRRWRKRQGQIHQI

>B.2010.KJ849820.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCLHCQVCFISKGLGISYGRKKRRQRRRPPQDSQTDQASLSKQ\*VVHDMTPLVIVSIVALVVVAIIAIVVWTLVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGQLAPMGHDAPWNVDDL\*CYKTRTIVGHSLLWGTCVERCNHHSILCIGC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSNGKCNRKL\*HVEK\*HGRTNA\*GYNKFMGSKPKAMCKINPTLCYFKLH\*W\*FH\*NQQ\*Y\*PYYYY\*\*\*LGKDGRRNKELLFQYHHKFKGQGTKRLCPF\*\*T\*CSTNR\*YK\*LYVDKL\*YLSHYTGLSKDIL\*TNSHTLLCPSWFCDSKV\*\*SEVQWNRTMYKCQYSTMYTWN\*ASSVNTTAVKWQSSRRGASN\*ICKLHKQC\*NHNSTAE\*ICSD\*LYKTQ\*QHKKKYFYGTRGSNLCNRRHNRRHKTSTL\*H\*\*G\*ME\*NSKTSS\*QIKRTISK\*NYSL\*KPLRRRPRNCNAHFQLWRGIFLL\*HITAV\*\*YLVEKWDWYYK\*C\*QNYHTPLQNKTNYKQVAGSGKSNVCSSHQRTS\*MFIKYYRAAINKRWRQQ\*HKQYQRHRDL\*TCRRRYEGQLEK\*IIQI\*SSKN\*AIRSSTFQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAKQFAESY\*CATTYVAAHSLGYKTTPGKSPGCGKIPKGSTAPRDLGLLWKTHLYHYCALEC\*LE\*\*IF\*\*HLG\*HDLDTVGERN\*QLHRTHIQLT\*RIAEPTRKE\*TRLIGIR\*VGKFVELV\*HIKLAVVYKNIHNGSRRFNRFKNSFYCAFYSE\*S\*AGILTIVVPDPPPSNLEGTRQARRNRRRRWRARQRQIQNL

>B.2010.KJ849821.-

MEPVDPRLEPWKHPGSQPKTACNACYCKSCCYHCQVCFITKGLGISYGRKKRRQRRRSHQDSPAHQASLSEQ\*VVYVMVPLQIVAIVALVVVAIIAIVVWTIVGIEYRKILRQRKIDRLIDRIILKAEDSGNESEGDQEELSALVDMGHDAPWPVDDL\*CCRSIVGHSLLWGTCVERCNHHSILCIRC\*SI\*HRGT\*CLGHTCLYTHRS\*PARSTIECDRKF\*YVEK\*HGGTNA\*GYNQFMGSKLKAMCKINPTLCYFKL\*\*FDQ\*\*\*\*YT\*H\*\*FGKQY\*FGKYGGRNEKLLFQYYHTNKK\*E\*KGTCTF\*\*D\*FSTNR\*\*\*YKLYVSKL\*HLSHYTGLPKGNL\*TNSNTLLYPGWFCASKV\*G\*DVQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVEWQSGRRRSNN\*I\*KFHKQC\*NHNSTAE\*NCTN\*LYKTQQQYKEKYTLWTRTSIICNRRNNRRYKKSPL\*H\*\*RKMEQHFTTHS\*KIRRTIQKSNNNIL\*\*ILRGGPRNYNAQF\*LWRGIFLL\*YSKAV\*QYLGEA\*\*HEHLGVEQYNTK\*EYHTPMQNKTNYKQVAGSRKSNVCPSHCRTN\*MYIKYYRATINKRWWF\*Q\*\*\*RYLQTRRRRYEGQLEK\*II\*I\*SSTNSAIRSSTHQVKEKSGAERKKSSNTGSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAKQFAEGY\*CATAHVATHSLGHQAAPG\*SPGCGKIPTGSTAPRNLGLLWKTHLHH\*CALEY\*LE\*\*NSGKDLG\*HDLDGVGERN\*QLHRHNIQLN\*RITEPAGKE\*IGIIGIG\*MVKSVELV\*HNTMAVVYKNIHNNSSRFNRFKNSFICTFCSKES\*AGLLTIIISDPPPSPAGTRRARRNRRRRWRERQRQIRAI

>B.2010.KJ849825.-

MEPVDPRLEPWNHPGSQPRTACTSCYCKKCCLHCQVCFATKGLGISYGRKKRRRRRRANEDSPPHQVPLSKQ\*VVHVMTPLYIGAIVALVIAAILAIVVWTIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*WFRQFVGHSLLWGTCVERSNHHSVLCIRC\*SN\*PRGT\*YLGHTCLCTHRP\*STRDKIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFTLLQLHW\*QY\*Y\*\*RL\*EKWRGNTKLYFQCHHKRKR\*DEGRICTFLQT\*YRTNKYR\*DKIYKDKL\*HLSHYTGLYKRKF\*SNSHTLLCPGWFCDSKVYG\*KFQWNRTM\*KCQHSTVYTWN\*ASSVNSTAVKWQSIRRRHSN\*I\*KYHKQC\*NHNSTAKYICKN\*LYKTQQQYKQKYTYRTGKSMVCNRKNNRRYKTGTL\*P\*RRTME\*NFRTGS\*KITRTI\*K\*INSNSLSAALRRGPRNCNAQF\*L\*RGIFLL\*YNKTV\*\*YLE\*YCWKLDWKLDCD\*RAKWY\*YYHTPMQNETNHKQVAGSRKSNVCSSHQWKN\*LFIKYHRADINKRWW\*\*QEQEPDRQFQT\*RRRYEE\*LEK\*II\*IQSSKN\*AIRNSTHQGKEKSGAERKKSNGNTRSCVPWVLGNSRKHYGRSVTDADGTGQTTIDWYSATAEQFAEGY\*GATASVAAHSLGHQAAPGKSPGCRKIPKGSTAPGNLGLLWKTHLHHFCALEY\*LE\*\*KSECNLGQHDLDAVGERN\*QLHRLNIHIA\*RIAEPTRKK\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNNSRGLNRFKDSFYCTFYSE\*S\*AGILTIVIPDPPPRPEGTRQARRNRRRRWRERQRQIQSI

>B.1983.KJ925006.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRPPQGSQTHQVSLSKQ\*VVHVMQPIQIAIVALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALVEMGVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RENDNGERRDKKLLFQYQHKHKR\*GAERICIFL\*T\*YNTNR\*\*YYQLYVDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHRQC\*NHNSTAEPICRN\*LYKTQQQYKKKNPYPERTRESICYNRKNRKYETSTL\*H\*\*SKME\*HFKTDS\*QIKRTIWK\*\*NNNL\*AVLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*QQWVRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLESHDLDGVGQRN\*QLHKLNTLLN\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPNPGGTRQARRNRRRRWRERQRQIHSI

>B.1998.KJ948656.symptomatic

MEPVDPRAERCKHPGSQPRIACTNCYCLRCCFHCQVCFIRKGLGISYGRKKRRQRRRAHQDSQTHQASLPKQ\*VVHVMQPLQIAAIVALVVVGIIAIVVWSIVAIEYRKILRQRKIDRILDRIIERAEDSGNESEGDQEELSALVEMGHHAPWVIDDL\*CCRSIVGHGLLWGTCVERSNHHSILCIRC\*SI\*YRGP\*CLGHTCLCTHRP\*PTRNSIGKCDRKF\*HVEK\*HGRTNAGGYNQSMGSKPKAMCKTNPTLCYFELH\*Y\*CEEWN\*YH\*\*YRGRNGERRNKKLLFQYHLKQRR\*EAKRVCIFL\*T\*CSTNE\*G\*YQL\*IDKL\*HLSHYTGLSKSIL\*ANSHTLLYPSWFCDSTM\*\*\*EVQWKRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSD\*I\*KFHEQC\*NHNSTADRTCRN\*LHKTQQQYKKKYKFRTRESMVCNRGNNRRYKTSTL\*H\*WNTME\*NSRTDS\*KTKRTI\*\*\*NNSL\*SILRRGPRNCNAQF\*L\*RGILLL\*YNTTV\*\*YLEWE\*D\*RDKWNYKK\*YNHTSMQNKTNYKPVAGSRKSNVCPSHQWTN\*MFIKYYRATINKGWW\*\*\*\*WD\*DLRPGGDIHSRQTGGGDLQSWRRRYEG\*LVE\*II\*I\*SSKT\*TIRSGTHPRKEKSGAVFAECDVNHKWDFHIIMG\*PLWYAFSLFAVSHVR\*NNLWACT\*KLM\*HAETYYSFASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISESDLG\*HDLDGVGKRN\*QFHKNNIHLN\*RIAEPKRKE\*TRLIGIGQLGKFVELV\*HNKLAVVYKNISNDSRRLRRFKNSFCCTFFSE\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2000.KJ948657.asymptomatic

MEPVDPRLEPWKHPGSQPQTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQTHQXSLSKQ\*VIHVMIPLQILAIVALVVXGIIAIVVWTIVXIEYRKILRQRKIDRILDRIIERAEDSGNESEGDQEELAALVEMDVEMGHHAPWVVNDM\*CFRTIVGHSLLWGTCVERRNHHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSTIEYNRRV\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFELH\*YY\*Q\*N\*RRHEGRNKKLLFQYYHKHK\*\*EAERICTFL\*T\*FSTNR\*\*\*CQL\*\*YQL\*IDKL\*HLSHYTGLSKSNL\*ANSHTLLCPGWFCDSKM\*R\*KVQWNRTM\*KC\*HSTMYTWN\*ASSINSTAVKWQSSRRRGSNQI\*KFHEQC\*NHNSTAKRPCKN\*LYKTQQQYKKGYTYRTRESTLYNRNNRRYKTSXLXP\*QNRME\*HSTTDSYKIKGTIWE\*NNSL\*SILRRGPRNYTAQF\*LWRGIFLL\*YNTTV\*\*YLAC\*YDWE\*Y\*GC\*KYYRK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRNN\*MFIKYYRAAINKRWG\*REQ\*D\*DLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSNNGIRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPEGSTAPGALGLLWKTHLHHXCALEY\*LEQ\*IXGLYLAKHDLDAVGKGN\*QLHRSNIHLN\*TIAKPTRKE\*ARLIGIR\*LAKFVELV\*HIKLAVVYKNIHNDSRRLNRLKNSFFCTFYSE\*S\*AGILTIIVSDPPPSSLEGTRQARRNRRRRWRERQRQIRSI

>B.2002.KJ948660.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDNKTHQDSLSKQ\*VAHVMQAIQIAAIVALIVAIIIVIVVWSIVFIEYRKLLKQRKIDRIIDRIRERAEDSGNESEGDQEELLVEMGHLEMGHLAPWDIDDL\*CYRTMVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQPTRNSNGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLCYLELH\*LEWY\*\*S\*\*DLFS\*D\*\*\*\*RGKYGGRRSKKLLFQHHQHKR\*DEESICTFL\*P\*YSTNR\*\*YKNREG\*\*DR\*\*\*YQIYVEKL\*DLSHYTGLSKNIL\*ANSHTLLCPGWFCDSAM\*\*\*EVQWNRNM\*NGQHSTMHTWN\*ASSIYSTAVKWQSSRRRGSN\*I\*KFHEQC\*NHNSTAE\*NCNN\*LYKTRQQYKKRYTYRTRKSALYNRTNNRRYKTSTL\*H\*\*KRMGKPYTHSWKIKRTIWE\*TNSL\*ALLRKGPRNCNAQF\*LWREIFLL\*YNTTV\*\*YWYGG\*\*LDY\*LE\*YYTKCQYHTPMQNKTNYKHVAGSRKSNVCPSHQWTHYMCIKYYRAAINKRWWYRG\*WDYY\*E\*DLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSIGNRSFVPWVLGSSRKHYGRSGTDADGTGQTIIVWYSGTAKQFAEGY\*GATASVATHSLGHQAAPGKSPGYRKLPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ME\*\*ISG\*DLGEHDLDAVGKRN\*QLHRLNIHLN\*RIADPTRKE\*KRIIGIR\*LGKFVELVYYNKLAVVYKNIHNDSRRLRKAKNSFYCTFYSE\*S\*AGIFAIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.2007.KM217584.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GICHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*NLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217585.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPXQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GIYHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYND\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217586.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVXAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GIYHRGT\*CLGHTCLCTHRP\*PTRISIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217587.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GICHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*NLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217588.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GIYHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAENY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217589.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GIYHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217590.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GICHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217591.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESERDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GICHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217592.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GIYHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217593.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GICHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217594.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GICHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*NLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217595.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GIYHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217596.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSXDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GIYHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KNSMEQDHVQMSVQYNVHMELGQ\*CQLNCC\*MAV\*QKEI\*\*LDLKISQTMLKP\*\*YS\*MKL\*RLIVQDPPTIQERVYI\*DQGVHYMQQEQ\*\*EI\*DKHIVMLVLQNGTTL\*KG\*L\*N\*ENKLVMIQQ\*PFGNPQEGTQKL\*CTHLIVEGNFSTAIQQSCLIIPCWLMTLGIVLGNSQMILSYSNAE\*NKL\*TGGRK\*EKQCMLLPSGDKLAVHQILQGCY\*QEMVVTRMTRIGLKSSDLEEEI\*GTIGEVNYINIK\*\*NLSH\*E\*HLPRQREEWCREKEEQWEQ\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDYYCLV\*CNSRTIC\*ELLRRNRTCCNSQSGASSSSRQES\*LWKDT\*GINSS\*GFGVALENSSAPLLCLGMLVGVINLWMRFGKT\*PGCSGREKLTITQN\*YTLYLKNRRTSKKRMSKNYWNWISGQICGVGLT\*QTGCGI\*EYS\*\*\*\*EA\*\*V\*E\*FLLCFL\*\*IELGRDTHHCHSRPTSQLRGDPTGPKESKEKVERETETDPHD\*

>B.2007.KM217597.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GICHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVD\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217598.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GICHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*NLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217599.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GIYHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217600.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GICHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217601.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWSTCVERCRHHFILCIRC\*GIYHRGT\*CLGHTCLCTHRP\*PTRSSIGKCYRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217602.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GIYHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKCQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCIPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217603.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GICHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESC\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217604.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GIYHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217605.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GICHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217606.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIXRIAQRAEDSGNESEGXQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GICHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKX\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HX\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSIGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217607.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GICHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQAQRNRRRRWRERQRQIHTI

>B.2007.KM217608.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVSLVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GIYHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217609.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GIYHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217610.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GIYHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217611.-

MEPADPRLEPWRHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIKRIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GICHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYRIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HK\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKETSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217612.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQNLYQSSK\*YM\*CNL\*LY\*Q\*\*H\*\*\*QQY\*Q\*LCGP\*CL\*NIGK\*EDKEK\*TN\*SRE\*HKEQKTVAMRAKGIRKNCQHWLTWGTMLFGMLMICSAQNLWVTVYYGVPVWKDADTTLFCASDAKAYATEVHNVWATHACVPTDPNPQEVVLGNVTENFNMWKNNMVEQMQQDIISLWDESLKPCVKLTPLCVTLNCIDYKSNTTNGTKTASNSSWEYMEGEIKNCSFNITTNIGNKVKKDYALFNKLDVVPIDNSSHMLINCNTSVITQTCPKVSFEPIPIHYCTPAGFAIIKCNDKKFNGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEGDIVIRSENFTNNAKTIIVQLNETVEINCTRPTNNTRKSIHIGPGSSLYATGAIIGDIRQAHCNVSFTKWNNTLKRVAIKLREQVGNDTTIAFRQPSGGDPEIVMHTFNCGGEFFYCNTTKLFNNTLLANDTWNSTWQQSNDTIILQCRIKQIINRWQEVGKAMYAPPIRGQISCSSNITGLLLTRDGGDTNDTNRSEIFRPGGGDMRDNWRSELYKYKVVKLEPLGIAPTKAKRRVVQRERRAVGTIGAVFLGFLGAARSTMGAASVTLTVQARLLLSGIVQQQNNLLRAIEAQQNMLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNASWSNKSVDEIWENMTWMQWEREIDNYTELIYSLLEKSQNQQEKNEQELLELDKWANLWSWFDITNWLWYIRIFIMIVGGLIGLRIVFAVLSIVNRVRQGYSPLSFQTHLPAQRGPDRPEGIEGEGGERDRDRSTRL

>B.2007.KM217613.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GIYHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217614.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFTKKGLGISYGRKKRGQRRRASQSSSPDQKPLPKQ\*VVYVMQPLTVLAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDKLIERIAQRAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFMGHSLLWGTCVERCRHHFILCIRC\*GIYHRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDATRYNQFMG\*KPKAMCKINTTLCYFKLH\*LQV\*YY\*WN\*NCQ\*\*\*LGIYGGRNKKLLF\*YHHKHRKQSKERLCTF\*\*T\*CSTNR\*\*LSYVDKL\*HLSHYADLSKGIL\*ANSNTLLHPGWFCDYKV\*\*\*KIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSD\*I\*KFHKQC\*NHNSTAE\*NCRD\*LYKTHQQYKKEYTYRTREFIICNRSNNRRYKTSTL\*C\*FYKMEQHFKKGSYKIKRTSW\*\*YNNSLSATLRRGPRNCNAHI\*LWRGIFLLQYNKAV\*\*YLVG\*\*HLE\*YLATVK\*YYHTPMQNKTNYKQVAGSRKSNVCSSHQGTN\*LFIKYYRAAINKRWW\*HE\*HE\*V\*NLQTWRRRYEGQLEK\*II\*I\*SSKT\*ATRNSTYQGKEKSGAERKKSSGNNRSCVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATEHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLGKHDLDAVGERN\*QLHRINILFT\*KIAEPARKE\*ARIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHTI

>B.2007.KM217662.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFLSKGLGISYGRKKRRQRRRAPQGSPPDQASLSDQ\*VAHVMQPLVVVAIVALVVVAIIAIVVWTIVFIEYRKIRRQRQIDRLIERIRERAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFVGHSLLWGTCVERSKNHFILCIRC\*SI\*NRGT\*CLGHTCLCTHRS\*PTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGRKPKAMCKINPTLCYFKLH\*WEK\*\*YW\*\*YQ\*Y\*RHCK\*FGKNSGRNKKLHFQCHLTNKKWGENRTGNF\*\*T\*CSTNRQ\*\*L\*LYVNKL\*HLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWKRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRHSNQV\*KSHEQC\*KHNSTTKGSCKN\*LFKTQQQYKKEYKLWTGGSNLYNRRHNRRYKTSIL\*Y\*F\*RMEQHLNTGSYKIKRTIWK\*VNSL\*ATPPRRGSRNCNAHI\*LWRGIFLL\*YIKAV\*\*YLD\*\*YLEWYLAK\*YHHNHPMQNKTNYKQVAGSRKGNVCPSHQWTN\*MFIKYYRVAINKGWWWW\*\*LN\*LN\*AN\*GNLQTCRRRYEGQLEK\*II\*I\*SGKN\*ANRTSTHQGKEKSGAERKKSSGNFRSCVPWVLGSSRKHYGRSVIDADGTGQTITVWYSATAEQSAESY\*GATTHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IYG\*DLEQYDLDAVGERN\*QLHRSNIQST\*TIAEPARKE\*ARIIGIG\*VGRFVELVFHNTMAVVYKIIHNDSRRLNRFKNNFCYTFYSK\*S\*AGILTIVVTDPPPSSEGTRQARRNRRRRWRERQRQLHSI

>B.2007.KM217663.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFLSKGLGISYGRKKRRQRRRAPQGSPPDQASLSDQ\*VAHVMQPLVVAAIVALVVVAIIAIVVWTIVFIEYRKIRRQRKIDRLIERIRERAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFVGHSLLWGTCVERSKNHFILCIRC\*SI\*NRGT\*CLGHTCLCTHRS\*PTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGRKPKAMCKINPTLCYFKLH\*WEK\*\*YW\*\*YQ\*Y\*RHCK\*FGKNSGRNKKLHFQCHLTNKKWGENRTGNF\*\*T\*CSTNRQ\*\*L\*LYVNKL\*HLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWKRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRHSNQV\*KSHEQC\*KHNSTTKGSCKN\*LFKTQQQYKKEYKLWTGGSNLYNRRHNRRYKTSIL\*Y\*F\*RMEQHLNTGSYKIKRTIWK\*VNSL\*ATPPRRGSRNCNAHI\*LWRGIFLL\*YIKAV\*\*YLD\*\*YLEWYLAK\*YHHNHPMQNKTNYKQVAGSRKGNVCPSHQWTN\*MFIKYYRVAINKGWWWW\*\*LN\*LN\*AN\*GNLQTCRRRYEGQLEK\*II\*I\*SGKN\*ANRTSTHQGKEKSGAERKKSSGNFRSCVPWVLGSSRKHYGRSVIDADGTGQTITVWYSATAEQSAESY\*GATTHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IYE\*DLGQYDLDAVVERN\*QLHRSNIQST\*TIAEPARKE\*ARIIGIG\*VGRFVELVFHNTMAVVYKIIHNDSRRLNRFKNNFCYTFYSK\*S\*AGILTIVVTDPPPSSEGTRQARRNRRRRWRERQRQLHSI

>B.2007.KM217664.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFLSKGLGISYGRKKRRQRRRAPQGSPPDQASLSDQ\*VAHVMQPLVVAAIVALVVVAIIAIVVWTIVFIEYRKIRRQRQIDRLIERIRERAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFVGHSLLWGTCVERSKNHFILCIRC\*SI\*NRGT\*CLGHTCLCTHRS\*PTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGRKPKAMCKINPTLCYFKLH\*WEK\*\*YW\*\*YQ\*Y\*RHCK\*FGKNSGRNKKLHFQCHLTNKKWGENRTGNF\*\*T\*CSTNRQ\*\*L\*LYVNKL\*HLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWKRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRHSNQV\*KSHEQY\*KHNSTTKGSCKN\*LFKTQQQYKKEYKLWTGGSNLYNRRHNRRYKTSIL\*Y\*FCRLEQHLNTGSYKIKRTIWE\*VNSL\*ATPPRRGSRNCNAHI\*LWRGIFLL\*YIKAV\*\*YLD\*\*YLEWYLAK\*YHHNHPMQNKTNYKQVAGSRKGNVCPSHQWTN\*MFIKYYRVAINKGWWWW\*\*LN\*LN\*AN\*GNLQTCRRRYEGQLEK\*II\*I\*SGKN\*ANRTSTHQGKEKSGAERKKSSGNFRSCVPWVLGSSRKHYGRSVIDADGTGQTITVWYSATAEQSAESY\*GATTHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IYG\*DLG\*YDLDAVGERN\*QLHRTNIRST\*TIAKPARKE\*ARIIGIG\*VGRFVELVFHNTMAVVYKIIHNDSRRLNRFKNNFCYTFYSK\*S\*AGILTIVIADPPPSSEGTRQARRNRRRRGERDRGSSTRL

>B.2007.KM217665.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFLSKGLGISYGRKKRRQRRRAPQGSPPDQASLSDQ\*VAHVMQPLVVAAIVALVVVAIIAIVVWTIVFIEYRKIRRQRKIDRLIERIRERAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFVGHSLLWGTCVERSKNHFILCIRC\*SI\*NRGT\*CLGHTRLCTHRS\*PTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGRKPKAMCKINPTLCYFKLH\*WEK\*\*YW\*\*YQ\*Y\*RHCK\*FGKNRGRNKKLHFQCHLTNKKWGENRTGNF\*\*T\*CSTNRQ\*\*L\*LYVNKL\*HLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWKRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRHSNQV\*KSHEQY\*KHNSTTKGSCKN\*LFKTQQQYKKEYKLWTGGSNLYNRRHNRRYKTSIL\*Y\*F\*RMEQHLNTGSYKIKRTIWK\*VNSL\*ATPPRRGSRNCNAHI\*LWRGIFLL\*YIKAV\*\*YLD\*\*YLEWYLAK\*YQHNHPMQNKTNYKQVAGSRKGNVCPSHQWTN\*LFIKYYRVAINKGWW\*\*\*KLN\*LNN\*GNLQTCRRRYEGQLEK\*II\*I\*SGKN\*ANRTSTHQGKEKSGAERKKSGGNFRSCVPWVLGSSRKHYGRSVIDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IYE\*DLGQYDLDAVGERN\*QLHRSNIQST\*TIAEPARKE\*ARIIGIG\*VGRFVELVFHNTMAVVYKIIHNDSRRLNRFKNNFCYTFYSK\*S\*AGILTIVIADPPPSSEGTRQARRNRRRRWRERQRQLHSI

>B.2007.KM217666.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFLSKGLGISYGRKKRRQRRRAPQGSPPDQASLSDQ\*VAHVMQPLVVAAIVALVVVAIIAIVVWTIVFIEYRKIRRQRKIDRLIERIRERAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFVGHSLLWGTCVERSKNHFILCIRC\*SI\*NRGT\*CLGHTCLCTHRS\*PTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGRKPKAMCKINPTLCYFKLH\*WEK\*\*YW\*\*YQ\*Y\*RHCK\*FGKNSGRNKKLHFQCHLTNKKWGENRTGNV\*\*T\*CSTNRQ\*\*L\*LYVNKL\*HLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQGKRTMYKCQYSTMYTWN\*ASSVNSTAGKWQSSRRRHSNQV\*KLTNNVKNIIVQLKEAGKINCSRPNNNTRKSINFGPGGAIYTTGDIIGDIRQAYCNISCEEWNNTLTQVARKLREQYGNKSIVFKQPPPGGDPEIVMHTFKCGGEFFYCNTSKQFNNTWTNNTWNGTWPNSTIIIIPCRIKQIINKWQEVGRAMYAPPISGQIRCSSNITGLLLTRDGGGGNNSTNSTEPTEEIFRPAGGDMRDNWRSELYKYKVVKIEPIGLAPTKAKRRVVQREKRAVGTLGAVFLGFVGAAGSTMGAASLTLTVQARLLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERFLRDQQLLGIWGCSGKLICATAVPWNASWSNRSMDEIWDNTTWMQWEREIDNYTELIYGLLEQSQNQQEKNEQELLELDKWAGRRLNRFKNNFCYTFYSK\*S\*AGILTIVVTDPPPSSEGTRQARRNRRRRWRERQRQLHSI

>B.2007.KM217667.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFLSKGLGISYGRKKRRQRRRAPQGSPPDQASLSDQ\*VAHVMQPLVVAAIVALVVVAIIAIVVWTIVFIEYRKIRRQRKIDRLIERIRERAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFVGHSLLWGTCVERSKNHFILCIRC\*SI\*NRGT\*CLGHTCLCTHRS\*PTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGRKPKAMCKINPTLCYFKLH\*WEK\*\*YW\*\*YQ\*Y\*RHCK\*FGKNSGRNKKLHFQCHLTNKKWGENRTGNF\*\*T\*CSTNRQ\*\*L\*LYVNKL\*HLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWKRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRHSNQV\*KSHEQY\*KHNSTTKGSCKN\*LFKTQQQYKKKYKLWTGGSNLYNRRHNRRYKTSIL\*Y\*FCRLEQHLNTGSYKIKRTIWE\*VNSL\*ATPPRRGSRNCNAHI\*LWRGIFLL\*YIKAV\*\*YLD\*\*YLEWYLAK\*YQHNHPMQNKTNYKQVAGSRKGNVCPSHQWTN\*LFIKYYRVAINKGWW\*\*\*KLN\*LNN\*GNLQTCRRRYEGQLEK\*II\*IQSGKN\*ANRTSTHQGKEKSGAERKKSGGNFRSCVPWVLGSSRKHYGRSVIDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IYE\*DLGQYDLDAVGERN\*QLHRSNIQST\*TIAEPARKE\*ARIIGIG\*VGRFVELVFHNTMAVVYKIIHNDSRRLNRFKNNFCYTFYSK\*S\*AGILTIVVTDPPPSSEGTRQARRNRRRRWREKQRQLHSI

>B.2007.KM217668.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFLSKGLGISYGRKKRRQRRRAPQGSPPDQASLSDQ\*VAHVMQPLVVAAIVALVVVAIIAIVVWTIVFIEYRKIRRQRKIDRLIERIRERAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFVGHSLLWGTCVERSKNHFILCIRC\*SI\*NRGT\*CLGHTCLYTHRS\*PTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGRKPKAMCKINPTLCYFKLH\*WEK\*\*YW\*\*YQ\*Y\*RHCK\*FGKNSGRNKKLHFQCHLTNKKWGENRTGNF\*\*T\*CSTNRQ\*\*L\*LYVNKL\*HLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWKRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRHSNQV\*KSHEQY\*KHNSTTKGSCKN\*LFKTQQQYKKKYKLWTGGSNLYNRRHNRRYKTSIL\*Y\*FCRLEQHLNTGSYKIKRTIWK\*VNSL\*ATPPRRGSRNCNAHI\*LWRGIFLL\*YIKAV\*\*YLD\*\*YLEWYLAK\*YHHNHPMQNKTNYKQVAGSRKGNVCPSHQWTN\*MFIKYYRVAINKGWWWW\*\*LN\*LN\*AN\*GNLQTCRRRYEGQLEK\*II\*I\*SGKN\*ANRTSTHQGKEKSGAERKKSSGNFRSCVPWVLGSSRKHYGRSVIDADGTGQTITVWYSATAEQSAESY\*GATTHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IYG\*DLG\*YDLDAVGERN\*QLHRTNIRST\*TIAKPARKE\*ARIIRIG\*VGRFVELVFHNTMAVVYKIIHNDSRRLNRFKNNFCYTFYSK\*S\*AGILTIVVTDPPPSSEGTRQARRNRRRRWRERQRQLHSI

>B.2007.KM217669.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFLSKGLGISYGRKKRRQRRRAPQGSPPDQASLSDQ\*VAHVMXPLVVAAIVALVVVAIIAIVVWTIVFIEYRKIRRQRQIDRLIERIRERAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFVGHSLLWGTCVERSKNHFILCIRC\*SI\*NRGT\*CLGHTRLCTHRS\*PTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGRKPKAMCKINRTLCYFKLH\*WEK\*\*YW\*\*YQ\*Y\*RHCK\*FGKNRGRNKKLHFQCHLTNKKWGENRTGNF\*\*T\*CSTNRQ\*\*L\*LYVNKL\*HLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWKRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRHSNQV\*KSHEQC\*KHNSTTKGSCKN\*LFKTQQQYKKEYKLWTGGSNLYNRRHNRRYKTSIL\*Y\*F\*RMEQHLNTGSYKIKRTIWK\*VNSL\*ATPPRRGSRNCNAHI\*LWRGIFLL\*YIKAV\*\*YLD\*\*YLEWYLAK\*YHHNHPMQNKTNYKQVAGSRKGNVCPSHQWTN\*MFIKYYRVAINKGWWWW\*\*LN\*LN\*AN\*GNLQTCRRRYEGQLEK\*II\*I\*SGKN\*ANRTSTHQGKEKSGAERKKSSGNFRSCVPWVLGSSRKHYGRSVIDADGTGQTITVWYSATAEQSAESY\*GATTHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IYG\*DLG\*YDLDAVGERN\*QLHRTNIRST\*TIAKPARKE\*ARIIGIG\*MGRFVELVFHNTMAVVYKIIHNDSRRLNRFKNNFCYTFYSK\*S\*AGILTIVVTDPPPSSEGTRQARRNRRRRWRERQRQLHSI

>B.2007.KM217670.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFLSKGLGISYGRKKRRQRRRAPQGSPPDQASLSDQ\*VAHVMQPLVVVAIVALVVVAIIAIVVWTIVFIEYRKIRRQRQIDRLIERIRERAEDSGNESEGDQEELSALVDMGHDALWDVNDL\*CSKFVGHSLLWGTCVERSKNHFILCIRC\*SI\*NRGT\*CLGHTRLCTHRS\*PTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGRKPKAMCKINPTLCYFKLH\*WEK\*\*YW\*\*YQ\*Y\*RHCK\*FGKNRGRNKKLHFQCHLTNKKWGENRTGNF\*\*T\*CSTNRQ\*\*L\*LYINKL\*HLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWKRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRHSNQV\*KSHEQC\*KHNSTTKGSCKN\*LFKTQQQYKKEYKLWTGGSNLYNRRHNRRYKTSIL\*Y\*FCRLEQHLNTGSYKIKRTIWE\*VNSL\*ATPPRRGSRNCNAHI\*LWRGIFLL\*YIKAV\*\*YLD\*\*YLEWYLAK\*YHHNHPMQNKTNYKQVAGSRKGNVCPSHQWTN\*MFIKYYRVAINKGWWWW\*\*LN\*LN\*AN\*GNLQTCRRRYEGQLEK\*II\*I\*SGKN\*ANRTSTHQGKEKSGAERKKSSGNFRSCVPWVLGSSRKHYGRSVIDADGTGQTITVWYSATAEQSAESY\*GATTHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IYG\*DLG\*YDLDAVGERN\*QLHRTNIRST\*TIAKPARKE\*ARIIGIG\*VGRFVELVFHNTMAVVYKIIHNDSRRLNRFKNNFCYTFYSK\*S\*AGILTIVVTDPPPSSEGTRQARRNRRRRWRERQRQLHSI

>B.2007.KM217780.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217781.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217782.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGARRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217784.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217786.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217787.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217788.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217789.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTNTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217790.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217791.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDYY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217792.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*XGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217793.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217794.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217795.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217796.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217797.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKLDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKHH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217798.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPNAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217799.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CXWE\*YYQ\*YSGKAKGRNKGRNNKLFFQHQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217800.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGRTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217801.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQGXXPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSENFSNNAKTIIVQLNETIVINCTRPNNNTRKGIHFGPGGPLFTTDIIGDIRRAHCKLNGTQWKTALERIAIKLREQWNKTIAFNKSSGGDPEIVMHSFNCGGEFFYCNTTQLFNSTWNGTEGVNTTEGEIILPCRIKQIINRWQEVGKAIYAPPISGQINCSSNITGLLLTRDGGINNETQTTETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGIGAVFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQGNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNASWSNKSMSQIWENMTWMEWEREISNYTSLIYTLIEESQNQQEKNEQELLELDKWASLWNWFSITEWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSLQTHLPTPRGPDRPDGIEEEGGERDRGRSGLL

>B.2007.KM217802.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217803.-

MEPVDPRLDPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSQTDQVSLPKQ\*VVHVMQALVVASVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPGDVDDL\*CCRTIVGYNLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRP\*PTRSSIGKCDRKF\*HGEK\*HGRPDAGRYNQFMG\*KPKAMCKINPTLYYFKLHYCECEC\*CGWE\*YYQ\*YSGKAKGRNKGRNNKLFFQYQHKHRKKDKERICNF\*\*A\*CNANR\*SR\*\*HK\*CKLYTLYSEKL\*HLSHYAGLSKDIF\*TNSHTLLCPGWFCDSKV\*\*\*KIQWNRTMYKCQHSTMYTWN\*ASGVNSTAVKWQFSRRRGSN\*I\*KFLEQC\*NHHSTAE\*NYSN\*LYKTQQQYKKRYTFWTGGTTFYNRYNRRYKTSTL\*T\*WNTMENRFRKDSYKIKRTME\*NNSL\*\*ILRRGSRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLEWY\*RGKYH\*RRDHTPMQNKTNYKQVARSRKSNICPSHQRTDQLFIKYYRAIINKRWWY\*\*RDPDY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAG\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECQLE\*\*IYESDLGEHDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNRMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNSEGTRQARRNRRRRWRERQRQIRLI

>B.2007.KM217938.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217939.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217940.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217941.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217942.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217943.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSCVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217944.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217945.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAMGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217946.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHEAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALKY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217947.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217948.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKITW\*NRCMRM\*SVYGMKA\*SHVQN\*PHSVLL\*IALI\*SLILLAIVLIMPIIPIILMPLKVVGKI\*REK\*KTALSM\*PHK\*EIRCEKNRHFLIVLM\*YQ\*IIITLHIC\*\*VVIPQSLHRPVQRYPLNQFPYIIVPRLVLRL\*SVMIRHSMEQDHVQMSVQYNVHMELGQ\*CQLNCC\*MAV\*QKKI\*\*LDLKISRTMLKP\*\*YS\*IKL\*QLSV\*DPTTIQERVYI\*HRGEHSMQQEK\*\*EI\*DKHIVRLVQEIGVKL\*NK\*L\*N\*ETNLNLRIRQ\*NLSHPQEGIQKL\*G\*HLIVEGNFSTVIQQNCLIILCWIIILC\*IVLGKSQRVLTEVTSHSHAE\*NKL\*IGGRQ\*EEQCMPLPSGDKLNVHQLSQGCY\*QEMVVQM\*PKMGPKSSDLEEEI\*ETIGEVNYINIK\*\*KLSH\*E\*HPPRRREEWCREKKEQ\*Q\*ELCSSGSWEQQEALWAQRQ\*R\*RYRPDYYCLV\*CNSRTIC\*ELLRRNSTCCNSQSGASNSSRQESSLWKDT\*GINSS\*GFGVALENSSAPLLCLGILVGVINP\*MRFGKT\*PGCSGREKLTITQT\*YTLYLKHRRTSKKRMSKNYWNWINGQICGIGLTYQTGCGI\*EYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHCHSRPASQLRGDPTGPKKPKKEVERETEADPLD\*

>B.2007.KM217949.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSCVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217950.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217951.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GGNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217952.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217953.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCPCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217954.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217955.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSML\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217956.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217957.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217958.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVTTHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217959.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*II\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217960.-

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>B.2007.KM217961.-

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>B.2007.KM217962.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GSLWDESLKPCTKLTPLCVTLNCTDLKSNTTSNSTNNANHTNNTNATQSSWENMKGEIKNCSFYVTTQIRDKVRKEQALFNSLDVVPIDNNNSTYMLISCNTSVITQACPKISFEPIPIHYCTPAGFAIIKCNDKTFNGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEDIVVRSENFSDNAKTIIVQLNKTITIECIRPNNNTRKSIHIAPGRAFYATGEIVGDIRQAYCKVSAGNWSETLKQVAIKLRDQFEPKNKTIEFEPSSGGDPEIVRLTLNCGGEFFYCDTTKLFNYTLLDNNTLLNSTGQESKSANGSNITLPCRIKQIINRWQAVGRAMYAPPIRGQIKCSSTITGLLLTRDGGTNVTKNGSEIFRPGGGDMRDNWRSELYKYKVVKIEPLGIAPSKAKRRVVQREKRAVTIGAMFLGFLGAAGSTMGTAAMTLTVQARLLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNTSWSNKSLNEIWENMTWMQWEREIDNYTDLIYTLLETSQNQQEKNEQELLELDKWANLWNWFDISNWLWYIRIFIMIVGGLIGLRIVFTVFSIVNRVRQGYSPLSFQTRLPAQRGPDRPEETEEGGGERDRGRSTRL

>B.2007.KM217963.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVTTHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217964.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLRKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217965.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217966.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FKV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRKNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRATINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKEXARIIGIE\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217967.-

MEPVDPRLEPWEHPGSQPRTPCTNCYCKQCCYHCPVCFVTKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLAILAIAALVVAAILAIVVWTIVLIEYRKIRRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*RFVGHSLLWGTCVERCKDHLILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMYKINPTLCYFKLH\*FEV\*YY\*Q\*Y\*\*CQSYQ\*Y\*CHSK\*LGKYEGRNKKLLFLCNHTNKR\*GAKRTGTF\*\*S\*CSTNR\*\*\*LYIYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRYSS\*I\*KFLGQC\*NHNSTAE\*NYNN\*VYKTQQQYKKEYTYSTGESILCNRRNSRRYKTSIL\*G\*CRKLE\*NFKTSSYKIKRPI\*T\*E\*DNRI\*AILRRGSRNCKANT\*LWRGIFLL\*YNKTV\*LYFAG\*\*YFAE\*YWARVKEC\*RK\*HHTPMQNKTNYK\*VAGSRKSNVCPSHQGTN\*MFINYHRAAINKRWWYKCDQKWVRNLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTLQGEEKSGAERKKSSNNRSYVPRVLGSSRKHYGRSGNDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQTAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ILK\*DLGKHDLDAVGERN\*QLHRLNIHFT\*NIAEPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIHSI

>B.2007.KM217994.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRASQDSSPDQTPLPKQ\*VVHVMQPLVVFSIVALIVVAILAIIVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGRDAPWDVNDL\*C\*GFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRS\*PTRSTIGKCDRKF\*HVEK\*HGRTDARRCNQSMG\*KSKAMCKINTTLCYFKLH\*LEV\*YYSYY\*YQ\*N\*YGGRNKKLLFQYHHKNRK\*DTKRICTF\*\*T\*CSTNR\*\*DIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHKQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTYRMGEIIRCNRRHNRRYKTSTL\*C\*CSKME\*HFKTGSYKIKRTI\*E\*NNSL\*ATLRGGTQRL\*CTHLIVEGNSSTVIQQSCLIILC\*LMILGEILGKSQIILKEMSLHSNAE\*NKL\*TDGRK\*EKQCMPLPSGDKLVVHQILQGFY\*QEMVAA\*MSP\*MKPSDLEEEI\*GTIGGVNYINIK\*\*KLSH\*E\*HPPRQREEWCRGKKEQWEQ\*ELCSLVSWEQQEALWAQRQ\*R\*RYRPDYYCLV\*CNSRTIC\*KLLRRNSTCCNSQSGASSSSRQES\*LWKDT\*GTNSS\*GFGVALENSSAPLLCLGMLVGVINLWMRFGKT\*PGCSGREKLTITQN\*YTLYLKNRRTSKKRMNKNYWNWISGQICGIGLV\*QNGCGI\*KYS\*\*\*\*EV\*\*V\*E\*FLLCFL\*\*IELGRDTHHCHSRSASQPRGDPTGPKESKKKVETETETAPLD\*

>B.2007.KM217995.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRASQDSSPDQTPLPKQ\*VVHVMQPLVVFSIVALIVVAILAIIVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGRDAPWDVNDL\*C\*GFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRS\*PTRSTIGKCDRKF\*HVEK\*HGRTDARRCNQSMG\*KSKAMCKINTTLCYFKLH\*LEV\*YYSYY\*YQ\*N\*YGGRNKKLLFQYHHKNRK\*DTKRICTF\*\*T\*CSTNR\*\*DIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCYYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHKQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTYRMGEIIICNRRHNRRYKTSTL\*C\*CSKME\*HFKTGSYKIKRTI\*E\*NNSL\*ATLRGGPRDCNAHI\*LWRGILLL\*YNKVV\*\*YFAD\*\*YLARYLARVK\*Y\*RKCHYTPMQNKTNYKQMAGSRKSNVCPSHQGTN\*LFIKYYRASINKRWWQHE\*VHK\*NLQTWRRKYEGQLEE\*II\*I\*SSKN\*ATRNSTHQGKEKSGAEGKKSSGNNRSYVPWFLGSSRKHYGRSVNDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLEKHDLDAVGERN\*QLHRINIHFT\*KIAEPARKE\*TRIIGIG\*VGKFVELV\*YNKMAVVYKNIHNDSRRFNRFKNNFYCAFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRQRQRQLHSI

>B.2007.KM217996.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRASQDSSPDQTPLPKQ\*VVHVMQPLVVFSIVALIVLAILAIIVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGRDAPWDVNDL\*C\*GFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRS\*PTRSTIGKCDRKF\*HVEK\*HGRTDARRCNQSMG\*KSKAMCKINTTLCYFKLH\*LEV\*YYSYY\*YQ\*N\*YGGRNKKLLFQYHHKNRK\*DTKRICTF\*\*T\*CSTNR\*\*DIYVDKL\*HLSHHAGLSKGIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHKQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTYRMGEIIICNRRHNRRYKTSTL\*C\*CSKME\*HFKTGSYKIKRTI\*E\*NNSL\*ATLRGGPRDCNAHI\*LWRGILLL\*YNKVV\*\*YFAD\*\*YLARYLARVK\*Y\*RKCHYTPMQNKTNYKQMAGSRKSNVCPSHQGTN\*LFIKYYRASINKRWWQHE\*VHK\*NLQTWRRKYEGQLEE\*II\*I\*SSKN\*ATRNSTHQGKEKSGAEGKRAVGTIGAMFLGFLGAAGSTMGAASMTLTVQARLLLSGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNASWSNKSVDEIWKNMTWMQWEREIDNYTELIYTLLEKSQNQQEKNEQELLELDKWANLWNWFSITKWLWYIKIFIMIVGGLIGLRIIFTVLSIVNRVRQGYSPLSFQIRLPTQRGPDRPEGIEEEGGDRDRDSSTRL

>B.2007.KM217997.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRASQDSSPDQTPLPKQ\*VVHVMQPLVVFSIVALIVVAILAIIVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGRDAPWDVNDL\*C\*GFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRS\*PTRSTIGKCDRKF\*HVEK\*HGRTDARRCNQSMG\*KSKAMCKINTTLCYFKLH\*LEV\*YYSYY\*YQ\*N\*YGGRNKKLLFQYHHKNRK\*DTKRICTF\*\*T\*CSTNR\*\*DIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHKQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTYRMGEIIICNRRHNRRYKTSTL\*C\*CSKME\*HFKTGSYKIKRTI\*E\*NNSL\*ATLRGGPRDCNAHI\*LWRGILLL\*YNKVV\*\*YFAD\*\*YLARYLARVK\*Y\*RKCHYTPMQNKTNYKQMAGSRKSNVCPSHQGTN\*LFIKYYRASINKRWWQHE\*VHK\*NLQTWRRKYEGQLEE\*II\*I\*SSKN\*ATRNSTHQGKEKSGAEGKKSSGNNRSYVPWFLGSSRKHYGRSVNDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLEKHDLDAVGERN\*QLHRINIHFT\*KIAEPARKE\*TRIIGIG\*VGKFVELV\*YNKMAVVYKNIHNDSRRFNRFKNNFYCAFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRQRQRQLHSI

>B.2007.KM217998.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRASQDSSPDQTPLPKQ\*VVHVMQPLVVFSIVALIVVAILAIIVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGRDAPWDVNDL\*C\*GFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRS\*PTRSTIGKCDRKF\*HVEK\*HGRTDARRCNQSMG\*KSKAMCKINTTLCYFKLH\*LEV\*YYSYY\*YQ\*N\*YGGRNKKLLFQYHHKNRK\*DTKRICTF\*\*T\*CSTNR\*\*DIYVDKL\*HLSHYAGLSKGSL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHKQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTYRMGEIIICNRRHNRRYKTSTL\*C\*CSKME\*HFKTGSYKIKRTI\*E\*NNSL\*ATLRGGPRDCNAHI\*LWRGILLL\*YNKVV\*\*YFAD\*\*YLARYLARVK\*Y\*RKCHYTPMQNKTNYKQMAGSRKSNVCPSHQGTN\*LFIKYYRASINKRWWQHE\*VHK\*NLQTWRRKYEGQLEE\*II\*I\*SSKN\*ATRNSTHQGKEKSGAEGKKSSGNNRSYVPWFLGSSRKHYGRSVNDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLEKHDLDAVGERN\*QLHRINIHFT\*KIAEPARKE\*TRIIGIG\*VGKFVKLV\*YNKMAVVYKNIHNDSRRFNRFKNNFYCAFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRQRQRQLHSI

>B.2007.KM217999.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRASQDSSPDQTPLPKQ\*VVHVMQPLVVFSIVALIVVAILAIIVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGRDAPWDVNDL\*C\*GFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRS\*PTRSTIGKCDRKF\*HVEK\*HGRTDARRCNQSMG\*KSKAMCKINTTLCYFKLH\*LEV\*YYSYY\*YQ\*N\*YGGRNKKLLFQYHHKNRK\*DTKRICTF\*\*T\*CSTNR\*\*DIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHKQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTYRMGEIIICNRRHNRRYKTSTL\*C\*CSKME\*HFKTGSYKIKRTI\*E\*NNSL\*ATLRGGPRDCNAHI\*LWRGILLL\*YNKVV\*\*YFAD\*\*YLARYLARVK\*Y\*RKCHYTPMQNKTNYKQMAGSRKSNVCPSHQGTN\*LFIKYYRASINKRWWQHE\*VHK\*NLQTWRRKYEGQLEE\*II\*I\*SSKN\*ATRNSTHQGKEKSGAEGKKSSGNNRSYVPWFLGSSRKHYGRSVNDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*DLEKHDLDAVGERN\*QLHRINIHFT\*KIAEPARKE\*TRIIGIG\*VGKFVELV\*YNKMAVVYKNIHNDSRRFNRFKNNFYCAFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRQRQRQLHSI

>B.2008.KM218138.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHIKYYRAAISKRWW\*HHQHHREQHRNLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHTL

>B.2008.KM218139.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHIKYYRAAISKRWW\*HHQHHREQHRNLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGH\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRNLGLLWKTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHTL

>B.2008.KM218140.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHIKYYRAAISKRWW\*HHQHHREQHRNLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHTL

>B.2008.KM218141.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHIKYYRAAISKRWW\*HHQHHREQHRNLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHTL

>B.2008.KM218142.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHIKYYRAAISKRWW\*HHQHHREQHRNLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHTL

>B.2008.KM218143.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHIKYYRAAISKRWW\*HHQHHREQHRNLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHTL

>B.2008.KM218144.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHIKYYRAAISKRWW\*HHQHHREQHRNLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHTL

>B.2008.KM218145.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHSKYYRAAISKRWW\*HHQHHREQHRNLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHTL

>B.2008.KM218146.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHIKYYRAAISKRWW\*HHQHHREQHRNLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHTL

>B.2008.KM218147.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHIKYYRAAISKRWW\*HHQHHREQHRNLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHTL

>B.2008.KM218148.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHIKYYRAAISKRWW\*HHQHHREQHRNLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHTL

>B.2008.KM218149.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHIKYYRAAISKRWW\*HHQHHREQHRNLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHTL

>B.2008.KM218150.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHIKYYRAAISKRWW\*HHQHHREQHRNLQT\*RRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLL\*KTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHTL

>B.2008.KM218151.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHIKYYRAAISKRWW\*HHQHHREQHRNLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHTL

>B.2008.KM218152.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHIKYYRAAISKRWW\*HHQHHREQHRNLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHTL

>B.2008.KM218153.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHIKYYRAAISKRWW\*HHQHHREQHRNLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRTRRRRWRERQRHIHTL

>B.2008.KM218154.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHIKYYRAAISKRWW\*HHQHHREQHRNLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHTL

>B.2008.KM218155.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHIKYYRAAISKRWW\*HHQHHREQHRNLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHTL

>B.2008.KM218159.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCLVCFTKKGLGISYGRKKRRQRRRTAQDSSPDQTPLPKQ\*VVYVMQSLLILAIVALVVAAILAIVVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCKFVGHSLLWGTCVERCKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KLKAMCKISTTLCYFKLH\*FEV\*YYY\*HQ\*\*YWGRDEGRNKKLLFQCHHTNKK\*DKKRICTF\*\*T\*CSTNR\*QEEE\*\*L\*\*LHIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCDCKV\*\*\*DV\*WNRTMHKCQYSTMYTWN\*ASRVNSTSVKWQSSRRRYSN\*I\*KFYGQC\*DHNSTAE\*NCRN\*LYKTQQQYKKEYTYRTGEIILCNRRHNRRYKTSTL\*C\*CRKMDQHFRKGSYKIKRTI\*ISK\*NNSL\*ATTLRRGPRKYNAHI\*LWRGIFLL\*YNKAI\*\*YLAD\*\*LLEWYLARVK\*\*\*GKCPYTPMQNKTNYKQMAGSRKSNVCPSHQGRN\*MFIKYYRASINKRWW\*HN\*VQKWD\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERQKSGRNTRSYVPWVLGSSRKHYGRSVDDADGTGQTITVWYSATAEQYAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALECKLE\*\*ICGSDLGKHDLDAVGKRN\*KLHRLNIHFT\*KIAEPARKE\*TRIIGIG\*VGKFVELV\*HIKMAVVYKNIHNDSRRLTRFKNSFYCAFCSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRQRQRQIQSI

>B.2008.KM218160.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCLVCFTKKGLGISYGRKKRRQRRRTAQDSSPDQTPLPKQ\*VVYVMQSLLILAIVALVVAAILAIVVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCKFVGHSLLWGTCVERCKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KLKAMCKISTTLCYFKLH\*FEV\*YYY\*HQ\*\*YWGRDEGRNKKLLFQCHHTNKK\*DKKRICTF\*\*T\*CSTNR\*QEEE\*\*L\*\*LHIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCDCKV\*\*\*DV\*WNRTMHKCQYSTMYTWN\*ASSVNSTSVKWQSSRRRYSN\*I\*KFYGQC\*DHNSTAE\*NCRN\*LYKTQQQYKKEYTYRTGEIILCNRRHNRRYKTSTL\*C\*CRKMDQHFRKGSYKIKRTI\*ISK\*NNSL\*ATTLRRGPRKYNAHI\*LWRGIFLL\*YNKAI\*\*YLAD\*\*LLEWYLARVK\*\*\*WKCPYTPMQNKTNYKQMAGSRKSNVCPSHQGRN\*MFIKYYRASINKRWW\*HN\*VQKWD\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERQKSGRNTRSYVPWVLGSSRKHYGRSVDDADGTGQTITVWYSATAEQYAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALECKLE\*\*ICGSDLGKHDLDAVGKRN\*KLHRLNIHFT\*KIAEPARKE\*TRIIGIG\*VGKFVELV\*HIKMAVVYKNIHNDSRRLTRFKNSFYCAFCSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRQRQRQIQSI

>B.2008.KM218161.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCLVCFTKKGLGISYGRKKRRQRRRTAQDSSPDQTPLPKQ\*VVYVMQSLLILAIVALVVAAILAIVVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCKFVGHSLLWGTCVERCKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KLKAMCKISTTLCYFKLH\*FEV\*YYY\*HQ\*\*YWGRDEGRNKKLLFQCHHTNKK\*DKKRICTF\*\*T\*CSTNR\*QEEE\*\*L\*\*LHIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCDCKV\*\*\*DV\*WNRTMHKCQYSTMYTWN\*ASSVNSTSVKWQSSRRRYSN\*I\*KFYGQC\*DHNSTAE\*NCRN\*LYKTQQQYKKEYTYRTGEIILCNRRHNRRYKTSTL\*C\*CRKMDQHFRKGSYKIKRTI\*ISK\*NNSL\*ATTLRRGPRKYNAHI\*LWRGIFLL\*YNKAI\*\*YLAD\*\*LLEWYLARVK\*\*\*\*KCPYTPMQNKTNYKQMAGSRKSNVCPSHQGRN\*MFIKYYRASINKRWW\*HN\*VQKWD\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERQKSGRNTRSYVPWVLGSSRKHYGRSVDDADGTGQTITVWYSATAEQYAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALECKLE\*\*ICGSDLGKHDLDAVGKRN\*KLHRLNIHFT\*KIAEPARKE\*TRIIGIG\*VGKFVELV\*HIKMAVVYKNIHNDSRRLTRFKNSFYCAFCSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRQRQRQIQSI

>B.2008.KM218162.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCLVCFTKKGLGISYGRKKRRQRRRTAQDSSPDQTPLPKQ\*VVYVMQSLLILAIVALVVAAILAIVVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCKFVGHSLLWGTCVERCKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KLKAMCKISTTLCYFKLH\*FEV\*YYY\*HQ\*\*YWGRDEGRNKKLLFQCHHTNKK\*DKKRICTF\*\*T\*CSTNR\*QEEE\*\*L\*\*LHIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCDCKV\*\*\*DV\*WNRTMHKCQYSTMYTWN\*ASSVNSTSVKWQSSRRRYSN\*I\*KFYGQC\*DHNSTAE\*NCRN\*LYKTQQQYKKEYTYRTGEIILCNRRHNRRYKTSTL\*C\*CRKMDQHFRKGSYKIKRTI\*ISK\*NNSL\*ATTLRRGPRKYNAHI\*LWRGIFLL\*YNKAI\*\*YLAD\*\*LLEWYLARVK\*\*\*GKCPYTPMQNKTNYKQMAGSRKSNVCPSHQGRN\*MFIKYYRASINKRWW\*HN\*VQKWD\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERQKSGRNTRSYVPWVLGSSRKHYGRSVDDADGTGQTITVWYSATAEQYAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALECKLE\*\*ICGSDLGKHDLDAVGKRN\*KLHRLNIHFT\*KIAEPARKE\*TRIIGIG\*VGKFVELV\*HIKMAVVYKNIHNDSRRLTRFKNSFYCAFCSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRQRQRQIQSI

>B.2008.KM218164.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCLVCFTKKGLGISYGRKKRRQRRRTAQDSSPDQTPLPKQ\*VVYVMQSLLILAIVALVVAAILAIVVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCKFVGHSLLWGTCVERCKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KLKAMCKISTTLCYFKLH\*FEV\*YYY\*HQ\*\*YWGRDEGRNKKLLFQCHHTNKK\*DKKRICTF\*\*T\*CSTNR\*QEEE\*\*L\*\*LHIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCDCKV\*\*\*DV\*WNRTMHKCQYSTMYTWN\*ASSVNSTSVKWQSSRRRYSN\*I\*KFYGQC\*DHNSTAE\*NCRN\*LYKTQQQYKKEYTYRTGEIILCNRRHNRRYKTSTL\*C\*CRKMDQHFRKGSYKIKRTI\*ISK\*NNSL\*ATTLRRGPRKYNAHI\*LWRGIFLL\*YNKAI\*\*YLAD\*\*LLEWYLARVK\*\*\*WKCPYTPMQNKTNYKQMAGSRKSNVCPSHQGRN\*MFIKYYRASINKRWW\*HN\*VQKWD\*NLQTWRRRYEGQLEK\*II\*I\*SGKN\*ATRNSTHQGKEKSGAERQKSGRNTRSYVPWVLGSSRKHYGRSVDDADGTGQTITVWYSATAEQYAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALECKLE\*\*ICGSDLGKHDLDAVGKRN\*KLHGLNIHFT\*KIAEPARKE\*TRIIGIG\*VGKFVELV\*HIKMAVVYKNIHNDSRRLTRFKNSFYCAFCSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRQRQRQIQSI

>B.2008.KM218165.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCLVCFTKKGLGISYGRKKRRQRRRTAQDSSPDQTPLPKQ\*VVYVMQSLLILAIVALVVAAILAIVVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCKFVGHSLLWGTCVERCKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KLKAMCKISTTLCYFKLH\*FEV\*YYY\*HQ\*\*YWGRDEGRNKKLLFQCHHTNKK\*DKKRICTF\*\*T\*CSTNR\*QEEE\*\*L\*\*LHIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCDCKV\*\*\*DV\*WNRTMHKCQYSTMYTWN\*ASSVNSTSVKWQSSRRRYSN\*I\*KFYGQC\*DHNSTAE\*NCRN\*LYKTQQRYEKEYTYRTGEIILCNRRHNRRYKTSTL\*C\*CRKMDQHFRKGSYKIKRTI\*ISK\*NNSL\*ATTLRRGPRKYNAHI\*LWRGIFLL\*YNKAI\*\*YLAD\*\*LLEWYLARVK\*\*\*GKCPYTPMQNKTNYKQMAGSRKSNVCPSHQGRN\*MFIKYYRASINKRWW\*HN\*VQKWD\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERQKSGRNTRSYVPWVLGSSRKHYGRSVDDADGTGQTITVWYSATAEQC\*KLLRRNSTCCNSQSGASSSSRQESWLWKDT\*GINSSWGFGVALENSSAPLLCLGMQVGVINLWIRFGKT\*PGCSGKEKLKITQA\*YTLYLKNRRTSKKRMNKNYWNWMSGQVCGIGLTYQNGCGI\*KYS\*\*\*\*EAY\*V\*E\*FLLCFL\*\*IELGRDTHHCHSRSASQLRGDPTGPKESKKKVETETETDPID\*

>B.2008.KM218166.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCLVCFTKKGLGISYGRKKRRQRRRTAQDSSSDQTPLPKQ\*VVYVMQSLLILAIVALVVAAILAIVVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCKFVGHSLLWGTCVERCKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KLKAMCKISTTLCYFKLH\*FEV\*YYY\*HQ\*\*YWGRDEGRNKKLLFQCHHTNKK\*DKKRICTF\*\*T\*CSTNR\*QEEE\*\*L\*\*LHIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCDCKV\*\*\*DV\*WNRTMHKCQYSTMYTWN\*ASSVNSTSVKWQSSRRRYSN\*I\*KFYGQC\*DHNSTAE\*NCRN\*LYKTQQQYKKEYTYRTGEIILCNRRHNRRYKTSTL\*C\*CRKMDQHFRKGSYKIKRTI\*ISK\*NNSL\*ATTLRRGPRKYNAHI\*LWRGIFLL\*YNKAI\*\*YLAD\*\*LLEWYLARVK\*\*\*\*KCPYTPMQNKTNYKQMAGSRKSNVCPSHQGRN\*MFIKYYRASINKRWW\*HN\*VQKWD\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERQKSGRNTRSYVPWVLGSSRKHYGRSVDDADGTGQTITVWYSATAEQYAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALECKLE\*\*ICGSDLGKHDLDAVGKRN\*KLHRLNIHFT\*KIAEPARKE\*TRIIGIG\*VGKFVELV\*HIKMAVVYKNIHNDSRRLTRFKNSFYCAFCSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRQRQRQIQSI

>B.2008.KM218167.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCLVCFTKKGLGISYGRKKRRQRRRTAQDSSPDQTPLPKQ\*VVYVMQSLLILAIVALVVAAILAIVVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCKFVGHSLLWGTCVERCKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KLKAMCKISTTLCYFKLH\*FEV\*YYY\*HQ\*\*YWGRDEGRNKKLLFQCHHTNKK\*DKKRICTF\*\*T\*CSTNR\*QEEE\*\*L\*\*LHIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCDCKV\*\*\*DV\*WNRTMHKCQYSTMYTWN\*ASSVNSTSVKWQSSRRRYSN\*I\*KFYGQC\*DHNSTAE\*NCRN\*LYKTQQQYKKEYTYRTGEIILCNRRHNRRYKTSTL\*C\*CRKMDQHFRKGSYKIKRTI\*ISK\*NNSL\*ATTLRRGPRKYNAHI\*LWRGIFLL\*YNKAI\*\*YLAD\*\*LLEWYLARVK\*\*\*GKCPYTPMQNKTNYKQMAGSRKSNVCPSHQGRN\*MFIKYYRASINKRWW\*HN\*VQKWD\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERQKSGRNTRSYVPWVLGSSRKHYGRSVDDADGTGQTITVWYSATAEQYAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALECKLE\*\*ICGSDLGKHDLDAVGKRN\*KLHRLNIHFT\*KIAEPARKE\*TRIIGIG\*VGKFVELV\*HIKMAVVYKNIHNDSRRLTRFKNSFYCAFCSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRQRQRQIQSI

>B.2008.KM218168.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCLVCFTKKGLGISYGRKKRRQRRRTAQDSSPDQTPLPKQ\*VVYVMQSLLILAIVALVVAAILAIVVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCKFVGHSLLWGTCVERCKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KLKAMCKISTTLCYFKLH\*FEV\*YYY\*HQ\*\*YWGRDEGRNKKLLFQCHHTNKK\*DKKRICTF\*\*T\*CSTNR\*QEEE\*\*L\*\*LHIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCDCKV\*\*\*DV\*WNRTMHKCQYSTMYTWN\*ASSVNSTSVKWQSSRRRYSN\*I\*KFYGQC\*DHNSTAE\*NCRN\*LYKTQQQYKKEYTYRTGEIILCNRRHNRRYKTSTL\*C\*CRKMDQHFRKGSYKIKRTI\*ISK\*NNSL\*ATTLRRGPRKYNAHI\*LWRGIFLL\*YNKAI\*\*YLAD\*\*LLEWYLARVK\*\*\*\*KCPYTPMQNKTNYKQMAGSRKSNVCPSHQGRN\*MFIKYYRASINKRWW\*HN\*VQKWD\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERQKSGRNTRSYVPWVLGSSRKHYGRSVDDADGTGQTITVWYSATAEQYAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALECKLE\*\*ICGSDLGKHDLDAVGKRN\*KLHRLNIHFT\*KIAEPARKE\*TRIIGIG\*VGKFVELV\*HIKMAVVYKNIHNDSRRLTRFKNSFYCAFCSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRQRQRQIQSI

>B.2008.KM218171.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCLVCFTKKGLGISYGRKKRRQRRRTAQDSSPDQTPLPKQ\*VVYVMQSLLILAIVALVVAAILAIVVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCKFVGHSLLWGTCVERCKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KLKAMCKISTTLCYFKLH\*FEV\*YYY\*HQ\*\*YWGRDEGRNKKLLFQCHHTNKK\*DKKRICTF\*\*T\*CSTNR\*QEEE\*\*L\*\*LHIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCDCKV\*\*\*DV\*WNRTMHKCQYSTMYTWN\*ASSVNSTSVKWQSSRRRYSN\*I\*KFYGQC\*DHNSTAE\*NCRN\*LYKTQQQYKKEYTYRTGEIILCNRRHNRRYKTSTL\*C\*CRKMDQHFRKGSYKIKRTI\*ISK\*NNSL\*ATTLRRGPRKYNAHI\*LWRGIFLL\*YNKAI\*\*YLAD\*\*LLEWYLARVK\*\*\*\*KCPYTPMQNKTNYKQMAGSRKSNVCPSHQGRN\*MFIKYYRASINKRWW\*HN\*VQKWD\*NLQTWRRRYEGQLEK\*II\*I\*NSKN\*ATRNSTHQGKEKSGAERQKSGRNTRSYVPWVLGSSRKHYGRSVDDADGTGQTITVWYSATAEQYAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALECKLE\*\*ICGSDLGKHDLDAVGKRN\*KLHRLNIHFT\*KIAEPARKE\*TRIIGIG\*VGKFVELV\*HIKMAVVYKNIHNDSRRLTRFKNSFYCAFCGE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRQRQRQIQSI

>B.2008.KM218172.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCLVCFTKKGLGISYGRKKRRQRRRTAQDSSPDQTPLPKQ\*VVYVMQSLLILAIVALVVAAILAIVVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCKFVGHSLLWGTCVERCKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KLKAMCKISTTLCYFKLH\*FEV\*YYY\*HQ\*\*YWGRDEGRNKKLLFQCHHTNKK\*DKKRICTF\*\*T\*CSTNR\*QEEE\*\*L\*\*LHIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCDCKV\*\*\*DV\*WNRTMHKCQYSTMYTWN\*ASSVNSTSVKWQSSRRRYSN\*I\*KFYGQC\*DHNSTAE\*NCRN\*LYKTQQQYKKEYTYRTGEIILCNRRHNRRYKTSTL\*C\*CRKMDQHFRKGSYKIKRTI\*ISK\*NNSL\*ATTLRRGPRKYNAHI\*LWRGIFLL\*YNKAI\*\*YLAD\*\*LLEWYLARVWKCPYTPMQNKTNYKQMAGSRKSNVCPSHQGRN\*MFIKYYRASINKRWW\*HN\*VQKWD\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERQKSGRNTRSYVPWVLGSSRKHYGRSVDDADGTGQTITVWYSATAEQYAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALECKLE\*\*ICGSDLGKHDLDAVGKRN\*KLHRLNIHFT\*KIAEPARKE\*TRIIGIG\*VGKFVELV\*HIKMAVVYKNIHNDSRRLTRFKNSFYCAFCSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRQRQRQIQSI

>B.2008.KM218173.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCLVCFTKKGLGISYGRKKRRQRRRTAQDSSPDQTPLPKQ\*VVYVMQSLLILAIVALVVAAILAIVVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCKFVGHSLLWGTCVERCKHHFILCIRC\*SI\*HRGT\*CLGXTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KLKAMCKISTTLCYFKLH\*FEV\*YYY\*HQ\*\*YWGRDEGRNKKLLFQCHHTNKK\*DKKRICTF\*\*T\*CSTNR\*QEEE\*\*L\*\*LHIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCDCKV\*\*\*DV\*WNRTMHKCQYSTMYTWN\*ASSVNSTSVKWQSSRRRYSN\*I\*KFYGQC\*DHNSTAE\*NCRN\*LYKTQQQYKKEYTYRTGEIILCNRRHNRRYKTSTL\*C\*CRKMDQHFRKGSYKIKRTI\*ISK\*NNSL\*ATTLRRGPRKYNAHI\*LWRGIFLL\*YNKAI\*\*YLAD\*\*LLEWYLARVK\*\*\*\*KCPYTPMQNKTNYKQMAGSRKSNVCPSHQGRN\*MFIKYYRASINKRWW\*HN\*VQKWD\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERQKSGRNTRSYVPWVLGSSRKHYGRSVDDADGTGQTITVWYSATAEQYAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALECKLE\*\*ICGSDLGKHDLDAVGKRN\*KLHRLNIHFT\*KIAEPARKE\*TRIIGIG\*VGKFVELV\*HIKMAVVYKNIHNDSRRLTRFKNSFYCAFCSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRQRQRQIQSI

>B.2008.KM218174.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCLVCFTKKGLGISYGRKKRRQRRRTAQDSSPDQTPLPKQ\*VVYVMQSLLILAIVALVVAAILAIVVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCKFVGHSLLWGTCVERCKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KLKAMCKISTTLCYFKLH\*FEV\*YYY\*HQ\*\*YWGRDEGRNKKLLFQCHHTNKK\*DKKRICTF\*\*T\*CSTNR\*QEEE\*\*L\*\*LHIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCDCKV\*\*\*DV\*WNRTMHKCQYSTMYTWN\*ASSVNSTSVKWQSSRRRYSN\*I\*KFYGQC\*DHNSTAE\*NCRN\*LYKTQQQYKKEYTYRTGEIILCNRRHNRRYKTSTL\*C\*CRKMDQHFRKGSYKIKRTI\*ISK\*NNSL\*ATTLRRGPRKYNAHI\*LWRGIFLL\*YNKAI\*\*YLAD\*\*LLEWYLARVK\*\*\*GKCPYTPMQNKTNYKQMAGSRKSNVCPSHQGRN\*MFIKYYRASINKRWW\*HN\*VQKWD\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERQKSGRNTRSYVPWVLGSSRKHYGRSVDDADGTGQTITVWYSATAEQYAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALECKLE\*\*ICGSDLGKHDLDAVGKRN\*KLHRLNIHFT\*KIAEPARKE\*TRIIGIG\*VGKFVELV\*HIKMAVVYKNIHNDSRRLTRFKNSFYCAFCSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRQRQRQIQSI

>B.2008.KM218175.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCLVCFTKKGLGISYGRKKRRQRRRTAQDSSPDQTPLPKQ\*VVYVMQSLLILAIVALVVAAILAIVVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCKFVGHSLLWGTCVERCKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KLKAMCKISTTLCYFKLH\*FEV\*YYY\*HQ\*\*YWGRDEGRNKKLLFQCHHTNKK\*DKKRICTF\*\*T\*CSTNR\*QEEE\*KL\*\*LHIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCDCKV\*\*\*DV\*WNRTMHKCQYSTMYTWN\*ASSVNSTSVKWQSSRRRYSN\*I\*KFYGQC\*DHNSTAE\*NCRN\*LYKTQQQYKKEYTYRTGEIILCNRRHNRRYKTSTL\*C\*CRKMDQHFRKGSYKIKRTI\*ISK\*NNSL\*ATTLRRGPRKYNAHI\*LWRGIFLL\*YNKAI\*\*YLAD\*\*LLEWYLARVK\*\*\*WKCPYTPMQNKTNYKQMAGSRKSNVCPSHQGRN\*MFIKYYRASINKRWW\*HN\*VQKWD\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERQKSGRNTRSYVPWVLGSSRKHYGRSVDDADGTGQTITVWYSATAEQYAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALECKLE\*\*ICGSDLGKHDLDAVGKRN\*KLHRLNIHFT\*KIAEPARKE\*TRIIGIG\*VGKFVELV\*HIKMAVVYKNIHNDSRRLTRFKNSFYCAFCSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRQRQRQIQSI

>B.2008.KM218176.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCLVCFTKKGLGISYGRKKRRQRRRTAQDSSPDQTPLPKQ\*VVYVMQSLLILAIVALVVAAILAIVVWTIVFIEYRKIRKQRKIDRLIERIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CCKFVGHSLLWGTCVERCKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMG\*KLKAMCKISTTLCYFKLH\*FEV\*YYY\*HQ\*\*YWGRDEGRNKKLLFQCHHTNKK\*DKKRICTF\*\*T\*CSTNR\*QEEE\*\*L\*\*LHIYVDKL\*HLSHYAGLSKGIL\*TNSHTLLYPGWFCDCKV\*\*\*DV\*WNRTMHKCQYSTMYTWN\*ASSVNSTSVKWQSSRRRYSN\*I\*KFYGQC\*DHNSTAE\*NCRN\*LYKTQQQYRKEYTYRTGEIILCNRRHNRRYKTSTL\*C\*CRKMDQHFRKGSYKIKRTI\*ISK\*NNSL\*ATTLRRGPRKYNAHI\*LWRGIFLL\*YNKAI\*\*YLAD\*\*LLEWYLARVK\*\*\*\*KCPYTPMQNKTNYKQMAGSRKSNVCPSHQGRN\*MFIKYYRASINKRWW\*HN\*VQKWD\*NLQTWRRRYEGQLEK\*II\*I\*NSKN\*ATRNSTHQGKEKSGAERQKSGRNTRSYVPWVLGSSRKHYGRSVDDADGTGQTITVWYSATAEQYAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALECKLE\*\*ICGSDLGKHDLDAVGKRN\*KLHRLNIHFT\*KIAEPARKE\*TRIIGIG\*VGKFVELV\*HIKMAVVYKNIHNDSRRLTRFKNSFYCAFCGE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRQRQRQIQSI

>B.2008.KM218184.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVRYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPAGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFNRFKNSFYCVFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218185.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVRYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFSRFKNSFYCAFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218186.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVRYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFSRFKNSFYCAFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218187.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVRYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFNRFKNSFYCVFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218188.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVRYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFSRFKNSFYCAFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218189.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNINDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRHNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVR\*RYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLDIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFNRFKNSFYCVFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218190.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVRYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFSRFKNSFYCAFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218191.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIERISERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSILWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVRYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFNRFKNSFYCVFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218192.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAD\*\*YLARVLARVRYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFSRFKNSFYCAFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218193.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVRYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFNGFKNSFYCVFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRKRRWRQRQRQIQSL

>B.2008.KM218194.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLPKQ\*VVHVMPSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVRYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFSRFKNSFYCAFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218195.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEXLSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYSPTXK\*GK\*E\*RK\*NVALFNKLDVVPIDNSNSSYMLINCNTSVITQACPKVSFEPIPIHYCTPAGFAIIKCNDKTFNGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEKEIVIRSENFTDNAKTIIVQLNETVEINCTRPSNNTRKSIHVGLGRSFYATGDIIGDIRQAHCNVSVTKWNNTLRQVAVKLKEQFKNTTIVFNRTTGGDPEIVMHTFNCGGEFFYCNTTKLFNHTWLANNTWQESWQGSDTITLQCRIKQIINRWQEVGKAMYNPPIRGQIRCSSNITGLLLTRDGGNTNGSRNGPETFRPGGGDMRDNWRSELYKYKVVKIEPLGIAPTKARRRVVQREKRAVGTIGAMFLGFLGAAGSTMGAASVTLTVQARLLLSGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTNVPWNASWSNKSVNEIWNNMTWMQWEREIDNYTGLIYTLLEKSQNQQEKNEQELLELDKWANLWTWFDISNWLWYIKIFIMIVGGLVGLRIVFTVLSLVNRVRQGYSPLSFQIRLPAQRGPGRPEGIEEEGGDRDRDRSNRL

>B.2008.KM218196.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVRYYYPPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFSRFKNSFYCAFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218197.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRHNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVR\*RYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFNRFKNSFYCVFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218198.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYDNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVRYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFSRFKNSFYCAFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218200.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKWQSSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSCKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVRYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFSRFKNSFYCAFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218201.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVRYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIIMIVGGLVGLRIVFTVLSLVNRVRQGYSPLSFQIRLPAQRGPGRPEGIEEEGGDRDRDRSNRL

>B.2008.KM218202.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVRYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFNRFKNSFYCVFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218203.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVR\*RYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASINKRWW\*HEWVQKWA\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQTAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFSRFKNSFYCAFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218204.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVRYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFNRFKNSFYCVFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218205.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVRYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFSRFKNSFYCAFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218207.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFNLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVRYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFNRFKNSFYCVFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218209.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFIKKGLGISYGRKKRRQRRRAPQNSPADQTTLSKQ\*VVHVMSSLIVLAIIALVVAAILAIVVWTIVLIEYRKIRKQRRIDKLIDRIAERAEDSGNDSEGDQEELSALVDMGHDAPWNVNDL\*G\*RFVGHSLLWGTCVERGKHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEKQYGRTDAGRCNQFMG\*KPKAMCKINTTLCYFKLHQCQYN\*\*CHRHRDEGRNKKLLFQYHHTNRK\*DKK\*TCTF\*\*T\*CSTNR\*\*\*L\*LYVDKL\*HLSHYAGLSKGIL\*ANSHTLLYPCWFCDYKV\*\*\*DFQWNRTMYKCQYSTMYTWN\*ASSVNSIAVKW\*SSRKGDSN\*I\*KLHGQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTCRTGEIILCNRRYNRRHKASTL\*C\*CNKMEQHFKTGSYKIKRTI\*KYNNSL\*SNHRRGPRNCNAHI\*LWRGIFLL\*YNKAV\*SYLAG\*\*YLARVLARVRYYYSPMQNKTNYKQMAGSRKSNV\*PSHQGTN\*MFIKYYRASVNKRWW\*HEWVQKWA\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHH\*CALEC\*LE\*\*ICK\*DLEQHDLDAVGERN\*QLHRLNIHFT\*KIAEPTGKE\*TRIIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSGGFNRFKNSFYCVFSSE\*S\*AGILTIVIPDPPPSSAGTRQARRNRRRRWRQRQRQIQSL

>B.2008.KM218210.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERTEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGHSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNSHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218211.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218213.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHYSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218214.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRGQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218215.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAERYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218216.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVENDMVEQMQKDIISLWDESLKPCAKLTPLCVTLNCTDWKSNTTNTTNIINATQSSGENMNGELKNCSFNVTTQIENKVRKEQALFNSLDIVPIDKGNSTYMLVNCNTSVITQACPKISFEPIPIHYCTPAGFAIIKCNNKTFNGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAETDIVVRSENFTNNAKTIIVQLNKTIQIECIRPNNNTRKSIHISPGRAFYATGDIIGDIRQAHCNVSANWNETLKQVAIKLKDQFKNKTTIVFKPPSGGDPEIIMLTFNCGGEFFYCNTSKLFNNTLQPNNTWNSTWQTDINGTITLPCRIKQIINRWQEVGRAMYAPPISGQIKCLSNITGLLLTRDGGKTNGSENETEIFRPGGGDMRDNWRSELYKYKVVKIEPLGIAPTKAKRRVVQREKRAVGTLGAVFLGFLGAAGSTMGAASMTLTVQARLLLSGIVQQQNNMLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICATAVPWNASWSNKSIDEIWNNMTWMQWEREIDNYTELIYSLLEKSQNQQEKNEQELLELDQWANLWNWFDISNWLWYIRIFIMIVGGLIGLKIVFTVFSIVNRVRQGYSPLSFQTRLPAQRGPDRPEETKEGGGERDRGTSTRL

>B.2008.KM218217.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218218.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218219.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218220.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWETHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218221.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSMGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218222.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218223.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218224.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*HYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKKPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218225.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKM\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*YDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218226.-

MEPVDSRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218227.-

MEPVDPRLEPWKHPGSQPRTPCTKCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNGTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*TTLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLHWIDILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218228.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218229.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218230.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRESNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYERSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218231.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218232.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQGELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218233.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIREGAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2008.KM218234.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCYHCPVCFLTKGLGISYGRKKRRRRRRAPPDSPPDQAALSKQ\*VVH\*VVHVMQSLTILAIIALVVATILAIVVWTIVLVQYRKIRRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*C\*KVVGHSLLWGTCVEKRKHHLILCIRG\*SI\*LRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRTDAEGYNQFMG\*KPKAMCKINPTLCYFKLH\*LEV\*YY\*YH\*YY\*CHSK\*WGKYERRNKKLLFQCNHTNRK\*GAKRTGTF\*\*S\*YSTNR\*G\*LYIYVGKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKV\*\*\*DIQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKWQSSRNRYSS\*I\*KFHKQC\*NHNSTAE\*NYTN\*VYKTQQQYKKEYTYKSRESILCNRRYNRRYKTSTL\*C\*CKLE\*NFKTGSYKIKRPI\*K\*DNNSL\*ATLRRGSRNYNAHI\*LWRGIFLL\*YIKIV\*\*YFTA\*\*YLE\*YLANRY\*RNHHTPMQNKTNYKQVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKGWW\*NEWVRK\*DRNLQAWRRRYERQLEK\*II\*I\*SSKN\*ATRNSTHQGKEKSGAERKESGGNTGSCVPRVLGSSRKHYGRSVNDADGTGQTIAVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLRHCCALEC\*LE\*\*IHR\*DLE\*HDLDAVGERN\*QLH\*INILFT\*KIAEPARKE\*ARIIGIGSMGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSLYCIFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHAL

>B.2009.KP109510.chronic

MEPVDPRLEPWKHPGSQPRTACNSCYCKKCCLHCQVCFMKKGLGISYGRKKRRPRRGTSQDSQTHQGPLSKQ\*VVHVMLSLEILSIVALVVVAIIAIVVWTIVCIEYRKIVRQRKIDRLINRISERAEDSGNESEGDQEELSALMEMGHHTPWDVNDM\*CYKTILGYSPLWGTCVERSNHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRNRIEKCDRRF\*HVEK\*HGRTNA\*RYN\*LMGSKLKAMCKVNPTLCYFKLH\*C\*DQ\*\*\*\*Q\*\*YRNEKLHFQCHHNIKR\*GKERICTFL\*A\*CSTNR\*\*\*\*\*\*\*YQQL\*VNKL\*HLNHYTSLSKGIL\*ANSHTLLYPSRFCASKM\*\*\*KVQWKRTMYQCQLSTMYTWN\*ASSVNSTAVKWQSSRRRGND\*I\*KFHK\*C\*NHNSTAKRNCSN\*LYKTQQQHKKRYPYGPRTSTLCNRRYNRRYKTSTL\*H\*\*KSME\*HFKTSSYKIKRKI\*CNNNSL\*SKLRRRPRNCNAQF\*LWRGIFILQYNTIV\*\*YLG\*YLG\*YYLE\*Y\*K\*HYHTPM\*NKTNYKHVAGSRTSNVCPSHRRTN\*MFVKYYRAIISERW\*\*Q\*QYK\*QDRNFQTSGRKYEGQLEK\*II\*I\*SGKN\*TNRNSTHSGKEKSGAERKKSSDTRSCVPWVLRSSRKHYGRSVNDADGTGQTITVWYSATAEQFAEGH\*GATAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*K\*KSH\*YLE\*HDLEPMGRRN\*QLHRLNILLT\*TITEPTRKE\*RRIIEIR\*LGKLVELV\*HIKVAVVYKDIHNDSRRLSRFKDNFCCTFYSK\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.2012.KP109511.chronic

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCCYHCPVCFITKGLGISYGRKKRRRRRRTPQDSPPDQAALSKQ\*VVHVMQPLIVLAIAALVVAAILAIVVWTIVFILYRKIRRQRKIDRLIDRIRERTEDSGNESDGDQEELSALVDMGHDAPWDVNNL\*C\*KFVGHSLLWGTCVERRKHHPILCIRG\*SI\*LRGT\*CLGHTCLRTYRP\*TTRSSIGKCDRKF\*YVEK\*HGRTDAKGCNQFMG\*KPKAMYKINSTLCYFKLH\*LEV\*Y\*\*\*Q\*SGYYHSK\*WGKYDWRNKKLLFQCNHTNKR\*DEKRICTF\*YA\*CKTNK\*Y\*LY\*LYIYVDTL\*YLSHYTGLSKDIL\*TNSHTLLYPSWFCDYKM\*\*\*DIQWNRTMHKCQYSTMYTWN\*ASSDNSTAVKWQYSRKRYSS\*I\*KFHEQC\*NHNSTAE\*NCRNCVYKTQQQYKKEYTVSRGKSLICNRTNNRRHKTSTL\*C\*CKKLD\*NFKTGGQKIKRPI\*E\*DNNLSAILRRGSRS\*DAHT\*LWRGVFLL\*YIKTV\*LYSPG\*WYLARAKQY\*WKWHTHTPMQNKTNHKQVAGSRKSNVCPSHRGKH\*LFIKYYRAAINKRWWYQHDE\*WVRNLQT\*RRRYEEQLEK\*II\*I\*SSKS\*ATRNSTHQGKEKSGAER\*KSSGNNRSYVPRVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAESY\*GATAHVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IHE\*HLE\*HDLDAVGKRN\*QLHRINIHFT\*KITKPARKE\*ARIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFHSE\*S\*AGILTFIIPDPPPSSEGTRQARRNRRRRWRERQRWIHSI

>B.2012.KP109512.chronic

MEPVDPNLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFLQKGLGIFHGRKKRRQRRRTHQNSETHQASLSKQ\*VVYVMQSLEIIAIVALVVAAIIAIVVWTIVLIEYRKILRQKKIDRLIARIEERAEDSGNESEGDQEELSALMEMGHHAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHSILCIR\*\*SI\*YRGT\*CMGHTCLCTHRPQPTRNSIGKCDRKL\*HVEK\*HGRTDA\*RYN\*LMGSKPKAMCKINPTLCYFKVY\*L\*WE\*YY\*WE\*N\*EGY\*WKCYY\*\*EGRNKKLLFQCHHKYKK\*GAGTICTFL\*T\*YSTN\*\*\*\*\*YYL\*VDKL\*HLSYYTGLSKDILYANSYTLLCPGWFCDSKV\*\*Y\*VQWNRAM\*KCQHSAMYTWN\*ASSINSTAVKWQPSRKGSKWQPSRKGRRGSN\*I\*QFHEQC\*THNSTADRSCKYYMYKTQQ\*YKKRYTHRTRESNLCNRSNNRKNKTSTL\*P\*\*NSME\*HFKKDS\*KIKRTI\*\*\*NNNLYSPLRRGPRNCNAQF\*LCRGIFLL\*YNTTV\*\*YLEWYYV\*W\*\*YLE\*YWE\*Y\*K\*HYHPPMQNKTNYKHVAGSRKSNVCPSHQWTNQMFIKYYRTDINKRWGGGTEQHERHRDLQAWRRRYEGQLEK\*II\*IQSSET\*TIRSSTH\*GKKKSGAERKKSIGTRSYVPWVLGNSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPGNLGLLWKAHLHHCCALEY\*LE\*\*IL\*\*DLG\*YDLDGVGKRN\*QLHRVNIQFN\*TIAEPAGEK\*TRIIGIGQLGKFVELV\*HIPMAVVYKNIHNDSRRLGRFKNSFCCTFYSK\*S\*AGILTITVSDPPPSTEGTRQARRNRRRRWRARQRQIQTI

>B.2010.KP109514.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRSPQDSQTNQAYLPKQ\*VIHVMSSLYILTIVAFVLVTIIAIVVWSIVFIEYRRILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALMEMGHHAPGNIDDL\*C\*GIVGHSLLWGTCVERSSHHSILCIRC\*SI\*QRGT\*CLGHTCLCTHRPQPTRNRIGKCDRKF\*HVEQ\*HGRPDA\*GYN\*FMGSKPKTMCKINPSLCYFTLL\*VE\*Y\*VP\*FECH\*\*YYP\*R\*QYH\*YY\*QWW\*\*FKKLLFQYDHNNDREDAEKLCTFLYI\*YSTYR\*YR\*Y\*\*L\*VDKL\*HLNPYTSLSKGIL\*ANSNTLLCPGWFCNLKV\*RQDIQWNRTMYKCQHSTMYTWN\*ASSINSIVVKWQSSRGRHSN\*I\*KFLGQC\*NHNSTAE\*IYTNCVCKTQQQYKKKYIYRTRENMVCNRRHNRRHKTSIL\*HYCWELE\*HFTTDR\*KIKRTI\*K\*NNKL\*SILRRGPRNCNAQL\*LWRGIFLL\*YNTAI\*\*YLAYLEGQCK\*S\*KK\*HKKYHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MCIKYYRVTINKRWGSGQ\*H\*R\*RDLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSTRSYVPWVLGNGRKHYGRSVNNADGTGQTIVVWYSATAEQSAEGY\*GATTFVATHSLGHQAAPGKNPGCGKIPTGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGYHLE\*HDLDAVG\*RN\*QLHKLNIHLT\*KIAEPARKE\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYNKWS\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRNI

>B.2009.KP109515.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNSCYCKKCCFHCQVCFTKKGLGIVYGRKKRRQRRRTPEDSQTHQISLSKQ\*VAYVMQPLEIVTIVALVGAILIAIVVWSIVIIEYRKILRQRRIDRLIDRIRERAEDSGNESGGDEEELSKLVEMGHDAPWNIDDL\*CTTIVGHSLLWGTCVERSKDYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSNGKRDRKF\*HVEK\*HGRTDA\*GYN\*IMGSKPKALCTINSTLCYFKLH\*LWGKWY\*YH\*\*Y\*NEKLFFQHHHKHKR\*GEQRTCTVL\*A\*CSINR\*\*Y\*\*Y\*L\*VKKL\*LLSH\*TGLPKSILRANSHTLLCPGWFCNSKM\*\*\*KV\*WNRAMYKC\*HSTVYTWN\*TSGINSTAVKWQSSRRGSN\*I\*KLHEQC\*NHNSTAE\*IYRN\*LHKTQQQYKKKYTYGTRGSILYNRSGNRRHKTSTL\*H\*WSKMGKNFRTGS\*KIKETI\*E\*NNSL\*SILRWGPRNCNAQF\*LWRGIFLL\*YNTTVQ\*YLEWYYLVK\*QGN\*QQQKYHHTPMQNKTNYKHVAAGRKSNVCPSHQRTNQMFIKYYRAAINKRWW\*\*\*\*\*YKWVRDLQTWGRRYEGQLEK\*II\*I\*SSNN\*TSRNSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGKYLGEHDLDGVGKRN\*QLHRLNIQLN\*RITDPTRKE\*TGIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDCRRLNRFKNSFYCTVYSE\*G\*EGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRWIRTT

>B.2013.KP109518.acute\_infection

MEPVDPKLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSKAHQAPLPKQ\*VLHVMQSLQVAAIKALVIAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CYRKIMGHSLLWSTCVEGSNHHSILCIRC\*SI\*YRKT\*CLGHTCLCTHRPRSTRNIIGKCDRKV\*HVEK\*HGRTNA\*GCNQFMGSKLKTMCKINPTLCYFKLH\*FENQELH\*FGNQELHWFEYH\*YSKQY\*\*\*GKRRYEKLLFQYHKRKESDTERICSFL\*T\*YNTNRYG\*E\*\*\*YQLYIDKL\*RLSHYTGLSKGNL\*TNSHTLLCPGWLCDFKM\*R\*ELQWNRNMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHHSTVEQFCRN\*LYKTQ\*QYKKKYTYRTRECILCNRGHNRRNKKSTVYP\*SATVGGNFKKGSYKIKRAI\*\*\*NNNL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLE\*Y\*Y\*\*KVKYY\*KHHASMQNKTNYKHVARSRESNVCPSHPRTNSM\*IKYYRDIINKRWW\*Y\*\*\*PE\*NLQTWRRKYEGQLEK\*II\*I\*SSRN\*TIRSGTHQGKEKSGAERKKSSGSSRSYVPWVLGSSRKHYGRSVNDVDGTGQTITVWYSAAAEQSAESY\*SATASVAAHSLGH\*AAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*QISG\*HLG\*HDLDGLG\*RN\*\*LHKPNI\*FT\*RIAEPARKE\*TRIVGIG\*MGKFMDMV\*HYELAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*G\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRKRQQFVRKI

>B.2009.KP411822.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRGADQDSQTHQASLSKQ\*VIYVMQPLVILAIVALVVAIIIAIVVWSIVLIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CFRPIVGYSLLWGTCVEGSKNHSILCIRC\*NI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKYKAMCEINPTLCYFKLH\*LEK\*\*Y\*WW\*\*YYHW\*LKDRERRNKKLLFQCYHRHRR\*EEDRICNFL\*A\*YSANT\*R\*\*\*HL\*VDKL\*HLSHYTGLSKDIL\*ANSHILLCPGWFCDSQV\*\*\*EVQWNGTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*V\*KFHKQC\*NHYSAAEPICRN\*LYEAQHQYKEKYTYGTRGIILYNRRHNRRYKTSTLQH\*\*SKME\*HFKTDSCQIERAIWGE\*NNSLYSLLRRGPRNCNA\*F\*LWRGIFLL\*YNRTV\*\*YLE\*H\*RVK\*H\*RK\*HTHTPMQNKTNYKHVAGSRKSNVCPSHHRTN\*MYIKHYRAALNKRWWYRPE\*C\*GLHTWRRRYERQLEK\*II\*I\*SSKS\*AIRISTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVDDADGTGQTIIVWYSATAK\*FAAGY\*GATASVETHSLGYQTAPGKTPGCGKIPKGSTAPGDLGMLWKTHLHHCSALEC\*LE\*QISQSDLG\*HDLDGVGKRN\*QLHRLNI\*LT\*RIAEPTGKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*G\*AGILTIIVTDPPPSNTEGTRRARRNRRRRWRERQRQIRSI

>B.2010.KP411823.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFMKKGLGISYGRKKRRQRRRASQDSQTHQDSLSKQ\*VTYVMQSLEILAIVALVVAVIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERTEDSGNESEGDQGRIVELLVEMGNHAPWDVNDDL\*CFRSIVGHSLLWGTCVERSNHHSILCL\*C\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKSKAMCKINPTLCYFELY\*FEK\*Y\*EQ\*YYQWNDTGERQDKNDSIQLLFQYHHKQKR\*MAARICIFL\*A\*YNANR\*RE\*Y\*YLYVDKL\*YLSHYTGLSKGIL\*ANSHTLLYPSWFCASKV\*\*\*EVQWNRTM\*KC\*HSTVYTWN\*ASSINSTAVKWQSSRRRGSN\*V\*KFHRQY\*NHYSTAE\*ICRN\*LHKTQQQYKEKYP\*P\*RTRESISYNRRNNREYKTSTL\*H\*\*SKME\*HFKTDSCQIKRAIWEE\*NNSL\*SLLRRGPRNCDAQF\*LWRGIFLL\*YNTTV\*\*YLEYHWRVK\*H\*RKWHNHTPMQNKTIYKHVA\*SRESNVCPSHQRTDYMFIKHYRAAINKRWW\*EPGQRH\*YFHTWRGRYERQLE\*\*IR\*I\*SNRNSTTTSSTHQGKDKIVAER\*KSSWNRICVPCLPGSGRKHYVCNVNDDDATSSRITVCDRANAKKFAEGY\*GATASVATHSLGHQAAPGKSPGYRRIPKGSTAPGTLGMLWKTHLYHCCALEC\*LE\*\*ISR\*DLE\*HDLEGVGKRN\*QLHRLNIQLT\*NIAEPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGILTNIVTDPPPSSEGTRQARSLGRKSWREMQRPLP\*M

>B.2011.KP411824.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRRTPQDSQTHQASLSKQ\*VVHVMLPLQIAAIVALVVVAIIAIVVWSIVLVEYRKILRQRKIDRILNRILERAEDSGNDSDGDQEELSALVDMGHDAPWDVNDL\*YCTKLVGHSLLWSACVERSNYHPILCIRC\*GI\*ERGT\*YLGHTCLCTHRPQSTRSSIGKCDRGF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCHFKLH\*SLV\*\*YC\*\*DYRENDNGERRDKKMLDRGQHMLDRCVDGALCTSF\*TTFSTTREHYIHLYADKSSLLETYKRLSKVFHRTDSTTIFCPGRFCHSNS\*K\*YGSWYRDMYSCPPSTMFERNQASCIESTSLA\*HIRSSGAN\*RQFQGHS\*NHNSTAQ\*FCTN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*H\*SSKME\*HFRKNSYKIERTI\*EQDNSLFSPLRRGSRNCITQF\*LWRRVFLLQFNTTV\*\*HLGY\*WDLQGL\*\*C\*LECYCPMH\*HPNYYNGAETRTSNGRASHCRKSNMFIKFVQRYPFSQFP\*\*HYCAPAGYA\*R\*R\*EVQLEQENVSMSSTMSN\*TIRSSTHHGKEKSGAKREKRFGTRSSVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSAAPRDLGLFWKTHLHHHCALEY\*LE\*\*NSRADLG\*HDLDAVGQRNSQLHRINIHLN\*RIADPAGKERTRIIRVR\*MVKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFYNK\*S\*EGILTIIVPDPPPSPEGTRQAISNRRRRWRERQRQRQSL

>B.2011.KP411825.-

MDPVDPRLEPWKHPGSQPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSEAHQVPLPEQ\*VIHVMHSSVVLAIVALVAAAIIAIVVWTIGLIKYRKILRQRKIDRLIDRISERAEYSGNESEGDQEELSALTGHLAPWDVNDL\*C\*RPTVGHSLLWGTCVERSNHHSNLCIRC\*SIRYRGT\*CLGHTCLCTHKPQPT\*SSIGKCDRKV\*HVEK\*HGRTDA\*GYNQFMGSEFKAMCKINPTLCHFTLHELN\*\*YYH\*Y\*PDNEYPENKKLLFQYHHKYER\*DREKTCIIL\*P\*CSTNR\*\*\*E\*D\*Y\*V\*TETLLYLYPCLCLDKH\*LCSHSLLCPCRIWYCNSKM\*RF\*CKWTMSMCQCSTMDTWT\*TKSVNPTVVDCHSI\*RRHRHCI\*HYLRQC\*NHNSTAERNCPN\*LYKTQ\*QYKEKYTYRTRESILCNRRHNRRYKTGIL\*R\*WESLE\*NFRKSSYKIKRTIYK\*NNSL\*ALLRRGPRNCIAQFYLWRGILLLEHNIPI\*\*YLEYECYLG\*ELE\*YQWRK\*HHHPPM\*NKANYIHGAGSRKSYVCPSHYWTN\*LLIQHYRVVINRMWW\*KLQ\*\*DLHTWRRKYERLLEK\*II\*I\*CTRN\*TIISSTHQGKEDSGA\*RKKSI\*IRIYVPWVLGSARKHYGRSVNNTDGTGHTIIVWYTAPA\*QSAESY\*GSSASVACHSQSY\*QPPV\*NPG\*AETTEVSTAPRNLLLLWKNPLRPCSTLEY\*LE\*\*I\*RSHFA\*\*NL\*AVGKRN\*QLHKFNIHLN\*RIAEPTRKE\*TGLCGIR\*VGKFEELVR\*IELAVVYKNIHNDSRSLDRVKDNVCCTFYSE\*S\*AGIFIIIMSDPLPSP\*GTRQARRNRRRRWRARQRQIHSI

>B.2010.KP411827.-

MEPVDPRLEPWKHPGSQPRTPCNNCYCKKCCLHCQVCFTKKGLGIFYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VVHVMQSLTVYSIVALVVVDRLAMFFWSTGLLEHEMVVKQQKRYNKTEIFRPGGGDMRDIGDESAGELAKLVERGHLVPGNMDDL\*CCRTIVGHSLLWGTCMERCNHHSILCIKC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSSIAKCNRTF\*RVEKWHGRTNA\*RYNQFMGSKPKAMCKINPTLCYSTLH\*FERDYQRGERKDEKLLFQYHHKHKR\*DADSICVIFYT\*SSANKGW\*NKC\*\*\*A\*L\*DNTL\*YLNHYTGLPKGIL\*TNSHTLLCPGWFCDSKV\*\*\*AIQWNRRM\*KCQLSTMYTWN\*ASCINSTAVKWQSSRRRYSN\*I\*KPHEQC\*NHNSTAE\*NCTN\*LYKTQQHSK\*KNTYRTREDISCNKKHNRKYKTGIL\*PQ\*ATMGRYFRKNS\*KIKTKFWN\*HNNSL\*PLLRRGP\*NCKGQN\*LWRKIFLLLFYQTV\*KYLEYGMEYSKGK\*HRK\*KYHSPMQNKTSYKYVAGSRKSNVCPSHRRTD\*MFIKYYRATINKRWW\*T\*Q\*RY\*QN\*DLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRNSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSIIDADGTGQTINVWYSATAKQLAKSC\*GATAYVATHSLGHQAAPGESPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*NAG\*YLD\*LDMDEVGKRN\*QLYRCNIQVT\*RIAKPTRKE\*TRIIGTG\*MGKFVELV\*HNKLAVVYKNIHNDSGGLNRFKNSFYCIFYSK\*S\*AGVLTCVVADPPPRPEGPPQARRNGRRSWRRRQRQFLSL

>B.2012.KP411828.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRNRRRSPQGDQTDQASLPKQ\*VVHVMQSLVILAIVALVIVGIIAIIVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDRGVIGTGVDMGHDAPWDVNDL\*C\*RREKVMGHSLLWGTCMERSNHHSILCIRC\*SI\*\*RST\*CLGHICLCTHRPQPTRISIGKCDRKF\*HGEK\*HDRTDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*LGKK\*YQH\*\*QY\*\*R\*\*QQLEYNGKRGDKKLLFQHHHRRER\*NAKRICTLL\*TRCSTNG\*\*\*\*\*Y\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWDRAM\*KCQYCTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQSHGQC\*NHNSTAKRTCKH\*LYKTQ\*QYKKRYSYRTRESILCNRRHNRRYKKSTL\*H\*F\*PME\*HIKTDS\*QIKRTIWEQNNSL\*\*ILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLEYD\*\*V\*K\*HCRK\*YYIHTPMQNKTNCKLVARSRKSNVCPSHRRTN\*LFINYYRTAINKRWW\*\*\*\*HK\*DRDL\*TWRRRYE\*QL\*K\*II\*I\*SSKN\*TIRNSTHQGKEKSGAEREKSSDARSCVPWVLGSSRKHYGRSVSSADGTGQTIVVWYSATAEQSAASY\*GATTYVATHSLGHQAAPGENPGCGKIPQGSTAPGNLGLLWKTHLYHCCALE\*\*LE\*\*ICRSHLGEHDLDGVGKRN\*\*LHRNNILLTS\*IATPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRSKNNFCCAFHSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRKRQRQIHSL

>B.2005.KP411829.-

MEPVNPTRKPRKHPRSHPRTPWTNCNGKKCCFLGHVCFPTKGS\*FPHGRKTRKKRRQRRRAPQDSKTHQASLSNQ\*VAYVMQPLEITAIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDCGNESEGDQEELIPF\*VEMGHHAPWDVNDL\*CFRSIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSTGKCDRKF\*HVEK\*HGRTDA\*GYNQFMG\*KSKAMCKINPVLCYFNVH\*FGK\*N\*\*YFKK\*N\*\*\*\*CDYGRWREEK\*KTALSISQA\*EKDAERICNFL\*A\*YSIHR\*\*\*Y\*L\*VDILYHLIHY\*GLP\*DLL\*VSFNTLYCPGGFCDYKV\*RYKVQWNRAM\*KCQHSTMYTWN\*ASGINSTAVEWQCSRRRYSH\*V\*KFHGQC\*NYNSTAEQVCRNSLYKTQQQYKKRYTYGTRESILYNRRNNRRYKASTLYPY\*HKLD\*HFKTDICQIKRTF\*E\*NNILYSTL\*WGYSRNDHPYLCFGRRILLLQTITSVYWHIQE\*H\*YFKYHPILTIR\*KVYFNSGLYDDQCVAGSRKSDLFPSHQWTN\*MFIKYYRAAINKRWW\*QQQ\*RDRD\*NLQTCGRKYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSNVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALE\*DLE\*\*ISG\*HLEKHDLDAVGKRN\*\*LHRLNIHLTCRLTAPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDNRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPFPSTEGTRQARRNRRRRWRERQRQIRTL

>B.2010.KR868834.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTDQASLPKQ\*VVHVMQPLYIVTIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNDSDGDEEELAAFMDRGHDAPWVINDL\*YRTVVGHSLLWGTGVERCKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSRPTRSRIGKCDRKF\*YVEK\*HGRTDAGRYN\*FMGSKPKAMCEINPTLCYFKLH\*LEFYSQY\*CYSDQ\*\*\*WDKYSGRRNKKLLFQCLHKGKK\*GNKRICTFLYT\*CNANR\*YKLYIDKL\*HLSHYTCLSKGIL\*AHSHTLLCPCWFRDSKV\*R\*EVQWNRTMYKRQHSTMYTWN\*ASGLNSTAVKWQSSRRRGRS\*ISRFLR\*C\*NHNSTAERICRN\*LYKTQ\*QYKKKYKYRTRESILCNRRNNRRYKTSTL\*H\*\*SKME\*HFRTNS\*KIKGEI\*E\*NNCL\*SILRRGPRNCNAHF\*LWRGIFLL\*HNTTI\*\*YLVS\*\*YLE\*Y\*E\*Y\*RVK\*YNHTPMQNKTNYKHVAGSRKSNICPSYQRTN\*MFIKYYRDDINKRWW\*\*WD\*HRDRDLQTPRRKYEGQLEK\*IV\*I\*SSKS\*TIRSSSH\*GKEKGGAERKKSSRNGSLVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAEGY\*GAAAPVATHSLGHQAAPGKSPGCGKIPKGSTALGNLGLLWKTHLHHCCALEY\*LE\*\*KLQSDLG\*HDLDGVGERN\*QLHKNNIHLN\*RIAKPTGTE\*KRLIGIGSMGKFVELVYHNKVAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRQRQRNIRWI

>B.2010.KR868835.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTDQASLPKQ\*VVHVMQPLYIVTIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNDSDGDEEELAAFMDRGHDAPWVINDL\*YRTVVGHSLLWGTGVERCKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSRPTRSRIGKCDRKF\*YVEK\*HGRTDAGRYN\*FMGSKPKAMCEINPTLCYFKLH\*LEFYSQY\*CYSDQ\*\*\*WDKYSGRRNKKLLFQCLHKGKK\*GNKRICTFLYT\*CNANR\*YKLYIDKL\*HLSHYTCLSKGIL\*AHSHTLLCPCWFRDSKV\*R\*EVQWNRTMYKRQHSTMYTWN\*ASGLNSTAVKWQSSRRRGRS\*ISRFLR\*C\*NHNSTAERICRN\*LYKTQ\*QYKKKYKYRTRESILCNRRNNRRYKTSTL\*H\*\*SKME\*HFRTNS\*KIKGEI\*E\*NNCL\*SILRRGPRNCNAHF\*LWRGIFLL\*HNTTI\*\*YLVS\*\*YLE\*Y\*E\*Y\*RVK\*YNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRDDINKRWW\*\*WD\*HRDRDLQTPRRKYEGQLEK\*IV\*I\*SSKS\*TIRSSSH\*GKEKGGAERKKSSRNGSLVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAEGY\*GAAAPVATHSLGHQAAPGKSPGCGKIPKGSTALGNLGLLWKTHLHHCCALEY\*LE\*\*KLQSDLG\*HDLDGVGERN\*QLHKNNIHLN\*RIAKPTGTE\*KRLIGIGSMGKFVELVYHNKVAVVYKNIHNDSRKLNGFKNSFCCTFYSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRQRQRNIRWI

>B.2010.KR868836.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTDQASLPKQ\*VVHVMQPLYIVTIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNDSDGDEEELAAFMDRGHDAPWVINDL\*YRTVVGHSLLWGTGVERCKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSRPTRSRIGKCDRKF\*YVEK\*HGRTDAGRYN\*FMGSKPKAMCEINPTLCYFKLH\*LEFYSQY\*CYSDQ\*\*\*WDKYSGRRNKKLLFQCLHKGKK\*GNKRICTFLYT\*CNANR\*YKLYIDKL\*HLSHYTCLSKGIL\*AHSHTLLCPCWFRDSKV\*R\*EVQWNRTMYKRQHSTMYTWN\*ASGLNSTAVKWQSSRRRGRS\*ISRFLR\*C\*NHNSTAERICRN\*LYKTQ\*QYKKKYKYRTRESILCNRRNNRRYKTSTL\*H\*\*SKME\*HFRTNS\*KIKGEI\*E\*NNCL\*SILRRGPRNCNAHF\*LWRGIFLL\*HNTTI\*\*YLVS\*\*YLE\*Y\*E\*Y\*RVK\*YNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRDDINKRWW\*\*WD\*HRDRDLQTPRRKYEGQLEK\*IV\*I\*SSKS\*TIRSSSH\*GKEKGGAERKKSSRNGSLVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAEGY\*GAAAPVATHSLGHQAAPGKSPGCGKIPKGSTALGNLGLLWKTHLHHCCALEY\*LE\*\*KLQSDLG\*HDLDGVGERN\*QLHKNNIHLN\*RIAKPTGTE\*KRLIGIGSMGKFVELVYHNKVAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRQRQRNIRWI

>B.2010.KR868837.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTDQASLPKQ\*VVHVMQPLYIVTIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNDSDGDEEELAAFMDRGHDAPWVINDL\*YRTVVGHSLLWGTGVERCKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSRPTRSRIGKCDRKF\*YVEK\*HGRTDAGRYN\*FMGSKPKAMCEINPTLCYFKLH\*LEFYSQY\*CYSDQ\*\*\*WDKYSGRRNKKLLFQCLHKGKK\*GNKRICTFLYT\*CNANR\*YKLYIDKL\*HLSHYTCLSKGIL\*AHSHTLLCPCWFRDSKV\*R\*EVQWNRTMYKRQHSTMYTWN\*ASGLNSTAVKWQSSRRRGRS\*ISRFLR\*C\*NHNSTAERICRN\*LYKTQ\*QYKKKYKYRTRESILCNRRNNRRYKTSTL\*H\*\*SKME\*HFRTNS\*KIKGEI\*E\*NNCL\*SILRRGPRNCNAHF\*LWRGIFLL\*HNTTI\*\*YLVS\*\*YLE\*Y\*E\*Y\*RVK\*YNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRDDINKRWW\*\*WD\*HRDRDLQTPRRKYEGQLEK\*IV\*I\*SSKS\*TIRSSSH\*GKEKGGAERKKSSRNGSLVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAEGY\*GAAAPVATHSLGHQAAPGKSPGCGKIPKGSTALGNLGLLWKTHLHHCCALEY\*LE\*\*KLQSDLG\*HDLDGVGERN\*QLHKNNIHLN\*RIAKPTGTE\*KRLIGIGSMGKFVELVYHNKVAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRQRQRNIRRI

>B.2010.KR868838.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTDQASLPKQ\*VVHVMQPLYIVTIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNDSDGDEEELAAFMDRGHDAPWVINDL\*YRTVVGHSLLWGTGVERCKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSRPTRSRIGKCDRKF\*YVEK\*HGRTDAGRYN\*FMGSKPKAMCEINPTLCYFKLH\*LEFYSQY\*CYSDQ\*\*\*WDKYSGRRNKKLLFQCLHKGKK\*GNKRICTFLYT\*CNANR\*YKLYIDKL\*HLSHYTCLSKGIL\*AHSHTLLCPCWFRDSKV\*R\*EVQWNRTMYKRQHSTMYTWN\*ASGLNSTAVKWQSSRRRGRS\*ISRFLR\*C\*NHNSTAERICRN\*LYKTQ\*QYKKKYKYRTRESILCNRRNNRRYKTSTL\*H\*\*SKME\*HFRTNS\*KIKGEI\*E\*NNCL\*SILRRGPRNCNAHF\*LWRGIFLL\*HNTTI\*\*YLVS\*\*YLE\*Y\*E\*Y\*RVK\*YNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRDDINKRWW\*\*WD\*HRDRDLQTPRRKYEGQLEK\*IV\*I\*SSKS\*TIRSSSH\*GKEKGGAERKKSSRNGSLVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAEGY\*GAAAPVATHSLGHQAAPGKSPGCGKIPKGSTALGNLGLLWKTHLHHCCALEY\*LE\*\*KLQSDLG\*HDLDGVGERN\*QLHKNNIHLN\*RIAKPTGTE\*KRLIGIRSMDKFVELVYHNKVAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRQRQRNIRRI

>B.2010.KR868839.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTDQASLPKQ\*VVHVMQPLYIVTIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNDSDGNEEELAAFMDRGHDAPWVINDL\*YRTVVGHSLLWGTGVERCKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSRPTRSKIGKCDRKF\*YVEK\*HGRTDAGRYN\*FMGSKPKAMCEINPTLCYFKLH\*LEFYSQY\*CYSDQ\*\*\*WDKYSGRRNKKLLFQCLHKGKK\*GNKRICTFLYT\*CNANR\*YKLYIDKL\*HLSHYTCLSKGIL\*AHSHTLLCPCWFRDSKV\*R\*EVQWNRTMYKRQHSTMYTWN\*ASGLNSTAVKWQSSRRRGRS\*ISRFLR\*C\*NHNSTAERICRN\*LYKTQ\*QYKKKYKYRTRESILCNRRNNRRYKTSTL\*H\*\*SKME\*HFRTNS\*KIKGEI\*E\*NNCL\*SILRRGPRNCNAHF\*LWRGIFLL\*HNTTI\*\*YLVS\*\*YLE\*Y\*E\*Y\*RVK\*YNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRDDINKRWW\*\*WD\*HRDRDLQTPRRKYEGQLEK\*IV\*I\*SSKS\*TIRSSSH\*GKEKGGAERKKSSRNGSLVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAEGY\*GAAAPVATHSLGHQAAPGKSPGCGKIPKGSTALGNLGLLWKTHLHHCCALEY\*LE\*\*KLQSDLG\*HDLDGVGERN\*QLHKNNIHLN\*RIAKPTGTE\*KRLIGIGSMGKFVELVYHNKVAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRQRQRNIRWI

>B.2010.KR868840.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTDQASLPKQ\*VVHVMQPLYIVTIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNDSDGDEEELAAFMDRGHDAPWVINDL\*YRTVVGHSLLWGTGVERCKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSRPTRSRIGKCDRKF\*YVEK\*HGRTDAGRYN\*FMGSKPKAMCEINPTLCYFKLH\*LEFYSQY\*CYSDQ\*\*\*WDKYSGRRNKKLLFQCLHKGKK\*GNKRICTFLYT\*CNANR\*YKLYIDKL\*HLSHYTCLSKGIL\*AHSHTLLCPCWFRDSKV\*R\*EVQWNRTMYKRQHSTMYTWN\*ASGLNSTAVKWQSSRRRGRS\*ISRFLR\*C\*NHNSTAERICRN\*LYKTQ\*QYKKKYKYRTRESILCNRRNNRRYKTSTL\*H\*\*SKME\*HFRTNS\*KIKGEI\*E\*NNCL\*SILRRGPRNCNAHF\*LWRGIFLL\*HNTTI\*\*YLVS\*\*YLE\*Y\*E\*Y\*RVK\*YNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRDDINKRWW\*\*WD\*HRDRDLQTPRRKYEGQLEK\*IV\*I\*SSKS\*TIRSSSH\*GKEKGGAERKKSSRNGSLVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAEGY\*GAAAPVATHSLGHQAAPGKSPGCGKIPKGSTALGNLGLLWKTHLHHCCALEY\*LE\*\*KLQSDLG\*HDLDGVGERN\*QLHKNNIHLN\*RIAKPTGTE\*KRLIGIGSMGKFVELVYHNKVAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRQRQRNIRWI

>B.2010.KR868841.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTDQASLPKQ\*VVHVMQPLYIVTIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNDSDGDEEELAAFMDRGHDAPWVINDL\*YRTVVGHSLLWGTGVERCKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSRPTRSRIGKCDRKF\*YVEK\*HGRTDAGRYN\*FMGSKPKAMCEINPTLCYFKLH\*LEFYSQY\*CYSDQ\*\*\*WDKYSGRRNKKLLFQCLHKGKK\*GNKRICTFLYT\*CNANR\*YKLYIDKL\*HLSHYTCLSKGIL\*AHSHTLLCPCWFRDSKV\*R\*EVQWNRTMYKRQHSTMYTWN\*ASGLNSTAVKWQSSRRRGRS\*ISRFLR\*C\*NHNSTAERICRN\*LYKTQ\*QYKKKYKYRTRESILCNRRNNRRYKTSTL\*H\*\*SKME\*HFRTNS\*KIKEEI\*E\*NNCL\*SILRRGPRNCNAHF\*LWRGIFLL\*HNTTI\*\*YLVS\*\*YLE\*Y\*E\*Y\*RVK\*YNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRDDINKRWW\*\*WD\*HRDRDLQTPRRKYEGQLEK\*IV\*I\*SSKS\*TIRSSSH\*GKEKGGAERKKSSRNGSLVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAEGY\*GAAAPVATHSLGHQAAPGKSPGCGKIPKGSTALGNLGLLWKTHLHHCCALEY\*LE\*\*KLQSDLG\*HDLDGVGERN\*QLHKNNIHLN\*RIAKPTGTE\*KRLIGIGSMGKFVELVYHNKVAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRQRQRNIRWI

>B.2010.KR868842.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTDQASLPKQ\*VVHVMQPLYIVTIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNDSDGDEEELAAFMDRGHDAPWVINDL\*YRTVVGHSLLWGTGVERCKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSRPTRSRIGKCDRKF\*YVEK\*HGRTDAGRYN\*FMGSKPKAMCEINPTLCYFKLH\*LEFYSQY\*CYSDQ\*\*\*WDKYSGRRNKELLFQCLHKGKK\*GNKRICTFLYT\*CNANR\*YKLYIDKL\*HLSHYTCLSKGIL\*AHSHTLLCPCWFRDSKV\*R\*EVQWNRTMYKRQHSTMYTWN\*ASGLNSTAVKWQSSRRRGRS\*ISRFLR\*C\*NHNSTAERICRN\*LYKTQ\*QYKKKYKYRTRESILCNRRNNRRYKTSTL\*H\*\*SKME\*HFRTNS\*KIKGEI\*E\*NNCL\*SILRRGPRNCNAHF\*LWRGIFLL\*HNTTI\*\*YLVS\*\*YLE\*Y\*E\*Y\*RVK\*YNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRDDINKRWW\*\*WD\*HRDRDLQTPRRKYEGQLEK\*IV\*I\*SSKS\*TIRSSSH\*GKEKGGAERKKSSRNGSLVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAEGY\*GAAAPVATHSLGHQAAPGKSPGCGKIPKGSTALGNLGLLWKTHLHHCCALEY\*LE\*\*KLQSDLG\*HDLDGVGERN\*QLHKNNIHLN\*RIAKPTGTE\*KRLIGIGSMGKFVELVYHNKVAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRQRQRNIRWI

>B.2010.KR868843.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTDQASLPKQ\*VVHVMQPLYIVTIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNDSDGDEEELAAFMDRGHDAPWVINDL\*YRTVVGHSLLWGTGVERCKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSRPTRSRIGKCDRKF\*YVEK\*HGRTDAGRYN\*FMGSKPKAMCEINPTLCYFKLH\*LEFYSQY\*CYSDQ\*\*\*WDKYSGRRNKKLLFQCLHKGKK\*GNKRICTFLYT\*CNANR\*YKLYIDKL\*HLSHYTCLSKGIL\*AHSHTLLCPCWFRDSKV\*R\*EVQWNRTMYKRQHSTMYTWN\*ASGLNSTAVKWQSSRRRGRS\*ISRFLR\*C\*NHNSTAERICRN\*LYKTQ\*QYKKKYKYRTRESILCNRRNNRRYKTSTL\*H\*\*SKME\*HFRTNS\*KIKGEI\*E\*NNCL\*SILRRGPRNCNAHF\*LWRGIFLL\*HNTTI\*\*YLVS\*\*YLE\*Y\*E\*Y\*RVK\*YNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRDDINKRWW\*\*WD\*HRDRDLQTPRRKYEGQLEK\*IV\*I\*SSKS\*TIRSSSH\*GKEKGGAERKKSSRNGSLVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAEGY\*GAAAPVATHSLGHQAAPGKSPGCGKIPKGSTALGNLGLLWKTHLHHCCALEY\*LE\*\*KLQSDLG\*HDLDGVGERN\*QLHKNNIHLN\*RIAKPTGTE\*KRLIGIGSMGKFVELVYHNKVAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRQRQRNIRWI

>B.2010.KR868844.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTDQASLPKQ\*VVHVMQPLYIVTIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNDSDGDEEELAAFMDRGHDAPWVINDL\*YRTVVGHSLLWGTGVERCKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSRPTRSRIGKCDRKF\*YVEK\*HGRTDAGRYN\*FMGSKPKAMCEINPTLCYFKLH\*LEFYSQY\*CYSDQ\*\*\*WDKYSGRRNKKLLFQCLHKGKK\*GNKRICTFLYT\*CNANR\*YKLYIDKL\*HLSHYTCLSKGIL\*AHSHTLLCPCWFRDSKV\*R\*EVQWNRTMYKRQHSTMYTWN\*ASGLNSTAVKWQSSRRRGRS\*ISKFLR\*C\*NHNSTAERICRN\*LYKTQ\*QYKKKYKYRTRESILCNRRNNRRYKTSTL\*H\*\*SKME\*HFRTNS\*KIKGEI\*E\*NNCL\*SILRRGPRNCNAHF\*LWRGIFLL\*HNTTI\*\*YLVS\*\*YLE\*Y\*E\*Y\*RVK\*YNHTPMQNKTNYKHVAGSRKSNVSPSYQRTN\*MFIKYYRDDINKRWW\*\*WD\*HRDRDLQTPRRKYEGQLEK\*IV\*I\*SSKS\*TIRSSSH\*GKEKGGAERKKSSRNGSLVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAEGY\*GAAAPVATYSLGHQAAPGKSPGCGKIPKGSTALGNLGLLWKTHLHHCCALEY\*LE\*\*KLQSDLG\*HDLDGVGERN\*QLHKNNIHLN\*RIAKPTGTE\*KRLIGIGSMGKFVELVYHNKVAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRQRQRNIRWI

>B.2010.KR868845.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTDQASLPKQ\*VVHVMQPLYIVTIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNDSDGDEEELAAFMDRGHDAPWVINDL\*YRTVVGHSLLWGTGVERCKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSRPTRSRIGKCDRKF\*YVEK\*HGRTDAGRYN\*FMGSKPRAMCEINPTLCYFKLH\*LEFYSQY\*CYSDQ\*\*\*WDKYSGRRNKKLLFQCLHKGKK\*GNKRICTFLYT\*CNANR\*YKLYIDKL\*HLSHYTCLSKGIL\*AHSHTLLCPCWFRDSKV\*R\*EVQWNRTMYKRQHSTMYTWN\*ASGLNSTAVKWQSSRRRGRS\*ISKFLR\*C\*NHNSTAERICRN\*LYKTQ\*QYKKKYKYRTRESILCNRRNNRRYKTSTL\*H\*\*SKME\*HFRTNS\*KIKGEI\*E\*NNCL\*SILRRGPRNCNAHF\*LWRGIFLL\*HNTTI\*\*YLVS\*\*YLE\*Y\*E\*Y\*RVK\*YNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRDDINKRWW\*\*WD\*HRDRDLQTPRRKYEGQLEK\*IV\*I\*SSKS\*TIRSSSH\*GKEKGGAERKKSSRNGSLVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAEGY\*GAAAPVATYSLGHQAAPGKSPGCGKIPKGSTALGNLGLLWKTHLHHCCALEY\*LE\*\*KLQSDLG\*HDLDGVGERN\*QLHKNNIHLN\*RIAKPTGTE\*KRLIGIGSMGKFVELVYHNKVAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRQKQRNIRWI

>B.2010.KR868846.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTDQASLPKQ\*VVHVMQPLYIVTIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNDSDGDEEELAAFMDRGHDAPWVINDL\*YRTVVGHSLLWGTGVERCKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSRPTRSRIGKCDRKF\*YVEK\*HGRTDAGRYN\*FMGSKPKAMCEINPTLCYFKLH\*LEFYSQY\*CYSDQ\*\*\*WDKYSGRRNKKLLFQCLHKGKK\*GNKRICTFLYT\*CNANR\*YKLYIDKL\*HLSHYTCLSKGIL\*AHSHTLLCPCWFRDSKV\*R\*EVQWNRTMYKRQHSTMYTWN\*ASGLNSTAVKWQSSRRRGRS\*ISRFLR\*C\*NHNSTAERICRN\*LYKTQ\*QYKKKYKYRTRESILCNRRNNRRYKTSTL\*H\*\*SKME\*HFRTNS\*KIKGEI\*E\*NNCL\*SILRRGPRNCNAHF\*LWRGIFLL\*HNTTI\*\*YLVS\*\*YLE\*Y\*E\*Y\*RVK\*YNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRDDINKRWW\*\*WD\*HRDRDLQTPRRKYEGQLEK\*IV\*I\*SSKS\*TIRSSSH\*GKEKGGAERKKSSRNGSLVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAEGY\*GAAAPVATHSLGHQAAPGKSPGCGKIPKGSTALGNLGLLWKTHLHHCCALEY\*LE\*\*KLQSDLG\*HDLDGVGERN\*QLHKNNIHLN\*RIAKPTGTE\*KRLIGIGSMGKFVELVYHNKVAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRQRQRNIRWI

>B.2003.KR868847.-

MEPIDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLEKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMQSLKIAAIIALVVSAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCNFKLH\*C\*PGDY\*DL\*\*\*PGNEKLLFQGQPRHKRQDAERTGTFLCT\*FSTNK\*YKW\*\*YQIYINKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWNRTLYKCQHSTMYTWN\*ASSINSIAVKWQSSRKRDSN\*I\*KLHRPF\*KHNSTAERYCKHYLYKTK\*QYNKKYTYRTRESILCNRKDNRRYKTSIL\*H\*\*SKME\*HFKTDSYKIKKTIRTILE\*NKNNSL\*SLLRRGLRNCNAHL\*LWRGIFLL\*FNTTV\*\*\*MVR\*\*YLE\*C\*RRKCHNHTPMQDKTNCKHVAGSRKSNVCTSHCRKN\*LYIKYYRTDINKRS\*\*G\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAKGY\*GATAPVATHSLGHQAAPGKSPGCGKILKGSTAPGDLGLLWKTHLHHCCTLE\*\*LE\*\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLDIHLT\*RIAKPTGKE\*TRIIGIG\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKDSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARKNRRRRWRARQRQIRSI

>B.2003.KR868848.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMKSLEIASIIALVVAAIIAIVIWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCNFNLH\*C\*YDCYKECY\*YYNDCYS\*YL\*C\*\*GNEKLLFQCHPKCK\*QGGEKICTFLYI\*YSTNR\*E\*\*\*EYQLYVNKL\*YLSRYTSLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTL\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KYHRPF\*KHNSTAEQYCKHYLYKTK\*QYKKKYNYGTRESILCNGRNNRRYKTSTLYH\*\*NRME\*NFRTGSYKIRRTI\*E\*NNKL\*APLRRGPRNCNAHF\*LWRRIFLL\*FNTTV\*\*\*LVS\*\*SLE\*\*C\*TRKYHTPMQNKTNCKHVAGSRKSNVCTSHQRSN\*LYIKYYRTDINKRS\*\*WR\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHYSQEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGSGKISKGSTAPGDLGLLWKTHLHHCSTLE\*\*LE\*\*IFE\*DLE\*HDLDGVGKRN\*QLHRINIQLT\*TIAKPTGQE\*TRLIGIK\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSI

>B.2003.KR868849.-

MEPIDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMQSLKIAAIIALVVSAIIAVVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCNFKLH\*C\*PGDY\*DL\*\*\*PGNEKLLFQGQPRHKRQDAERTGTFLCT\*FSTNK\*YKW\*\*YQIYINKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWDRTLYKCQHSTMYTWN\*ASSINSIAVKWQSSRRRDSN\*I\*KLHRPF\*KHNSTAERYCKHYLYKTK\*QYNKKYTYRTRESILCNRKDNRRYKTSIL\*H\*\*SKME\*HFKTDSYKIKKTIRTILE\*NKNNSL\*SLLRRGLRNCNAHL\*LWRGIFLL\*FNTTV\*\*\*MVR\*\*YLE\*C\*RRKCHNHTPMQDKTNCKHVAGSRKSNVCTSHCRKN\*LYIKYYRTDINKRS\*\*G\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAKGY\*GATAPVATHSLGHQAAPGKSPGCGKILKGSTAPGDLGLLWKTHLHHCCTLE\*\*LE\*\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLDIHLT\*RIAKPTGKE\*TRIIGIG\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKDSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARKNRRRRWRARQRQIRSI

>B.2003.KR868850.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMQSLEIASIIALVVAAIIAIVVWSIVFIEYRKILKQRKIDRLINRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCNFNLH\*C\*YDCYNDYYPYYYIDCSPYCYPYYL\*Y\*PGNEKLLFQCHPKRK\*QGGEKICTFLYI\*YSTNR\*K\*\*\*NQLYVNKL\*YLSRYTGLSKDIL\*TNPHTLLCPGWFCDSKM\*\*\*EIQWNRTL\*KCQHSTMYTWN\*ASSINSTAVKWQPSRRRDSN\*I\*KYHRPF\*KHNSTAEQYCKHYLYKTK\*QYKTKYTYGTRESILCNGRHNRRYKTSTLYH\*\*NRME\*NFRTGSYKIRRTI\*E\*NNNL\*APLRRGPRNCNAHF\*LWRGIFLL\*FNTTV\*\*\*LVS\*\*SLE\*\*C\*TRKYHTPMQNKTNYKHVAGSRKSNVCTSHCRKN\*LYIKYYRTDINKRSRY\*Q\*YNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHYSQEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSATAEQSAEGY\*GATAPVATHSLGHQAAPGQSPGFGKIPKGSTAPGDLGLLWKTHLHHCCTLE\*\*LE\*\*NSEADLG\*HDLDGVGKRN\*QLHRTNIQLT\*RIAKPTGQE\*TRIIGIK\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTVYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSI

>B.2003.KR868851.-

METVDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMKSLEIASIIALVVAAIIAIVIWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCNFNLH\*C\*YDCYKECY\*YYNDCYS\*YL\*C\*\*GNEKLLFQCHPKCK\*QGGEKICTFLYI\*YSTNR\*E\*\*\*EYQLYVNKL\*YLSRYTSLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTL\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KYHRPF\*KHNSTAEQYCKHYLYKTK\*QYKKKYNYGTRESILCNGRNNRRYKTSTLYH\*\*NRME\*NFRTGSYKIRRTI\*E\*NNKL\*APLRRGPRNCNAHF\*LWRRIFLL\*FNTTV\*\*\*LVS\*\*SLE\*\*C\*TRKYHTPMQNKTNCKHVAGSRKSNVCTSHQRSN\*LYIKYYRTDINKRS\*\*WR\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHYSQEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGSGKISKGSTAPGDLGLLWKTHLHHCSTLE\*\*LE\*\*IFE\*DLE\*HDLDGVGKRN\*QLHRINIQLT\*TIAKPTGQE\*TRLIGIK\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSI

>B.2003.KR868852.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMKSLEIASIIALVVAAIIAIVIWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCNFNLH\*C\*YDCYKECY\*YYNDCYS\*YL\*C\*\*GNEKLLFQCHPKCK\*QGGEKICTFLYI\*YSTNR\*E\*\*\*EYQLYVNKL\*YLSRYTSLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTL\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KYHRPF\*KHNSTAEQYCKHYLYKTK\*QYKKKYNYGTRESILCNGRNNRRYKTSTLYH\*\*NRME\*NFRTGSYKIRRTI\*E\*NNKL\*APLRRGPRNCNAHF\*LWRRIFLL\*FNTTV\*\*\*LVS\*\*SLE\*\*C\*TRKYHTPMQNKTNCKHVAGSRKSNVCTSHQRSN\*LYIKYYRTDINKRS\*\*WR\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHYSQEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGSGKISKGSTAPGDLGLLWKTHLHHCSTLE\*\*LE\*\*IFE\*DLE\*HDLDGVGKRN\*QLHRINIQLT\*TIAKPTGQE\*TRLIGIK\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSI

>B.2003.KR868853.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMKSLEIASIIALVVAAIIAIVIWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCNFNLH\*C\*YDCYKECY\*YYNDCYS\*YL\*C\*\*GNEKLLFQCHPKCK\*QGGEKICTFLYI\*YSTNR\*E\*\*\*EYQLYVNKL\*YLSRYTSLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTL\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KYHRPF\*KHNSTAEQYCKHYLYKTK\*QYKKKYNYGTRESILCNGRNNRRYKTSTLYH\*\*NRME\*NFRTGSYKIRRTI\*E\*NNKL\*APLRRGPRNCNAHF\*LWRRIFLL\*FNTTV\*\*\*LVS\*\*SLE\*\*C\*TRKYHTPMQNKTNCKHVAGSRKSNVCTSHQRSN\*LYIKYYRTDINKRS\*\*WR\*CNLHLQTWRRKYAGQLEK\*II\*I\*SSKN\*TIRSSTHYSQEKSGAERKKSSGNRSCVPWILGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGSGKISKGSTAPGDLGLLWKTHLHHCSTLE\*\*LE\*\*IFE\*DLE\*HDLDGVGKRN\*QLHRINIQLT\*TIAKPTGQE\*TRLIGIK\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSI

>B.2003.KR868854.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMKSLEIASIIALVVAAIIAIVIWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNEL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCNFKLH\*C\*PGDY\*DL\*\*\*PGNEKLLFQGQPRHKRQDAERTGTFLCT\*FSTNK\*YKW\*\*YQIYINKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWNRTLYKCQHSTMYTWN\*ASSINSIAVKWQSSRRRDSN\*I\*KYHRPF\*KHNSTAEQYCKHYLYKTK\*QYKKKYNYGTRESILCNGRNNRRYKTSTLYH\*\*NRME\*NFRTGSYKIRRTI\*E\*NNKL\*APLRRGPRNCNAHF\*LWRRIFLL\*FNTTV\*\*\*MVR\*\*YLE\*C\*RRKCHNHTPMQDKTNCKHVAGSRKSNVCTSHCRKN\*LYIKYYRTDINKRS\*\*G\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAKGY\*GATAPVATHSLGHQAAPGKSPGCGKILKGSTAPGDLGLLWKTHLHHCSTLE\*\*LE\*\*IFE\*DLE\*HDLDGVGKRN\*QLHRINIQLT\*TIAKPTGQE\*TRLIGIK\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSI

>B.2003.KR868855.-

MEPIDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMQSLKIAAIIALVVSAIIAIVVWSIVFIKYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCNFKLH\*C\*PGDY\*DL\*\*\*PGNEKLLFQGQPRHKRQDAERTGTFLCT\*FSTNK\*YKW\*\*YQIYINKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWNRTLYKCQHSTMYTWN\*ASSINSIAVKWQSSRRRDSN\*I\*KLHRPF\*KHNSTAERYCKHYLYKTK\*QYNKKYTYRTRESILCNRKDNRRYKTSIL\*H\*\*SKME\*HFKTDSYKIKKTIRTILE\*NKNNSL\*SLLRRGLRNCNAHL\*LWRGIFLL\*FNTTV\*\*\*MVR\*\*YLE\*C\*RRKCHNHTPMQDKTNCKHVAGSRKSNVCTSHCRKN\*LYIKYYRTDINKRS\*\*G\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAKGY\*GATAPVATHSLGHQAAPGKSPGCGKILKGSTAPGDLGLLWKTHLHHCCTLE\*\*LE\*\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLDIHLT\*RIAKPTGKE\*TRIIGIG\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKDSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARKNRRRRWRARQRQIRSI

>B.2003.KR868856.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMKSLEIASIIALVVAAIIAIVIWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCNFNLH\*C\*YDCYKECY\*YYNDCYS\*YL\*C\*\*GNEKLLFQCHPKCK\*QGGEKICTFLYI\*YSTNR\*E\*\*\*EYQLYVNKL\*YLSRYTSLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTL\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KYHRPF\*KHNSTAEQYCKHYLYKTK\*QYKKKYNYGTRESILCNGRNNRRYKTSTLYH\*\*NRME\*NFRTGSYKIRRTI\*E\*NNKL\*APLRRGPRNCNAHF\*LWRRIFLL\*FNTTV\*\*\*LVS\*\*SLE\*\*C\*TRKYHTPMQNKTNCKHVAGSRKSNVCTSHQRSN\*LYIKYYRTDINKRS\*\*WR\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHYSQEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGSGKISKGSTAPGDLGLLWKTHLHHCSTLE\*\*LE\*\*IFE\*DLE\*HDLDGVGKRN\*QLHRINIQLT\*TIAKPTGQE\*TRLIGIK\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSI

>B.2003.KR868857.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMKSLEIASIIALVVAAIIAIVIWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCNFNLH\*C\*YDCYKECY\*YYNDCYS\*YL\*C\*\*GNEKLLFQCHPKCK\*QGGEKICTFLYI\*YSTNR\*E\*\*\*EYQLYVNKL\*YLSRYTSLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTL\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KYHRPF\*KHNSTAEQYCKHYLYKTK\*QYKKKYNYGTRESILCNGRNNRRYKTSTLYH\*\*NRME\*NFRTGSYKIRRTI\*E\*NNKL\*APLRRGPRNCNAHF\*LWRRIFLL\*FNTTV\*\*\*LVS\*\*SLE\*\*C\*TRKYHTPMQNKTNCKHVAGSRKSNVCTSHQRSN\*LYIKYYRTDINKRS\*\*WR\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHYSQEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGSGKISKGSTAPGDLGLLWKTHLHHCSTLE\*\*LE\*\*IFE\*DLE\*HDLDGVGKRN\*QLHRINIQLT\*TIAKPTGQE\*TRLIGIK\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSI

>B.2003.KR868858.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMQPLEIASIIALVVSAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCNFNLH\*C\*YDCHKECY\*YYNDCYS\*YL\*C\*\*GNEKLLFQCHPKCK\*QGGEKICTFLYI\*YSTNR\*E\*\*\*EYQLYVNKL\*YLSRYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*EIQWNRTL\*KCQHSTMHTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KYHRPF\*KHNSTAEQYCKHYLYKTK\*QYKEKYNYGTRESILCNGRNNRRYKTSTLYH\*\*NRME\*NFRTGSYKIRRTI\*E\*NNKL\*APLRRGPRNCNAHF\*LWRGIFLL\*FNTTV\*\*\*LVS\*\*SLE\*\*C\*TRKYHTPMQNKTNCKHVAGSRKSNVCTSHQRSN\*LYIKYYRTDINKRS\*\*WR\*CNLHLQTWRRKYEGQLEE\*II\*I\*SSKN\*TIRSSTHYSQEKGGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGSGKISKGSTAPGDLGLLWKTHLHHCSTLE\*\*LE\*\*IFE\*DLE\*HDLDGVGKRN\*QLHRLDIHLT\*TIAKPTGQE\*TRLIGIK\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSI

>B.2003.KR868859.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMKSLEIASIIALVVAAIIAIVIWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCNFNLH\*C\*YDCYKECY\*YYNDCYS\*YL\*C\*\*GNEKLLFQCHPKCK\*QGGEKICTFLYI\*YSTNR\*E\*\*\*EYQLYVNKL\*YLSRYTSLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTL\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KYHRPF\*KHNSTAEQYCKHYLYKTK\*QYKKKYNYGTRESILCNGRNNRRYKTSTLYH\*\*NRME\*NFRTGSYKIRRTI\*E\*NNKL\*APLRRGPRNCNAHF\*LWRRIFLL\*FNTTV\*\*\*LVS\*\*SLE\*\*C\*TRKYHTPMQNKTNCKHVAGSRKSNVCTSHQRSN\*LYIKYYRTDINKRS\*\*WR\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHYSQEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGSGKISKGSTAPGDLGLLWKTHLHHCSTLE\*\*LE\*\*IFE\*DLE\*HDLDGVGKRN\*QLHRINIQLT\*TIAKPTGQE\*TRLIGIK\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSI

>B.2003.KR868860.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMKSLEIASIIALVVAAIIAIVIWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCNFNLH\*C\*YDCYKECY\*YYNDCYS\*YL\*C\*\*GNEKLLFQCHPKCK\*QGGEKICTFLYI\*YSTNR\*E\*\*\*EYQLYVNKL\*YLSRYTSLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTL\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KYHRPF\*KHNSTAEQYCKHYLYKTK\*QYKKKYNYGTRESILCNGRNNRRYKTSTLYH\*\*NRME\*NFRTGSYKIRRTI\*E\*NNKL\*APLRRGPRNCNAHF\*LWRRIFLL\*FNTTV\*\*\*LVS\*\*SLE\*\*C\*TRKYHTPMQNKTNCKHVAGSRKSNVCTSHQRSN\*LYIKYYRTDINKRS\*\*WR\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHYSQEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGSGKISKGSTAPGDLGLLWKTHLHHCSTLE\*\*LE\*\*IFE\*DLE\*HDLDGVGKRN\*QLHRINIQLT\*TIAKPTGQE\*TRLIGIK\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSI

>B.2003.KR868861.-

MEPIDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMQSLKIAAIIALVVSAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLLGSCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCNFNLH\*C\*YDYYKECY\*YYNDCYS\*YL\*C\*\*GNEKLLFQCHPKCK\*QGGEKICTFLYI\*YSTNR\*E\*\*\*EYQLYVNKL\*YLSRYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRTL\*KCQHSTMHTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KYHRPF\*KHNSTAEQYCKHYLYKTK\*QYKKKYTYGTRESILCNGRNNRRYKTSTLYH\*\*NRME\*NFRTGSYKIRRTI\*E\*NNKL\*APLRRRPRNCNAHF\*LWRGIFLL\*FNTTV\*\*\*LVS\*\*SLE\*\*C\*TRKYHTPMQNKTNCKHVAGSRKSNVCTSHQRSN\*LYIKYYRTDINKRS\*\*WR\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHYSQEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGH\*AAPGKSPGFGKIPKGSTAPGDLGLLWKTHLHHCSTLE\*\*LE\*\*IFE\*DLE\*HDLDGVGKRN\*QLHRLDIHLT\*RIAKPTGKE\*TRIIGIG\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKDSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARKNRRRRWRARQRQIRSI

>B.2003.KR868862.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMQPLTIAAIVALVVSAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCNFNLH\*C\*YDCYKECY\*YYNDCYS\*YL\*C\*\*GNEKLLFQCHPKCK\*QGGEKICTFLYI\*YSTNR\*E\*\*\*EYQLYVNKL\*YLSRYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*EIQWNRTL\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KYHRPF\*KHNSTAEQYCKHYLYKTK\*QYKEKYNYGTRESILCNGRNNRRYKTSTLYH\*\*NRME\*NFRTGSYKIRRTI\*E\*NNKL\*APLRRGPRNCNAHF\*LWRGIFLL\*FNTTV\*\*\*LVN\*\*SLE\*\*C\*TRKYHTPMQNKTNCKHVAGSRKSNVCTSHQRSN\*LYIKYYRTDINKRS\*\*WR\*CNLHLQTWRRKYEGQLEE\*II\*I\*SSKN\*TIRSSTHYSQEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGQSPGFGKIPKGSTAPGDLGLLWKTHLHHCSTLE\*\*LE\*\*IFE\*HLE\*HDLDGVGKRN\*QLHRLDIQLT\*TIAKPAGQE\*TRLIGIR\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSI

>B.2003.KR868863.-

MEPIDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMQSLKIAAIIALVVSAIIAIVVWSIVFIEYRKILRQRKINRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCNFKLH\*C\*PGDY\*DL\*\*\*PGNEKLLFQGQPSHKRQDAERTGTFLCT\*FSTNK\*YKW\*\*YQIYINKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWNRTLYKCQHSTMYTWN\*ASSINSIAVKWQSSRRRDSN\*I\*KLHRPF\*KHNSTAERYCKHYLYKTK\*QYNKKYTYRTRESILCNRKDNRRYKTSIL\*H\*\*SKME\*HFKTDSYKIKKTIRTILE\*NKNNSL\*SLLRRGLRNCNAHL\*LWREIFLL\*FNTTV\*\*\*MVR\*\*YLE\*C\*RRKCHNHTPMQDKTNCKHVAGSRKSNVCTSHCRKN\*LYIKYYRTDINKRS\*\*G\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKKKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAKGY\*GATAPVATHSLGHQAAPGKSPGCGKILKGSTAPGDLGLLWKTHLHHCCTLE\*\*LE\*\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLDIHLT\*RIAKPTGKE\*TRIIGIK\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKDSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARKNRRRRWRARQRQIRSI

>B.2003.KR868864.-

MEPIDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMQSLKIAAIIALVVSAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCNFKLH\*C\*PGDY\*DL\*\*\*PGNEKLLFQGQPRHKRQDAERTGTFLCT\*FSTNK\*YKW\*\*YQIYINKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWNRTLYKCQHSTMYTWN\*ASSINSIAVKWQSSRRRDSN\*I\*KLHRPF\*KHNSTAERYCKHYLYKTK\*QYNKKYTYRTRESILCNRKDNRRYKTSIL\*H\*\*SKME\*HFKTDSYKIKKTIRTILE\*NKNNSL\*SLLRRGLRNCNAHL\*LWRGIFLL\*FNTTV\*\*\*MVR\*\*YLE\*C\*RRKCHNHTPMQDKTNCKHVAGSRKSNVCTSHCRKN\*LYIKYYRTDINKRS\*\*G\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSRNRSCVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAKGY\*GATAPVATHSLGHQAAPGKSPGCGKILKGSTAPGDLGLLWKTHLHHCCTLE\*\*LE\*\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLDIHLT\*RIAKPTGKE\*TRIIGIG\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKDSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARKNRRRRWRARQRQIRSI

>B.2003.KR868865.-

MEPIDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMQSLKIAAIIALVVSAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCNFKLH\*C\*PGDY\*DL\*\*\*PGNEKLLFQGQPRHKRQDAERTGTFLCT\*FSTNK\*YKW\*\*YQIYINKL\*YLSHYTGMSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWNRTLYKCQHSTMYTWN\*ASSINSIAVKWQSSRRRDSN\*I\*KLHRPF\*KHNSTAERYCKHYLYKTK\*QYNKKYTYRTRESILCNRKDNRRYKTSIL\*H\*\*SKME\*HFKTDSYKIKKTIRTILE\*NKNNSL\*SLLRRGLRNCNAHL\*LWRGIFLL\*FNTTV\*\*\*MVR\*\*YLE\*C\*RRKCHNHTPMQDKTNCKHVAGSRKSNVCTSHCRKN\*LYIKYYRTDINKRS\*\*G\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAKGY\*GATAPVATHSLGHQAAPGKSPGCGKILKGSTAPGDLGLLWKTHLHHCCTLE\*\*LE\*\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLDIHLT\*RIAKPTGKE\*TRIIGIG\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKDSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARKNRRRRWRARQRQIRSI

>B.2003.KR868866.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMKSLEIASIIALVVAAIIAIVIWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCNFNLH\*C\*YDCYKECY\*YYNDCYS\*YL\*C\*\*GNEKLLFQCHPKCK\*QGGEKICTFLYI\*YSTNR\*E\*\*\*EYQLYVNKL\*YLSRYTSLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTL\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KYHRPF\*KHNSTAEQYCKHYLYKTK\*QYKKKYNYGTRESILCNGRNNRRYKTSTLYH\*\*NRME\*NFRTGSYKIRRTI\*E\*NNKL\*APLRRGPRNCNAHF\*LWRRIFLL\*FNTTV\*\*\*LVS\*\*SLE\*\*C\*TRKYHTPMQNKTNCKHVAGSRKSNVCTSHQRSN\*LYIKYYRTDINKRS\*\*WR\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHYSQEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGSGKISKGSTAPGDLGLLWKTHLHHCSTLE\*\*LE\*\*IFE\*DLE\*HDLDGVGKRN\*QLHRINIQLT\*TIAKPTGQE\*TRLIGIK\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQAQRNRRRRWRARQRQIRSI

>B.2003.KR868867.-

MEPIDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMQSLKIAAIIALVVSAIIAVVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCNFKLH\*C\*PGDY\*DL\*\*\*PGNEKLLFQGQPRHKRQDAERTGTFLCT\*FSTNK\*YKW\*\*YQIYINKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWNRTLYKCQHSTMYTWN\*ASSINSIAVKWQSSRRRDSN\*I\*KLHRPF\*KHNSTAERYCKHYLYKTK\*QYNKKYTYRTRESILCNRKDNRRYKTSIL\*H\*\*SKME\*HFKTDSYKIKKTIRTILE\*NKNNSL\*SLLRRGLRNCNAHL\*LWRGIFLL\*FNTTV\*\*\*MVR\*\*YLE\*C\*RRKCHNHTPMQDKTNCKHVAGSRKSNVCTSHCRKN\*LYIKYYRTDINKRS\*\*G\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAKGY\*GATAPVATHSLGHQAAPGKSPGCGKILKGSTAPGDLGLLWKTHLHHCCTLE\*\*LE\*\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLDIHLT\*RIAKPTGKE\*TRIIGIG\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKDSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARKNRRRRWRARQRQIRSI

>B.2003.KR868868.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMKSLEIASIIALVVAAIIAIVIWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCNFNLH\*C\*YDCYKECY\*YYNDCYS\*YL\*C\*\*GNEKLLFQCHPKCK\*QGGEKICTFLYI\*YSTNR\*E\*\*\*EYQLYVNKL\*YLSRYTSLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTL\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KYHRPF\*KHNSTAEQYCKHYLYKTK\*QYKKKYNYGTRESILCNGRNNRRYKTSTLYH\*\*NRME\*NFRTGSYKIRRTI\*E\*NNKL\*APLRRGPRNCNAHF\*LWRRIFLL\*FNTTV\*\*\*LVS\*\*SLE\*\*C\*TRKYHTPMQNKTNCKHVAGSRKSNVCTSHQRSN\*LYIKYYRTDINKRS\*\*WR\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHYSQEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGSGKISKGSTAPGDLGLLWKTHLHHCSTLE\*\*LE\*\*IFE\*DLE\*HDLDGVGKRN\*QLHRINIQLT\*TIAKPTGQE\*TRLIGIK\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSI

>B.2008.KR868869.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQSLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*C\*RFVGHSLLWSACVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVKWQSSRRRRGNN\*I\*KYHRQY\*EYNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*H\*\*SKME\*HIKKYSYKIKRTI\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRSSHQRTN\*MLIKYYRAAINKRWWIKYYGQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFINADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868870.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQPLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*C\*RFVGHSLLWSTCVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEKQHGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVKWQSSRRRRGNN\*I\*KYHR\*Y\*KHNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*H\*\*SKME\*HIKKYSYKIKRTI\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRSSHQRTN\*MLIKYYRAAINKRWWIKYYGQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFIDADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRNIQAL

>B.2008.KR868871.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQISLPKQ\*VVNVMQSQPLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*CWRFVGHSLLWSTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEKQHGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELHRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVKWQSSRRRRGNN\*I\*KYHRQY\*EYNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*Y\*\*SKME\*HIKKYSYKIKRTV\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRSSHQRTN\*MLIKYYRAAINKRWWIKYYGQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFINADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868872.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKRCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQPLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*CWRFVGHSLLWSACVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVEW\*SSRRRRGNN\*I\*KYHR\*Y\*KHNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*Y\*\*SKME\*HIKKYSYKIKRTV\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRPSHQRTN\*MLIKYYRADINKRWWSECECDQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFIDADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868873.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQPLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*C\*RFVGHSLLWSTCVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEKQHGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTMQKCQHSTMYTWN\*TSGVNSTAVKWQSSRRRRGNN\*I\*KYHR\*Y\*KHNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*H\*\*SKME\*HIKKYSYKIKRTI\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRSSHQRTN\*MLIKYYRAAINKRWWIKYYGQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFIDADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868874.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKRCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQPLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*CWRFVGHSLLWSACVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVEW\*SSRRRRGNN\*I\*KYHR\*Y\*KHNSTAKCICRN\*LYKTQQQYEKKYTYRTRESILCNRYNRRYKTSTL\*Y\*\*SKME\*HIKKYSYKIKRTV\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRPSHQRTN\*MLIKYYRADINKRWWSECECDQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFIDADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868875.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKRCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQPLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*CWRFVGHSLLWSACVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVEW\*SSRRRRGNN\*I\*KYHR\*Y\*KHNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*Y\*\*SKME\*HIKKYSYKIKRTV\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRPSHQRTN\*MLIKYYRADINKRWWSECECDQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFIDADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868876.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQPLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*C\*RFVGHSLLWSTCVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEKQHGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVKWQSSRRRRGNN\*I\*KYHR\*Y\*KHNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*H\*\*SKME\*HIKKYSYKIKRTI\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRSSHQRTN\*MLIKYYRAAINKRWWIKYYGQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFIDADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868877.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQSLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*C\*RFVGHSLLWSACVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVKWQSSRRRRGNN\*I\*KYHRQY\*EYNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*H\*\*SKME\*HIKKYSYKIKRTI\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRSSHQRTN\*MLIKYYRAAINKRWWIKYYGQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFINADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868878.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQPLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*CWRFVGHSLLWSTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEKQHGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHNTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVEW\*SSRKRRGNN\*I\*KYHR\*Y\*KHNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*H\*\*SKME\*HIKKYSYKIKRTI\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYFRAREYHTPMQNKTDYKQVAGSRKSNVRPSHQRTN\*MLIKYYRAAINKRWWIKYYGQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFINADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRKRQRHIQAL

>B.2008.KR868879.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQGSQNRQVSLPKQ\*VVNVMQSQSLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*C\*RFVGHSLLWSACVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVKWQSSRRRRGNN\*I\*KYHRQY\*EYNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*H\*\*SKME\*HIKKYSYKIKRTI\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRSSHQRTN\*MLIKYYRAAINKRWWIKYYGQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFINADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868880.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKRCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQPLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*CWRFVGHSLLWSACVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVEW\*SSRRRRGNN\*I\*KYHR\*Y\*KHNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*Y\*\*SKME\*HIKKYSYKIKRTV\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRPSHQRTN\*MLIKYYRADINKRWWSECECDQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFIDADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868881.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKRCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQPLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*CWRFVGHSLLWSACVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVEW\*SSRRRRGNN\*I\*KYHR\*Y\*KHNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*Y\*\*SKME\*HIKKYSYKIKRTV\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRPSHQRTN\*MLIKYYRADINKRWWSECECDQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFIDADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAMVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868882.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQSLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*CWRFVGHSLLWSTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEKQHGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELHRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVKWQSSRRRRGNN\*I\*KYHRQY\*EYNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*H\*\*SKME\*HIKKYSYKIKRTI\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRSSHQRTN\*MLIKYYRAAINKRWWIKYYGQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFINADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868883.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQSLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRKIDRLLDKIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*CWRFVGHSLLWSTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEKQHGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHNTGLSKGIL\*TNSHTLLCSGWFCNSKV\*\*\*\*VQWNRTM\*KCQHSTMYTWN\*TSGVNSTAVKWQSSRRRRGNN\*I\*KYHRQY\*EYNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*H\*\*SKME\*HIKKYSYKIKRTI\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLGW\*YLECYFRAREYHTPMQNKTDYKQVAGSRKSNVRSSHQRTN\*MLIKYYRADINKRWWSECECDQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFINADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868884.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKRCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQPLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*CWRFVGHSLLWSACVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVEW\*SSRRRRGNN\*I\*KYHR\*Y\*KHNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*Y\*\*SKME\*HIKKYSYKIKRTV\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRPSHQRTN\*MLIKYYRADINKRWWSECECDQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFIDADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868885.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQPLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*C\*RFVGHSLLWSTCVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEKQHGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVKWQSSRRRRGNN\*I\*KYHR\*Y\*KHNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*H\*\*SKME\*HIKKYSYKIKRTI\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRSSHQRTN\*MLIKYYRAAINKRWWIKYYGQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFIDADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMG\*RN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868886.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKRCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQPLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*CWRFVGHSLLWSACVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVEW\*SSRRRRGNN\*I\*KYHR\*Y\*KHNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*Y\*\*SKME\*HIKKYSYKIKRTV\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRPSHQRTN\*MLIKYYRADINKRWWSECECDQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFIDADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868887.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQPLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*C\*RFVGHSLLWSTCVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEKQHGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVKWQSSRRRRGNN\*I\*KYHR\*Y\*KHNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*H\*\*SKME\*HIKKYSYKIKRTI\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRSSHQRTN\*MLIKYYRAAINKRWWIKYYGQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFIDADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868888.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQSLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*C\*RFVGHSLLWSACVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVKWQSSRRRRGNN\*I\*KYHRQY\*EYNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*H\*\*SKME\*HIKKYSYKIKRTI\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRSSHQRTN\*MLIKYYRAAINKRWWIKYYGQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFINADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868889.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQPLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*CWRFVGHSLLWSTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEKQHGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELHRHWGHEL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHNTGLSKGIL\*TNSHTLLCSGWFCNSKV\*\*\*\*VQWNRTM\*KCQHSTMYTWN\*TSGVNSTAVEW\*SSRRRRGNN\*I\*KYHR\*Y\*KHNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*H\*\*SKME\*HIKKYSYKIKRTI\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRSSHQRTN\*MLIKYYRAAINKRWWIKYYGQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFINADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868890.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQPLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*C\*RFVGHSLLWSTCVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEKQHGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVKWQSSRRRRGNN\*I\*KYHR\*Y\*KHNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*H\*\*SKME\*HIKKYSYKIKRTI\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRSSHQRTN\*MLIKYYRAAINKRWWIKYYGQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEEGGAERKKSSDTRSYVPWVLGSSRKHYGRSFIDADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAQG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868891.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQSLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*C\*RFVGHSLLWSACVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVKWQSSRRRRGNN\*I\*KYHRQY\*EYNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*H\*\*SKME\*HIKKYSYKIKRTI\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRSSHQRTN\*MLIKYYRAAINKRWWIKYYGQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFINADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868892.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQSLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*C\*RFVGHSLLWSACVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHNTGLSKGIL\*TNSHTLLCSGWFCNSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVKWQSSRRRRGNN\*I\*KYHRQY\*EYNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*H\*\*SKME\*HIKKYSYKIKRTI\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRSSHQRTN\*MLIKYYRAAINKRWWIKYYGQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFINADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868893.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQPLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*C\*RFVGHSLLWSACVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQCHHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVKWQSSRRRRGNN\*I\*KYHRQY\*EYNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*H\*\*SKME\*HIKKYSYKIKRTI\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRSSHQRTN\*MLIKYYRAAINKRWWIKYYGQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFINADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2008.KR868894.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNENRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*W\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDFKV\*Q\*DIQWSRTMYQCQHSTMYTWN\*ASSVNSAVVEWQSSRKRDSN\*I\*KFHR\*C\*NYNSTTE\*IRSN\*LYKTSQQHKKRYTYRTRASMVCNRRNNRRYKTSTL\*H\*\*NSME\*YFKKGSCKIKRNN\*CNNNNL\*SLLRGRPRSCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATAYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWENHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSAEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868895.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*W\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDFKV\*Q\*DIQWSRTMYQCQHSTMYTWN\*ASSVNSAVVEWQSSRKRDSN\*I\*KFHR\*C\*NYNSTTE\*IRSN\*LYKTSQQHKKRYTYRTRASMVCNRRNNRRYKTSTL\*H\*\*NSME\*YFKKGSCKIKRNN\*CNNNNL\*SLLRGRPRSCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATAYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWENHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSAEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868896.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHFVLCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*\*\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWRRTMYQCQHSTMYTWN\*ASSVNSTVVEWQSSRKRDSN\*I\*KFHR\*C\*NYNSTTE\*IRSN\*LYKTSQQHKKRYTYRTRASMVCNRRNNRRYKTSTL\*H\*\*NSME\*YFKKGSCKIKRNN\*CNNNNL\*SLLRGRPRSCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATAYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWENHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSAEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868897.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*W\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDFKV\*Q\*DIQWSRTMYQCQHSTMYTWN\*ASSVNSAVVEWQSSRKRDSN\*I\*KFHR\*C\*NYNSTTE\*IRSN\*LYKTSQQHKKRYTYRTRASMVCNRRNNRRYKTSTL\*H\*\*NSME\*YFKKGSCKIKRNN\*CNNNNL\*SLLRGRPRSCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATTYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWKNHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSAEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868898.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*W\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDFKV\*Q\*DIQWRRTMYQCQHSTMYTWN\*ASSVNSTIVKWQSSRRRNSN\*I\*KFHR\*C\*NHNSTTE\*IRSN\*LYKTSQQHKKRYTYRTRASMVCNRRNNRRYKTSTL\*H\*\*NSME\*YFKKGSCKIKRNN\*CNNNNL\*SLLRGRPRSCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATAYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWENHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSAEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868899.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*W\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDFKV\*Q\*DIQWSRTMYQCQHSTMYTWN\*ASSVNSAVVEWQSSRKRDSN\*I\*KFHR\*C\*NYNSTTE\*IRSN\*LYKTSQQHKKRYTYRTRASMVCNRRNNRRYKTSTL\*H\*\*SSME\*YFKKGSCKIKRKI\*GNNNNL\*SLLRGRPRNCIA\*L\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKYYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAERKKSSGNGSLVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATTYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWKNHLQHCCALEY\*LE\*\*IS\*\*HLG\*HDLDRVGKRNWQLHKLNIHLT\*NSTEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868900.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHFVLCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*C\*Q\*\*FCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*\*\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWRRTMYQCQHSTMYTWN\*ASSVNSTIVKWQSSRRRNSN\*I\*KFHR\*C\*NHNSTTERIHSN\*LYKTPQQHKKRYTYRTRASMVYNRRNNRKYKTSTL\*H\*\*SSME\*YFKKGSCKIKRKI\*GNNNNL\*SLLRGRPRNCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GTGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKYYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATAYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWKNHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSAEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868901.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*W\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDFKV\*Q\*DIQWSRTMYQCQHSTMYTWN\*ASSVNSAVVEWQSSRKRDSN\*I\*KFHR\*C\*NYNSTTE\*IRSN\*LYKTSQQHKKRYTYRTRASMVCNRRNNRRYKTSTL\*H\*\*SSME\*YFKKGSCKIKRKI\*GNNNNL\*SLLRGRPRNCIA\*L\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKYYRAIISERWWY\*QDE\*H\*NLQTSRRNYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAERKKSSGNGSLVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATTYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWKNHLQHCCALEY\*LE\*\*IS\*\*HLG\*HDLDRVGKRNWQLHKLNIHLT\*NSTEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868902.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*W\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDFKV\*Q\*DIQWSRTMYQCQHSTMYTWN\*ASSVNSAVVKWQSSRKRDSN\*I\*KFHR\*C\*NYNSTTE\*IRSN\*LYKTSQQHKKRYTYRTRASMVCNRRNNRRYKTSTL\*H\*\*NSME\*YFKKGSCKIKRNN\*CNNNNL\*SLLRGRPRSCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATAYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWENHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSAEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868903.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*W\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDFKV\*Q\*DIQWSRTMYQCQHSTMYTWN\*ASSVNSAVVEWQSSRKRDSN\*I\*KFHR\*C\*NYNSTTE\*IRSN\*LYKTSQQHKKRYTYRTRASMVCNRRNNRRYKTSTL\*H\*\*SSME\*YFKKGSCKIKRKI\*GNNNNL\*SLLRGRPRNCIA\*L\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKYYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAERKKSSGNGSLVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATTYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWKNHLQHCCALEY\*LE\*\*IS\*\*HLG\*HDLDRVGKRNWQLHKLNIHLT\*NSTEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868904.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*W\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDFKV\*Q\*DIQWSRTMYQCQHSTMYTWN\*ASSVNSAVVEWQSSRKRDSN\*I\*KFHR\*C\*NYNSTTE\*IRSN\*LYKTSQQHKKRYTYRTRASMVCNRRNNRRYKTSTL\*H\*\*NSME\*YFKKGSCKIKRNN\*CNNNNP\*SLLRGRPRSCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATAYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWENHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSAEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868905.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERSKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNK\*\*\*\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWRRTMYQCQHSTMYTWN\*ASSVNSTIVKWQSSRRRNSN\*I\*KFHR\*C\*NHNSTTERIHSN\*LYKTPQQHKKRYTYRTRASMVYNRRNNRRYKTSTL\*H\*\*SSME\*YFKKGSCKIKRKI\*GNNNNL\*SLLRGRPRSCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATTYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWKNHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSAEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868906.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCMERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*\*\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWRRTMYQCQHSTMYTWN\*ASSVNSTIVKWQSSRRRNSN\*I\*KFHR\*C\*NYNSTTE\*IHSN\*LYKTPQQHKKRYTYRTRASMVYNRRNNRRYKTSTL\*H\*\*NSME\*YFKKGSCKIKRNN\*CNNNNL\*SLLRGRPRSCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATAYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWENHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSAEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868907.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*W\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDFKV\*Q\*DIQWSRTMYQCQHSTMYTWN\*ASSVNSAVVKWQSSRKRDSN\*I\*KFHR\*C\*NYNSTTE\*IRSN\*LYKTSQQHKKRYTYRTRASMVCNRRNNRRYKTSTL\*H\*\*NSME\*YFKKGSCKIKRNN\*CNNNNL\*SLLRGRPRSCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATAYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWENHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSAEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868908.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*\*\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWRRTMYQCQHSTMYTWN\*ASSVNSTIVKWQSSRRRNSN\*I\*KFHR\*C\*NHNSTTERIHSN\*LYKTSQQHKKRYTYRTRASMVYNRRNNRRYKTSTL\*H\*\*SSME\*YFKKGSCKIKRKI\*GNNNNL\*SLLRGRPRSCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATAYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWENHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSTEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868909.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPTHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*\*\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWRRTMYQCQHSTMYTWN\*ASSVNSTIVKWQSSRRRNSN\*I\*KFHR\*C\*NHNSTTERIHSN\*LYKTPQQHKKRYTYRTRASMVYNRRNNRRYKTSTL\*H\*\*SSME\*YFKKGSCKIKRKI\*GNNNNL\*SLLRGRPRNCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKYYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAERKKSSGNGSLVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATTYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWKNHLQHCCALEY\*LE\*\*IS\*\*HLG\*HDLDRVGKRNWQLHKLNIHLT\*NSTEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868910.acute\_infection

MEPVDPRLEPWKHPGSQPTTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*W\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDFKV\*Q\*DIQWSRTMYQCQHSTMYTWN\*ASSVNSAVVEWQSSRKRDSN\*I\*KFHR\*C\*NYNSTTE\*IRSN\*LYKTSQQHKKRYTYRTRASMVCNRRNNRRYKTSTL\*H\*\*NSME\*YFKKGSCKIKRNN\*CNNNNL\*SLLRGRPRSCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATAYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWENHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSAEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868911.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKYHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*C\*Q\*\*FCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*\*\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWRRTMYQCQHSTMYTWN\*ASSVNSTIVKWQSSRRRNSN\*I\*KFHR\*C\*NHNSTTERIHSN\*LYKTPQQHKKRYTYRTRASMVYNRRNNRRYKTSTL\*H\*\*SSME\*YFKKGSCKIKRKI\*DNNNNL\*SLLRGRPRSCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATAYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWENHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSAEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868912.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CLGHTCLCTHRPQPTRSNDGKCDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*W\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDFKV\*Q\*DIQWSRTMYQCQHSTMYTWN\*ASSVNSAVVEWQSSRKRDSN\*I\*KFHR\*C\*NYNSTTE\*IRSN\*LYKTSQQHKKRYTYRTRASMVCNRRNNRRYKTSTL\*H\*\*SSME\*YFKKGSCKIKRKI\*GNNNNL\*SLLRGRPRNCIA\*L\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKYYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAERKKSSGNGSLVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATTYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWKNHLQHCCALEY\*LE\*\*IS\*\*HLG\*HDLDRVGKRNWQLHKLNIHLT\*NSTEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KR868913.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868914.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868915.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868916.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868917.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMQSLQLAAIVALVIASIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRAIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKV\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*IQYF\*DLKLYY\*G\*ECN\*Y\*GNRYEKLLF\*CYCGNTG\*GKEGICTFL\*P\*YSTLRG\*\*\*HL\*VDKL\*YFSHYTGLSKGNF\*ANSHTLLYPSWICTAKV\*\*\*KVQWIRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*SILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLD\*WYLE\*WYGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTNQLFIKYYRAAINKRWWHQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAERKKSSDRSCVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGH\*AAPGKSSGCGKILKGSTAPRNLGMLWKAHLHHCCALEY\*LE\*\*ISK\*HLG\*HDLDGVGKRD\*QLHRHNI\*PD\*KITNPTRTE\*TKIIRIR\*MVKLVELV\*YNTVAVVYKNIYNDSRRFDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868918.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCEKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868919.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPPDNQNHQVPLPKQ\*VAYVMQSLQLAAIVALVIASIIAIVVWIIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CYRKTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRNF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*IQCF\*YLKWY\*\*ECK\*GNRYEKLLF\*CYCGNTG\*GKERICTFL\*P\*YSTLRG\*\*\*HL\*VDKL\*YLSHYTGLSKGNF\*ANSHTLLYPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRNSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKA\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*Q\*LDD\*\*YWE\*\*YGD\*\*YYGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTNQLFIKYYRAAINKRWWRQQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSDRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGH\*AAPGESSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*SA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRFDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868920.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868921.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868922.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPPDNQNHQVPLPKQ\*VAYVMQSLQLAAIVALVIASIIAIVVWIIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CYRKTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRNF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*IQCF\*YLKWY\*\*ECK\*GNRYEKLLF\*CYCGNTG\*GKERICTFL\*P\*YSTLRG\*\*\*HL\*VDKL\*YLSHYTGLSKGNF\*ANSHTLLYPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRNSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKA\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*Q\*LDD\*\*YWE\*\*YGD\*\*YYGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTNQLFIKYYRAAINKRWWRQQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSDRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGH\*AAPGESSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*SA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRFDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868923.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMQSLELASIVALVIASIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*IQYF\*YLKWY\*\*ECK\*GNRYEKLLF\*CYCGNTG\*GKERICTFL\*P\*YSTLRG\*\*\*HL\*VDKL\*YLSHYTGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRKRNSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*Q\*LDD\*\*YWE\*\*YGD\*\*YYGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTNQLFIKYYRAAINKRWWRQQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSDRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSAESY\*GATAPVATHSLGH\*AAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LEQ\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCAYYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868924.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMEHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868925.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868926.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868927.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPPDNQNHQVPLPKQ\*VAYVMQSLQLAAIVALVIASIIAIVVWIIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CYRKTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGK\*CLGHTCLCTHRPQPTRNSIGKCDRNF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*IQCF\*YLKWY\*\*ECK\*GNRYEKLLF\*CYCGNTG\*GKERICTFL\*P\*YSTLRG\*\*\*HL\*VDKL\*YLSHYTGLSKGNF\*ANSHTLLYPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRNSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKA\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*Q\*LDD\*\*YWE\*\*YGD\*\*YYGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTNQLFIKYYRAAINKRWWRQQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSDRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGH\*AAPGESSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*SA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRFDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868928.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMQSLQLAAIVALVIASIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRAIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKV\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*IQYF\*DLKLYY\*G\*ECN\*\*\*GNRYEKLLF\*CYCGNTG\*GKEGICTFL\*P\*YSTLRG\*\*\*HL\*VDKL\*YFSHYTGLSKGNF\*ANSHTLLYPSWICTAKV\*\*\*KVQWIRTMYKCQHSTMYTRN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*SILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLD\*WYLE\*WYGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTNQLFIKYYRAAINKRWWHQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAERKKSSDRSCVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGH\*AAPGKSSGCGKILKGSTAPRNLGMLWKAHLHHCCALEY\*LE\*\*ISK\*HLG\*HDLDGVGKRD\*QLHRHNI\*PD\*KITNPTRTE\*TKIIRIR\*MVKLVELV\*YNTVAVVYKNIYNDSRRFDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868929.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPPDNQNHQVPLPKQ\*VAYVMQSLQLAAIVALVIASIIAIVVWIIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CYRKTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRNF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*IQCF\*YLKWY\*\*ECK\*GNRYEKLLF\*CYCGNTG\*GKERICTFL\*P\*YSTLRG\*\*\*HL\*VDKL\*YLSHYTGLSKGNF\*ANSHTLLYPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRNSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKA\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*Q\*LDD\*\*YWE\*\*YGD\*\*YYGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTNQLFIKYYRAAINKRWWRQQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSDRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGH\*AAPGESSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*SA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRFDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868930.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QRKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868931.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELVYYNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868932.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868933.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPPDNQNHQVPLPKQ\*VAYVMQSLQLAAIVALVIASIIAIVVWIIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CYRKTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPPTTRNSIGKCDRNF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*IQCF\*YLKWY\*\*ECK\*GNRYEKLLF\*CYCGNTG\*GKERICTFL\*P\*YSTLRG\*\*\*HL\*VDKL\*YLSHYTGLSKGNF\*ANSHTLLYPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRNSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKA\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*Q\*LDD\*\*YWE\*\*YGD\*\*YYGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTNQLFIKYYRAAINKRWWRQQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSDRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGH\*AAPGESSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*SA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRFDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868934.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868935.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLVD\*W\*\*\*YGD\*\*\*YHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868936.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPPDNQNHQVPLPKQ\*VAYVMQSLQLAAIVALVIASIIAIVVWIIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CYRKTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRNF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*IQCF\*YLKWY\*\*ECK\*GNRYEKLLF\*CYCGNTG\*GKERICTFL\*P\*YSTLRG\*\*\*HL\*VDKL\*YLSHYTGLSKGNF\*ANSHTLLYPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRNSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKA\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*Q\*LDD\*\*YWE\*\*YGD\*\*YYGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTNQLFIKYYRAAINKRWWRQQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSDRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGH\*AAPGESSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*SA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRFDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868937.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMQSLELASIVALVIASIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*IQYF\*YLKWY\*\*ECK\*GNRYEKLLF\*CYCGNTG\*GKERICTFL\*P\*YSTLRG\*\*\*HL\*VDKL\*YLSHYTGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRNSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*Q\*LDD\*\*YWE\*\*YGD\*\*YYGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTNQLFIKYYRAAINKRWWRQQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSDRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSAESY\*GATAPVATHSLGH\*AAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LEQ\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCAYYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868938.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868939.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESKGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868940.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNL\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNEHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEE\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868941.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAE\*NYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868942.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPPDNQNHQVPLPKQ\*VAYVMQSLQLAAIVALVIASIIAIVVWIIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CYRKTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRNF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*IQCF\*YLKWY\*\*ECK\*GNKYEKLLF\*CYCGNTG\*GKERICTFL\*P\*YSTLRG\*\*\*HL\*VDKL\*YLSHYTGLSKGNF\*ANSHTLLYPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRNSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKA\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*Q\*LDD\*\*YWE\*\*YGD\*\*YYGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTNQLFIKYYRAAINKRWWRQQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSDRSCAPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGH\*AAPGESSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*SA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRFDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868943.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*YVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868944.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNTG\*GKERICTFL\*P\*YSTLRG\*\*\*HL\*VDKL\*YLSHYTGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRNSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*Q\*LDD\*\*YWE\*\*YGD\*\*YYGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LEQ\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCAYYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868945.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPPDNQNHQVPLPKQ\*VAYVMQSLQLAAIVALVIASIIAIVVWIIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CYRKTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRNF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*IQCF\*YLKWY\*\*ECK\*GNRYEKLLF\*CYCGNTG\*GKERICTFL\*P\*YSTLRG\*\*\*HL\*VDKL\*YLSHYTGLSKGNF\*ANSHTLLYPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRNSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKA\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*Q\*LDD\*\*YWE\*\*YGD\*\*YYGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTNQLFIKYYRAAINKRWWRQQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSDRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGH\*AAPGESSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*SA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRFDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2008.KR868946.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKRCCFHCQVCFITKGLGISHGRKKRRQRRRSPPDNQNHQVPLPKQ\*VVYVMPSLELAAIVALVIAVIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRKIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*LKYL\*YLKLY\*\*FRYEKLLF\*CYCGNAG\*GKERICTFL\*P\*YSTLRG\*EE\*HL\*VDKL\*YLSHYAGLSKGNF\*ANSHTLLCPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRDSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKT\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*QYLDD\*W\*\*\*YGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTN\*LFIKYYRAAINKRWWRQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGHQAAPGKSSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*PA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRSDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2012.KR914675.-

MEPVDXRLEPWKHPGSQPRTACTNCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRSPQGSESHQDSLSKQ\*VVHVTQPISKVAIVALVVAVIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGEISALVEMGVEMGHHAPWDVDDL\*CD\*QIQRHTLLCSTCLEGNNHHFILCIRCQRI\*YRGT\*CLGHSCLCTHRPQPTRSRIGKCDRRF\*HVEQ\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEGGN\*Y\*\*H\*RDNDNGERSDEKLFFQYHNKRKR\*GEETTCIVLYT\*YSTNR\*R\*\*QL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWKRTMYKCQHSTMYTWN\*ASSFNSIAVKWQSSRKRGSN\*I\*KLLEQC\*KHNSTAE\*ICRN\*LY\*TQQQYKKKHTYPKRTRESLLYNRKNRRYKTSILYP\*WSKME\*NFRTDS\*KIKRTIWRK\*NNSL\*SILRRGPRNCNTQFYLWRGIFLL\*YNKTV\*\*YTV\*\*YLE\*\*NLE\*YRRK\*HYHTPMQNKTNYKHVAKSRKSNVCPSHCRTN\*LFIKYYRAAISERWWYQKERDRDLQTWRGRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKRSGIRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHKQLQARILAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNKSLKEIWNHMTWMEWEKEINNYTSLIYSLIEESQNQQEKNEQELLELDKWASLWNWFDITHWLWYIKIFIMIVGGLIGLRIIFVVLSIVNRVRQGYSPLSFQTRLPAQRGPDRPEEIEGEGGERNRDRSERL

>B.2014.KR914676.-

MEPVDPRLEPWKHPGSQPKTACTSCYCKWCCYHCQVCFMTKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVHVMQPLVIVGIVALVIAAIIAIVVWSIVIIEYRKILRQRKIDRLIERIRDRAEDSGNESEGGSGRIIQPLVEMGHHGPWDVDDLEC\*RTIVGNSLLWGNCVEGATCVEKCNHHFIL\*YRAT\*CQGQMCLCTHRPQPTRSSNGKCDRIF\*HVEK\*HGRADA\*GYNQFMGSKLKAMCNIHPTLCHFKLQ\*FEECY\*YQL\*\*RERDS\*ETRYIKLLCQYQHIYNRSRSDSR\*SYGYR\*HTTSVY\*FYQQ\*VDSL\*HLTHDTGLSIRTV\*ANSHTLLCPGRFCDSKV\*Q\*DIQWKRTM\*KC\*HSTMYTWN\*ASSFNSTAIKWQSSRRRGSNKI\*KFHRQY\*NHNSTAE\*ICGN\*LY\*TQQQYKKKHTYP\*RTRASILCNRKNRRYKTSTL\*P\*\*SRME\*NFSTDS\*KIRQTIWRK\*NNILSAILRRGHRNCNTQF\*LWRGIFLL\*HNTTV\*\*\*LVQVKLEKSKDKGDWRKGDNHTPM\*NKTNCKHVAGSRTSNVCPSHQRTN\*MFIKYYRGAINKRWW\*YHQSLRDLQTWRRKYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKSNRIRSCVPWVLGSSRKHYGRSVSNADGTSQTIIVWYSATAEQFAECYSGATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGVLWKTHLHHCCALEC\*LE\*\*IPGVHLG\*YDLDGVGKRN\*QLHKINIPLN\*RIAEPTRKE\*KGIIGIG\*MGKFVELV\*HNKMAVVYKDIYNDSRRLNRIKNSFCSTFYNK\*S\*AGIFTTLVSDPPPSSEGTRQARRNRRRRWRERQRWIREI

>B.2014.KR914677.-

XEPVDXRLEPWKHPGSQPRTACTNCYCKKCCFHCQACFTKKALGISYGRKKRRQRRRAPQGSETHQVXXXXXXVAIVALVVAVIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGXISALXEXXVEMGHXAPXXXDDL\*CYRKIVGHSLL\*GTCVERSNHHFILCIRC\*SI\*YRGT\*CLGYTCLCTHRPQPTRNKIRKCDRKV\*HVEK\*HGRTNA\*RYNQFMGSKLKAMCKIDSSLCLFKLHRYKE\*FCHS\*SQP\*NDNE\*RIHEKLLFQHHHRLKR\*DAKSLCTFL\*T\*YNTNR\*\*\*\*\*L\*VEKL\*HLSHYTSLSKGVL\*XXNSHTLLCPGWLCDSTM\*Q\*DIQWKRRLWKCQHSTMYT\*N\*ASSINSTASKWQSSGRRXXSN\*I\*QFLR\*C\*NHNSATKQSCNN\*LYKTQQQYKKKNQYQYRTRESILYNRKNKKHKTSTL\*Y\*\*SRME\*NFSTGSEKIKRPIWI\*\*NNNL\*SLLSRGPRNCNTQF\*LWRGIFLL\*YITTV\*\*NLV\*\*HLEYRRVK\*Y\*RK\*\*YHTSMQNKTNYKHVAGSKKSNVCPAH\*\*TN\*MCIKYYRVAVNKRW\*\*\*\*QQIRDLQTCKRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAKRKKSNNTRSYVP\*VLKSSRKHYRRNVNNVDGTGQTIVVWYSATAEQSAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPKALGLL\*KTHLHHCCALEY\*LE\*\*ISR\*HLE\*LNLDAVGKRN\*QLHRLNIQLN\*RIANPAREK\*TGLVTIRSMGKFVELV\*HNKMAVVHKNIHNDSRRHNKFKNSSYCNLYSK\*S\*EKIFTTLVSDPPPNPERTRQARRNRRRR\*RARQRQIQSI

>B.2014.KR914678.-

MEPVDPRLEPWNHPGSQPRTACTNCYCKKCCFHCQACFTKKALGISYGRKKRRQRRRAPQHSQNHQVPLSKQ\*VLHVMQSLVILAIVALVVVGLIAIVVWSLVFIEYRKILRQRRIDRLIERIRERAEDSGXXXEIRARGT\*GITCGDGARCSLEY\*\*SVVLRKICGSQSIMGYLYGKKQPPLNLVHLMLKHIKQRYIMFGLHMLVYPQTPTHKK\*NWKM\*QKSLTCGKMTW\*NKCMRI\*SVYGIKA\*SHV\*N\*LLSVSL\*IAQI\*RIILIPILVVGEL\*WSTQR\*KTALSTLPQT\*KIRCRNFMYFYINLIN\*\*\*IIIVLAID\*\*VVTPQSLHKPVQRCPLSQFPYIIVPRLVMRFYNVTIRHSVEKESVEMSAQYNVHMGLDQ\*YQLNCF\*MAV\*RKKR\*\*LDLSISQIMLKP\*\*CN\*TKL\*QLIVQDPTTIQEKESVYI\*DQGEHFIQQEK\*ET\*DKHIVILVKQNGITLYNR\*LENYMTNLDIIRQ\*SLITPQQGTQKL\*HTCLIVEGNFSTVIHQNCLIALGIRIVGIMKLGMKLKQVILSHFHAE\*NKL\*TCGRK\*EKQCMPRPLVDRLDVYQILQGCC\*QEMVVIVTMSPRPSDLQEEI\*RTIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCKEKKEQ\*H\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDDCCLV\*CNSRAIC\*ELLRRNSICCNSQSGAQAAPGKSPG\*ERYLRDQRLLGLWGCSGRHICTTAVPWNTVGVIGLTMTFGIT\*PGCSGKKKLTITQA\*YTA\*LKTRKPSKKKMNRTCYNWINGQVCGIGLT\*QNGCGT\*KYS\*\*\*\*EA\*\*V\*E\*FLL\*SL\*\*IELGRDIHHSRFRPTTQPRGDKTGPEESKETVESKTETDPVH\*

>B.1997.KT124741.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPPSSENNQVSLSKQ\*VVHVMQSIKILAIVALVVAAIIAIIVWTLVLIEYRKLLRQRKIDRLIDRIAERAEDSGNESDGDQEELSTLMEMGHHAPWDIDDL\*CCREMGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*\*FGE\*\*Y\*QQ\*LGQGRDEKMLFQYHHKHKR\*DAERICTFL\*T\*YSTNR\*W\*E\*\*YQYQL\*VDKL\*HLSHYTGLSKDNL\*ANSNTLLCPGWFCDSKV\*Q\*DVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRYSN\*I\*EFHEQC\*NHNSTAERICTN\*LYKT\*QQYKKRYTYRTRESILCNRTNNRRYKKSIL\*H\*\*NKVEQHFNTGS\*KIKRTIWE\*NNSL\*SILRRGPRNCNAQL\*LWRGIFLL\*YNTTV\*\*YLEC\*CYCK\*HGRK\*HPHTPMQNKTNYKHVARGRKSNVCPSHPRDN\*LFIKYHRAIINKRWWK\*KQA\*RDLQTWRRRYEGQLEK\*II\*I\*SSTN\*TTRSSTHQGKKKSGAERKKSNRNGSVVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGFGKIPKGSTAPRDVGLLWKTHLHHYCALE\*\*LE\*\*ISK\*YLG\*HDLDGVGKRN\*QLHKFNIHLNSRIAEPTRKK\*TRIIGIG\*VGKPVELV\*HIKMAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGILTIVISDPPPSSKGTRQARRNRRRRWRERQRHIQAI

>B.1997.KT124742.acute\_infection

MEPVDPSLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRRTPQDSKTHQDPLSKQ\*VVYVMHSLQIAAIAALVIVAIIAIVVWSIVFIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCSTIVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRTSIGKCDRKF\*HVE\*YHGRTDA\*GYNQFMGSKSKAMCKINPTLCYFKLH\*CNECY\*YQCY\*YQ\*\*\*RGSGEWRNKELLFQHHHKRKR\*GAERICTFL\*T\*YSTNNK\*E\*QI\*VDKL\*HLSPYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*NVQWERTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRKRGNN\*I\*QFLGQC\*KHNSATERICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRKYKTSTL\*H\*\*IKME\*HFKTDSCKIRRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNKTV\*\*YLD\*GG\*\*WYLEWYYRVK\*HCRK\*HNHTPM\*NKTNYKHVAGSGKSNVCPSHQRTN\*MFIKYYRADINKRWR\*GR\*\*WE\*DPRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEESGAKRKKSSGIRSYVPWVLRSSRKRYGRSVNDADGTGQTITVWYSATAE\*FAEGY\*GATAYVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGLLWKTHLHH\*CALGY\*LE\*\*NSG\*YLG\*\*HDLDGVGKRN\*QLHKHNIHLT\*RSTVSTGKE\*KRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSK\*N\*AGILTIIVPDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1997.KT124743.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSQIHQVPVPKQ\*VIHVMYPLQILAIVSLVVVVIIAIVVWTIVGIEYMKIRKHRKIDRLIDRITERAEDSGNDSDGDQEELATLMEMGHDAPWDVNDL\*CCTIVGHSLLWGTCVERRNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSNIGKCNRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*C\*VEWY\*CHYNRDRRNKKLLFQNLHNCKR\*GKETICTFL\*S\*CNTIR\*\*\*\*\*YY\*L\*VEKL\*YLSRYTSLSKGILRANSHTLLYPSWFCNSKV\*\*\*DIQWNRTM\*KCQHSTVYSWN\*ASSINSTAVKWQSSRRRDSN\*I\*KFHKQC\*SHNSTAK\*NCTH\*LYKAQQQYKKEYRYGTRESILCNRRHNRRHKTGTL\*R\*\*SKME\*DSTTDSYKIKRTIWGK\*NNSLSKLLRRGPRNYNAQF\*LWRGIFLL\*YNTTV\*\*YLELE\*YSD\*\*YSD\*\*LAKCHYHTFMQNKTVYKHVAGSRKSNVCPSH\*GTNKLFIKYYRVAINKRWW\*RERHQQQHRGLQTYRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAESY\*GTTTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLPHCCALEC\*LE\*\*KSKSNLGKHDLDGVGKRN\*QLYRFNIQLN\*TIAEPTRKE\*TRIIGIG\*VGKLVELV\*HNKMAVVHKNIHNDSRRLDRIKNSFCCTFYSK\*S\*AGVFTTLVADPPPSSEGTRQARRNRRRRWRERQRQIRAL

>B.1997.KT124744.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPHNSQIDQASLSKQ\*VVHVMTSLEIFAIVALVVAGILAIIVWSIVFIEYRKLRRQKRIDRLIERIRERAEDSGNESDGDQEELSTLVEMGSLDLWDIDDL\*YCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTYRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGCNQFMGSKPKALCKINPTLCYFKLH\*CEY\*WHH\*YYCHHH\*\*\*RGNRGERRNKKLLFQCHLRHKR\*DAKRICILL\*T\*CSTNR\*S\*\*\*\*\*\*\*L\*EL\*DDKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSEM\*\*\*DVQWKRRM\*KCQHSTMYTWN\*ASSINSIAVKWQSSRRRCGN\*I\*QFHRQC\*NHNSTAKRPCTNLLRKTQQQYKKKYTYRTRESILCRRNNREHKKSIL\*A\*\*NKLE\*RFRTNS\*KIKRTIST\*NNKYNKFYSILRRGPRNCNAQF\*LWRRIFLL\*YNTII\*\*YLGS\*\*\*LDLE\*YSRVKWHSRKYHTPMQNKTNYKHVAGGRKSHVCPSHQRTN\*LFIKYYRVAINKRWW\*\*QRHQQWHRDLQTWRGRYEGQLEK\*II\*I\*SSKN\*TSRISTNQGKEKSGAERKKSSGTRSAFPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ICE\*DLG\*HDLDAVGKRN\*QLHRLDIHLT\*RIAEPARKK\*TGIIGIG\*MGKFVELVFHNKMAVVYKNIHNDSRRLGRFKNNFCCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQKHIRTL

>B.1997.KT124745.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNTCYCKKCCFHCQVCFTQKGLGIFYGRRKRRQRRRAYYNSETHQTSLSKQ\*VVHVMQALLLLIVALVVAAILAIVVWTIVLIEYRKILRQKKIDRLNRIAERAEDSGNESEGDQEELSALMEMGHHAPWDINDQ\*CCRTMVGHSLLWGTCVERRNHHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CQEYY\*Q\*\*YEGRNEKLLF\*CHHKYKR\*DAEGICTSL\*T\*YSTHRS\*TE\*YQL\*VNKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*\*VQWNRTM\*KCQHSTMYTWN\*ASSINSATVKWQSSRRRGSN\*I\*KFHGQY\*NHDSTTE\*NYRN\*LYKAQQQYKQKHTYRTRKGILYNRQNSRRYKTGTL\*H\*WSKMEYHSKTDSCKIKRTISK\*NNCL\*FFLRRGPRNCNSQF\*LWRGIFLL\*YNTTV\*\*YLGLE\*Y\*RVK\*H\*RK\*HNNHTAMQNKTNCKHVAGSRKSNVCPSH\*RTN\*MFIKCYRAAINKRWG\*\*Q\*H\*NLQTWRRKYKGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAKRKKSSGNIRSYVPWVLGSSRKHYGRSVIDTDGTGQTIVVWYSATAKQFAEGY\*GATTSVATHGLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*K\*NSG\*DLE\*HDLDGVGKGN\*QLYRSNIHLNSKLAEPARKE\*TRIIGIG\*VEQFVELV\*YNTMAVVYKNIHNNSRRLGRFKNSFCCTCYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRQRQRQIHEI

>B.1998.KT124746.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRSPQDRQTNQGYLSKQ\*VVHVMQSLQILAIVALVVTLIIAIVVWTIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESDGDQEELLVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SIYGRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKTNPTLCYFKLY\*SGE\*YQSGE\*YQ\*\*Y\*\*LGKNGERRDKKLLFQYHHSHKR\*DTEKLCTF\*\*T\*YSTNR\*\*\*Y\*\*Y\*\*C\*L\*VDKL\*HLSHYTSLSKDIL\*ANSHTLLCPSWFCDSKV\*\*\*EIQWNRTLYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*V\*KFHGQC\*NHNSTAERICNN\*LYKAQQQYKKKYNIWTRESILYNRRYNRRYKKSIL\*H\*\*YTME\*HFKTDS\*KIKRTI\*G\*NNSL\*FIFRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLEWK\*YWRV\*\*HWKKYHIYHTPMQDKTNYKHVAGSRKSNVCPSHRRTN\*MFIKYYRDTINKRWW\*\*\*RGQGDLQT\*RRKYEG\*LEE\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*HLE\*YDLDGVG\*RN\*QLHKLNIQPN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1998.KT124747.-

MDPVDPRLEPWKHPGSQPRTPCTKCYCKKCCFHCQVCFIQKALGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VLHVMQSLVVFSIVALVIVAIIAIVVWAIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESDGDQEELSALVERGHLAPWNVDDL\*CCRKIVGHSLLWGTSVEGSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PT\*SSIGKCDRTI\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYFTLH\*LYFKLLYWGE\*YY\*YH\*KELGRDGERRNEKLFFQYHLKHKK\*GD\*RICTFL\*T\*YSTNR\*\*\*YKLYIEKL\*YLSHYTGLSKGNL\*TNSHTLLYPGWFCASKV\*\*\*EVQWNRIMQKSQYSTMYTWN\*ASSINSTIVKWQSSRRRCSN\*ICKFHRQC\*NHNSTAERRCRN\*LYKTQQQYKKKYTYSTREGILCNRRNNRRYKTSTL\*P\*\*CTME\*HFKKDS\*KIKRAIWE\*NNKLY\*ILRRGPRNYNAHF\*LWRGIFLL\*YNTAV\*\*YLAMAG\*\*Y\*\*\*RYRQ\*HNHTSMQNKTNYKQVARSRKSNVCPSHQWTN\*MYIKYYRTDINKRWWSHK\*YQQHRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*PIRSSTHQGKEKSGAKRKKSSGDRSYVPWVLGSSRKHYGRSVTNADGTSQTTIVWYSATAEQSAEGY\*GATAYVATHSLGH\*AAPGESPGCGKLPKGSTAPGNLGLLWKTHLHHCRALEY\*LE\*\*ISGSDLAEHDLDAVGKRN\*\*LHRLNIQLD\*RIAKPARKE\*TRIIVIRSMGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFHCTFYSK\*S\*AGIFTIIVSDPPPSQEGTRQARRNRRRRWRERQRHIRSI

>B.2001.KT124748.acute\_infection

MEPVDPSLEPWKHPGSQPKTACNNCYCKKCCYHCQVCFTTKGLGISYGRKKRRQRRRPPQDSQTNQASLSKQ\*VIYVMQPVQILAIVGLVVAAILAIVVWTIVYIEYRKIVRQRKIDKILDRIRERAEDSGNESEGDQEELSKLVVEMGHDAPWVVDDL\*C\*RQVVGHSLLWGTCVERSNYHSILCIRC\*SIFYRGT\*CLGHSCLCTHKPQPTRSNIRKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPEAMCKTNPTLCYFTLH\*CREWYEYHQYYY\*YH\*YYW\*VYKERRNEKLLFQCHHKHKR\*DKDRICPL\*\*T\*CGTNR\*\*\*\*N\*EYQQL\*VDTL\*HLSHYTSLSKDIL\*ANSYTLLYPSWFCTPKM\*G\*EV\*WNRIM\*KCQHSAMYTWN\*ASSVNSTAVKWQPSRRRGNT\*I\*KFYRQY\*NHNSTFE\*ICSN\*LYKTQQQYKKKDTYRTRESILCNRHNRKYKASILYH\*WNKMEKHFRKDSCKIRRTI\*E\*NNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*FNSTV\*\*HLE\*DWRGLD\*GDKLHKRNYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*LYIKYYRAAINKRWWE\*\*QHYRDLQTWRRKYERQLEK\*IIQI\*SSKN\*AIRSSTHQGKEESGAERKKSNRDNRSYVPWVLGSSRKHYGRSISDADGTSQAIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGPTAPGNLGLLWKAHLHHYCALEY\*LE\*\*KSNSDLG\*HDLDAVGKRN\*KLHRLNIHFN\*RITEPTRKE\*TRIVSIRFMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSKKS\*AGIFTIVISDPPPSPEGTRQARRNRRRRWRERQRQINKI

>B.2009.KT124749.acute\_infection

MDPVDPNLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSQTHQDNLPKQ\*VYVMTPLEIYAIVALVIVAIIAIVVWSIVFIEYRKILRQRRIDRLIDRIRDRAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*CYRKPVGHSLLWGTCMEGSNNHSILCIRC\*SI\*\*GGT\*CLGHACLCTHRPRPTGSILGKCDRKF\*HVEK\*HGRTIA\*GCNQFMGPKLKTMCKINPTLCYFKLH\*LPRKWY\*YK\*D\*YK\*\*YRRRWRNKKLLFQLHHKHKR\*DTENICTFL\*T\*CSTNRKK\*FQL\*VDKL\*YLSHYTGLSQSIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRGM\*QCQYSTMYTWN\*ASSINSTTVKWQFSRRRGSN\*I\*QFHK\*C\*NHNSTAKPICNN\*LYKTQQQYKKKYTYRTRESILCNRRHNRRYKTSTL\*H\*\*NRME\*HFRTDSWKIKRTI\*E\*NNSL\*PILRRRPRNYNAQFYLWRGIFLL\*YNKTV\*\*YLE\*YLE\*YY\*E\*HWR\*R\*NYTPMQNKTNCKPVAGSRKSNVCPSHQWTN\*LFIKYYRDTINKRWR\*YKQYY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSIGNRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAKQFAESY\*GATASVATHSLGH\*AAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISRGYLG\*YDLDAVGKGN\*QLHNHNIRFT\*EIAEPARKE\*TRIIGIRQMGKFVELV\*HNKLAVVYKNIYNDSRRHSRVKNSFSCTFYSE\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.KT124750.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNTCYCKKCCFHCQVCFLTKGLGILYGRKKRRQRRRFPQSNQDHQVSLSKQ\*VVPVMQFETILAIIALMIVAIIAIVVWSLVLIEYRKILRQRKIDRLIERIIERAEDSGNESEGDQEELSEIMEMGHLVPWNVDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRSSIEKCDRIF\*HVEK\*HGRSDA\*RCNQFMGSKPKAMCKINPTLCYFKLH\*LEY\*CH\*SY\*SKVGGRRNKKLLFQYHHKLK\*\*DAKRICPFV\*T\*YSTNR\*\*\*YQL\*VDKL\*HLSPYTSLSKGNL\*ANSHTLLCPGWFCDSKV\*RSEVQWKRRMSKCQHSTMYTWN\*TSNINSTAVKWQSSRKRGSNKI\*QYLRQY\*NHNSTAGKACNN\*LYKAWQQHQKKYTYSTRESILCNRKHNRRYKTSTL\*P\*QERLE\*HFTKDSYKINRTI\*KYNNSL\*SVLRRRPRDCNAQF\*LWRGIFLLQYHTAV\*\*YLGKWDFGKWDFE\*Y\*RV\*\*H\*HNHTPM\*NKTSYKHVAGGRKSNVCPSH\*RKHYMFIKYYGANINKRWW\*ERGQRDRDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATTYVATHSLGHQTAPGKSPSCGNIPKGSTAPGNLGLLWKAHLHHCCALE\*\*LE\*\*KSD\*DLG\*HDLDAVGKRN\*QLHRLNILIT\*RIAEPARKE\*T\*IIGIG\*MGKFVELV\*HNKMAVVYKNIHNGSRRLNRFKNSFHCTFYSE\*S\*EGILTIVVSDPPPSPQGTRQARRNRRRRWRERQRHIRVI

>B.2008.KT124751.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRTPQDSKAHQASLSKQ\*VLHVMHSLGIFAIVGLVIAGIIAIVVWSIVLIEYRRILRQRRIDRLIDRIIERAEDSGNESDGDHEALMEMGYDAPWNVDDL\*CYRKIVGHSLLWGTCVERSRHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPLPTRSSIGKCD\*KF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMRKINPTLCHFNLH\*FDCLDECYCK\*CYCYCK\*\*Y\*K\*CYGK\*SRDRRDKKLLFQYHHKHER\*GAENICIIL\*S\*YSTNK\*\*\*\*\*\*\*LQVDKL\*HLSPHTGLSKDIL\*ANPDTLLCPGWFCDSKV\*\*\*KIQWNRTM\*KCQHSTMYTWN\*TSNINSAVVKWQSSRRRSNN\*I\*KFHEQC\*NHNSAAEHICRN\*LYKTQQQYKKRYTHRTRESILCNRRHNRGYKASTL\*H\*\*RKME\*YFKADS\*KIKRTI\*\*\*NNNF\*SLLRRGPRNCNAQF\*LRRGIFLL\*YNTTV\*\*YLAV\*\*YLG\*Y\*RVKLHCRK\*KYHTPMQNKTNCKPVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWQCWQY\*\*QERDLQTWGRKYEGQLEK\*II\*I\*SSKS\*TIRNSTH\*GKKKSGAERKKRFGTRSLVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*HLG\*HDLDGVGKRN\*QLHKLNIHLT\*NFAKPAGKE\*TRIIGIGQMGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIVVSDPPPSTQGTRQARRNRRRRWRERQRQISTI

>B.2008.KT124752.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIRKGLGIYYGRKKRRQRRRSPQDSQAHQGSLSRQ\*VVHVMQSSPLSDLQIAAIVALVVAALIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHDAPWVIDDL\*CYRKIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRNSIGECDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMRKINPTLCYSKLH\*LLEE\*N\*HQ\*D\*HQWY\*HQ\*\*\*\*LGKNGERRNKKLLFQYLHKRKR\*DAGSICTFL\*A\*CSTNR\*\*E\*E\*Y\*\*QHI\*VNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAAKWQSSRKRGSN\*V\*KFHRQC\*NHNSTAERSCSN\*LYKTQQQYKKRYTYSTRESILCNRRHNRRYKKSTL\*P\*\*RRLE\*DFTTGSCKIRRAI\*E\*INSL\*SILRRRPRNCNAQF\*LWRGILLL\*YNKIV\*\*\*LDLG\*\*\*YG\*LDWYLE\*C\*\*H\*T\*YHTHMQNKTNYKHVAGSRKSDVCPSHQRTN\*MFIKYYRAAVNKRWWYY\*H\*Q\*YRDLQTWRRRYEGQLEK\*IIQI\*SSTN\*TIRSSTHQGKEKSGAKRKKRFGNRSFVPWVLGSSRKHYGHSINNADGTGQTITVWYSAAAEQSAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LEQ\*ISG\*YLG\*HDLDGVGQRN\*QLHKHNIQFTWGIANPTRKE\*TRIIGIG\*MGKFVELVQHNRMAVVYKNLHNDNRRLGRFKNSFYYTFCSE\*S\*AGILTTIVTDPPPSQEGTRQARRNRRRRWRERQRHIQSI

>B.2009.KT124753.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNTCYCKKCCFHCLVCFQKKGLGISYGRKKRRQRRRTPQGSQTHQASLSTQ\*VVHVMQSLEIFAVVALVIAAIIAIVVWSIVFIEYRKILRQRKIDRVIDRIRERAEDSGNESEGDEEELSVLMEMGHHAPWDVNDL\*CYRQIVGHNLLWGTCVERSKHHSILCIRC\*NI\*YRGT\*CLGHTCLCTHRPQPTRNRSEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFNLH\*RECYYYQYYH\*\*H\*YHSYH\*\*SRGNEGNEKLLFQYHHKHKR\*DKERICTFL\*T\*YSINR\*Q\*YQL\*VDKL\*YLSHYTGLSKDNL\*ANSHTLLCPGWFCASKV\*\*\*EVQWNRTM\*KCQHGTMYTWN\*ASSINSTAAKWQSSRRRGSNQISKLLKQC\*SHNSAAE\*NCRN\*LYKTQQQYKKKYTYRTRKGTLYNRNNRRYKKSIL\*R\*\*SKMVYHSKTGS\*KIKSTI\*E\*NNSL\*SLLRRGPRNCNAQC\*LWRRIFLL\*FNTTVQ\*YLE\*D\*YLE\*S\*\*\*YLEC\*CY\*IYHTPMQNKTNYKHVAGSRKSNVCPSHQGNN\*MFIKHYRTDINKRWW\*\*Q\*HK\*HRDLQTWRRRYEGQLEK\*II\*I\*SGRN\*TIRNSTHQGKEKSGAERKKSNRSTRSCVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCTLEY\*LE\*\*IL\*SDLGQHDLDAVGKRN\*QLHKHNIQVN\*RVTEPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYYTFYSE\*S\*AGILTIVVSDPPPTSEGTRQARRNRRRRWRERQRQIRTI

>B.2009.KT124754.acute\_infection

MEPVDPRLEPWEHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSEAHQASLSKQ\*VIHVMYSLKILAIGALVVATIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSTLVEMGHDAPWNIDDL\*CYRKIVGHSLLWGTCVERGKHYSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRIDKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*L\*YY\*\*CYSYQ\*\*\*\*RNTDG\*GRNKKLLFQYHHKQKK\*GAGRICSVL\*T\*CSTNK\*\*\*\*\*\*\*L\*VDKL\*HLSHYTGLSKDIL\*ANSHTFVCPGWLCDSKV\*R\*KVQWNRTM\*KCQHNTMYTWN\*ASSINSTTVKWQPSRRRDSN\*I\*KFLGQC\*NHNSTAEPICRN\*LYKTLQQYKKRYTYGTRKSIIYNRRSNREHKTSTLYPQ\*NKMDEHFKSGS\*KIKRTI\*\*NNNI\*SILRRGPRNCHAPF\*L\*RGIFLL\*YSSTV\*\*YLE\*Y\*RVK\*H\*RKWYYPYHTPMQDKTNYKQVAGSRKSNVCPSH\*WKN\*LFIKYYRAATNKRWW\*\*\*REQ\*NL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSRTRSFVPWVLGSSRKRYGRSVNNADGTGQTIIVWNSATAEQSAKSY\*GATASVATHSLGHQAAPGKSPGSGKIPKGSTAPGNLGMLWETHLHHCSALEC\*LE\*\*NSG\*HLG\*PDLDAVGKGN\*QLHTSNIYLN\*RIAEPARKE\*KRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRPDRFKNSFYCTLYSK\*N\*AGILTIVVSDPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KT124755.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCTSCYCKQCCFHCQVCFLKKGLGISYGRKKRRQRRRSANDSQNHQIPLSKQ\*VVHVMQPLEIYAIVALVLVGIIAIVVWTIVLIEYKKILRQRKIDRLIDRITERAEDSGNESEGDQEELLALVEVGHHAPWNVDDL\*CCRQVVGHSLLWGTCVERSNHYSILCIRC\*RI\*YRGT\*CVGHTCLRTHRPQPTRNRIGKCDRRL\*HVEKWHGRTNA\*GCNQFMGSQPKAMCKINPSLCYSKLH\*CEDKCHY\*C\*HDRGNKKLLFQCHHKHKR\*GTKRICIVL\*T\*YSTNK\*\*\*EQ\*QQ\*YQI\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKM\*\*\*GV\*WKRIM\*QCQHSTMYTWN\*TSSINSTVVKWQSSRKRGND\*I\*QFNR\*Y\*NHNSTAE\*ICRN\*LYKTQQQYKKKYKYRTRESILCNRRNNRRYKTSTL\*H\*CKSME\*HFKTGS\*KTKGKIQ\*NNIL\*SLLRRGPRNCNAQL\*LCRGIFLL\*YNTTV\*\*YLE\*Y\*TFK\*H\*K\*\*\*YHYPMQNKTNYKLVAGSRKSNVCPSHQRTN\*MLIKYYRAAINKRWW\*\*RKQYHRDLQTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAEGY\*GATPAVATHSLGH\*AAPGKNPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IYGADLG\*HDLDAVGKGN\*QLHKLNILLN\*RIAESTGKE\*TRIIGIGQMGKLVELV\*HNKVAVVYKNIHNDSRRLGRFKDSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRRIRDI

>B.2012.KT124756.acute\_infection

MEPVDPKLEPWKHPGSQPRTACTSCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDNQTHQVPLPKQ\*VVHVMQALTIVAIVALIVVAIIAIIVWSIVGIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQEELSGLVERGHHAPWDIDDL\*C\*RKFVGHSLLWGTCVERSKPHSILCIRCKSI\*DRGT\*CLGHTCLCAHRS\*PTRNGIGKCDRKL\*YVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCYFKLHCREYDR\*\*\*\*YSVH\*\*QLGKNREWRNTKLLFQYHNKHKR\*DTETICTF\*\*T\*SSTN\*\*D\*\*Y\*L\*DNKL\*HLSHYTGLPKSHL\*TNSHTLLCPGWFCDSKV\*\*EKVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRNSN\*ICQSLE\*C\*NHNSTSE\*ICRHDLYKTQQQYKEKYTYRARESILRNRHNRGHKKSTLQY\*CSKMEHNSI\*DS\*KIKRTFSK\*NNKL\*\*VIRRGPRNNNALF\*LWRGIFLLQYNTTV\*\*QLDRWARAK\*HWARAK\*HYHAPVQNKTNYKQVAGSRKSNVCSSH\*WTN\*MYIQYYRAVINKRWW\*L\*L\*WEERH\*DFQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAEREKSSGNRSCVPWILGSSRKHYGRSVINADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKISKRSTAPRDLGLLWKTHLHH\*CALEC\*LE\*\*IFRCNLG\*HDLDAVGKRN\*QLHRLYIQIT\*RIAKPTRKE\*ARPIGVR\*MGKFVELV\*HNTLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIVVSDPPPSPAGTRQARRNRRRRWRQRQRQIQSI

>B.2008.KT124757.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTSCYCKKCCFHCQVCFLTKGLGISYGRKKRRQRRRTPQDSQNHQASLSKQ\*VVHVMLPLVIASIVALVVVAIIAIIVWSIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDEEALAALVEVGHHAPWDVDDL\*CCR\*PVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRST\*CLGYTCLCTHRPQPTGSSIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGAKPNAMCKINPTLCHFRVSQCY\*GCWECYCNSYHDTSFYK\*YRGGLRHEKLLFQYHHKYEK\*DI\*GICTFL\*T\*YSTR\*\*YRK\*\*YIYIGTV\*YLSHYTCLSKGIL\*ANSHTLLCPGWFCNSKV\*\*\*\*FQWNGIVYKCQHSTMHTWN\*ASSVNSTAVKWQSSRKRGKN\*V\*KSHKQC\*NHNSAAE\*DCSN\*LYKTQQQYKKKC\*YRTRESI\*CNRKNNRRYKTSTL\*P\*\*RRVE\*HSRVGS\*KTKKKISK\*DNRL\*TILRRGPRNYKSHL\*LWRGIFLL\*YITIV\*\*YLE\*H\*KQRYRYDWRHKWNHHAPMQNKTIYKHVAGSRKSNVCPSHPGTN\*MFIKYYRAAINKRWG\*\*Y\*EQYY\*DLQTWRRRYEGQLEK\*II\*IQSSKN\*TIRTSTHQGKEKSGAERKKSSDTRSCVPWVLGNSRKHYGRSVTNADGTGQTITVWYSATAEQPAESY\*GATAHVATHGLGHQTAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHYCALEH\*LE\*\*ISELHLG\*HDLDGMGKGD\*QLHRLDIHVT\*RIAEPARKE\*TRIIGIG\*VGKFVELV\*YNKMAVVYKNIHNDSRRLDRFKNSFCCTCYSK\*S\*AGILTLIISDPPPSPEGTRQARRNRRRRWRQRQKHIHSI

>B.2004.KT124758.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNNCYCKSCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDCQSNQVSLSKQ\*VLNVMQPLVILGIVALIVAAILAIVVWSIVFIEYKKILRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVERGHLAPWDINDM\*CCRKVGYSLLWGTCVERSKHHFILCIKC\*RI\*YRGT\*CLGHTCLCAHRPQPTRSSNGKCNRKF\*HVEK\*HGRTDA\*EYNRFMGSKPKAMCRINPTLCYLKLH\*FD\*YQYHHGDKYHCRWQY\*WYNK\*RDNDKLLFQYHHKHKR\*DKERLCIVL\*N\*CRKDN\*RK\*\*YQL\*VEKL\*YLSH\*TGLSKGIL\*ANSHTFLCPSWFCDSKM\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSRRRDSN\*I\*KFLG\*C\*NHHSTAECICRN\*LYKTQQQYKKKHTYSTRESILCNRRNNRKYKTSTL\*S\*WSTME\*HFKTYSYKIKRTIS\*\*NNKFYPILRRGPRNCNAYL\*LWRGIFLLQHNTTV\*\*YLE\*YTTV\*\*HLE\*YKRDK\*HYHTPM\*NKTNHKHVAEGRKSNVCPSHQWTN\*MFIKYYRADINKRWW\*Y\*QHHPARDLQTSRGKYEGQLEK\*II\*I\*GSSN\*TIRNSTHQGKEKSGAERQKSSGNGSSVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATASVAAHSLGH\*AAPGESPGCRKIPKGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*QISE\*YLGQHDLVAVG\*RNSQLHNFNIHLT\*RIAEPTRQE\*KRIIGIG\*LGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCTVYSE\*S\*AGILTLIVSDPPPSQEGTRQARRNRRRRWRERQRQIHSL

>B.1999.KT124759.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFTKKALGISYGRKKRGQRRRAPPDDQTDQASLPKQ\*VVYVMQSLTVLAIVALVVAVIIAIVVWSIVFIEYRRIRKQKKIERLIDRIIERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*CCRRTIVGHSLLWGTCVERSNHHSILCIRC\*SIRCRGT\*CLGHTCLCTHRPRPTRISTECDRRF\*RMEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*VEG\*Y\*YQYSYYHCY\*\*REQYSGGSRYEKLLFQNHHRCKR\*NAERICTFL\*T\*CSINKE\*\*Y\*L\*VDKL\*HLSHYTGMSKGIL\*ANSHTLLCPGWFCDSKM\*\*QKVRRKRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRSSN\*I\*QFHRQC\*DHNSTAEYTCKH\*LYKTQQQYKKKYTYRTRESILCNRRHNRKYKTSTL\*H\*\*KRME\*HVKICS\*KIRRKI\*\*NKNSL\*AILRRGPRN\*NAQF\*LWRGIFLL\*YNRPV\*\*NCGKKYYLA\*GKRHRRK\*K\*NNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MYIKHYRTTINKRWWE\*\*\*Y\*\*YRDL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSTVPWVLGSSRKHYGRSVIDVDGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGH\*AAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHYCALE\*ELE\*ECISG\*DLE\*HDLDAVGKRN\*KLHRHNI\*ITS\*IANPTRK\*\*TRIIEIGYMGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKDSFCCTFYSK\*S\*AGILTLVVSDPPPNPEGTRQARRNRRRRWRERQRQIRSL

>B.2010.KT124760.acute\_infection

MDPVDPRLEPWKHPGSQPRTACTNCYCKRCCFHCQACFITKGLGISNGRKKRRQRRSAPPDGQSHQASLSEQ\*VVNVMQSLQILAIGALVVVAIIAIIVWTIVIIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSRLVEMGHDAPWDVDDL\*CCKTTRTNVGHSLLWGSGVERSRYHPILCIRC\*GT\*YRGT\*YLGHACLCTHRPQPTRIQFDKCDRAF\*HVEK\*HGRTDA\*RHNQLMGSKPKAMCKINPTLCHSKLH\*L\*\*Y\*S\*\*\*Y\*S\*EYY\*L\*Q\*Y\*VTNG\*RRNTKLLFQYHHKHKR\*GAERICTFV\*N\*FSTNR\*G\*\*EL\*VNKLQHLSHYTGLSKDNL\*TNSNTLLCPGWFCDSKM\*\*\*NIHGKRRM\*KCQYSTMYTWN\*ASGVNSTTVKWQSSRRRGSN\*I\*\*FLGQC\*NHNSATE\*NCTD\*LYKTQQQYKKRYTFRTRGSILCNRRNNRRYKTSILYP\*WDSME\*DSRTDSCKIKRTRSI\*EQNNNL\*SIFRRGPRNCNAQFQLWRRIFLLQYNTTV\*\*HLGY\*WYLGWF\*LY\*HN\*APMQDKTNCKHVAGSRKSNVCPSHQRANQLFIKYHRVAINKRWW\*Q\*QQQRDFQTRRRKYEG\*LEK\*VI\*IQSSKT\*TIRNSTHHGKKKSGAERKKSSGNRSHALWVLGSSRKHYGRSINIADGTSQAIIVWYSATAE\*SAEGY\*GATTYVATHSLGHQTAPGKSPSCGKIPTGPTAPRSLGLLWKTHLHHCSALEC\*LE\*\*NLYSDLG\*HDLDAVGKRN\*\*LHRFNIHLN\*RIATPTREK\*TGLIKIR\*MGKFVELVYYIKMAVVYKNIHNDSRRLDRFKNSFYCTFCSK\*G\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRIINSI

>B.2008.KT124761.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNKCYCKQCCFHCQVCFTSKGLGISYGRKKRRQRRRPNQDRQAHQAPLSGQ\*VVYVMQPLVIVSIVALVVVAIIAIVIWTIVFLEYRKILRQRKIDRLIDRITERAEDSGNESEGDHEELSRLVEMGHNAPWNVDDL\*CYRTMVGHSILWGTCVERSNHHFILCIRC\*GI\*QRGT\*CLGHTCMCTHRP\*PTRNTNAKCDRKF\*HVEK\*HGRTNA\*GYNQLMG\*KPKTLCKINPTLC\*FKLY\*\*Y\*H\*YYQYK\*YWYLY\*CYYQ\*Y\*\*SGKNVRRNEKLLFQYHKHRK\*GKERICTLSYT\*YKITT\*WRLYVDKL\*CLSH\*TGLSKDLL\*TNSDTLLCPGWFCDFKV\*G\*EVQWNRTM\*KCQHSTMYTWN\*ASGVNSTAVKWQSSRRRDSN\*I\*KYYKQC\*KHNSTAKNICRNKLYKTRQQYKKKYTYRTWECIFQHRRHNRKSKTSTL\*R\*WSSMERNFKTGSYKIKRTIY\*\*NNYLY\*PLRRRPRNHNAQFYLWRGIFLL\*YNKAI\*\*YLGSEWNTDK\*HYHK\*HYHTPM\*NKTIHKQVARSRKSNVCPSH\*RRH\*LFITDYRAAINKRWWSEQ\*QQYE\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKKKGGAERKKSSNTRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGESPGCRKIPKGSTAPRNLGLLWKTHMPHRCALEC\*LE\*\*K\*SKCYLGKHDLDGVGERN\*QSYRINIHTIRKIAKPARKE\*TRIIGIG\*VGRFVELV\*YNKMAVVYKNIHNDSRRLNRLKNSFYCTFYSE\*S\*AGILTIVIPDPPPSPAGTRQARRNRRRRWRERQRQIRRI

>B.2008.KT124762.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCYHCQKCFTTKALGISYGRKKRRQRRRASQDRQAYQVSLSKQ\*VVNVMKSLYILAIVALVVAIILAIVVWTIVFIEYRKILRQRKIGRLIDRIRERAEDSGNESEGDQEALMEMGYDAPWDVNDL\*C\*TMVGHSLLWGTCVERSNHHSILCLRC\*SL\*NRGA\*CLGHTCLCTH\*PKPTGNKIEKCDRTV\*HVEQ\*HGGTNAGGHNQSMGSKPKAMCKINPTLCYFKLHEC\*CYWYQWYSWH\*YSGGRINEGRRNKKLLFQYYHKHKR\*ETERICSFL\*S\*FSTNKE\*EYR\*A\*\*\*DL\*VDKL\*HLSHYTGLSKSIF\*ANSHTLLCSGWFCNSKM\*\*QEVQWIRNL\*RCQHSTMYTWN\*ASSVNSTTVKWQSSRRRGSN\*I\*EFHKKY\*NHNSTAK\*NCKN\*LHKTQQQYKKRYTYRTRAGILYNRTNSRRYKTSTL\*H\*\*KTME\*NFRTNN\*KIRRTI\*E\*NNNL\*SLLRRGPRN\*NAQF\*LWRGIFLL\*YSKTV\*\*YLDLV\*\*YSQQ\*EYP\*EYHTPMQNKTNYKHVAGSRKSNVCPSHQRAN\*MFIKYYRAVTNKGWWYE\*HR\*DLQARRRGYEG\*LEK\*IIQI\*SSKN\*AIRSSTHQGKEKSGAERKKSSGIRSFVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSATAEQFAESY\*CATASVAAHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALE\*\*LE\*\*NISE\*NLG\*HDLDGVGKRNWQTHNRYIQLNYRIAEPAGKE\*KRIIGIG\*MGRFVELV\*HNKLAVVYKNIYNDSSRLGRFKNSFCCTFYSK\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRQRQRQIQSL

>B.2010.KT124763.acute\_infection

MEPVDPRIEPWKHPGSQPKTACNNCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAPQDSQTYQDSLSKQ\*VVNVMNSLTIVTIVALVVAVIIAIVVWSIVIIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELSALVEMGHDAPWDVNDL\*CYRREVGHSLLWSTCVERSNHYSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*HVEK\*HDRPDARGYNQFMGSKLKAMCKINSTLCCFKLYYFF\*ELYYF\*\*ECYR\*RDGGKWKLH\*\*Y\*DTDKGSTRTARNKKLFFQNLHKDKR\*DTGRRICSFL\*R\*SSTNR\*\*\*\*N\*\*\*L\*\*N\*\*EL\*VGKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKM\*R\*EVRGKRIM\*KC\*HSTMYTWN\*ASSINSTVVKWQPSRRGGSN\*I\*KFHKQC\*NHNSAAKRSCKN\*LYKTQ\*QYKKKYTYRTRESILYNRRYNRRYKTSTL\*H\*\*RTME\*HFKKGS\*KTKEKI\*Q\*NNKL\*AILRRRPRNCNAQF\*LWRGIFLL\*FIDTV\*\*YLE\*NYCRDYQCK\*NYHTPMQNKANYKHVAGSRKSNVCPSH\*WNN\*MFIKYYRAAINKRWW\*\*W\*S\*RE\*YH\*DLQTWRRRYEG\*LEK\*II\*I\*SSTN\*TSRSSTYQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKAPGCRKISKGSTAPGDLGLLWKTHLHHCCALE\*\*LE\*\*ISEPDLE\*HDLDAVGERNQQLHKFYI\*IN\*RIAKPTRKE\*TRIIGVR\*MGKFVELVFHNKLAVVYKTIHNDSRRLNRLKNSFCCTFYSE\*S\*AGILTLVVSDPPPSNEGTRQARRNRRRRWRARQRQIREI

>B.2002.KT124764.acute\_infection

MEPVDPKLEPWKHPGSQPKTACNSCYCKKCCYHCPVCFTTKGLGISYGRKKRRRRRRTPLDSKNHQVSPSKQ\*VIYVMQPLVIVSIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVLEMGHDAPWDVDDL\*CCRTNVGHSLLWGTCVERSKHHSILCIRCSSI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*YVEKQHGRSDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*YGE\*Y\*YQY\*\*LG\*NGKRRNKELLFQYHHKHEK\*DAETICTFL\*T\*CSTNRGEYHHYL\*VGKL\*HLSHYTGLSKGNL\*TNSHTLLCPSWFCASKM\*G\*EIQWNRTM\*KC\*HSTMHTWN\*ASSINSAAIKWQSSRRRGNNKI\*EFLK\*C\*NHNSTTE\*ICRNKLYKTQQQYKKKYTYRTRESILYNRGYNRRYKTSTL\*H\*\*TKLE\*HFKTDSGKVKRTIWE\*NNSL\*\*ILRRGPRNCNAHF\*LCRGIFLL\*YHTTV\*\*YLVCKQYK\*Y\*RGKQWEYHTPMQNKTIYKHVAGSRKSNVCPSHQWTD\*MYIKYYRAAINKRWWSRQSDQQPD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKESGAERKKSSGNRSVVPWFLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPT\*STAPGNLGLLWKTHLHHCCALE\*QLEQ\*ICG\*HLGKHDMDAVG\*RN\*\*LHKLHIHLN\*RIAEPARKE\*TRIIGIR\*MGKFVELVRHNKMAVVYKNIHNDSRRLDRFKNSFCCAFNSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2012.KT124765.acute\_infection

MDPVDPNLEPWKHPGSQPRTACNKCYCKKCCFHCQACFIKKALGISYGRKKRRQRRRAPPNNQDHQDSLSKQ\*VIYVMQSLVIASIVALVVVAILAISVWTIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESDGDQEELSALVEVGHDAPWIVNDM\*CCRKIVGHSLLWGTCVERSKHHTILCLRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRNSTGKCDRKF\*HVEK\*HGRTAA\*GYNQYMGSKSKAMCETDPTLCHLKLH\*N\*HH\*VQ\*YRH\*CLQYDH\*\*H\*\*YDKLLFLCPHRNTR\*ISKGICSFL\*T\*CSTNR\*G\*\*\*YN\*\*\*YR\*\*Y\*KLYVDKL\*HLSHYTGLSEGNL\*ANSHTLLCPGWFCNYKM\*\*\*\*VQWNRTMYKCQHSAMYTWN\*ASSVNSTAVKWQFSRRRGNN\*I\*KSHKQC\*NHNSTAERTCTN\*LYKTQQQYKEKYNYGTRESIFWNRSNRRYKASPL\*P\*\*SKLE\*DFKRSS\*EIIYRI\*\*NNNL\*SILRRGPRSGNAQF\*LWRGILLL\*YNRTV\*\*YLG\*WFLG\*WD\*\*\*Y\*IKFQYHTSMQNKTNYKHVAKSRKSNICPSYQRTN\*MFIKYYRAATNKGWWDRQ\*QNQ\*DLQAWRRRYERQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKRTRTCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGH\*AAPGKTPGCGKIPKGSTNPRNLGLLWKTHLHHYCALECFME\*\*ITGRDMAEHDLDGVGKRN\*\*LHRHHI\*LT\*NSAKPARKE\*TRIIGIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRVNRIKNNFCSAFYSK\*S\*AGILTIVIADPPPSSEGTRQARRNRRRRWRQRQRQIHSL

>B.2011.KT124766.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCNKCYCKKCCFHCQVCFVTKGLGISYGRKKRRQRRRSPQSSQTHQAALSKQ\*VVYVMLPEQILAIVALVVVTIIAIIVWSIVLIEYRKILRQRKIDRLIDRIIDRAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CWRQIVGHSILWGTCVERRKYHFILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRTSIGKCDRKF\*HVEK\*HGRSDA\*GHNQFMGSKPKAMCKINPTLYYFRLH\*LQWE\*YY\*\*YY\*Y\*YN\*\*SWNNRNRNNEKLLFQYHHRPKR\*A\*ERLCNFL\*S\*CSINRQY\*\*QY\*Y\*LQVEKL\*HLNHQTSLSKGNL\*TNSHTLLYPGWFCDSEV\*R\*QVQWNRTM\*KCQHSTMYTWN\*TSSVHSIAVKW\*SSRRRDST\*I\*EFHRQY\*NNNSTSE\*IYSN\*LYKTQQ\*YKKKYTHRTRECILCNRRNNRKNKTSTL\*H\*\*NNME\*HLTENS\*KIKRTIWE\*\*NNNL\*AILRRRSRSCTTHF\*LWRGIFLL\*HNRTV\*QYLECY\*\*\*VK\*HK\*HYYHAPMQNKTNCKHVADSRKSNVCPSHPRNN\*MFIKYYRAAINKRWWV\*\*WHQ\*\*YRDLQTWRRRYEGQLEK\*II\*I\*NSKN\*TIRNSTQQGKEKSGAKRKKSSGDDRSNVPWVLGSSRKHYGRSVTNADGTCQTSIGWYSATAEQSAEGY\*GATTYIATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALE\*\*LEQ\*IYGYYLE\*HDLDGVGKRN\*QLHRLNIQLN\*RIANPTGKE\*TRLIKIGQVG\*PVELV\*HNKLAVVYKNIYNNSRRLGRFKNSFCCAFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRARQRQIHFI

>B.2013.KT124767.acute\_infection

MDPVDPRLAPWEHPGSQPKTACNTCYCKKCCLHCQVCFSRKALGISYGRKKRRQRRRASQNSQTHQAPLPNQ\*VVHVMPPLVIAAIVGLVVTGILAIAVWSMVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHLAPWDVNDL\*CCRKFVGHGILWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSNSGKCDRKF\*HVEK\*YGRTDA\*GYNQFMG\*KPKAMCKINPTLCYFKLQ\*WELYRNKKLLF\*DQPKPKG\*VTESICIFL\*T\*HSTIRRE\*YNL\*VDKL\*HLKHYTGLSKGIL\*ANSHTSLCPGWFCDFKM\*K\*YVQWNRTM\*QCQYSTMYTWN\*ASSINSIAVKWQSSKKRDSNQI\*KLHRQC\*NHNSTAEQICKHYLCKTR\*QYKEKYTYRTRESILCNRRNNRKYKTSTL\*Y\*\*TSLGTHIKRDS\*KIRRTIKDNNNNLSTILRRGPRN\*NTQL\*LWRGIFLL\*YNRTV\*\*CLE\*\*WKGNWHWK\*Y\*HHTPMQNKTIYKYVARSRKSNVCPSHQWTN\*MFIKYYRAATNKRWWS\*QNGE\*YLQTYRRRYEK\*LEK\*II\*I\*SSTN\*TIRNSTHHGKEKSGAERKKRPRTRSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAESY\*GATTSVATHSLGHQTAPGKSPGSRKIPKRSTAPGNLGLLWKTHLHHCCALEH\*LE\*\*ISGVHLE\*HDLVTVGKRN\*QLHRLNIHLN\*RIAKPTRKE\*KRFIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFCNTFCSE\*S\*AGILTLIVSDPPPSTEGTRQARRNRRRRWRERQRQIRDL

>B.2012.KT124768.acute\_infection

MDPVDPRLEPWKHPGSQPKSPCTNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRGTHQDSQTHQVYLSKQ\*VVHVMQSLQIAAIVALIVAALLAIIVWSIVLIEYRKILKQRKIDRLIDRITERAEDSGNESEGDQEELSALVDMGHHALWDVNDL\*CYKSIMGNSLLWGTCVERSKNHSILCIRC\*RI\*DRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKFKAMCKINPTLCYFRVQ\*\*CYYKWHY\*\*DR\*YYQSKEH\*YTRRGNKKLLFQYHHKHER\*ISKRIRTFL\*T\*FRRTNR\*Q\*DYL\*VNKL\*HLSHYTSLS\*GIL\*ANSYTLLCPGWFCDSKV\*R\*YV\*WNRTMLQC\*HSTMYTWN\*TSSINSTVVKWQPSRRRCSN\*I\*KYHGQY\*EHNSTAKRSCRN\*LHKTQQQYKKKYTYSTRESILCIRRNNRRYKTSTL\*H\*\*NKME\*HFRTNS\*KTESTI\*RI\*T\*\*NNSL\*TTTSRWGPRNYNAYF\*LWRGIFLL\*YIRTV\*\*YLV\*QYIQ\*DCTRQ\*NNHTPMQNKAVCKQVAGSRKSNVCPSHQRNN\*MFIKYYRIDINKRWGYL\*\*HEWDHWE\*DFQTWRGRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQSKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSAAAKQLAEGY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHCCALE\*HLE\*\*ISE\*NLG\*HDLDAVGERNWQLHRLNIQLN\*RIANPTRKE\*KRLIGIK\*LGKFVELV\*HIKMAVVYKNIHNDSRRLDRFTNSFCCNFYSE\*S\*AGILTTVVSDPLPSPEGTRQARRNRRRRWRARQRQISQI

>B.1998.KT124769.acute\_infection

MEPVDPKLEPWKHPGSQPKTACNPCYCKKCCYHCPVCFITKGLGISYGRKKRKQRRRTPLGSQNHQVSPSKQ\*VVHVMQPLIIVSIAALVVVAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVVEMGHDAPWDVDDL\*CCRTNVGHSLLWGTCVERCKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEKQHGRSDA\*GYNQFMGSKPKAMCKINSTLCYSKLH\*\*CGE\*Y\*YQ\*\*\*MG\*NGKRRNKELLFQYHHKHER\*DAETICTFL\*T\*CSTNKGR\*E\*YQ\*LYRL\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPSWFCASKM\*G\*EIQWNRTM\*KC\*HSTMYTWN\*ASSINSAATKWQSSRRRGSNKI\*EFLEQC\*NHNSTAEYICRNKVYKTQQQYKKRYTYRTRESILYNRRYNRRYKTSTL\*H\*\*TKLD\*HFKTDS\*KVKRTIWEKNNSL\*\*LLRRGSRNCNAHF\*LCRGIFLL\*YSRTV\*\*YLVCKWYLVCKWYK\*YWRGKQD\*YHTPMQNKTIYKHVAGSRKSNVCPSHQWTD\*MCIKYYRTAINKRWWSGQSDRQPD\*DLQTCRRRYEEQLEK\*II\*I\*SSKN\*TIRNSTHQGKKESGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ICG\*HLGKHDLDAVG\*RNQ\*LHKFNIHLN\*RIAKPTRKE\*TRIIGIR\*MGRFVELVQHNKMAVVYKNIHNDSRRLGRFKNSFCCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.1997.KT124770.acute\_infection

MEPVDPRLEPWQHPGSQPKTACTPCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQGSETHQASLSEQ\*VVPVMQSLEIFAIVALVVAAIIAVVVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*CCRSIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSNGKCDRKF\*HVEK\*HGRADA\*GYNQFMGSKPKAMCKINPTLCHFKLHCC\*YH\*W\*HY\*YH\*G\*Y\*YHPHY\*\*SYYYPWY\*RGHEKLLFQYHHRPKR\*SAKRICITL\*A\*YSTNR\*\*\*Y\*L\*IDKL\*HLKHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*\*\*DVQWKWTMYKC\*HSTMYSWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAE\*NCKN\*MYETQQQYKKKHTYRTRESILYNRRYNRKYKTSTL\*RY\*NRME\*GFKTDSYKIRRTIWK\*NNKISATLRRGPRDCNAQF\*LWRRIFLL\*YIKTV\*\*YLGVE\*\*YQRLE\*Y\*NVK\*H\*RKWNYHSPMQNKTNCKYVAGSRKSNVCPSHQRTN\*MFIKYYRVAINKRWWLQHQQ\*QRDLQTWRRRYEGQLEK\*IIQI\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAAGY\*GTTASVETHSLGH\*AAPGKSPGCGKIPKGSTAHGDLGLLWKTHLHHYCALEY\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLHK\*DIYLTSRIADPTRKE\*TRIIGIR\*VGKLVELV\*YNTLAVVYKNIHNDSRRPDRFKNSFCCTFYSEKG\*AGIFTIIVSDPPPRPQGTRQARRNRRRRWRERDRTIRAI

>B.1998.KT124771.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFTKKALGISYGRKKRGQRRRAPPDDQTDQASLPKQ\*VVYVMQSLTVLAIVALVVAVIIAIVVWSIVFIEYRRIRKQKKIERLIDRIIERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*CCRRTIVGHSLLWGTCVERSNHHSILCIRC\*SIRCRGT\*CLGHTCLCTHRPRPTRISTECDRRF\*RMEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*VEG\*Y\*YQYSYYHCY\*\*REQYSGGSRYEKLLFQNHHRCKR\*NAERICTFL\*T\*CSINKE\*\*Y\*L\*VDKL\*HLSHYTGMSKGIL\*ANSHTLLCPGWFCDSKM\*\*QKVRRKRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRSSN\*I\*QFHRQC\*DHNSTAEYTCKH\*LYKTQQQYKKKYTYRTRESILCNRRHNRKYKTSTL\*H\*\*KRME\*HVKICS\*KIRRKI\*\*NKNSL\*AILRRGPRN\*NAQF\*LWRGIFLL\*YNRPV\*\*NCGKKYYLA\*GKRHRRK\*K\*NNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MYIKHYRTTINKRWWE\*\*\*Y\*\*YRDL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSTVPWVLGSSRKHYGRSVIDVDGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGH\*AAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHYCALE\*ELE\*ECISG\*DLE\*HDLDAVGKRN\*KLHRHNI\*ITS\*IANPTRK\*\*TRIIEIGYMGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKDSFCCTFYSK\*S\*AGILTLVVSDPPPNPEGTRQARRNRRRRWRERQRQIRSL

>B.2010.KT124772.acute\_infection

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFITKGLGISNGRKKRRQRRRPPQDSQTHQASLSEQ\*VVNVMQPLTLLAIVALVIAAILAIVVWTIVYIEYRKIKRQKKIDRIINRIIERAEDSGNESEGDQEELSALVDMGHDAPWNVDDL\*YCRSIVGHSLLWGTCVERSDHHFILCIRC\*SI\*SRST\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLRYFTLH\*YEYYYQ\*\*AYHYP\*AHSEWRRTDGKRRTKKVLFQCYFKRKG\*GAATICTFL\*T\*FSTNR\*\*\*\*\*\*Q\*\*\*\*QL\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPCWFCDSKV\*Q\*DIRWKRTMYKCQHSTMYTWN\*ASSINSTIVKWQSSRGRGSN\*I\*QFLEQC\*NHNSTAE\*ICSN\*LYKTQQ\*YKKKYTYRTRESNVYSRRNNRRYKKSILYH\*\*NRLE\*HFRKDS\*KIKRTIWG\*\*NNKLQALLRRGPRNYNAQF\*L\*RRILLL\*YIKIVQ\*YLA\*E\*\*YSLRKCHREYHTPM\*NKTIYKHVAGSRKSNVCPSRQRKN\*LCIKYYRDTFNKRWR\*\*QHREQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRTGTHQGKEKSGAERKKSNNAGSYVPWVLGSSRKHYGRSVDDADGTGQTIIVWYSATAKQLAESY\*GATTSVAAHSLGHQAAPGKSPGCGKIPKGSAAPRNLGLLWETHLHHCCALEC\*LE\*\*ISK\*NLE\*HDLDAVGERN\*QLHKLNILPN\*GIAKPTGKE\*TRLIGIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFYSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRRKQRQLHKI

>B.2011.KT124773.acute\_infection

MEPVDPSLEPWKHPGSQPKTACTNCFCKKCCYHCQVCFLKKGLGISYGRKKRRQRRRSPTGSKDHQVPLSKQ\*VIYVMQTLVVVAIVALAVAVILAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDEETLAAMLDRGHLAPWNVDDL\*C\*Q\*G\*RHVGHSLLWSTCVERSRHHFILCIRC\*SIRYRGT\*CLGYTCLCTHRPQPTRSSIIKCDRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKTMCKINPTLCHFKVH\*CHCP\*\*YHCQ\*YYRRNEKLLFQHHHKYKG\*GEERICFIP\*P\*HSTNRR\*\*EEYEWL\*\*L\*INKL\*YLSHYTGLSKDLL\*ANSHTLLCPGWFCAF\*M\*Q\*DI\*WKRTMYKCQLSTMYTWN\*ASSVNSIAVKWQFSRRGGSN\*I\*KFHKQC\*KHNSTTE\*ISNNYLYKAWQQYKKKYTYRTRESILCNRRYNRGYKTSTL\*H\*\*SRME\*HFKTDSYKIRRTI\*HDYNSLSATHRRRPRNCNAQL\*L\*RGIFLL\*YNTTV\*\*YLG\*\*YME\*Y\*RNEQHQHHTPMQNKTDCKHVAGSRKSNVCPSHQRKYYMCIKYYRGAINKRWWT\*WIK\*DLQTCRRRYEG\*LEK\*II\*I\*NSKN\*TIRNSTHQGKKESGAERKKITNTGSFVHWVLGSSRKHYGRSVTDADGTSQAIIVWYSATAEQSAEGY\*GATTHIATHGLGHQTAPSKSPGCGKIPT\*STAPRDLGVFWKTHLHHCCALEH\*LE\*\*IL\*\*HLGEHDLDGVG\*RNCQLHKLNIHLN\*GRAEPARKE\*TRIIRIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTNIVADPPPSSEGTRQARRNRRRRWRDRQRRIVEI

>B.2008.KT124774.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTSCYCKKCCYHCQVCFITKGLGISYGRKKWRQRRRAPEDSKTHQDHLSKQ\*VVYVMHSSIILTIVAFVVAIILTIVAFVVIIIEYRKIRRQRKIDRLLDRIIERAEDSGNESDGDQEELSAILEMGHLAPWVINDE\*GRRRVVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRGT\*CLGYTCLCTHRP\*PTRSGIEKCDRKF\*HVEK\*HGRTDA\*GCN\*FMGSKLEAMCKINSTLCHFKLH\*LCYFKLH\*FKK\*Y\*WN\*Y\*YYYEY\*\*RNERRDKKLLFQYHNKHK\*GTERICIF\*\*P\*CSTK\*\*C\*RQWHI\*VNKL\*YLSHYTGLSKDIL\*ANSYTLLYPSWFCDSKV\*\*\*NF\*WIRTMYECQHSTMHTWN\*TSSVNSTTVKWQSSRRRNSN\*V\*EFHEQCKSYNSTTK\*ICSN\*LHKAQQQYKKRDTPRTRANLLCNRSHNRRYKTSTL\*H\*\*GKLE\*YFKKNS\*EVKKTIW\*E\*NNSL\*SILRRGPRNCNAHL\*LWRGIFLL\*YIKTV\*\*YLA\*\*WYCRVK\*Q\*QYKYHTPMQNKTNCKHVAGSRKSNICPSHQRTN\*MFIKHYWAAINKRWW\*\*HHQWDRDLQAWRRRYEGQLEK\*IIQI\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAKQFAEGH\*GATTSVATHSLGH\*TAPGESPGCGKIPKGSTAPGDLGLLWKAHLHHYCALEC\*LEQE\*KPE\*YLE\*PDLDAVGKRN\*QLHRLNIQFN\*TIANPTRKE\*TRLISIGKVGKSMELV\*HN\*LAVVYKNIHNDSRRLDRFKNSFCYTFYSE\*S\*AGILTIIVADPLPSPEGTRQARRNRRRRWRERQRQIRQI

>B.2011.KT124775.acute\_infection

MEPVDHNLEPWKHPGSKPKTDCTKCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQGSETHQVPLPKQ\*VYM\*CNLYK\*\*QLYH\*\*\*\*Q\*\*Q\*LCGP\*CS\*NIGKY\*DKGE\*IG\*LIE\*GKEQKTVAMRATGTRTNYLKRWGIMLLGMLMICSATEKLWVTVYYGVPVWREANTTLFCASDAKAYDTEAHNVWATHACVPTDPNPQEVYLVNVTENFNMWKNDMVEQMHQDIISLWDQSLKPCVKLTPFCVTLNCSNANVTNNSSVGERDEIKNCTFNITTGIKNKVQKEYALLYKLDIMPIDNDNTSYTLINCNTSIITQACPKVSFEPIPIHFCTPAGFAILKCNDEGFNGTGPCGNVSTVQCTHGIRPVVSTQLLLNGSLAKGEVVIRSENFTDNTKTIIVQLNETVKINCTRPNNNTRKSIHIGPGRAWFATGDIIGDIRQAHCNLTGSEWRKTVQRISAKLGEKYNKTIKFNQSSGGDPEIVMFTLNCGGEFFYCNTTQLFNETWINSNSTGSNSSITLPCRIKQIINRWQEVGKAMYAPPMQGQISCSSNITGLLLTRDGGGGNGTNNTETFRPGGGDMRDNWRSELYKYKVVRIEPLGVAPTKAKRRVVQREKRAVGTIGAMFLGFLGAAGSTMGAASVMLTVQARQLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTTVPWNASWSNKSLDMIWNNMTWMDWDREINNYSNLIYSLLEESQNQQEKNEQELLELDKWDSLWNWFSITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTHLPTQRGPDRPGGTEEEGGERDRDRSEPL

>B.1999.KT124776.acute\_infection

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQIHQASLPKQ\*VVHVMHSIQIAAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CSRTTLGHSLLWGTCVERSKYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSI\*CDRKL\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFTVQ\*CECHYQ\*CHCYQ\*\*\*WD\*CHC\*\*\*\*\*FGRRNRNEKLLFQYHHKYKR\*S\*ERICTFL\*T\*YSTNR\*Y\*L\*VDKL\*HLSHYPSLSKSII\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNGTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*ICQFLRQC\*NHNSAAKRICTN\*LYKTQQQYKKKYIHRTRESILCNRTNNRKYKTSTL\*P\*\*RRLG\*GSKPDS\*EIKRTIS\*\*NNSL\*AILRRGSGNCNAQF\*LWRGIFLL\*YNTTV\*\*YLE\*\*WYQE\*YK\*H\*DK\*YYHHTPMQNKTNYKHVAGSRKNNVCPSHQRTN\*LCIKYYRAIVNKRWWYKYHQRNLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKGGAKRKKSSGTRSSVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAK\*FAEGY\*GATTYVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGVLWKTHLHHCCALEY\*LE\*\*ISGSDLG\*HDLDGMGKRNWQLHRHNIQIN\*TIAEPARKE\*TRLIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRARQRQIHTL

>B.2002.KT124777.acute\_infection

MDPVDPSLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRKPPQDSQTHQASLSKQ\*VVHVMQSMYIIAIVALVVAIILAIVVWSIVFIEYRKIVRQKKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWNVDDL\*CYRTVVGHSLLWGTCVERSRHHSILCIRC\*II\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKI\*CVGK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFRLQ\*FT\*\*\*YH\*W\*YHC\*\*YH\*\*NHW\*NGNEKLLFQYYHKLKR\*DTESVCTFL\*T\*YSTNA\*G\*E\*QY\*L\*ADKL\*HLSHYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*\*\*DVQWKRRLYKCQYSTMYTWN\*ASSINSITVKWQSSRKRDSN\*I\*KFHEQR\*NHNSTIE\*NCRN\*LYKTQQ\*YKKKYIYRTRESILCNRRNNRKYKTSILYP\*\*NKME\*HFKKDSYKIKRTISE\*NNSL\*FILRRGPRSCNAHF\*LWRGIFLL\*LIKIV\*\*YLV\*\*DWGG\*\*YYSR\*QCRKWYNHNPMQNKTNYKHVAGSRKSNVCSSHQRTD\*MYIKYYRAAINKGWWRGRERDRGL\*TRGR\*YEGQLEK\*II\*V\*SSKN\*TIRNSTHQGKEKSGAERKKSSGDRSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQLAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NSGSDLE\*HDLDGVGQRSSQLHAINIYLNRRIAEPARTE\*KRIIGIR\*MGQFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGVLTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRTL

>B.2005.KT124778.acute\_infection

MEPVDPSLEPWKHPGSQPKTPCNNCYCKKCCLHCQVCFGKKALGISYGRKKRRQRRRAPQSSQNHQDPLPKQ\*VVYVMQSLEIASIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNDSDGDQEELSTLMVERGHLAPWDIDDL\*\*RQVVGHSLLWGTCVERCKHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKI\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLH\*YQYY\*NQ\*\*YGGNDGERRNKKLLFQYHHKQMGQDAENICTFL\*I\*CSTNK\*YR\*F\*L\*VDTM\*HLSHYTGLSKGIL\*ANSHTLLCPGWLCDYKV\*Q\*AVQWNRTMYKCQHNTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAEGTCTN\*LYKTQQ\*YKKEYTYRTRESILCNRRYNRTHKKSIL\*R\*\*NKME\*HFTTGSYKIKSTIWE\*NNSL\*ALLRRGPRSGNAQF\*LWRGIFLL\*YVTTV\*\*YLAGE\*H\*KVKQN\*RVRQH\*SNHTPV\*NKTNYKHVAGSRKSNVCPSHRRTN\*LFIKYYGATINKRWWLQ\*Y\*PERDLQTWGRRYEGQLEK\*II\*I\*SSKN\*TIRSSPHQGKEKSGAKRKKSSGIRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAKQFAEGY\*GATPSVATHSLGHQTAPGKSPGCGKIPKGSTASRNLGLLWKTHLHHCCALEC\*LE\*\*IYG\*HLG\*HDLDGVGKRN\*QLHRLNIHLN\*RIAEPARKE\*TRIIGIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAFYSK\*S\*EGILTIIISDPLPSPEGTRQARRNRRRRWRRRQNQIRSL

>B.2010.KT124779.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRPPQDSKTHQASLSKQ\*VIHVMIPLQIAAIVALVVVTIIAIVVWSIVLLEYRKILRQRKIDKLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YCRTIVGNNLLWGTCVERSKHHSILCIRC\*SI\*YRDT\*CLGHTCLCTHRPQPTRSSIGKCDRKFQHVEK\*HGRTDA\*RYNQSMGSRPKAMCKINPTLC\*VKLH\*CEE\*Y\*Y\*YD\*Y\*YDKLHFQYYHKIRRD\*ARKGDF\*\*T\*CSTNK\*WDKNG\*\*DI\*DI\*VNTL\*HLSHFTGLSKDII\*ANSHTLLRPGWFCDSKM\*\*\*EVQWNRTM\*KRQHSTMYTWN\*TSSVNSTAVKWQSSRRRDSN\*I\*KFHKQC\*NHNSTAE\*ICTD\*LYKTQQQYKKKYTYRTRESILCNRRYNRKYKTSTL\*PFKNTME\*YFKPGSYKIKGTI\*E\*NNSL\*SILRRGPRNCNA\*F\*LWRGIFLL\*YNTTV\*\*YLE\*CYLE\*DYRFK\*HDYTPM\*NKTNYKQVAGSRKSNVCPSHPRTNKVFIKYYRVAINKRWW\*RD\*RDRGLQTYRRRYERQLEK\*II\*I\*SSSN\*TIRNSTHQGKEKSGAERKKSGDTGSYVPWVLGSSGKHYGRSVSGADGTGQTIIVWYSATAEQYAEGY\*GTTAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCCALEC\*LE\*\*ILFRHLGKHDMDGVGKRNR\*LHKFNIHLN\*RIAEPARKE\*TRIIGIR\*VGKFVELV\*YNRMAVVYKNIHNGNRRLDRFKNSFYCTFYSEQS\*AGILTIVIPDPPPSPEGTRQARRNRRRRWRERQRHIQAI

>B.2010.KT124780.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTDQASLPKQ\*VVHVMQPLYIVTIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNDSDGDEEELAAFMDRGHDAPWVINDL\*YRTVVGHSLLWGTGVERCKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRSRPTRSRIGKCDRKF\*YVEK\*HGRTDAGRYN\*FMGSKPKAMCEINPTLCYFKLH\*LEFYSQY\*CYSDQ\*\*\*WDKYSGRRNKKLLFQCLHKGKK\*GNKRICTFLYT\*CNANR\*YKLYIDKL\*HLSHYTCLSKGIL\*AHSHTLLCPCWFRDSKV\*R\*EVQWNRTMYKRQHSTMYTWN\*ASGLNSTAVKWQSSRRRGRS\*ISRFLR\*C\*NHNSTAERICRN\*LYKTQ\*QYKKKYKYRTRESILCNRRNNRRYKTSTL\*H\*\*SKME\*HFRTNS\*KIKGEI\*E\*NNCL\*SILRRGPRNCNAHF\*LWRGIFLL\*HNTTI\*\*YLVS\*\*YLE\*Y\*E\*Y\*RVK\*YNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYYRDDINKRWW\*\*WD\*HRDRDLQTPRRKYEGQLEK\*IV\*I\*SSKS\*TIRSSSH\*GKEKGGAERKKSSRNGSLVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAEGY\*GAAAPVATHSLGHQAAPGKSPGCGKIPKGSTALGNLGLLWKTHLHHCCALEY\*LE\*\*KLQSDLG\*HDLDGVGERN\*QLHKNNIHLN\*RIAKPTGTE\*KRLIGIGSMGKFVELVYHNKVAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRQRQRNIRWI

>B.2003.KT124781.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCYHCQVCFLKKGLGLSYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMQSLEIASIIALVVSAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*YRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCNFKLH\*C\*PGDY\*DL\*\*\*PGNEKLLFQGQPRHKRQDAERTGTFLCT\*FSTNK\*YKW\*\*YQIYINKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWNRTLYKCQHSTMYTWN\*ASSINSIAVKWQSSRRRDSN\*I\*KLHRPF\*KHNSTAERYCKHYLYKTK\*QYNKKYTYRTRESILCNRKDNRRYKTSIL\*H\*\*SKME\*HFKTDSYKIKKTIRTILE\*NKNNSL\*SLLRRGLRNCNAHL\*LWRGIFLL\*FNTTV\*\*\*MVR\*\*YLE\*C\*RRKCHNHTPMQNKTNCKHVAGSRKSNVCTSHQRSN\*LYIKYYRTDINKRS\*\*G\*CNLHLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHYSQEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGKSPGSGKISKGSTAPGDLGLLWKTHLHHCSTLE\*\*LE\*\*IFE\*DLE\*HDLDGVGKRN\*QLHRLDIQLT\*TIAKPTGQE\*TRLIGIK\*MGQFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRSI

>B.2009.KT124782.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMKKGLGIYYGRKKRSQRRRPHQDSRTHQGSLPGQ\*VIHVMLPLNIVAIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLEMGHDVPRDINDL\*CSPLVGYSLLWGTCVERCKYYSILCI\*C\*GI\*YRGT\*CLGHTCLCSHRSQPTRNKVGKCDRKF\*HVEK\*HGRTNARGYN\*FMGSKSKTMCKINPTLCYFELH\*SEE\*Y\*YH\*CH\*\*\*\*DGKRRNEKLLFQYHQRQKW\*EAERICTFL\*T\*CSTIR\*GKK\*\*\*QFYQL\*VDKLQHLSHYTGLSKGILSANSHTLLCPSWFCDSKV\*RQEV\*WNRTMYRCQHSTMYTWD\*ASSINSTAVKWQFSRRRDSD\*ICKSHGQY\*KHNNTPEGTCTN\*LYKT\*QQYKKEYTHGTRKSILCNRRHNRRYKTSTLYH\*\*NGMEQHSKTGSYKIKRKI\*E\*NNNL\*SLLRRGSRNCKSQF\*LWRGIFLL\*YNTAV\*\*YLAE\*\*YLELY\*\*QRKYHTPMQNKANYKPMAGSRKSNVCQSSQRTN\*LSIKYYRTDINKRWWC\*\*\*QQ\*DL\*AWGRRYEGQLEE\*II\*I\*SSKN\*TIRIGTHYGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTITVWYSAAAKQFAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPGNLGMHWKTHLHHYCALEC\*LE\*\*ISG\*DLGEHDLDAVG\*RN\*QLHKSNILLT\*EIAKPARKE\*TRIIGIRSVGNFVELV\*HIKMAVVYKNIHNDSRRLNRFKDSFYCTFYSE\*S\*AGILTIVITDPPPSNEGTRQARRNRRRRWRERQRHIHKT

>B.2010.KT124783.acute\_infection

MEPVDPRLEPWNHPGSQPKTACTNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRGPPQDNQAHQVPLSKQ\*VVYVMQASQLQIAAIIALVVATIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVDDL\*CYRTIVGHSLLWGTGVERSNHHSVLCIRC\*ST\*HRGT\*CLGHTCLCTHRP\*PTGSRIKKCDRKF\*YVEKQHGRTNA\*GYSQFMGSKPKAMCKINPTLCYFTLQ\*CECYYYQ\*\*YYQ\*\*Y\*QC\*FARGRRNERRNKKLLFQCHLQNNR\*EV\*RICTFL\*T\*CDTNRRRE\*YY\*LY\*L\*VNKL\*YLSHYTSLSKDNF\*TNSNTLLCPSWFCDYKM\*G\*EV\*WNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*KFHRQC\*NHNSTAE\*ICSN\*LH\*AQQQYKKKYTPSTRKGILCNRRYNRRYKTSTLYH\*F\*TME\*DFRTGS\*KIKRTIQQNNSL\*PILRRGPRNCNAQF\*LCRRIFFL\*YNQIV\*\*HLVWECKLLK\*NGRR\*YHTPMQNKTNYKHVAGSRKSNVCSSHQRTN\*MFIKYYRDTINKGWW\*EREQQH\*DLQTWRRKYEGQLEK\*II\*I\*SSKD\*AIRSSTHQGKTKSGAERKKSSRTRSCVPWVLGSSRKHYGRSGSDADGTGQTIIVWDSATAEQSAKSY\*GATASVATHSLGHQTAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCTLEY\*LE\*\*ILWRHLE\*HDLDGMGERN\*QLHRPNIHLT\*KFAEPARQE\*TRIIGIG\*VGQFVELV\*HNKLAVVYKNIHNDSRRFSRFKSSFYCTFYSEKS\*AGILTFIVADPPPSPAGTRQARRNRRKRWRNRQSKINEI

>B.2012.KT124784.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSKTHQGPLSKQ\*VVHVMSPLQILAIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIIERTEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGHSLLWGACVERCIHHSILCIRCKSI\*ERGA\*CLGHTCLCTHRPQPTGSSIGKCNRKI\*HVEK\*HGRPDA\*GCNQFMGSKPKAMCKINPTLCYFKLH\*LSG\*CYYYQ\*\*\*\*\*\*SKKLLFRHHHKHK\*EGERICTFL\*I\*CNTNK\*\*\*\*\*Y\*L\*VAKL\*HLYHYTGLSKGIL\*ANSHTLLCPGWFCNYKV\*\*\*EVQWNRTMYKCEHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*V\*EYYK\*S\*NHSSATESICRN\*LYKTQ\*QYKKKYTYGTRESILCNRRNNRRYKTSTL\*Y\*QSKME\*HLENDSWKITRTIWGK\*NNNL\*ATIPRRGPRNFNAQF\*LWRGILLL\*YIKTV\*\*HLEHY\*YSELY\*AKHH\*KGKHHTPMQNKTNYKHVARSRKSNICPSHRRNN\*MHIKYYRAANNKRWWWERNREQ\*NLQTCRRGDEGQLEK\*VI\*IQSSKS\*TIRNSTHQGKEKSGAERKESSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQFAEGY\*GAAASVATHSLGH\*AAPGESPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISE\*DLGEHDLDAVGKRN\*QLHRGNIQIT\*RLAKPARKK\*TRLIGIR\*MG\*SMELV\*HNKLAVVYKNIHNGSRRLSRFKNSFCCTFYNK\*S\*AGLLTLIISDPLPSPEGTRQARRNRRRRWRERQRQIHQI

>B.2012.KT124785.acute\_infection

MEPVDPRLEPWKHPGSQPKTPCTKCHCKKCCYHCQVCFLTKGLGIFYGRKKRRQRRRAHQDSQANQVSLSKQ\*VIYVMQPLQIAAIVALVVTAIIAIIVWTIVALEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDRGHLAPWDIDDL\*CYRRKIVGHSLLWGTCVEGSNHHSILCIRCQSI\*NRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRPDA\*GCNQFMGSKPKAMCKINPTLCYFELQ\*CKQ\*H\*W\*RHYW\*RYC\*SGDDRRNKKLLFQCLHI\*I\*KRQDAEKICIFL\*A\*CSTSR\*\*\*SYL\*IDKL\*YLSHYTGLSKDIL\*ANSHPLLCPGWFCDSKM\*\*\*KVQWNRTM\*KCQHSTMHTWD\*TSSNNSTAVKWQPSRRRSSNQI\*KCHRQC\*NHISTVE\*LCKN\*L\*KT\*QQYKKRYTYRTRESSLCNRRHNRRYKTSALYP\*WNKMA\*HFKTGSCKIKRTI\*K\*NNNL\*PTTPRRGFRNCNAHF\*LWRRIFLL\*YNKTV\*\*YLE\*N\*NSEWHWNK\*NNHTPM\*NKTNYKQMAGSRKSNICPSHCGAN\*LFIKYYRTVINKGWW\*\*\*NH\*DLQTWRRKHEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKGGAERKKSSGTRSYVPWVLGSSRKHYGRSVDNADGTGQTIIVWYCAAAEQSAEGY\*GATASVATHGLGHQTAPGKNPGCGKIPKGSTALRDLGLLWKTHLHHYCALEH\*LE\*\*KL\*GNLE\*HDLDAMGKRN\*\*LHKLNIQLN\*RIAEPARKE\*ARIIGIG\*VGKFVELV\*YNKLAVVYKDIHNDSRRFGRFKNSFYCTFCSK\*S\*AGIFTIIVADPPPSTEGTRQARRNRRRRWRERQRQIHKI

>B.2012.KT124787.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFMKKALGISYGRKKRRQRRRPPQGGPAHQVSLSKQ\*VVYVMQLLILAIVALIVAVILAIVVWTIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEDLSAMLEMGHAAPWDVNDL\*CNRKIVGHSLLWGTCMERSRHHFILCIRC\*GTGNRGT\*CLGHTCLCAHRPQPTRSSIGKCDRRL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*SKCY\*YQ\*\*\*C\*EYQ\*\*YDRWRRNEKLLFQCHHKPKG\*DGERICTPV\*T\*YSTNR\*\*\*QQ\*\*L\*VDKL\*HLNHYTGLSKGILRANSHTLLCPGWFCDSKV\*\*\*GF\*RNRNMYQCQHSTMYTWN\*ASCVNSTAAKWQSSRKRGSN\*I\*KFH\*QY\*KHNSTAEPIYIH\*LYKTQQQYKKKYTYRTRTSILCNRRYNRRYKTSTL\*H\*\*EGLV\*HFNTDSCKITKTRRI\*QNNSL\*SFLRRGPRNSNA\*F\*LWRGIFLL\*YNTAV\*\*Q\*HLAV\*\*HLE\*Y\*E\*\*Y\*E\*\*YHTPVQNKTNCKHVAESRKSNVCPSHQRTNLLCITNNRAAINKRWW\*\*\*SEQHRDLQTCRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSNARSYVPWVLGSSGKHYGRSGNDADGTGQTIIVWYSATAE\*SAESY\*GATASVATHSLGHQTAPGESPGCGKIPT\*STAPRDLGLLWKAHLHHCCALEY\*LE\*QIYRYDLAKHDLDAMGKGN\*QLHKLNIYLTRKIAEPAGKE\*TRLIGIG\*MGQFVELV\*YIKLAVVYKNIHNDSRRLGRFKNSFCCTFFSK\*S\*AGIFTLIITDPLPSSEGTTRQARRNRRRRWRERQRQIRSI

>B.2008.KT124788.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLRKGLGISYGRKKRRQRRRAPQDSETHQAPLSKQ\*VVYVMQPVQLTALQIAAIVALVVVGLIAIVVWTIVLIEYKKILRQRKIDRLLDRIVERAEDSGNESEGDQEELSALMEMGHHAPWDVNDQ\*CCRPIVGHSLLWGTCVEGSNNHSILCIRC\*SI\*CRGTQCLGHTCLCTHRPQPTRSATGKCDRKF\*HVEKRHGGPDAGGYNQFMGSKPKAMCKINPTLCHVRLL\*\*YH\*W\*YH\*\*\*WERYY\*WENNRGNEKLLFQYHHRTQR\*KAERICTFL\*T\*FSITR\*\*\*Y\*L\*VNKL\*HLSHCTGLSKDIL\*ANSHTLLCPGWLCDSKV\*\*\*NVQWERTM\*QCQHSTMYTWN\*TSSVNSTAVKWQSSRRRDSN\*IRQFHRQSENYNSTAE\*NCKN\*LYKTRQQYKEKYTSRTRERSLCNRRNNRRYKTSTL\*SEWSTMGKNFKTGSYKIA\*TV\*\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*HNTTV\*\*YLE\*W\*\*DTKL\*\*Y\*E\*WYNHTPMQNKTNYKHVAGSRKSNVRPSHQRTD\*LFIKYHRAVINKRWR\*RE\*WQQY\*DLQTWRRKYKGQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNNIRSCVPGVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQLAEGY\*GTTTSVATHSLGH\*TAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISEVYLGKHDLDAMGKRN\*QLHRINILLN\*RIAEPTGKE\*TRLIGIRSVDKFVELV\*HIKLAVVHKNIHNDSRRLNRFKNSFYCTFYSK\*S\*AGILTIIIADPPPNPEGTRQARRNRRRRWRQRQKHIASI

>B.2008.KT124789.acute\_infection

MEPVDPSLEPWKHPGSRPKTACTNCYCKKCCYHCQMCFTKKALGISYGRKKRRQRRRASQDSQNRQVSLPKQ\*VVNVMQSQPLTILAIVALVVAAIIAIVVWTIVIIEYRKILRQRRIDRLLDRIRERAEDSGNESEGDQEELSALVERGHLAPWNVDDL\*CWRFVGHSLLWSACVERSNHHFILCIRC\*GI\*YRGT\*CLGHTCLCSHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNE\*RYN\*FMGSKLKAMCKINPTLCHLKLR\*CQELQRHWCYKL\*\*WRNQQYYWYWGIDGQRGNKKLLFQ\*HHKHRK\*GKERICTFL\*T\*CSTNG\*YG\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCSGWFCDSKV\*\*\*\*V\*WNRTM\*KCQHSTMYTWN\*TSGVNSTAVEW\*SSRRRRGNN\*I\*KYHR\*Y\*KHNSTAKCICRN\*LYKTQQQYKKKYTYRTRESILCNRYNRRYKTSTL\*Y\*\*SKME\*HIKKYSYKIKRTV\*QNNNF\*SILRRGPRN\*NAQL\*LWRGIFLL\*YNRAV\*RYLEWYFLECYYRAREYHTPMQNKTDYKQVAGSRKSNVRPSHQRTN\*MLIKYYRADINKRWWSECECDQRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEESGAERKKSSDTRSYVPWVLGSSRKHYGRSFIDADGTGQTIIVWYSATAKQLAEGY\*GAAASAATHSLGHQAAPG\*SPGCGKLPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*NSERHLG\*HDLDGMGQRN\*QLHKLNIQLN\*NITDPAGKE\*TRIVGIG\*VDRLVELV\*HIKLAVVYKNIHNDSGGLNRFKNSFYCTVYSE\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRHIQAL

>B.2012.KT124790.acute\_infection

MEPVDPRLEPWKHPGSQPSTPCTKCYCKQCCYHCQVCFISKGLGISYGRKKWRQRRRSPEDSQTHQADLSKQ\*VVYVMQPLQIAAIVALVVAALLAIIVWTIVYIEYRKILRQRRIDRLIDRIIDRAEDSGNDSEGDQEELSKLVDMGHLAPWDANEL\*C\*RKVGHSLLWGTGVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSTIRKCDRKF\*YVEK\*HGGPDA\*GYNQFMGSKPKTMCKINPTLCYFRLH\*CH\*C\*CQY\*Y\*\*HQC\*\*HRRTGGARSNKKLLF\*YHHKHER\*DAENTCTFL\*P\*CRTNR\*YYL\*IEKL\*HLSHYTGLSKGIF\*SNSHTLLCPSWFCDSKM\*\*\*DIQWKRTMYKCQYSTMYTWN\*TNSINSTAVKWQSSRRRGSNQICQFHRQC\*NHNSTFEKSCNN\*LYKTQQQYKKKCAYRTRKSILCNRHNRRYKKSTLYH\*WNRMEGSFKPDS\*KIKRTIWE\*NNDL\*SILRRRPRNSMAQF\*L\*RGIFLL\*YNTTV\*\*YLEWDKCYWRVKWYNYTPM\*NKTNYKHVAGSRKSNVCPSHQRTNYVLIKYYRDTVSKRWR\*\*\*\*YCERDLQTWRGRYEGQLEK\*II\*I\*GSKN\*TIRNSTHQGKAKGGAERKKSSGNRSCVPWVLISSRKHYGRSVSDADGTGQAIIVWYSATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLPHCCALE\*\*LE\*\*KSE\*YLE\*HDLDGVGQGNSKLHKLNIQLN\*RIAKPTRKE\*KRVIRIR\*MGKFVDLV\*HIKLAVVHKNIHNGSRRLGRFKNSFYYTFCSK\*G\*AGILTIVISDPPPSSEGTRQARRNRRRRWRERQRQIQRI

>B.2006.KT124791.acute\_infection

MEPVDPRLEPWKHPGSQPKTACSNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSPTHQVSISKQ\*VAYVMQSLQILAIVALVVAAILAIVVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSKLVEMGRLAPWDIND\*WCCRTIVGHSLLWGTCVERSKHHFILCIRC\*GI\*NRGT\*CLGHTCLCTHRPQPTRSSIGKCNRKV\*HVEK\*HGRTNA\*GYNQFMGSKLKAMCKINPTLC\*FKLY\*L\*EFKLH\*C\*\*QYQ\*RGKNGERRNEKLLFQYHHKHRK\*DAERICTFL\*T\*CSTNR\*Y\*\*YQI\*VNKL\*YLNHYTGLSKSHI\*TNSYTLLCSSGFCAAKV\*R\*EVQWNRTMYKCQHSTMYTWNQASGINSTAVKWQSSRRRSSN\*I\*KFHKQCQSHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRESILCNRGNNRRYKTSTL\*H\*WKKMGRNFRKDSCKITRTIWEYNNSL\*SLHRRGPRNYNAQF\*LCRGIFLL\*YNTTV\*\*YLE\*Y\*REK\*HKK\*HYHTPMQNKTNYKYVAKSRKSNVCPSHQGTN\*MFIKYYRVAINKRWW\*\*PK\*D\*DL\*TCRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHWGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVTDADGTGQTLIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKNPGCRKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*I\*GSDLE\*HDLDGVGKRN\*KLHRHNIQSN\*RIAEPTRKE\*TRIIRVG\*MGKFVELV\*YLKMVVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGIFTIVISDPPPSPAGTRQARRNRRRRWRERQRQIQSI

>B.2008.KT124793.acute\_infection

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFLKKGLGISHGRKKRRPRRRPPQGSPAHQVSLSKQ\*VIHVMTPLTIVAIVALVVVAIIAIVVWTIVLIEYRRILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDM\*CCRTIVGCSILWGTCVERCKHHSILCIRC\*SIFHRGT\*CFGHTCLCTHRPQPTRSNDGNSDRKF\*HVGK\*YGRTDA\*RYNQFMGSKLKAMCKINPTLCYFKLQ\*L\*SSSYQ\*\*\*C\*Q\*\*CCQQY\*\*GNEKRNKKLLFQYHHNNKR\*GDKSTSSFL\*T\*CSTNR\*\*\*\*\*\*\*HI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWRRTMYQCQHSTMYTWN\*ASSVNSTIVKWQSSRRRNSN\*I\*KFHR\*C\*NHNSTTERIHSN\*LYKTPQQHKKRYTYRTRASMVYNRRNNRRYKTSTL\*H\*\*SSME\*YFKKGSCKIKRKI\*GNNNNL\*SLLRGRPRSCIAQL\*LWRGIFLLQYNKTI\*\*YLE\*\*\*\*\*LGY\*GSGRVK\*QYHTPM\*NKTNYKHVAGSRKSNVCPSHPRKN\*MFIKHYRAIISERWWY\*QDE\*H\*NLQTSRRKYDGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNGSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQSAESH\*GATAYVATHSLGHQAAPGKDPGCGKIPKGSTAPRDLGLLWENHLQHCCALEY\*LE\*\*IS\*\*HLD\*HDLDRVGKRNWQLHKLNIHLT\*NSAEPARKE\*TRVIGIG\*LGKSVELV\*HNKMAVVYKDIHNDSRRLNRF\*NSFCCIFYSK\*S\*AGIFTIIIADPPPNPEGTTRQARRNRRRRWREKQRQIRSI

>B.2008.KT124794.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNTCFCKKCCFHCQVCFMTKGLGISYGRKKRGQRRRAPQDSKTHQTPLPKQ\*VVYVMITLQVVVAIVALVVAAIIAIVVWSIVFIEYRKIRRQKRIDRLIDRIAERAEDSGNESDGDQEELAALVERGHLAPWDVNDQ\*GRRTRTIMGHSLLWGTCVERSKYHFILCIRC\*STPYRGT\*YLGHTCLCAHRPQPTRSSIGKCDRKF\*HVEK\*HGRANE\*GYNQFMGSKPKTMCKINPTLCYSKLL\*C\*YH\*\*\*YY\*\*\*YP\*LWYGTDG\*RRNKKLLFQHYHRDAR\*KEKRLCIILCT\*YSTNR\*\*\*\*Y\*L\*VDKL\*HLSHYTGMSKSNL\*ANSHTLLCPGWFCDYTM\*\*\*NVQWNRTMYKC\*HSTMYTWN\*ASSINSTTVKWKSSRKGGSN\*I\*KFHG\*Y\*NHNSAAE\*NCRN\*LYKTQQQYKKKYKYRTRESILCNRYNRRYKTSIL\*H\*\*SKME\*HFKTNSC\*IKNTIPK\*NDNL\*SILRRGPRNCNAQF\*LRRGILLL\*FNKAV\*QYLVS\*R\*\*\*\*\*Y\*WY\*EYY\*DHHAPMQNKASYKHVADSRKSNVCPSHQRNN\*LFIKYYRDTINKRWWYKPK\*K\*DLQTCRRKYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAERKKSSSGNRSCVPWVLVSSRKHYGRSGSDADGTGQTIIVWYSATAE\*SAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTALGDLGMLWKTHLHH\*CALEY\*LE\*\*I\*KSDLG\*HDLDAVGKRN\*QLHKLNIQLT\*RIANPTRNK\*ARIIVIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNLFCTFYSE\*C\*AGILTIVVADPPPSNEGTRQARRNRRRRWRERQRRIKDI

>B.2002.KT124795.acute\_infection

MEPVDPSLEPWKHPGSQPKTACTNCYCKACCFHCQVCFTTKALGISYGRKKRRQRRRAPQDSQTHQGSLPEQ\*VVYVMPALTILTILAIVALVIVGIIAIVVWTIVFIEYRKILRQRRINRLLDRIRERAEDSGNESEGDQEELSTLVEVEPHAPLVINAM\*C\*RKFVGHSLLWGTCVERSNHYSILCIRC\*SS\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTMHQ\*CDCH\*\*DSGQ\*\*\*\*CNRKHKRRSNKLLFQHNHKHKR\*SYERICTFL\*T\*CSRNK\*\*\*E\*\*QC\*KE\*\*F\*EL\*DDKL\*HLSHYAGLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWIRAM\*KCQHSTMYTWN\*TSSINSTAVKWQSSRRRGND\*ICQFLEQC\*SHHSTAE\*NYRNQLYKTWQQYKKKYTSRTREGILCNRRYNRRYKTSTL\*HQ\*RKMGECFRTDSYKIKRTIWK\*NNSL\*SILRRGPRDCNAHL\*LWRRIFLLQFNTTV\*\*YLELE\*Y\*KDK\*\*HWKKYHTPMQNKTSYKPVAGSRKSNVCPSHQRKH\*LFIKYYRATTNKRWWWGQ\*QDERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVTNADGTGQTITVWYSATAEQFAESY\*GTTASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHFCALEC\*LE\*\*ICR\*NLE\*HDLDAVGKRN\*QLYRINILLT\*RIAKPAREK\*TRIIGIG\*MG\*FMELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCIFYSEQS\*AGILTIIISDPPPSPEGTRQARRNRRRRWRARQRQIRSI

>B.2013.KT124796.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKNCCFHCQACFIKKALGISYGRKKRRQRRRPPQSSQTNQDHLPKQ\*VIDVMQALVIISIVALVVVTIIAIVVWSIVYIEYRKLVRQRKIERLIDRIRERAEDSGNESEGDQEELSALEMGHLAPWDVNDDL\*C\*KKVGHSLLWSACVERS\*YHSILCIRC\*GI\*YRGAQCLGHTCLCTHRP\*PTRNSTRKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMC\*INPTLCYFKLH\*LGGEYY\*C\*YH\*W\*CH\*SGNGQRRNKKLLFQCYRTHKR\*GAKRKCIFL\*K\*CSTNI\*G\*\*Y\*\*YL\*NL\*VDKL\*HLSHYTSLSKDNL\*TNSHTLLCPGWFCDYKV\*\*\*EIQWNRTMYKCQYSTMYTWN\*ASSINSTAVEWQSSRRGSSN\*IYQFLRQC\*KHTGTTE\*ICTN\*LYKTQQQYTQKHTYRTRESILCNRRHNRRHKTSTLYA\*CNKMGEHFRKDS\*KIK\*TI\*\*KYNL\*APLRRRSRNCNAHF\*L\*RGIFLL\*FNKTV\*\*YLE\*NRVK\*HFKWHSHTPMQNKTNCKYVAGSRKSNVCPSHRRAN\*LCIKYYRADINKRWWY\*\*H\*DLQTWRRGYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEENGAKRKKSSGTRSCVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGHQAAPGKTPGCGKIPAGSTAPGNLGLLW\*THLHHYCALE\*QLE\*\*IFGKHLG\*HDLDAMGQRN\*QLHKNNIHLN\*TSAEPTRKE\*TGIIGIG\*MGKLVELV\*HNKLAVVYKNIHNDSRRFDRFKNSFCCTVYSK\*S\*AGIFTIIVADPPPSTEGTRQARRNRRRRWRERQRQVRAI

>B.2010.KT124797.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCLHCQVCFMQKGLGISYGRKKRRRRRRAHQHCQTNQDPLPKQ\*VVYVMQPLVIAAIVALVLAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRLIERAEDSGNESDGDQEALAEMGYHAPWVIDDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*ARDT\*CLGHTCLCTHRPQPTRSTFRKCDREL\*HVGQ\*HGRTDA\*GHNQFMGSKPKAMCKINPTLCYFKLY\*LSNE\*Y\*\*Y\*\*\*\*\*HTGERRNKELLFQYHIRRHKR\*GENRICSFL\*T\*SSTNRG\*\*\*\*\*\*L\*DNKLQYLSHYPGLSKGIL\*ANSHTLLCPSWFCDSKV\*\*QGVQWNRTM\*KCQYSTMYTWN\*ASSINSTTIKWQSSRKRGNN\*IKKFLG\*\*\*NHNSASE\*INNN\*LYKAWQQYKKKYTYRTRESVLCNRYNRRYKTSTL\*H\*\*NRME\*DFTKNS\*\*TR\*EINK\*NKNNL\*SILRRGPRDCKT\*F\*L\*RRIFLL\*YIKTV\*\*YLD\*\*WYLDYK\*YW\*WD\*\*Y\*RVRYHAPMQNKTNCK\*VAGSRKSNVCPSYQWIY\*MFIKYYRDTINKRWW\*\*REYHRYRDLQTWRRRYEGQLEK\*II\*I\*SSKT\*TLRNSTHQGKEESGAERKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAKQLAAGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LEQ\*IL\*\*HLG\*HDLDAVGKRN\*\*LHKLNIHFN\*RIPEPARKE\*KRIIRIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYNE\*S\*AGVLTIVVADPPPSSEGTRQARRNRRRRWRARQRQIHSI

>B.1999.KT124798.acute\_infection

MEPVDPRLEPWKHPGSQPRTPCTPCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDCQTHQVSLSKQ\*VVYVMQALTIAAIVALVVAIIIAIVVWSIVLIEYRKILRQRKIDRILDRIRERAEDSGNESEGDQEELSALVEMGRLAPWNVDDL\*CYRKIVGHSLLWGTCVERSKHYFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSNNGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*YRECY\*FQ\*\*RRDANRERRNEKLLFQYHHTLK\*KERNECNF\*\*P\*CSINR\*\*\*\*YYHY\*\*Y\*L\*VEKL\*HLNHYTGLSKNIL\*ANSHTLLCPGWFCDSKMQ\*\*DVQWKRTM\*KCQHSTVYTWN\*ASSINSTVVKWKSSRRRGNS\*ICKFLRQC\*NHNSTDEHICSN\*LYKAQQQYKKKYKYRARESILSKRHNRRYQTSTL\*HQWKTLE\*HFKTGS\*KIKKTIWGK\*NNSL\*SFLRRGPRNCNAQF\*LWRRIFLL\*YNTTV\*\*YLEAYLE\*C\*REQ\*Y\*\*KYHTPM\*DKTNYKHVAESRKSNVCPSHPRRN\*MFIKYYRAAINKGWWY\*QQHE\*HHRDLQT\*RRRYEG\*LEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSSGLRSYVPWVLGSSRKHYGRSIINADGTGQTIIVWYSATAEQFAESY\*GATASVAAHSLGHQAAPGESPGCRKIPKGSTAPGALGLLWKTHLHHYCALEC\*LE\*\*ISE\*NLGEHDLDAVGKRN\*QLHKFDIHLN\*RIAESTGKE\*TRLIGIR\*MGKFVELVQHIKLAVVYKIIHNDSRRLDRFKNSFLCAFYSE\*S\*AGILTYIISDPPPSPAGTRQARRNRRRRWRERQKQIQSL

>B.2001.KT124799.acute\_infection

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCFHCQVCFIQKALGISYGRKKRRQRRRPPQDSETHQTSLSKQ\*VVHVMQALVPLAIVALVVAVIIVIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELLMEMGHDAPWDINDL\*CRQFVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRGT\*YLGHTCLCTHRPRPTRSRLDKCDRRV\*HGEK\*HGRPDA\*GYNQSMGSKPKAMRKINPTLCYFILH\*C\*E\*H\*YYHGREKRNKKLLFQYHHNDER\*GAETICNF\*\*S\*CSTNRGG\*\*YQWDQLFQL\*VEKL\*HLNCYTGLSKSIL\*TNSNTLLCPSWFCDSKM\*R\*AVQWNRTMYKCQHSTMYTWN\*ASSINSAAVKWQSSRRRSSN\*I\*KFHRQC\*KHNSTAE\*TCRN\*LYKTQQQYKEKCTSRTRESILYNRRYNRRYKTSILYH\*WNKME\*HFTPDS\*KIKRTIWE\*\*NNSL\*SILRRGPRNCNA\*F\*LWRGILLL\*FNTTV\*\*YLECY\*RVI\*HWRKWHDHTPM\*NKTNYKYVAGSRKSNICPSHRRTNYLFIKHYRANINKRWW\*RWW\*CDEPGRNLQTRRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKRYGTRSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISRADLG\*YDLDAVGKRN\*QLHRLNIYLT\*KFAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCAFYSE\*S\*AGIFTIVVSDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2008.KT124800.acute\_infection

MEPVDPRLEPWRHPGSQPSTPCTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPPDNQNHQVPLPKQ\*VAYVMQSLQLAAIVALVIASIIAIVVWIIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDM\*CYRKTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRNF\*HVEKSHGRTDA\*GYN\*FMGSKPKAMCKTNPTLCYFKLY\*\*IQCF\*YLKWY\*\*ECK\*GNRYEKLLF\*CYCGNTG\*GKERICTFL\*P\*YSTLRG\*\*\*HL\*VDKL\*YLSHYTGLSKGNF\*ANSHTLLYPSWICTSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRNSN\*I\*KFHK\*C\*NHNSAAECNYKN\*LYKA\*\*QHKKKYTYSTRKSILCNRTNNRRYKESTL\*H\*WRNME\*HFKKDSCKIKGAIWAE\*NNSL\*TILRRGPRNYNAHF\*LWRGIFLL\*YNTTV\*Q\*LDD\*\*YWE\*\*YGD\*\*YYGD\*\*YYHPPMQNKTNYKQVAGSRKSNVCPSY\*RTNQLFIKYYRAAINKRWWRQQRDRNHRNL\*AWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSDRSCVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSAAAEQSVESY\*GATAPVATHSLGH\*AAPGESSGCGKILKGSTAPGNLGMLWKAHLHHCCALEY\*LE\*\*ISE\*HMG\*HDLDGVGKRD\*QLHRHNI\*SA\*KITNPTRTE\*TRIIGIR\*MVKFVELV\*YNTVAVVYKNIYNDSRRFDRFKNSLCCACYSE\*S\*AGVLTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIQSL

>B.2007.KT124801.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTNCYCKRCCLHCQVCFMKKGLGISYGRKKRRQRRRASQDYQAHQNSLSKQ\*VVHVMSPLQVAAVVALIVAAILAIVVWSIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHDAPWDINDL\*CCRSNVGHSLLWGTCVEKCNHRSLLCIRC\*SI\*DRGT\*CLGHTCLCTHRSQPTRNGIGKCDRIL\*YVEK\*HGRSDA\*GYN\*FMGSKPKAMCKINPTLCYLKLH\*\*Y\*QYH\*\*\*QDHYRERRNKKLLFQCHHKYKR\*DAKRICTVL\*T\*CSTNRWE\*\*\*Y\*\*LYKL\*VRKL\*HLSH\*AGLPKNIL\*TNSHTLLCPGWFCDSKM\*\*\*KIQWKRRM\*QCQHSSMYTWN\*ASSINSTAVKWQPSRRGGSN\*I\*QFLEQC\*NHNSTVESICSN\*LYKTQQQYKKKHTYSTRECILCNRRYNRRYKASTL\*P\*\*KSMEQHIKTGS\*KIRRGISE\*NNNLYEILRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLD\*E\*WYRV\*WV\*WH\*RK\*HNHTPMQNKTNYKHVAGSRKSNVCPSY\*RTN\*MLIKYYRTDINKRWGSKKREY\*\*DLQTRRRKYEGQLEK\*II\*V\*SNKN\*TTRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSATAKQFAESY\*GATTYVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*NSGTDLG\*YDLDAVGKRN\*QLHRNNIHFA\*KIAKPTRKE\*TRVIGIGQMGKSVGLV\*HNKLAVVYKDIHNYSRRLDRFKNSFCCAFHSE\*N\*AGLLTIIVADPPPNPEGTRQARRNRRRRWRARQSQIRQI

>B.2011.KT124802.acute\_infection

MEPVDPRLEPWKHPGSQPRTACTSCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VIHVMQSLAVAIVALIVAAILAIIVWSIVFIEYRKILRQRKIDKLIERIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRKFVGHSLLWGTGVERSKYHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPA\*IILERCERRI\*HVEK\*HGRTDA\*GYNQFMG\*KSKAMCKINPTLCYFKLH\*L\*TNHQ\*YQ\*YYY\*GYQ\*\*WRNETMLFQ\*YHKHKRCYNERICTFL\*T\*SSTNR\*\*\*\*E\*Y\*L\*VDKL\*HLSHYTSLSKGNL\*ANSHTLLCPGWFCASEV\*R\*GIQWNRTMSQCQYSTMYTWN\*ASSINSTTVEWQFGRRRGSN\*I\*KSHRQC\*NHNSTTE\*HCRN\*LYKTQQQYKKKYTYRTRESILCNRRHNRRYKTSTL\*H\*\*SKME\*HFKASS\*KIKRTL\*Q\*NNSL\*SVLGGRPRNCNAQF\*LWRGIFLL\*YFTTV\*\*FLERDTERDK\*HQQK\*HTHTPMQNKTNCKHVAGSRKSNVCPSHQGTN\*MFIKHYRATINKRWW\*W\*YNQQHY\*DLQTWRREYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTGSSVPWVLGSSREHYGRSVIDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKVHLHHCCALEY\*LE\*\*KYDADLE\*NHLDAVGKRN\*\*IHRHNIHLT\*RSADPTRKQ\*TRLIEIR\*LGKFVELV\*HNKLAVVHKNIHNDSRRLSRFKNSFYCAFYSK\*S\*EGILTLIVSDPPPSPEGTRQARRNRRRRWRERQRQINKI

>B.2007.KT124803.acute\_infection

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPEDSQTHQGTLSEQ\*VVHVMQTLSILAIVALVVASIIAIVVWTIVLIEYRRILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTILGHSLLWSTCVERCNHHFILCIRC\*ST\*YRGT\*CLGHTCLCTHRSQPTRSPNGKCDRNF\*HVEQ\*HGRTDA\*GYNQFMGSKSKAMCKVNPTLCYFKLH\*HGEWEYS\*Y\*\*\*\*LEKDGKRRIKELLFQYHHKLKR\*DTERICTFL\*T\*CSTNR\*\*\*\*\*Q\*\*L\*\*L\*\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DI\*WNRTM\*KCQYSTMYTWY\*ASSINSAVVKWQSSRRRDSN\*I\*KYHEQC\*KHNSTAEHISKD\*LYKTQQQYKKKYSYSTRESILCNRRNNRRYKTSTL\*H\*\*SKVE\*HFRTGGWKIKRTL\*E\*NNSLYSLLRRGSRNCNAQL\*LWRGIFLL\*YNKPV\*\*YLVCKWYK\*HLV\*\*VRCYHTSMQNKTNCKHVAGGRKSNVCPSHQRTD\*LYIKYYRANINKRWWEQEWH\*\*DL\*DLQTCRRKYEGQLEK\*II\*I\*SSKD\*TIRNSTHQGKEKSGAKRKKSNRNGSLVPWVLGSSRKHYGRSVNDADGTGQTVIVWYSATAKQFAESY\*GATTPVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKNNLHHCCALE\*\*LE\*\*ME\*\*ISGRHME\*HDMDGMGKRD\*\*LHRLNIQLT\*RITEPTRKE\*TRIIRIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAIYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2004.KT124804.acute\_infection

MEPVDPSLEPWKHPGSQPRTACSNCYCKKCCLHCQKCFLTKGLGISYGRKKRRQRRRAPGNSQAHQDPLSKQ\*VVYVMPPLYILTIVALVVAAILAIIVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSKLMEMGHLAPWDVDDL\*GCRQLVGYSLLWGTCVERSNHHSILCIRC\*RIC\*RGT\*CLGHTCLCTHRP\*PTRNTIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKSKAMCKTNPTLCYLKLQ\*LGKGKCY\*\*C\*\*\*SK\*Q\*\*\*\*IKDGERRIKKLLFQCHHKHKR\*DTERICTFL\*T\*CSTNRG\*\*Y\*L\*VNKL\*YLSHYSSLSKGNL\*ANSHTLLCPSWFCTSKM\*G\*VIQWNRTM\*KCQHSTMYTWNYASSVNSTAVKWQPSRKRGSN\*ICQSLRQY\*KHNSTSERICKD\*LYKAQQQYKKKYKYRTRESIYYNRSYNRRYKASTL\*H\*\*RKMEQNFTNGS\*KIKRKI\*K\*NNSL\*TPLRRGPRNCNA\*FQLWRGIFLL\*YITTV\*\*YLALE\*YCKQHWRK\*HNHTPMQDKTNCK\*VAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWRSD\*QPDWEPDRDFQTWRRRYKR\*LEK\*IIQI\*SSTN\*TIRSSSH\*GKEKSGAERKKSTNTGSCVPWVLGNSRKHYGRSVTNADGTGQTIIVWYSAAAEQSAESY\*GATTFVATHSLGHQAAPGKSPGCGEIPKGPTAPRNLGLLGKTHLHH\*CALE\*NLEQLQKSDSDLG\*HDLDTVGKRN\*QLHRLHILFN\*TIAKPTRKE\*TRIIGIR\*VGKFVELV\*HNKMAVVYKNIHNDNRRLDRFKNSFYYTFYSE\*S\*EGILTIIISDPLPSPGGTRQARRNRRRRWRARQRTIREI

>B.2009.KT124805.acute\_infection

MDPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFIKKGLGISYGRKKWRQRRRSPQDSQTDQASLPKQ\*VVHVMIPLTILAIVALVLVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSTLVERGHLAPWPIDDM\*CYRKLVGHSLLWGTCMERSKHHFILCIRC\*SI\*YRGP\*CLGHTCLCTHRP\*PTRNKIGKCDRKV\*HMEK\*HGGTDA\*RYN\*FMGSKPKTMCKTNPTLCHFKLY\*FEE\*\*LY\*FGV\*\*LYQ\*\*YSG\*RRNDKLFFQCNHNQER\*DAERICIFS\*T\*CSTNR\*\*\*YQLYVEKL\*YLSHYTGLSKSIL\*ANSHTLLCPGWFCDIKV\*Q\*NI\*WKRAM\*KCQHSTMHTWN\*ASSINSTAVKWQFSRRRHST\*ICQLLRQC\*NHNSTIEGSCKN\*LHKAQQQYKKKYTYSTRESILYNRRNNRGHKTSTLQYY\*RGLG\*NSRADSYKIKKTIWK\*NNSL\*QILRRGPRNCNAQF\*LWRGILLL\*YNTTVQQYVGYK\*YWGSE\*Y\*RANYTPMQDKTIYKHVAGSRESNVCPSHPRNNSLFIKYYRTTINKRWW\*DRERDRECY\*DL\*TWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSDTGSCVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAESY\*GATPSVATHSLGH\*AAPGKSPGYRKIPTGSTAPGNLGLLWKTHLPHCCALEC\*LE\*\*IL\*\*HLG\*HDLDGVG\*RS\*QLHRPNIQFN\*TIAKPARKE\*TRLTGIG\*MGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNNFCCAFYSK\*S\*AGIFTIIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTV

>B.2000.KT124806.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQNHQVSLSKQ\*VIHVMQPLIILGIVALVVAAILAIVVWTIVYIEYRKIVRQKKIDRLIDRIIERAEDSGNESEGDQEELSALVEVGHHVDMGHDAPWNVDDL\*YCRTVVGYSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHSCLCAHRPQPTRSSIEKCDRRF\*HVEE\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLH\*LL\*E\*Y\*QW\*YY\*KWYW\*L\*YYY\*\*H\*\*\*YEKLLFQCHHKCKR\*VAERICTFL\*T\*CSINRW\*\*Y\*L\*VDKL\*HLSHYTGLSKDIL\*TNSHTLLYPSWLCASKV\*Q\*DIQWIRTM\*QCQHSTMYTWN\*ASSFNSTAAKWQSSRGSSN\*I\*KFLGQC\*NHNSTAERICSN\*LHKT\*QQYKKKYTYRTRESILCNRRNNRKYKTSTL\*P\*\*SSLE\*HFRKGS\*KIKRKV\*\*HNNLQSLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLEY\*WY\*EYY\*RVK\*HRHHTPM\*NKTNYKHVAGSRESNVCPSH\*RTN\*MFIKYYRAAINKRWW\*RE\*D\*KRD\*NLQTWRRKYEG\*LEK\*IISI\*SSKN\*TIRSSTHQGKEKSGAERKKSSHTRSCVPWFLGSSRKHYGRSVNNADGTGQTIIVWNSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*KSDSNLG\*HDLDAVGKRN\*QLHRYNIQLN\*RITEPTRKE\*TRIIGIR\*VGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFCCAFYNK\*S\*AGILTFVIPDPPPNPEGTRQARRNRRRRWRQRQRSIHKI

>B.2003.KT124807.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNSCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRPPKGSQTHQDSLSKQ\*VVHVMQPLAIAAIVALVVVAIIAIVVWSIVLIEYRKLLRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVAMGHHAPWDVNDL\*CYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSSIGKSDRKF\*YVEK\*HGRTDA\*GYNQFMG\*KPQAMCKINPLLCYFKLH\*FDE\*DLYQC\*\*C\*C\*C\*Y\*\*\*YERRNKKLLFQYHHKHRK\*DAERIFTFL\*T\*YSTNREE\*YKLYIDKL\*HLSHYTGLSKSILYPNSYTLLCPSWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGNN\*I\*KFHEQC\*NHNSTSE\*IYRN\*MYKAQQ\*YKKGYKYRTRKSMVYNRNNRRYKTSTL\*P\*\*RKLE\*NFKAGSYKIKRTIWEQQNNKLSTILRRGPRNYNAHF\*LWRGIFLL\*YNTAV\*YLE\*YWAV\*\*YWE\*YHHTPMQNKTNYKQVAGSRKSNVCPSHQRSN\*LYIKYYRAAIDKRWW\*DGRE\*E\*DLQTWRGRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQSQEKSGAERKKSSNTGSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATYSLGHQAAPGKNPGCGKIHKGSTAPRDLGLLWKTYLHHCCALEC\*LE\*\*ISE\*HLG\*HDLDGVGKRN\*QLHKVNIHPN\*RIAKPTRKE\*TRVIGIG\*LGKFVELV\*HNKVAVVYKNIHNDSRRYSRFKNSFYCAFYSK\*S\*EGILTIIVSDPLPSPEGITRQARRNRRRRWRERQRQIRLI

>B.2013.KT124808.acute\_infection

MEPVDPSLEPWKHPGSQPETPCTTCYCKKCCLHCQVCFMKKALGISYGRKKRRQRRGPPKNNQTHQVSLSKQ\*VIHVMQPLVIFAIVALVVTAIIAIVVWSIVLIEYRKILRQRKIDRLILRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVDDL\*CYRTIVGHSLLWGTCVERSNHHSILCFRC\*SI\*YRST\*CVGHTCLCTHRPQPTRSKVGKCDRKF\*HVEK\*HGRPDA\*GYNWFMGSKSKAMCKINPTLCYFKLH\*C\*Y\*\*YQ\*\*Y\*\*DQ\*YC\*\*SHRNEKLLFQYHHRQIR\*EEKRICALL\*P\*CSTNRGGK\*\*\*L\*VNKL\*HLKNYTGLSKDIF\*ANSHTLLCPGWFCDSKV\*\*SEV\*WIRTM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRRRNSN\*IREFHGQC\*NHNSTAEGTCRN\*LYKTQQQYKKRCTHRTRQSNLCNRTNNRRYKTSTLQH\*\*RKMEYHFRKDS\*KTKTTIWR\*\*DNKL\*KFLRRGPRNCNA\*FYLWRGIFLL\*HNKSV\*\*HLGYQ\*YLE\*Y\*KDKQHRQH\*HHTPMQNKTNYKHVAGSRKSNVCPSHQRAD\*MFIKYHRAAINKGWW\*\*\*\*HQQHRDL\*TRRGRYEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAEREKSSYLRSYVPWVLGSSRKHYGRSVTDVDGTGQAIIVWHSATAEQSAESY\*GTTTSVAAHSLGH\*AAPGKSPGCGKLPKASTAPRDLGLLWKTHLHHLGALEY\*LE\*\*NSE\*YLG\*HDLDAVGKRNR\*LHKLNILIA\*RIAKPTRKE\*TRLIGIG\*MGKSVELV\*YNKLAVVYKNIHNDSRRFDRFKNSFLCTFYNK\*S\*EGILTIIVPDPPPSTEGTRQARRNRRRRWRRRQRQIQTI

>B.2011.KT124809.acute\_infection

MEPIDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQVSLPKQ\*VVHVMQALQIVAIVALIVAAIIAIVVWSIVFIEYRKILRQRKIDRIIDRITERAEDSGNESEGDQEELSALVEMGHHAYHAPWDIDDL\*C\*RTIVGHSLLWGTCVERSNYHFILCIRC\*STCYRGT\*CLGHTCLCTHRPQPTRNKTRECDRKF\*YVEE\*HGRPDA\*GYNQFMGSKPKAMCKANPTLCYFKLH\*C\*QNFKFYYYQ\*\*\*WGTNGGRRDKKLLFQGHLR\*EKDRICTFL\*T\*SSANKN\*\*C\*L\*VETL\*HLSHYTGLSKGILGANSHTLLCPGWFCDCKMQR\*EVQWNRTM\*KCQHSTMYTWN\*ASSIHSTAVKWQSSRRRGSN\*I\*EFHEQC\*NHNSTAE\*HCTNYL\*KTQQQYKKKYTYRARESILCNRRHNRRYKTGTL\*H\*\*KRLE\*HVKTDSCTIL\*AIFRRGPRNCNAQF\*LWRGIFLL\*YNKIV\*\*YLD\*WYSK\*Y\*RDPC\*REQSNC\*YYPSMQNKTNYKHVAKSRKSNVCPSHQWTN\*MRIKYYRVAINKRWWY\*ERDRNL\*TCRRKYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATASVAAHSLGCQTTPGKSPGCRKIPKGSTAPGNLGLLWKTHLHHCCALEYQLE\*\*NSKGDLGKHDLDAVGERD\*KLHRLNIHLN\*RIAKPTRKE\*TRIIGIRSMGKFVELV\*HNKLAVVYKNIHYDSRRISRFKNNFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KT124810.acute\_infection

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSQTHQDSLSKQ\*VVYVMQALQIAAIVALIVVAIIAIIVWTIVIIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTNVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIRKCDRKF\*HVEK\*HGGTDE\*RYNQFMGSKPKAMCKVNPTLCYFELL\*CDEWSWGNKKLLFSGQHRSKR\*DAKGICIVLYS\*FSTNK\*YKW\*L\*DDKV\*YFSHYTGLSKSIL\*ANSHTLLCPGWFCDSKV\*\*\*EIQWNRTMYKCQHSTMHTWN\*ASSVNSTAVKWQSSRRRGSN\*ICQFLK\*C\*NYNSTAE\*ICNN\*LYRAQQQYKKKYTYRTRENILCNRRNNRRYKASTL\*H\*\*SSMEQNFKPDN\*KIKRTIWE\*\*NNSL\*ASLRRGPRNCNA\*L\*LWRGIFLL\*VNTII\*\*\*FRREL\*\*FRREL\*\*KLK\*QQQHNHAVM\*NKTNYKHVAGSRKSNVCPSHQRAN\*MLIKYYRAVINKRWW\*GDRK\*Y\*DLQTRRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNTRSYVPWFLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGQSPGCGKIPTGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*NSE\*DLG\*HDLDGVGKRN\*QLHKFNILFN\*RIAEPARKE\*TRIIGIR\*VGKLVELV\*HNKLAVVYKNIHNDNRRLGRFKNSFCCTFYSEQS\*AGILTIIVPDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2012.KT124811.acute\_infection

MEPVDPRLEPWNHPGSQPGTACTNCYCKKCCFHCQVCFMQKGLGISYGRKKRRQRRGTPQGSKNHQVPLSKQ\*VIHVMQSLHIVTIVALVVAAILAIVVWTIVLIEYRKILRQRKIDRLLDRILERAEDSGNESEGDQEELSVLVDMGHHAPWNVDDL\*CYK\*LVGHSLLWGTCVERSNHHSVLCIRC\*SI\*HRGA\*CLGHTCLCTHRP\*PTRSGIGKCDRKF\*HVEK\*NGRANAGGCNQSMG\*KFKAMCKINPTLCYFKLH\*CQS\*AE\*YC\*\*\*HYYFLQGRNNKLLVQCHHKHRR\*ET\*RICTFS\*N\*SNANREYSNK\*NKWNKHSKQYNKLCIDKL\*HFSHYTGLSKGIF\*TNSYTLLYPGWFCDSKM\*\*\*NVQWNRTM\*KCQHSTMYTWN\*ASSINPAAVKWQSSRRGNSN\*ISKSHRQC\*NHNSTPKPVCTN\*LYKTWQQYQKRYTYGTGKSLLCNRRNNRRYKKSTLQP\*\*NSMEQYFNTGS\*KIK\*TI\*Q\*NNKI\*FILRRRPRNSNAQF\*LWRGVFLL\*YITVV\*WYLE\*YCGMDN\*RIK\*HWRNYHTPVQNKTNCKQMAGSRKGNVCPSYQRKY\*LSIQYHRAIIDKRWW\*HKQ\*\*\*YRDLQTWRRKYDG\*LEK\*II\*I\*SSKNRTIRSSTHRGKEKSGAKRQKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGYGNIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISRIHLG\*HDMDGMGKRN\*QLHRHNLCLN\*KIAEPTGKE\*TRIIGIGFMGKLVELVRYIKLAVVYKNIHNDSRRLNRFKNNLYCTLYSE\*S\*EGILTIVIPDPSPKPEGTRQARRNRRRRWRQRQRWIRSF

>B.2004.KT124812.acute\_infection

MEPVDPRIEPWNHPGSQPKTACNTCYCKKCCFHCQVCFLTKGLGISHGRKKRRQRRRAPQDSKNHQVSLPKQ\*VVHVMPPLYMISVVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSALVGMGHHAPEMGHHAPWDVDDL\*CYKKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRGA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*C\*DY\*HHW\*WSH\*\*\*LGKDGRRGNKELLF\*YHHRCKRQDAKTICTIL\*T\*CSTDRFQHK\*QR\*I\*VDKL\*HLSHYTGLSKDIL\*TNSHTLLYPGWFCDYKM\*\*\*EIQWNRTMY\*CQHSTMYTWN\*AGSINSIAVKWQFSRRRDSN\*I\*KYNEQC\*NHNSTSE\*ICRN\*LYKTQQQYKQKYTYRTRGSILHNRKYNRRYKTSTL\*P\*\*SKVGENFRKDK\*\*IKRTI\*\*\*NNSL\*SIHRRGPRNCNAQF\*LWRGILLL\*YNKPV\*\*YLV\*K\*Y\*CDKQN\*\*\*HYNTPMQNKTNYKHVAGSRKSNVCPSHQGTN\*MFLKYYRVAINKRWWQ\*\*HQWVRDLQTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAEREKSSGNRSVVPWVLGSSRKHYGRSVNDADGTGQTITVWYSATAEQFAESY\*GATAYVATYSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWEAHLHHCCALEC\*LE\*\*IYGRHLE\*HDLDGVGKRN\*QLHRGNIQIT\*EIAKPARKE\*TRIIGIGQMGQFVELV\*HNKLAMVYKNIHNDSRRLGRFKNSF\*CTFYNK\*S\*AGIFTNIVADPPPRNEGTRQARRNRRRRWRQKQRWIQSI

>B.2003.KT124813.acute\_infection

MEPVDPRLEP\*LAELHTRARG\*ISPCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTDQAYLSKQ\*VVHVMQPLVILAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRLIERAEDSGNESEGDQEELSALVEMGHHAPWVVNDL\*CYRKRKFVGHSLLWGTCVERCNHHSILCIRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRTSIGKCDRKF\*RVEKQHGRPNA\*GHNQFMGSKSKALCRTNPTLCYFKLH\*C\*\*YHWWE\*Y\*YPRERRFKKLLFQ\*HNRRK\*DEARICIF\*YT\*YSTNKV\*EW\*E\*Y\*I\*VDKL\*HLSHYTGLSKDNL\*ANSHTLLCPGWFCAFKV\*QQDIQWKRAVYKGQHSTMYTWN\*ASSINSAAVKWQSSRRRDST\*I\*KFLE\*C\*KHNSTADKTCSN\*LYKAQQQYKKKCTYGTRESIFYNRYNRRYKTSTL\*H\*L\*KLERHVRTGSEKIRRTI\*EEHSKLYKPLRRGPRNCTAQF\*LWRGVFLL\*YVTTI\*\*YLE\*WD\*W\*LDYK\*HHRGK\*H\*E\*HYHTPMQDKTNYKLVAESRKGNVCPSH\*WTD\*LFIKYYRANINKRWWCY\*\*\*HERDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHPGKEKSGAERKKRTNNGSSVPWVLGSSRKHYGRSVADADGTSQTIIVWYSATAEQYAEGY\*GATTSVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGLLWKTHLHHCCALE\*\*LE\*\*ISE\*HLE\*HDLDAVGERN\*QLHRHNIHLT\*KSANPTRRE\*TRLIKIRFMGKFVELV\*HIKMAVVYKNIHNDSRRVNRFKNSFLCTFFSK\*S\*AGIFTIIISDPPPKPEGTRQARRNRRRRWRERQRRIQTI

>B.2002.KT124814.acute\_infection

MDPVDPKLEPWKHPGSQPRTPCTSCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRSPQGSKIHQVSLPKQ\*VIHVM\*CTLYK\*QQ\*YP\*\*\*\*Q\*\*Q\*LCGQ\*YS\*NIGKY\*DKEK\*TGYLIK\*\*REQKTVAMRVMGIRKNYQRWWRGGILLLGMLLMMCSADNNLWVTVYYGVPVWREADTTLFCASDAKGYSAEVHNVWATHACVPTDPNPQEVLLANVTENFNMWTNNMVKQMQENIISLWDKSLKPCVKLTPLCVTLNCTDSITTIATANTTTAPNINGSSGRMEIGEIKNCSFYVTSNIRDKKQRKFALFYKLDVVQIDNNTSENRTSYRLTSCNTSVITQACPKISFEPIPIHYCAPAGFAILKCNDKRFNGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVIIRSENFTNNAKIIIVQLNETVKINCMRPNNNTRKSIHIAPGKAFYATGDIIGNIRQAHCNISMKEWRNTLNQTVKKLREQFGNKTIKFQPSSGGDPEIVMHSFNCGGEFFYCNTTPLFNSTWNNTRNISGLEGSKDNGNITLQCRIKQIINMWQEVGKAMYAPPIRGQIQCSSNITGLLLTRDGGTNVTDNTTEIFRPGGEDMRDNWRSELYKYKVVQIEPLGVAPTKARRRVVQREKRAVGIGALFLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLAVKRYLRDQQLLGIWGCSGRLICTTNVPWNASWSNKSYNDIWNNMTWMQWDREISNYTGLIHRLLEDSQNQQEKNEQELLELDKWASLWSWFDITKWLWYIKIFIIIVGGLIGLKIIFTVLSIVNKVRQGYSPISFQTRLPTQRGPDRPEGIKEGGGERDRDTSGPL

>B.2013.KT200348.-

MEPVDPSLEPWKHPGSQPKTPCTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSPTHQVSLSKQ\*VLYVMQSLVIGSIVALVVVAIIAIIVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFLEGGHHAPWDVNDL\*CC\*KIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRRI\*HVEKQHGRADA\*GYNQSMGSKPKAMCKINPTLCYFRLL\*CCWY\*\*\*\*\*Y\*\*\*\*W\*\*\*YH\*GTRRTKKLLFQYHHKHER\*GAERICNFL\*V\*YSAIRK\*\*K\*\*\*\*YIRK\*\*\*\*Y\*L\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*NELQGNRNMHEGQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*V\*KFHKQC\*KHNSTAKRTCRNYL\*KTQQQYKKKYNVRTRESIFYNRKHNRRYKTSTL\*YQ\*NKLD\*HLTPDS\*QIKRTVQ\*NQNKF\*STRRRGPRSCNAHF\*LWRGIFLL\*FINTV\*\*\*LDLES\*CLELDLE\*WYLGG\*Y\*RNK\*N\*RKCHPHPPM\*NKTNYKHVAGSRESNVCPSHQWTN\*M\*IKHYRDDINKRWG\*\*\*RY\*QQQ\*DLQTWGRRYEG\*LEK\*IIQI\*SSKN\*TIRSSTHQGKKKSGAERKKRFRIWSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAK\*FADGC\*GATEAVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*NS\*\*HLGKPDLDAVGKRN\*QLHRHNIQITCGIAEPARRE\*KRIIGIK\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNNFYCTFYSE\*S\*AGIFTIIVSDPPPSTEGTRQARRNRRRRWREKQRQIRSI

>B.2008.KT200349.-

MEPVDPRLEPWKHPGSQPRTPCNKCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRGPPQDSQTHQVSLSKQ\*VI\*VMQSLQILAIVALVVGAIIAIVVWTIVFIEYRKILRQRKIDRLLERIIERAEDSGNESEGDQEELSVLVERGHHAPWDVDDL\*CCRKLVGHSLLWGTCVERGNYHSILCIRC\*ST\*S\*ST\*CLGHTCLCTHRPQPTRSSIECDRKF\*HVEK\*HGRANA\*GYNQFMGSKLKTMCKINPTLCYSKLH\*C\*YH\*\*WRGNGGKRRNKELLFQHHLRHKNEERICTFL\*P\*CNINRE\*\*Y\*L\*NKKL\*YLSNYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*AVQWNRSM\*KCQHSTMYTWN\*ASSVNSTVIKWQSSRRRGSN\*V\*KFHEQC\*NHNSATEGTCSN\*LYKTQQQYKKKYTYRTRECILYIKYNRRYKTSTL\*C\*\*YKME\*HFT\*DS\*KIKETIWEQNSNL\*SNHKRGGPRNCDVHF\*LCRGIFLL\*YIRTI\*\*YLAV\*\*\*\*YWK\*\*C\*KKYHNPM\*SKTNYKHVAESRKSNVCPSHRRTN\*MCIKYYGDAINKRWW\*\*WW\*\*QHERERDLQTGRRRDEGQLEK\*II\*IQSSKN\*TIRDSAHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSINDADGTG\*TTIVWYSATAEQSVESY\*GATTSVATHSLGHQTAPSKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IL\*LYLG\*HDLDGVGKRN\*QLHKLDIHFN\*RIAEPTRKE\*TRIIGIG\*VGKFVGLV\*HIKLAVVYKTIHNDSRRLGRFKNSFCCTFYSK\*S\*AGIFTIVISDPPPNPEGTRKARRNRRRRWRARQRQIHAI

>B.2006.KT200350.-

MEPVDPSLAPWKHPGSQPKTACTNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRADQDSQTHQASLPKQ\*VVPVMQPLQIVAIAALVVVTIIAIVVWSIVLIEYRRILRQRKIDRIIDRIRERAEDSGNESDGDQEELSALMEMGNPVEMEHHAPWDVNDL\*S\*RQFVGHSLLWGTCVERSKYHSILCIRC\*SI\*CRST\*CLGHTCLCTHRPQPTRNVIGKCDRKV\*HVEK\*HGRTNA\*GCN\*LMGSKPKAMCKTNPTLCHFKLH\*L\*CH\*CKE\*CY\*N\*\*SK\*YEKLLFQYHHKPKR\*SAEKICIFL\*P\*YSTDRR\*KY\*\*\*QY\*Y\*L\*VDKL\*HLSHYTGLSKGNL\*TNSHTLLCPGWFCDFKV\*\*\*EVQWNRTM\*\*CQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ILQFLEQC\*KYNSTAA\*TCNN\*LYKTQQQYKKKYNNRTRQSILCNRRYNRRYKTSTL\*R\*WTSME\*DFKRDS\*EIRRTI\*E\*NNNI\*LILRRGPRNCNAHF\*LWRGIFLL\*FNKTV\*\*YLEYECYHRELDLY\*RDRLH\*RKHHTPMQNKTDYKHVAGSRKSNVCPSHQWTN\*MFIKYYRADNNKRWWY\*\*YYQRDHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAEREKSNRIWSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAEGY\*GAAAYVATHSLGHQAAPGKSPGCGKLPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSK\*YLE\*HDLAAMGKRN\*ESHNHNIHLNYKIANPTRTE\*KRLIAIGSMGKFVELV\*HNKVAVVYKNIHNDSRRLDRFKNSFYCNFYSE\*S\*AGILTIVVPDPPPNNSEGTRQARRNRRRRWRERQRQIKIF

>B.2005.KT200351.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKACCFHCQVCFTKKGLGISYGRKKRRQRRRSPQDSQTHQVSLPKQ\*VVYVMQTLTILAVVALVVAVIIAIVVWTIVFLEYRKLLRQRKIDRLIKRISERAEDSGNDSDGDQEELSTLVEMGHHAPWDVDDQ\*C\*RQIVGHSLLWSTCVERSKHHSILCIRC\*SL\*YRGT\*CLGHTCLCTHRSQPTRSSIGKCDREL\*HVEK\*HGRTDAGGYNQSMGSKLKAMCKINPTLCYFKLH\*\*MGK\*N\*MGK\*NYIKK\*NY\*Q\*\*YERRNKKLFFQYHHKFKGQDAERICTFL\*T\*CSTNR\*\*\*\*Y\*L\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDYKV\*\*\*DIQWNRTM\*KCQHSTMYTWN\*TSSVNSTATKWQSSRRRGSN\*V\*KFHEQCKNHNSATKGTCRN\*LYKT\*QQYKKRYTYRTRENMVCNRRNNRRYKTSTL\*PYYRKVE\*HFTSDS\*KIKRTIWE\*NNNLSEFTLRRRPRSCNA\*F\*LCRGIFLL\*YIKIV\*\*YLV\*\*\*\*CY\*\*H\*SK\*HSHHTPM\*NKTNYKHVAGSRKSNVCPAHQRTN\*LFIKYYRAVINKRWW\*QCHQ\*DFQTGRRRYEGQLEK\*II\*IQSSKN\*TTRNSTHQGKEKSGAKRKKSSGNRSCVPWVSGSSRKHDGRSVIDADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*KSE\*DLG\*HDLDGMGERN\*QLHRHNIHPT\*TIAKPTRKE\*TRIIGIR\*VGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFFSE\*S\*AGILTIVISDPLPSPGGTRQARRNRRRRWRERQRQIQSI

>B.2010.KT200352.-

MEPVDPRLEPWKHPGSQPRTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VVHVMQSLAILSIVALVVAAIIAIVVWTIVYIEYRKILRQREINRLIDRIRERAEDSGNESDGDQEELSQLVERGHLVPWDVDDL\*HCGRTIMGHSLLWGTSVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRIAKCDRIF\*HGEQ\*HGRTNA\*GYNQFMGSKLKAMCQINPTLCYFRLH\*\*YNCYKCYCQCY\*\*\*RGTNGDEKLLFQCYHSHKRQDKARICTFL\*S\*YSINRW\*\*Y\*L\*VNKL\*HLSHYTSLSKGNL\*ANSHTLLCPGWFCDYKV\*G\*EVQWNRTM\*ECQYSTMYTWN\*ASSINSTVVKWQSSRRRCSN\*V\*KFHGQCKNHNSAAERNCTN\*LYKTQQQYKKKYTYGTRESILCNRGNNRRHKASTLQY\*\*RKME\*HVTTGSYKIKRTIWE\*NNNL\*SILRRGPRSCNAQF\*LWRGIFLLQFITTV\*\*YLAK\*QYLEY\*H\*YSGE\*H\*RHYHTPM\*NKANYKHVAGGRKSNVCPSHPRTN\*MFIKYYRAAINKRWWYKQYK\*Y\*NLQTRRRKYEG\*LEKRIV\*IQSSTN\*TIRSSTHQGKEKSGAERKKSNRTRNYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGCGKIPQGSTAPRDLGLLWKTHLHHFCTVEYQLE\*\*NSG\*HMG\*HDLDAVGKRN\*QLHKSNIQLN\*RCAKQTRKE\*TRIIGIGSVGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCTLYSE\*S\*AGILTLIVSDPPPSSEGTRKARRNRRRRWRQRQRQIHSI

>B.2010.KT200353.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCFHCQVCFTKKGLGISYGRKKRGQRRRADPEDQAHQTSLPKQ\*VVYVMHTEVVLAIVALVVVAIIAIVVWTIVLLEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELSALMDRGHLAPWNVDDL\*CYRKVMGHSLLWGTCVERSKCHFILCIRC\*SI\*YRGS\*CLGHTCLCTHRPRPTRNTIEKCDRKF\*HVEK\*YGRPNAGRYNQLMGSKLKAMCTINPTLCYFKLY\*CHN\*QD\*\*CYSK\*QQ\*\*DRENNGRRRNKKLFF\*YFHKHSRQEAERICTFL\*T\*CSTNR\*W\*\*Y\*L\*DNKL\*HLSHYTGMSKDIL\*TNSHTLLCPGWFCDYQV\*R\*KVQWNRTM\*QCQHSTMYTWNKTSSINSIAVKWQSSKRRNSN\*I\*KFLKQC\*NYNSAAEGTCRN\*LYKTQ\*QYKKKYTYRTREGILCNRRHNRRYKTSTLQH\*\*NKME\*HFTTNS\*QIKRTI\*\*\*NNSL\*PILRRGPRNCNAQF\*LCRGIFLL\*YIKTV\*\*YLAA\*\*YC\*WY\*\*WK\*\*KYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MLIKYHRAADSKRWW\*\*W\*\*HY\*DLQTLGRRYEGQLEK\*VIQI\*SSEN\*TIRVSTHQGTEKSGAEREKSSGNRSRVPWVLGSSRKHYGRSVIDADGTGQIIIIWYSATAEQSAESY\*GATTSVATHSLGHQTAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*KSRPYLE\*HDLDAVGKRN\*QLHRPHIHPT\*RFAKPTRKE\*TRIIGIR\*VGKFVELV\*HIKLAVVYKNIHNDSRRHDRFKNSFYCTFHSK\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRGRQRQINSL

>B.2008.KT200354.-

MEPVDPKLEPWEHPGSQPKTACNNCYCKKCCFHCQKCFTQKGLGISYGRKKRRQRRRAPPDSQNHQVALSKQ\*VLDVMQPLVIVAIVALVVVAILAIIVWSIVLIEYRKILRQRKIDKIIDRIRERAEDSGNESEGDQEELSALVEVGQHVERGHNAPWDVNDL\*GCRTIVGHNILWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTCLCPHRPQPTRSKIGKCDRKF\*HVEKQHGRTDA\*RCN\*FMGSKPKTMCKINPTLCYFRLL\*CGYQ\*N\*ESD\*WGWE\*Y\*Y\*GGKDGERRTEKLLFQHLHKRKR\*V\*KSICTFL\*G\*CSTNRWK\*\*\*\*\*Y\*L\*VDKL\*YLSHYTSMSKDIL\*ANSHTLLCPGWVCDSKV\*Q\*HIQWNRTM\*QCQHSAMYTWN\*TSSINSTAVKWQSSKRRGSN\*ICQFHKQC\*SHNSTAEQVSRN\*LYKTQQQYKKKYTYRTRESILCNRQNNRRYKKSIL\*D\*WNRME\*NFRTGS\*\*IKKTIWK\*\*NNKL\*ATTLRRRPRNCNAQF\*LSRGIFLL\*YNKTI\*\*YLAV\*\*Y\*EWYWETKYH\*HHTSMQDKTNCKHVAGSRKSNVCPSSHRNN\*LFIKYYRTANNKRWW\*\*\*\*DQQH\*DL\*TWRRKYEGQLEKRII\*I\*SSKN\*TNRNSTHQGKKKSGAERKKSNSGNRSCVPWVLGSSRKHYGRSINNADGTSQTAIVWYSATAEQSAEGC\*GATASVATHSLGHQTAPGKSPGSGRIPKGSTAPRNLGLLWKNHLHHYCALEY\*LGS\*\*ILPGNLG\*HDLDAMGKRNWQLHRLNILLA\*RIADPARKE\*KRIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLSRFKNSFCCTFYNE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRHIRTI

>B.2010.KT200355.-

MEPVDPRLEPWNHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPEDSQTHQASLSEQ\*VAYVMNSLTIASIVALVVVTIIAIVVWSIVFIEYRKILKQRKIDKLIERIRERAEDSGNESDGDQEELAALVEMGHHAPWDIDDL\*CCRTIVGHSPLWGTCVERSNHYSILCIRC\*SI\*YRSTQCLGYACLCTHRPQPTRNRNEKCDRRV\*HVEK\*YGRTDAGGYNQFMGSKPKAMCKTNPTLCHSKLHGCKEEC\*YDLLGKWNKSAE\*YYQGHEKLLFQHHRRHKR\*GAKRIFTFL\*R\*YNTNR\*\*\*\*LL\*GDKL\*HLSHYTSLSKGNL\*TNSYTLLCPGWFCDSEV\*\*EKFHGKRTMQKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*QFLKQC\*NHNSTADRTCKYYLCKTWQQYQKKYTYRTRESILYNRRNNRRYKTSTL\*Y\*CTKME\*HFTKDS\*KIKSTI\*E\*NNNLPETLRRGSRD\*NAQF\*LWRGIFLL\*YINTV\*QYLEC\*QYLE\*Y\*RNR\*PQHK\*S\*HHTPVQNKTNCKHVAGSRKSNVCPSH\*RTN\*MYIKHYRGVINKRWGE\*\*\*HKKRE\*DFQTWRRRYEGQLEK\*II\*I\*GSTN\*TIRNSTHQGKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGEIPTGSTAPGALGLHWKTHLHHCCALEC\*LE\*\*ISGSDLE\*HDLDGVGKRN\*\*LHRLNIHFN\*RLAKPTRKE\*TRLIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTTIVSDPPPNPEGTRQARRNRRRRWREKQRHINKI

>B.2010.KT200356.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTDQGSPSKQ\*VVYVMQSLQILAIVALVVAAILVIVVWSIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVGMGHHAPWNIDDL\*CRTMVGHNLLWGTCVERSNHHSILCIRC\*SIQERGT\*CLGHTCLCTHRPQSTRNKLGKCDRKI\*HMEK\*HGRTDA\*RYN\*FMGSKPKAMCKIDPTLCYFKLHGG\*FK\*YGGG\*FN\*\*QRKFRNKKLLFQYHLKHKR\*SAERICTDV\*N\*CSTNR\*\*\*\*\*YY\*\*Y\*IYVEKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCNFKM\*R\*ELQWKRRM\*KCQHSTMYTWN\*TSSVNSTAAKWQSSRRRGSN\*I\*KYHKQW\*NHNSTAGYTCAN\*LHKTQQQYKKKYKYRTRESILCNRSNNRRYKTSIL\*C\*\*SRME\*HLKKDK\*KIKERISK\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YMEW\*CKQ\*Y\*RR\*NYHNPMQNKTNYKQVAGSRKINVCPSYQRNN\*LFIKYYRVAINKRWW\*YREQRHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKSGAERKKSNRTRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GAAASVATHSLGHQAAPGKSPGSGKIPTGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*\*NRVKPDLG\*HDLEGLGKRNWQLYKYNIQIN\*GIAKPARKE\*TRIIGIG\*MGKFVELV\*YIKLAVVYKNIHNDSRRLGRFKNSFYCTFCSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRNL

>B.2010.KT200357.-

MEPVDPSLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQDHQVPLSKQ\*VIYVMQSLVILAIISLVVVAIIAIVIWAIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSAMLDMGHLAPWNVNDL\*CYRTIVGHSLLWGTCVEGGYHHSILCIRC\*SL\*NRGT\*CLGHTCLCTHRP\*PTRSRIGKCNRKF\*HVEK\*HGRTDA\*GYN\*FMG\*KPKTMCEINPTLCYFKLQ\*C\*FQLQ\*Y\*\*R\*LSRDAGRSKKLLFQYLHKHKKQRKERTCTFL\*S\*CNVNR\*YKLCIETV\*HLSH\*TGLSKGILYTNSHTLLCPSWFCDSKM\*G\*EIQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSD\*I\*KSHRQC\*NHNSAAE\*NCKN\*LYKTQ\*QHKKRYTHRTGECILCNRRNNRRYKTSTL\*R\*\*NRMEQNFRIHS\*KIKRTI\*EYNNNL\*PVLRRGPRN\*NAQF\*LWRGIFLL\*YNTAVQ\*YLGAREEYYYRGK\*HYHAPMQNKTDYKQVAGSRKSNVCPSHQRTN\*LYIKYYRAVINKRWW\*Q\*\*PDK\*DRDL\*TSRREYEGQLEK\*II\*I\*SSTS\*AIRNSTHQGKEKSGAERKKSSGTRSCVPWVLRSSRKHYGRSVNNADGTGQTIVVWYSATAEQPAEGY\*SATTYVAAHSLGHQTAPGKSPSSGKIPTGSTAPRHLGLLWKTHLHH\*CALEC\*LE\*QNP\*\*DLGKHDLDAVGKRN\*QLHSNNILLN\*RIANPTRKE\*TRIIRIR\*VGKFVELV\*HNKMAVVCKNIHNDSSRLSRFKNSIYYIFFSK\*S\*AGILTIIIPDPPPSREGTRQARRNRRRRWRERQRQIHTI

>B.2008.KT200358.-

MEPVDPSLEPWKHPGSQPKTACTPCYCKKCSFHCQVCFIQKGLGISYGRKKRRQRRRAPQDNQTHQDYLSKQ\*VVL\*CKL\*\*Y\*Q\*\*HW\*\*QQY\*Q\*LCGL\*YS\*NIGKY\*DKGK\*TGCLIE\*VKEQKTVAMTVKGIKKSYQNLWRWGTMLLGMLMICSAKEKLWVTVYYGVPVWKEATTTLFCASDAKAYDTEAHNVWATHACVPTDPNPQEIVMENVTEDFNIWKNNMVEQMQEDIISLWDQSLKPCVKLTPLCVTLNCTNTNKNATNVTNSDWEGKEEVKNCSFNVTAGIKDKVQKEYALFYKPDVVPIKDDDTNTTNTTYNTYRLISCNTSVITQACPKISFEPIPIHYCAPAGYAILKCNSKTFNGTGPCKNVSTVQCTHGIKPVVSTQLLLNGSLAEEDIVIRSENITNNAKTIIVHLNESVMINCTRPSNNTRKGIHIGPGRAFYATDIIGDIRQAHCNISRPQWDMTLKRITTKLRGKFGENKTIIFNQSSGGDPEIVMHSFNCGGEFFYCNTTKLFNSTWETNRSESANTSETIILPCRIRQIINLWQRVGKAMYAPPIRGQINCSSNITGLILTRDGGNDNDTNNTETFRPGGGDMRDNWRNELYKYKVVQIEPIGLAPTKAKRRVVQREKRAVTIGALFLGFLRAAGSTIGAASMALTVQARQLLSGIVQQQSNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLQDQQLLKI\*GCSGKLICTTTVPWNASWSNKSLNAIWDNMTWNQWEKEISKYTGVIYTLIEESQNQQEKNEQELLELDKWASLWN\*FDITS\*L\*YIKIFIMIVRSLVSLKIVFAVFSIVNRVRQGYSPLSFQTRLPAPRGPDRPEGIEEEGGEQDRGRSTRL

>B.1989.KT259308.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHXQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDINDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*FY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRXRGSN\*IRHFLGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCXTRQSNLYNRNNRKNKTSXL\*H\*\*SKMX\*HFKTDSYKIKRTI\*E\*XNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*SK\*HXHTPMQNKTNYKHVAGSRKSXXCTSHQRTN\*MFIKYYRTDINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDAVGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKXHLHHCCALEY\*XE\*\*IXESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.KT259309.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDINDL\*SCRKFVGHSLLWGTCVERSNXXSILCIRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*FY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AXILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.KT259310.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDINDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SV\*YRGT\*CLGHTRLCXHRPQPXRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*FY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTXYTWN\*XSSINSTAVKWQSSRRRGSN\*IRQFLGQC\*KHNSTSE\*ICRN\*LYKTQXQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAXWVLGSSRKHYGRSVNDADGTGQTIIVWNSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.KT259311.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SIRYRGT\*CLGHTCLCTHRPQPTRSKNGECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*L\*E\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*SEERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*KHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*XILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGALGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKPNIHLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.KT259312.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQIVAVVALVVVAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWERY\*HQ\*\*\*YY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*NLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKNTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*YCMGR\*H\*RK\*K\*HNHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDLQAWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*IHKLNIQFN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.KT259313.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQIVAVVALVVVAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*NLSHYTXXXKGIL\*XNSHTLLCXGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKNTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*YCMGR\*H\*RK\*K\*HNHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDLQAWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATXXXFAEGY\*XATASVATHSLGHQAAPSXSPGCGKIPKGSXAPGDLXLLXKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVAKXN\*\*LHKLNIQFN\*RIAKPTRKX\*TXIIXIX\*LXKFVXLV\*HXKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*X\*AGILTIIVSDPPPSQEGTRQXRRNRRRRWRERQRQIRSI

>B.1989.KT259314.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQIVAVVALVVVAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*\*\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*NLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKNTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTDSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*YCMGR\*H\*RK\*K\*HNHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDLQAWRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQFN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.KT259315.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIGECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*L\*E\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKNKR\*SEERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGNN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTXTL\*H\*\*SKME\*HFKTYSYKIKRTIWK\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWYCMVK\*H\*RERK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYAPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGVLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIHLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.KT259316.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*\*CY\*PH\*\*YRGNGGEKRNKKLLFQYHHKHKR\*XAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKDKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGVLGLLWKTHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.KT259317.-

MKPVDPRLEPWKHPGSQPRPACPNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIEYRKIRRQNKIERLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRIEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LWE\*Y\*HQ\*\*XCY\*PH\*\*YRGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*LYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCXHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKDKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*SK\*HNHTPMQNKTNYKHVAGSRKSNVCTSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKNPGCGKIPKGSTAPGVLGLLWKTHLHHCCALEYXLE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIQLN\*RIAKPTRKE\*TRIIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.KT259318.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKTNPTLCYFKLH\*LWE\*Y\*HRY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*IYVEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTYSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*RK\*K\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRKYEGQLEK\*II\*I\*SSXN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHYGRSANDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPSKSPGCGKIPKGSTAPGDLGLLWKIHLHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKGN\*\*LHKLNIHLN\*RIAKPTRKE\*TRVIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTIVVSDPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.1989.KT259319.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQSLQILAVVALVVAAIIAIVVWSIVFIECRKIRRQKKIERLIDRIIERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*SCRKFVGHSLLWGTCVERSNHHSILCLRC\*SV\*YRGT\*CLGHTCLCTHRPQPTRSRTEECDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKTNPTLCYFKLH\*LWE\*\*\*CY\*PH\*\*\*RGNGGERRNKKLLFQYHHKHKR\*GAERICTFL\*S\*CNTNKR\*\*Y\*IYVEKL\*HLNHYTGLXKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQXKRTMYKXXHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFLGQC\*SHNSTSE\*ICRN\*LYKTQQQYKEKYTCRTCRTRQSNLYNRNNRKNKTSTL\*H\*\*SKME\*HFKTYSYKIKRTIWE\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*QYLEWYCMVK\*H\*RK\*K\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWWY\*PDQHHRDFQAWRRKXEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNNRSYAPWVLGSSRKHXGRSVNDADGTGQTIIVWYXAXAEXFAEGY\*GATASVATHSLGHQAAPSXSPGCGKIPKGSTAPGDLGLLWKIHXHHCCALEY\*LE\*\*ISESDLG\*HDLDAVGKXN\*XLLXLNIHLN\*RIAKPTRKE\*TRVIXIR\*LXKFVELV\*HNXLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILXIVVSEPPPSQEGTRQARRNRRRRWRERQRQIRSI

>B.2014.KT276255.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKQCCFHCQVCFIKKGLGISYGRKKRRQRRRTPQYSETHQDSLSKQ\*VIYVMQPLVILAIVALVVAAIIAIVVWSIXFIEYXKILRQRKINRLIDRITDRAEDSGNESEXDEEALAALVDRGHDAPWVVDDL\*CCRSIVGHSLLWGTCVEGCKHHSILCIRC\*SISYRST\*CLGHTCLCTHRPQPTRSAITKCNRRF\*YVEK\*HGRTDA\*GCNQLMGSKPKAMCKINPTLCYLKMH\*DQKLY\*HKCKCGIQYK\*RFGIQ\*RNEELLFQCHCRHKR\*GTESTCFVFYT\*CSTNR\*E\*\*\*\*L\*ADKL\*HLSPYTSLSKGNL\*ANSYTLLCPGWFCDSKM\*G\*AVQWNRTMSQCQYSTMYTWN\*ASSINSTAVKWQSSRRRSSS\*ICQPLR\*CQNHNSTAKGCCRN\*LYKTQ\*QYKTRYKYSTRESMVCSNRHSGRYKKSTL\*H\*\*NKMEQHFKTGS\*QIR\*KI\*E\*NNNLSTILRRGPRNYNTQF\*LWRGIFLL\*YNTAV\*\*\*VE\*YKD\*\*YRD\*E\*YWE\*Y\*K\*YYHTPLQDKTNYKLVAGSRESNVCPSHQRTN\*MFIKYYRAVITERWW\*\*Q\*\*HK\*DLQTRRRKYEG\*LEK\*II\*I\*SSTN\*TIRTSTH\*GKEKSGAKRKKSSGNRSYVPWXLEXSRKHDGRSVNNADGTVQTIIVWYSAAAEQFAEGY\*GAAASVATHSLGHQAAPGKSPGCGKVSKGSTAPGDLGLLWKTHLHHFCALER\*LE\*E\*ISG\*YLG\*HDLDAVGKRN\*QLHRLNIHLD\*GIAKTARNK\*IRIIEIGLMGKSMELV\*HIKLAVVYKNIHNDSRRLNRFKNSFFCAFFSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQKFLHEI

>B.2014.KT276256.-

MEPVDPRIEPWNHPGSQPKTACTNCYCKKCCFHCQACFLRKGLGISYGRKKRRQRRTAPPDSQTHQDSLPKQ\*VVYVMQPLTIVSIAALIIVAIIAIVVWTIVYIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMEHHAPRDVDDL\*N\*KQFVGHSLLWGTCVERSNHHSILCLRC\*SI\*YRST\*CLGHTCLCTHKPQPTRSIIKKCDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLRYSRLQKCYY\*YY\*QCW\*YYCHVSSHGARRIEKLLFQYHHKHKR\*NKARICTFL\*A\*CSTNK\*KYL\*VNTL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKM\*\*\*EFHRERRLCKCQHSTMYTWN\*ASSVNSTAAKWQSSKRRGSN\*I\*QFLR\*C\*NYNSTAERRCSN\*VYKTHQHYKKKNTYRTRKNILCKRCNRRYKESILYTQ\*NKLE\*HFRTDI\*RIKKNF\*\*NNNL\*PILRRGPRN\*NVQF\*LWRRIFLL\*YNTTV\*\*YLAWKRDC\*RRK\*KWHNQTPM\*NKTNNKHVAGSRKSNVCPSHQRTN\*LFIKHYRVAINKRWWEYNK\*\*DL\*XWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAXRKKSSGSTGSYVPWVLGSSRKHYGRSVNNADGTSQTLIVWYSAAAEQFAEGY\*GAAATVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*NCGSDLGKHDMATVGKRN\*QLYRLNIQLT\*RIAKPTRKE\*TRIIRIR\*VGKFVELV\*HIQMAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIVISDPPPSQEGTRQARRNRRRRWRERQRQIHQI

>B.2014.KT276262.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPEDSQTHQASLSEQ\*VVYVMNSLTIASIVALVVVTIIAIVVWSIVFIEYRKILRQRKIDRLIDRITERAEDSGNESDGNQEELAALGVELGHHAPWNVDDL\*CCRTIVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGTQCLGHTCLCTHRPQPTRNNIGKCDRNI\*HVEK\*HGKTDA\*GCN\*FMGSKPKAMCKINPTLCHSKLH\*CEKCYQYD\*E\*QGRYLDEYYRGNEGMLFQCHCRHKR\*DAKRKSTFL\*I\*FSINR\*\*\*\*\*L\*VGRL\*HLSHYTSLSKSNL\*ANSHTLLCPGWLCDSKV\*\*EKIHGKRIM\*KCQYSTMYTWN\*ASSINSTAVKWQSSKRRGDN\*ICQFLRQW\*KHNSTAERPCRNKLYKTRQQ\*KKKGNSRTRESILYNRRNNRRYKTSTLQD\*\*RKLE\*NFTTGSEKIKGTI\*Q\*NNSL\*KLLRRGSRN\*NA\*F\*LWRGIFLL\*FNTTV\*KYLE\*K\*YIQQ\*YQQQWYHHAPMQNKTNCKHVARSRKSNVCPSH\*WTN\*MFIKYYRDDINKRWW\*CHKQQL\*DF\*TWRRKYEGQLEK\*II\*I\*SSTD\*TIRSSTHQGKEKSGAERKKSSGNRSCAPWVLGSSRKHYGRSVTDADGTSQAIIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGEIPTGSTAPGALGLQWEAHLHHCCALEC\*LE\*\*VSGSDLE\*HDLDAVGKRN\*ELHKPHIHFN\*RIAKPTRKE\*T\*IIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNI

>B.2014.KT276263.-

MEPVDPRLEPWKHPGSRPRTACNNCFCKRCCWHCQVCFISKGLGISYGRKKRRQRRKAHQDSQTDQVSLSKQ\*VVHVMTPLITLSIVALVVVAIIAIVVWSLVFIEYRKILRQRRIDRLIERIRERAEDSGNESEGDHEELLVEMGHDAPWNVDDL\*YCRTTKAIVGHSLLWGTCVERSSHHSVLCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSKIGQCNRKF\*YVEK\*HGRTNA\*GYNQFMGSKSKAMCKINPTLCYFTLH\*YN\*QYHRGK\*YEKLLFQCHHSHKR\*ETEKLCTF\*YT\*YSTNKYNR\*\*NNK\*YRICIDRL\*HLSHYTGLPKGKL\*TNSYTLLYPGWFCASKV\*\*EKLHWNRTM\*KCQYSTMYTWN\*ASSVNSTAVKWQSSRGRDSN\*I\*KFHEQC\*NHNSTTV\*PCNN\*LYKTQQQYKKKCTYRTGGSNLCNRSHNRRYKTSTL\*H\*\*NKME\*HFKKNS\*TIKGKI\*\*DHNNL\*ATLRRGPRNYNAHFQLWRGIFLL\*YNTTV\*QYLG\*\*YYTIK\*YQWKHHTPLQNKTNYKHVAGSRKSNVCPAHRRTN\*LFIKYYRAAINKRWW\*\*Q\*WQ\*DL\*TCRRRYERQLEK\*II\*IQSSKN\*AIRSSTHQGKKESGAERKKSSGSDRSNVPWVLGGSRKHYGRSVDGADGTGQTIIVWYSAAAK\*LAESY\*GATAYVATHSLGHQAAPG\*SPGHRKIPKGSTAPGDLGLLWKTHLHHYCALEYQLE\*\*ITNPDLG\*HDLDGVGQRN\*QLHKPNIQFN\*RCAEPAGKE\*KRITGIG\*VGQLVELV\*NNKVAMVYKNIYNDSSRFSRFKNNFCCAFYSK\*S\*AGILTIVISDPPPSPAGTRQARRNRRRRWRDRQRQIRFI

>B.2014.KT276264.-

MEPVDPRLEPWKHPGSQPXTPCTNCYCKKCCFXCQVCFAKKALGISYGRKKRRQRXXSPTDSKTHQNPLPKQ\*VIHVMXPVQILAIVALVVAAIIAIVVWTIVYLEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALMEMGHHAPWNVNDL\*CCRSIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGTQCLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPKTMCKINPTLCYFKLH\*CEX\*YYQ\*\*YYQ\*\*\*LGRDNGERNEKLLFQCYFRHKR\*DAEGTCTYV\*T\*CSTNR\*W\*\*KLYIDTL\*HLTHYPGLSKGNL\*TNSHTLLHPGWLCDAKM\*\*\*TVQWKRTM\*KCQHSTMYTWN\*ASSVNPTTVKWQSSRRRHSN\*I\*KLH\*\*C\*DHNSTAEGTHKN\*LYKAQ\*QYKKKDTYRTRESILCNRTNNRRYKTSTL\*P\*SDRME\*DFKGDSYTIKKTNWE\*NNSL\*\*ILRRGPRNCNAQF\*LWRGIFLL\*YNKAV\*QYLVX\*\*YFE\*CYRG\*\*HYNTPL\*NKTNYKHVAGSGKSNVCPSYQGTNWMLIKYYRTAINKRWWW\*\*Q\*DRNL\*TWRRKYEGQLEK\*IIQIQSSAN\*TIRSSTHQGKEKSGAXRKKSSGNIXSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWNSATAEQSAEGY\*GATTYIATHSLGHKAAPSKSPGCRKIPKGSTAPRDLGLLWKTHLHHCRALEC\*LE\*\*ISGSDLE\*HDLDGMGKRN\*QVHRHNIHLN\*RFTESARKE\*TRIIRIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRFNRIKNSFYHTFYSE\*SQEGILTIIIPDPLPSTEGTRQARRNRRRRWRERQRHIQAI

>B.2014.KT276266.-

MEPIDPRLEPWKHPGSQPKTPCTKCYCKRCCFHCQVCFINKALGISYGRKKRRQRRKAPQDSQNNQVSLSKQ\*VIHVMQSLQILAIVSLVVVAIIAIVVWTIVLIEYRKILRQRRIDKLLDRIRERAEDSGNESDGELLVEMGHHAPWDVDDL\*Y\*RQLVGHNLLWGTCVERSNHHSILCIRC\*SICYRGT\*CLGHTCLCTHRP\*PTRSKLRKCDRKF\*HVEK\*HGGSDA\*GYNQFMG\*KPKTMCKINPTMC\*SKLH\*LEGKY\*YHHYGSEKLLFRYHQ\*NRKTEKRPCTVFCT\*YSINKE\*\*HKLHDKTL\*YLSH\*TGLSKGIL\*TNSHTLLCPSWFCDSKV\*\*\*KVQWIRTMCKCQHSTMHTWN\*ASSVNTIIVKWQSSRGRCNN\*I\*ELFE\*C\*HHNSTTK\*VCTN\*MYETQQQYKKKCILGTRESNLCNRRSRRYKTSTL\*HY\*KHMEEYLSSGKRKIKRTI\*\*Y\*HNL\*ATFRRGPRNCIPQF\*LWRGIFLL\*YIRPV\*\*D\*V\*\*D\*VYHTSMQDKANYKHVARSRKSNVCPSH\*RNY\*LFIKYYRAAINKRWW\*WHKQHGDLQACRRKYER\*LEK\*II\*IQSSKN\*AIRSSTHQGKEKSGAERKKSNRNGSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQPAEGY\*CATAYVAAHSLGHQAAPGKTPGCGKIPKGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*EKFQLYME\*HDLE\*LGKRN\*\*LHRLHIHFT\*RVAEPTRKE\*KRIIGIR\*LGKFVELV\*HIKMAVVYKNIHNDSRGLNRF\*NSFYYTLYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQINKI

>B.2014.KT276267.-

MEPVDPRLEPWQHPGSQPRTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRKSPQDSQTHQVSLPKQ\*VIHVMQPLHIAAIVALIVAVIIAIVVWTIVLIEYRKILRQRKIDRLIKRISERAEDSGNESEGDQEELSALMEMGHHAPWDIDDQ\*CCRQLVGHSLLWGTCVERGNYHSILCFRC\*SI\*YRKT\*CLGHTCLCTHRPQPTRNRLGKCDRKF\*HVGK\*HGRTNA\*GYNQLMG\*KLKAMCKINPILCYFKLH\*\*FEK\*DL\*QRNNKGERRNEKLLFQYHHKHRRQEEEE\*VCTFL\*T\*CNAN\*CNANRWGG\*Y\*QYY\*LY\*L\*VDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*R\*KFQWNRTV\*KC\*HSTMYTWN\*ASSVNATVTKWQSSRRRGSN\*I\*KFHRQC\*KHNSAADETCRN\*LYKAQQQYKEKHPSRTRENILCHRSHNRRYKTSTL\*H\*\*SKME\*NFTKDSYQITRTIWE\*YNNSL\*SILRRGPRNCNAQF\*LLGGIFLLQYIKTV\*\*YLA\*WY\*V\*\*YWK\*QHWRNYHTPM\*NKTNHKHVAAGRKSNVCPSYRRTY\*VFIKYYRADLNKRWR\*\*QQ\*\*HRDLQTGRRRYEGQLEK\*II\*IQSSKN\*TIRDSTHQGKEKSGAERKKGSGNRSCVPWVLGSSRKHYGRSVTDADGTG\*TITVWYSATAEQFAEGY\*GATTFAATHSLGHQAAPGKNPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISGTDLE\*HDLDGVGKRN\*QLYKLNIHFN\*RIAEPTGKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTPLVSDPFPSPAGTRQARRNRRRRWRERQRQIRKI

>B.2014.KT276268.-

MEPVDPRLEPWKHPGSQPRTPCTPCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRKAPQGSQAHQASLPKQ\*VVHVMQPLIIIAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESGGDEEELSALVEMGHHAPWVVDDQ\*CYRKIVGHSLLWGTCVERS\*HHSILCIRF\*STCYRGT\*CLGHTCLCTHRSQPTRNRIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYLKLH\*VECYWN\*CY\*D\*X\*QNXERGNDKLLFQYHHKXKK\*VAXXLCTFL\*R\*YSLXKRG\*\*\*N\*P\*VDKL\*HLSHYTSLPKSNF\*SNSHTLLCSXRLCDSKVYR\*KVQWNRAM\*\*CQHSTMYTWN\*ASSINSTTVKWQLNRXXXSDYI\*KFL\*QC\*NHNSTSERDYTN\*LYKTQQQYKEKYTYGARESIVCNRSHNRRYKTSTL\*H\*WNTME\*HLTKGS\*KIKRTIREQ\*YTNSL\*SILRRGSRNCXAQF\*LWRGIFLLXYITTV\*\*YLVC\*\*YLGRSKYH\*YHTPMXNKTNYKPVAGSRKSNVCPSHPRTN\*LFIKYYRDTLNKRWWL\*RDHRDLQTWRRRYEGQLEK\*II\*I\*SSKT\*TIRSSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAKQFAESY\*GATAYVATHSLGHQAAPGKSPGYGKIPKGSTAPGDLGLRWKTHLHHCCALEY\*LE\*\*KSN\*DLGEYDLDAVGERN\*QLHRLNIQLN\*KIAKPTRKE\*TRIIGIG\*LGKLVGLA\*HIKLAVVYKNIHNDSRRLDRLKNSFCYIFFSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIHTY

>B.2013.KT284371.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMQPLGIAIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRISERAEDSGNESDGDQEELSALVEMGHHAPWDIDDL\*CCRSIVGHSLLRGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIGECDRIF\*YVEK\*HGRTDA\*GYNQFMGSKFKAMCKINPTLCYFKLH\*LE\*LY\*YQY\*\*QEG\*RYYYSCYH\*\*\*RGNARGRRNKKLLFQ\*PHKPKR\*GTERICTFL\*T\*RSTNR\*\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRGRGSTKI\*EFHEQC\*NHNSTAERICRN\*LYKTQQQYKEKYTYGTRESILYNRANNRRYKTSTL\*S\*QCKME\*HFKTDS\*KIKRTI\*E\*NNNL\*WTLRRGPRNCNAQF\*L\*RGIFLL\*YNKTV\*\*YMVCK\*Y\*RVK\*GRRHDHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LLIKYYRATINERWWYRQQHEQYRDLQTWRGRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKESSGAKRKKSSGNRSFVPWVLGSSRRHYGRSVTDADGTGQTIIV\*YSATAE\*LAESYRGATASVAAHSLGHQAAPGKNPSCGKIPTGSTAPGDLGLLWKTHLHHYCALEH\*LE\*\*KSEPNLGQHDLDGVG\*RN\*QLHKSNILLS\*RITNPTRKE\*TGLVEVGSMGRLVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRYL

>B.2013.KT284372.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMQPLGIAIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRISERAEDSGNESDGDQEELSALVEMGHHAPWDIDDL\*CCRSIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIGECDRIF\*YVEK\*HGRTDA\*GYNQFMGPKFKAMCKINPTLCYFKLH\*LE\*LY\*YQY\*\*RGNARGRRNKKLLFQ\*PHKPKR\*GTERICTFL\*T\*CSTNR\*\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*R\*KVQWNRTM\*KCQRSTMYTWN\*ASSINSTAVKWQSSRGRGSTKI\*EFHEQC\*NHNSTAERICRN\*LYKTQQQYKEKYTYGTRESILYNRANNRRYKTSTL\*S\*QCKME\*HFKTDS\*KIKRTI\*E\*NNNL\*WTLRRGPRNCNAQF\*L\*RGIFLL\*YNKTV\*\*YMVCK\*Y\*RVK\*GRRHDHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LLIKYYRATINKRWWYRQQHEQYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKESSGAKRKKSSGNRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*LAESYRGATASVAAHSLGHQAAPGKNPSCGKIPTGSTAPGDLGLLWKTHLHHYCALEHQLE\*\*KSEPNLGQHDLDGVG\*RN\*QLHKSNILLN\*RIANPTRKE\*TGLVEVGSMGGLVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSL

>B.2013.KT284373.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMQPLGIAIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRISERAEDSGNESDGDQEELSALVEMGHHAPWDIDDL\*CCRSIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIGECDRIF\*YVEK\*HGRTDA\*GYNQFMGSKFKAMCKINPTLCYFKLH\*LE\*LY\*YQY\*\*QEG\*RYYYSCYH\*\*\*RGNARGRRNKKLLFQ\*PHKPKR\*GTERICTFL\*T\*CSTNR\*\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRGRGSTKI\*EFHEQC\*NHNSTAERICRN\*LYKTQQQYKEKYTYGTRESILYNRANNRRYKTSTL\*S\*QCKME\*HFKTDS\*KIKRTI\*E\*NNNL\*WTLRRGPRNCNAQF\*L\*RGIFLL\*YNKTV\*\*YMVCK\*Y\*RVK\*GRRHDHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LLIKYYRATINKRWWYRQQHEQYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKESSGAKRKKSSGNRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*LAESYRGATASVAAHSLEHQAAPGKNPSCGKIPTGSTAPGDLGLLWKTHLHHYCALEH\*LE\*\*KSEPNLGQHDLDGVG\*RN\*QLHKSNILLN\*RIANPTRKE\*TGLVEVGSMGRLVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRYL

>B.2013.KT284374.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMQPLGIAIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRISERAEDSGNESDGDQAELSALVEMGHHAPWDIDDL\*CCRSIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIGECDRIF\*YVEK\*HGRTDA\*GYNQFMGSKFKAMCKINPTLCYFKLH\*LE\*LY\*YQY\*\*QEG\*RYYYSCYH\*\*\*RGNARGRRNKKLLFQ\*PHKPKR\*GTERICTFL\*T\*CSTNR\*\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRGRGSTKI\*EFHEQC\*NHNSTAERICRN\*LYKTQQQYKEKYTYGTRESILYNRANNRRYKTSTL\*S\*QCKME\*HFKTDS\*KIKRTI\*E\*NNNL\*WTLRRGPRNCNAQF\*L\*RGIFLL\*YNKTV\*\*YMVCK\*Y\*RVK\*GRRHDHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LLIKCYRATINKRWWYRQQHEQYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKESSGAKRKKSSGNRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*LAESYRGATASVAAHSLGHQAAPGKNPSCGKIPTGSTAPGDLGLLWKTHLHHYCALEHQLE\*\*KSEPNLGQHDLDGVG\*RN\*QLHKSNILLN\*RIANPTRKE\*TGLVEVGSMGRLVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRYL

>B.2013.KT284375.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMQPLGIAIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRISERAEDSGNESDGDQEELSALVEMGHHAPWDIDDL\*CCRSIVGHSLLRGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIGECDRIF\*YVEK\*HGRTDA\*GYNQFMGSKFKAMCKINPTLCYFKLH\*LE\*LY\*YQY\*\*QEG\*RYYYSCYH\*\*\*RGNARGRRNKKLLFQ\*PHKPKR\*GTERICTFL\*T\*RSTNR\*\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRGRGSTKI\*EFHEQC\*NHNSTAERICRN\*LYKTQQQYKEKYTYGTRESILYNRANNRRYKTSTL\*S\*QCKME\*HFKTDS\*KIKRTI\*E\*NNNL\*WTLRRGPRNCNAQF\*L\*RGIFLL\*YNKTV\*\*YMVCK\*Y\*RVK\*GRRHDHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LLIKYYRATINERWWYRQQHEQYRDLQTWRGRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKESSGAKRKKSSGNRSFVPWVLGSSRRHYGRSVTDADGTGQTIIV\*YSATAE\*LAESYRGATASVAAHSLGHQAAPGKNPSCGKIPTGSTAPGDLGLLWKTHLHHYCALEH\*LE\*\*KSEPNLGQHDLDGVG\*RN\*QLHKSNILLS\*RITNPTRKE\*TGLVEVGSMGRLVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRYL

>B.2013.KT284376.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMQPLGIAIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRISERAEDSGNESDGDQEELSALVEMGHHAPWDIDDL\*CCRSIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIGECDRIF\*YVEK\*HGRTDA\*GYNQFMGPKFKAMCKINPTLCYFKLH\*LE\*LY\*YQY\*\*RGNARGRRNKKLLFQ\*PHKPKR\*GTERICTFL\*T\*CSTNR\*\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*R\*KVQWNRTM\*KCQRSTMYTWN\*ASSINSTAVKWQSSRGRGSTKI\*EFHEQC\*NHNSTAERICRN\*LYKTQQQYKEKYTYGTRESILYNRANNRRYKTSTL\*S\*QCKME\*HFKTDS\*KIKRTI\*E\*NNNL\*WTLRRGPRNCNAQF\*L\*RGIFLL\*YNKTV\*\*YMVCK\*Y\*RVK\*GRRHDHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LLIKYYRATINKRWWYRQQHEQYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKESSGAKRKKSSGNRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*LAESYRGATASVAAHSLGHQAAPGKNPSCGKIPTGSTAPGDLGLLWKTHLHHYCALEHQLE\*\*KSEPNLGQHDLDGVG\*RN\*QLHKSNILLN\*RIANPTRKE\*TGLVEVGSMGGLVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSL

>B.2013.KT284377.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMQPLGIAIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRISERAEDSGNESDGDQEELSALVEMGHHAPWDIDDL\*CCRSIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIGECDRIF\*YVEK\*HGRTDA\*GYNQFMGSKFKAMCKINPTLCYFKLH\*LE\*LY\*YQY\*\*QEG\*RYYYSCYH\*\*\*RGNARGRRNKKLLFQ\*PHKPKR\*GTERICTFL\*T\*CSTNR\*\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRGRGSTKI\*EFHEQC\*NHNSTAERICRN\*LYKTQQQYKEKYTYGTRESILYNRANNRRYKTSTL\*S\*QCKME\*HFKTDS\*KIKRTI\*E\*NNNL\*WTLRRGPRNCNAQF\*L\*RGIFLL\*YNKTV\*\*YMVCK\*Y\*RVK\*GRRHDHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LLIKYYRATINKRWWYRQQHEQYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKESSGAKRKKSSGNRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*LAESYRGATASVAAHSLEHQAAPGKNPSCGKIPTGSTAPGDLGLLWKTHLHHYCALEH\*LE\*\*KSEPNLGQHDLDGVG\*RN\*QLHKSNILLN\*RIANPTRKE\*TGLVEVGSMGRLVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRYL

>B.2013.KT284378.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMQPLGIAIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRISERAEDSGNESDGDQAELSALVEMGHHAPWDIDDL\*CCRSIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIGECDRIF\*YVEK\*HGRTDA\*GYNQFMGSKFKAMCKINPTLCYFKLH\*LE\*LY\*YQY\*\*QEG\*RYYYSCYH\*\*\*RGNARGRRNKKLLFQ\*PHKPKR\*GTERICTFL\*T\*CSTNR\*\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRGRGSTKI\*EFHEQC\*NHNSTAERICRN\*LYKTQQQYKEKYTYGTRESILYNRANNRRYKTSTL\*S\*QCKME\*HFKTDS\*KIKRTI\*E\*NNNL\*WTLRRGPRNCNAQF\*L\*RGIFLL\*YNKTV\*\*YMVCK\*Y\*RVK\*GRRHDHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LLIKCYRATINKRWWYRQQHEQYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKESSGAKRKKSSGNRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*LAESYRGATASVAAHSLGHQAAPGKNPSCGKIPTGSTAPGDLGLLWKTHLHHYCALEHQLE\*\*KSEPNLGQHDLDGVG\*RN\*QLHKSNILLN\*RIANPTRKE\*TGLVEVGSMGRLVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRYL

>B.2010.KT427650.-

MEPVDPRLEPWNHPGSQPRTPCNKCYCKKCCYHCQCCFIHKALGISYGRKKRRPRRRAPLDSQSNQVSLPKQ\*VVHVMQPLQPLQIAAIVALVVVAIIAIIVWTIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVLEMGHDAPWNVDDL\*C\*RRTIVGHSLLWGTCVERSNHHSILCI\*C\*SI\*DRGT\*CLGHTCLCTHRP\*STRNSIEKCDRKFQHVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLCYFKLH\*CNCY\*G\*YHCWVYHCCAENDGRNKKLLFQCHKHRKQEPERICTF\*\*P\*CSANR\*\*\*YRIYVGKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*EVQWKRTMYKCQHSTMYTWN\*ACSVNSTTVKWQFIRRRHNN\*V\*KYYKQC\*NHNSAAE\*NCTN\*LHKTQQQYKEKYTHGTGKSILCNRRHNRKYKTSILYP\*WNKME\*YFKTNSYKVERKL\*\*NNKF\*SILRRGPRSCNVQF\*LWRGIFLL\*YITVV\*QYLES\*QYLEWY\*Y\*QWHYHTPMQNKTNHKQVAGSRKINVCPSHQRTN\*LFVKYYRAPVNKRW\*\*WVRSRNLQTWRRRYEGQLEK\*II\*I\*NSKNRAIRNSTHQGKEKSGAEREKRSNIRSCVPWVLGNGRKHYGRSGHDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGH\*AAPGQSPGCGKIPKGSTAPRDLGLLWKTHLQH\*CALEC\*LE\*\*KSDKYLEKHDLDAVGKRN\*QLHRINIQFT\*SIAKPTRTE\*TRIIGIG\*VGKFVELV\*YNKMAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGILTIVIADPLPSSEGTRQARRNRRRRWRARQRQIQSI

>B.2010.KT427654.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPQSSKTHQAPLSEQ\*VIHVMQPLTIVAIVALVVAAIIAIVVWTIVLIEYRKIVKQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGGHDAPWNVDDL\*CCRKVGHSILWGTCVERSNYHSILCIRC\*GI\*ERGA\*CLGHPCMCTHRPQPTRNSIGKCNRNV\*HVEQ\*HGGTDA\*GYNQFMGSKPKAMCKTNPTLCYFRLH\*LCKE\*Y\*YQ\*YP\*SYSQ\*\*\*YRNEKLLFQYHHQCKR\*DTKSVCTLL\*T\*YRTNR\*\*\*\*\*\*\*\*Q\*\*\*\*QL\*VDKM\*HLKHYTGLSKGNL\*ANSHTLLCPSWFCDSKV\*Q\*DIQWIRTM\*QCQHSTMYTWN\*ASGVNSPAVKWQSSRRGGNN\*ICQLHGQY\*NHNSTAE\*ICNN\*LYKTQQQYEKRYTYRTRESILYNRRDSGRHKESTLYH\*\*NTMDGHFRKGSSKIKKTIWEQNNSL\*TTSLRRGPRNYVSHL\*LWRGIFLL\*FNITV\*\*YLE\*YHRE\*HRK\*HRKYHTPMQNKTIYKHVAASRKSNICSSHQRTN\*LYIKYYRADINKRWWA\*Q\*XQ\*RDLQTWRRKYEGQLEE\*IIQI\*SSKT\*TIGSSTHQGKEKSGAERKKSSGTRSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRTLGLLWKTHLHHYCALE\*\*LE\*\*IPRLYLG\*HDMDAVGKRNWQLHRINIHLN\*RIAEPTRKK\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCAFFSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRTL

>B.2010.KT427656.-

MDPVDPRLEPWKHPGSQPKTPCNKCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSPTHQVPLSKQ\*VIHVMQDLQIVAIVALVIAAILAIAVWTIVLLQYRKLLRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVLEMGHDAPWDVNDQ\*C\*RRKNVGHSLLWGTCVERGNYHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*ST\*SSIEKCDRKF\*HVEK\*HGRTNA\*GCNQSMGSKPKAMCKTNPTLCHFKLH\*YH\*EHN\*\*\*QERN\*\*\*QCH\*YR\*RRHEKLLFQYHRHRKQTTEGLCNF\*\*T\*YSTNR\*\*\*HKLYVNKL\*HLSRYTGLSKDIL\*TNSHTLLCPGWFCDSKM\*\*FTVQWNRTM\*KCQHSTMYTWN\*TSSVNPTAVKWQFIRRRGND\*I\*KSH\*QC\*KHNSTAE\*NCSN\*LYKTRQQYKKKYKYGSGKSILCNRTNNRRYKTSTL\*Y\*WKRMAQHSRKHNCKIKRKI\*\*NNNL\*SILRRRPRNCKIHF\*LWRGIFLL\*FITAV\*\*YLVY\*WYLEC\*WH\*KKFQ\*HHYAPMQNKTNYKQVAGHRKSNICSSHQRIH\*LFIKYYRNDINKRWE\*Q\*L\*S\*NLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGNVGSYVPWVLGNSRKHYGRSGSNADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPSKSPGCGKIPRGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*KT\*NKSEHYLG\*HDLDGVGERN\*\*LYRINIPIT\*RIADPTRTE\*TRFIGIG\*VGKFVELVQHNKMAVVYKNIHNDSRRLNRFKNSFYCTFYSK\*S\*AGIFTIVISDPPPSREGTRQARRNRRRRWRERQRQIQSI

>B.2010.KT427667.-

MEPVDPRIEPWKHPGSQPKTACNNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRPPQDGQTHQVSLSKQ\*VINVMQPLQIIAIAALVIVAIIAIVVWTIVLIEYRKILRQRKIDKIIDRIRDRAEDSGNESEGDQEELSRLVEMGHDAPWDVDDL\*CCRKYVGHSLLWGTCVERS\*HHSILCLRC\*SI\*HRGT\*RLGHTCLCAYRP\*PTRIRLDKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FD\*YYLH\*YD\*CLH\*EYFERNGGKNKSLLI\*YHHKQHK\*\*KEKRICTF\*\*A\*CGTNRSK\*\*\*QQLQ\*QQLYIETL\*HLSHYTNLSKDIL\*TNSHTLLYPGWFCASEM\*G\*KFQWNRTV\*KCQYSTMYTWN\*ASSVNSTVVKWQSSRRRHSD\*I\*KFQ\*KH\*NHNSTAK\*TCRN\*LYKTQQQYKKRYTYSMGKNTLCNRRYNRRYKTSILYP\*WNKME\*NLRKDSSKII\*TI\*YYNNL\*SIIRRGPRNCNA\*F\*LWRRIFLL\*HNTTV\*QYLD\*WYLGDD\*YWEYK\*YHTPMQDKTNYK\*VAGSRKSNV\*PSHQGKN\*LFIKHYRNTINKRWRR\*RV\*\*RDLQTWRRKYEG\*LEK\*TI\*I\*SSKN\*TIRTSAHQGKEKSGAKRKKSSGNTRSYVPWILGSSRKHYGRSVNGADGTSQTIIGWYSATAEQYAESY\*GATAYVATHSLGHQAAPGKSPGCRKIPRGSTAPRNLGMLWKTHLHHLCALEY\*LE\*\*KSK\*DLGEHDLDAVGKRN\*QLHKCNIHLA\*GITEPARTK\*KGLIGIG\*VGKFVELVQHYKLAVVYKTIHNDSRRLDRFKNNYYCIFYSK\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRARQRQIRGI

>B.2010.KT427669.-

MEPVDPSLEPWQHPGSQPKTPCTKCYCKKCCYHCQXCFIXKGLGISHGRKKWRQRRRSPQSSETHQVSLSKQ\*VAHVMXSLXIAXIVALVVXXIIAIXVWTIVXIEYRKILRQRQIDRLXDRIRDRAEDSGNESEGDQEXLSALMEMGHHAPWDVDDL\*CYRXIVGHSLLWGTCVERSKHHSILCIRC\*SI\*QRGT\*CLGHACLCTHRP\*PTRNTIXKCDRKF\*YVEK\*HGRTDA\*GYNQFMG\*EPKTMCEINPTLCYFKLH\*\*GYX\*QWY\*LQXQ\*XSXQ\*Y\*LGGGRRNEKLLFRYHRENKKSQRICTFL\*I\*YSTNR\*YKLYADTL\*HLSH\*TDLSKGIL\*TNSHTLLRPGWFCDSKV\*\*\*EVQWNRXMYKCQHSTMYTWN\*ASSVNSIAVKWKSSRRRGSN\*X\*KLXEQX\*XHNSASE\*XYXN\*LYKTQQQYKKXYTHGMGKNILCNRRNNRRYKTSTL\*P\*XNKME\*HFKXDSWKIERTI\*\*NNNIL\*PIIRRRPRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLAV\*\*YLG\*E\*YYYRVK\*HYHNSLQNKTNYKQMAGSRKSNVCSSHQWTN\*MFIKYYRANINKRWW\*X\*HI\*RNLQTWRRXXEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSSGSARSYVPWVLGSSRKHYGRSVXDADGTGQTIIXWYSATAEQSAESY\*GATAPVATHNLGRQAAPGKSPGCGEIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISKYNLG\*HDMDGVGERN\*QLHNFNIHFN\*RIAEPTRKE\*TRIIGIG\*VGKFVELVQHNTMAVVYKNIHNGNRRFSRFKNSFYCAFYSK\*S\*GGIFTIIIPDPPPSPEGTRQARRNRRRRWRERRRQIQAI

>B.2010.KT427670.-

MEPVDPRLAPWEHPGSRPRTPCNNCYCKRCSFHCQVCFTKKGLGISYGRKKRRQRRTTPSDGQTHQVPLPKQ\*VVYVMQSLVILAIVALVVVAIIAIVVWTIVLIEFRKLLRQRRINKLIERIAERAEDSGNESEGDQEELAALVEMGHDAPWNVNDL\*CCRQVVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSKIGKCNRRV\*HVEK\*HGRTDAGGYNQFMGSSPKAMCQIDPTLCYFKLHKCKHY\*QYKCKHY\*Q\*E\*\*FENGEGRNEKLLFQYHLRYKRQGTEKTCNLFQP\*CSANRW\*\*YQF\*DNKL\*YFSHYTSLSKGILSANSHTLLCPGWFCDSKM\*Q\*DFQWNRTM\*QCQHSTMYTWN\*ASSDNSTAIKWQSSRRTGSS\*I\*KYHKQC\*NHNSTTEGTCTN\*LYKTQQQYKTRYKYRTRESILCNNRHSRRYKKGTL\*H\*YCRLE\*NIRAGSWEIKRTLEQNNSL\*KRLRRGPRNCNAQF\*LQRGIFLL\*HNKTV\*\*YLAY\*\*YLECNWRVYHHTPMQNKTNYKHVAGSRKSNVCPSHQRTH\*LYIKHYRATINKRWWGCKRHQRDLQTWRRRYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAERKKSSGIRSSVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQSAESY\*GATAPVATHSLGHQAAPGESPGCRKIPKGSTAPGNLGLLWKAHLHHCCALEY\*LE\*\*NS\*\*NLG\*HDLDAVGERN\*QLYTNNIHLT\*RIADPTRTE\*TRTISIR\*MGKFVELV\*HNTMAVVYKNIYNDSRRINRFKNSFCCVFYSE\*S\*AGIFTLVIADPPPSSEGTRQARRNRRRRWRKRQREISGI

>B.2010.KT427671.-

MEPVDPRLEPWKHPGSRPKTPCTKCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRPPQDRQDNQVPLSRQ\*VVHVMQPLVIGSIVALVVAAIIAIVVWTIVYIEYRKILRQRKIDRLIDRITERAEDSGNESEGDQEELSKLMEMGHHAPWDVNDL\*C\*RRLVGHSILWGTCVERSNHHFILCIKC\*SI\*PRGA\*CLGHTCLCTHRP\*PTRNSIGKCNRKF\*HVEKQHGRTDA\*GYN\*FMG\*KSKTLCKINPTLCYFTLY\*LEWLECYFQHKHDPV\*HYPL\*\*\*YLGKHKGRSKKLLFQYLYKHRREKERICNFLYT\*CSKNK\*\*\*\*L\*VDKL\*HLSPYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*\*\*KV\*WNRTMYKCQHSTMYTWN\*ASSVNSIAVKWQSSRRRDNN\*I\*KYHE\*C\*NNNSTAERNCSDKLYKTRQQYKKKYTYGTRESILHNRRDNRRYKKSIL\*N\*CSSMDRHFKTGSYKIKRTI\*\*YHSLSEFLRRGPRNCNAQF\*LWRGIFLL\*YNTII\*\*DLEWYIDRGLGKCHRKYHTPLQDKTNHKQVAGSRKSNVCPSHQRRD\*LFIKYYRAAINKRWWV\*\*WD\*K\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSGNAGSYVPWVLGSSRKHYGRSVNNADGTG\*TIIVWYSATAEQSAECY\*GATASVAAHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHLCALEH\*LE\*K\*NSRGYLE\*HDLDAVGERN\*\*LHRLNI\*LN\*KIAKSAGKE\*TRIVGIG\*VGKFVELV\*YNKLAVVHKNIHNDSRRHSRFKNNF\*CTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRQIRRI

>B.2010.KT427673.-

MEPVDPKLEPWKHPESQPKTPCTKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRGPPQGRPPHQVSLSKQ\*VVHVMQSLQIVAIGALVIAAIIAIVVWSIVLIEYRKILKQRKIDRLIAKIAERAEDSGNESEGDQEELSALMEMGHHAPWDVNDL\*YCSTTVVGHSLLWSAYMERCKHHPILCIRC\*SI\*HRGT\*CLGHTRLCTHRP\*STRSRIEKCDRRI\*HVEKQHGRTNA\*GYNQFMGSKPTAMCKINPTLCYFKLH\*CECECDR\*QYHY\*CYSYF\*N\*\*EFKGRNEKLLFQYYHKHKK\*EEERICTFL\*S\*YSTNRE\*\*YKLYVGKL\*YLSH\*TGLSKGNL\*TNSHTLLYPGWFCDSKM\*\*\*RISGNRKL\*KCQYSTVYTWN\*ASSVNSTAVKWQPSRRGDSS\*I\*KLHKQC\*NHNSTAE\*NCTNYLSKTQQQYKKKYTFRI\*ESILCNRRNNRRYKTSIL\*P\*SSKMEHHVKKTSYKIKRTI\*QNNNL\*SILRRRPRNCNTQF\*LWRGIFLL\*YNKAV\*\*YLEYNRVV\*\*YQVD\*SN\*E\*Y\*HHTPM\*NKTNCKQVAGSRKSNVCPSHQRTN\*MYIKYYRAAINKRW\*DKERDEKERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHHGKEKSGAKRKKSSRNNRSYVP\*VLGGSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*CATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*KYK\*YLG\*HDLDAVGKEN\*QLHRLNIQLD\*RIAKPTRKE\*TRINAIGKVGQLVELV\*HNKMAVVYKNIHNDNRRISRVKNSFYCTFYSE\*S\*AGILTIIVPDPPPSQEGTRQARRNRRRRWRERQRQIRTI

>B.2010.KT427675.-

MEPVDPKLEPWKHPGSQPTTACTNCFCKVCCFHCQVCFTRKALGISYGRKKRRQRRRTPQGSQTHQTPLSEQ\*VIYVMIPLVIGAIVALVIVAIIAIVVWSIVLIEYRKVLRQRKIDRIIERIIERAEDSGNESEGDQEELSGLMEMGHHAPWDVNDL\*YCRTIVGHSLLWGTCVERSNHHSILCIRC\*RI\*YRGT\*CLGHACLCTYRPQPTRSSIGKCDRKV\*HVEK\*HGRADA\*GYNQFMGSKPKAMCKVNPTLCYLKLH\*CY\*C\*CH\*W\*Y\*CH\*\*\*YYYNR\*YGGRNKKLLV\*YHLRHKR\*GTERICTVI\*T\*CSTNR\*\*\*Y\*L\*VNKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTV\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KLHEQC\*DHNSTAEQNCNN\*LYKT\*QQYKKKYKYRTRESILYNRRHNRRYKTSTL\*P\*\*RRLGRHFR\*GS\*KIKRTSWE\*NNNNL\*CILRRGPRNCNAQF\*LWRGIFLL\*YNTTI\*\*YLGLECY\*E\*YWRTK\*HHTSMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYHRATINKRW\*\*WD\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIGSSTHQGKEKSGAERKKSSRSARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAKQFAESY\*GATAYVATHSLGHQTAPGKSPGCGKIPKGSTTPRDLGLLWKAHLRH\*CALEF\*LE\*\*ISTVYLE\*HDLDGMGKRN\*\*LHRIHIHFT\*RIAEPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFYCTFYSE\*G\*EGIFTIIVADPPPSPEGTRQARRNRRRRWRERQRQIHKI

>B.2010.KT427676.-

MEPVDPRLEPWRHPGSQPKTACNTCYCKQCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQIYQASLPKQ\*VVHVMQSLTILAIVALVVAAIIAIVVWAIVLREYRKILRQRKIDKIIXRIIERAEDSGNESEGDQEELAALVEMGHHAPLEMGHHAPWNIDDL\*CYRPTIVGHGLLWGTCVERSNHHSILCIKC\*SI\*HRGT\*CLGHTCLCAHRPYPTRSSIGKXDRKF\*HVEK\*HGRTDA\*GCNQLMG\*KPKAMCKINPTLCYSKLHECHSGQFHYI\*DQCHQDRHGRRNKKLLFLYH\*KNKQEKRICTFL\*\*\*FSINR\*K\*YKLYIDTL\*HLSH\*TSLSKGIL\*TNSYTLLYPGWFCASKV\*\*\*EVQWNRTMYKCQYSTMYTWN\*TSSINSTAVKWQSSRRRGNN\*I\*KFHKQCQNHNSTAE\*NCKN\*LYKTLQQYKQKYTYGMGESILCNRKNNRRYKESIL\*P\*\*NRLGQYFKKVS\*KIRRTV\*PYTK\*HNSL\*SFLRRRPRNCNAHF\*LWRGIFLL\*YITAV\*\*YLEEE\*WYLADG\*\*YWAAI\*\*Y\*\*HYHTSMQNKTNCKQMARSRESHVCPSHQGKHYMCIKYYRATINKRWWWKQV\*SLQV\*NLQT\*RRKHEGQLEK\*IIQI\*SSKN\*AIRNSTHQGKEKSGAXRKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQFAESC\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTRLHHCCALEC\*LE\*\*ILG\*DLEQHDLDGVGKRN\*QLYRFNIQLT\*RIAKPTRKK\*KRLIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRINRFKNSFYCTLHSE\*S\*AGILTIIIPDPTPSNEGTRQARRNRRRRWRERQRWIRSI

>B.2010.KT427680.-

MEPVDPRLEPWKHPGSQPKTACTNCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPRDCQNHQVSLSKQ\*VVHVMQSLQVVAIVALVVVGIIAIVVWTIVGIEYRKILRQKRIDRLIDRVRERAEDSGNESEGDQEELSALVDMGHLALWDVNDL\*CHRQIVGHSLLWGTCVERSNHHSILCIRC\*SN\*NRST\*CLGHTCLCTHRP\*ATRSKIGKCNRRF\*YVEK\*HGRTDA\*GHNQFMG\*KPKTMCKINPTLY\*FKLHRL\*WYY\*\*\*YIGRHGGRNKKLLFQVKSRDR\*DAEKQCTFL\*T\*FNANK\*GK\*YKIYIDKL\*YLNH\*TGLSKGIL\*TNSHTLLRPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*TSSVNSITVKWQPSRRRASNKI\*KFHGQY\*KHNSTAERNCKN\*LYKTQQQYKKKYKYKTRGNILCNRRHNRRYKTGILYT\*WDRMGKNFNTDN\*KIRRTV\*YSKYSL\*SIYRRRPRSCNA\*F\*LWRGIFLL\*DNKPI\*\*\*LVKE\*\*YLVKG\*Y\*VR\*\*\*YHHTPV\*NKANYKQVAGSRKSNVCPSHQRSN\*LCIKHYRADINKRWWQR\*\*\*RHQERA\*NLQTWRRKYEGQLEK\*IIQI\*SSKN\*AIRNSTHQGKEKSGAERKKSSNTRSCVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAESY\*GATAYVATHDLGHQAAPGKSPGCRKIPAGSAAPRDLGLLWKTHLHHLCALEC\*LE\*\*ISR\*HLG\*HDLETMGERNR\*LHTRNLQLT\*TIAKPTRKE\*TRITRIR\*MGKFVELV\*HIKLAVVYKNIHHSGSRLSRFKNSFYCIFYSQ\*SQAGILTTIIPDPPPRSEGTRQARRNRRRRWRERQRQIRSI

>B.2010.KT427681.-

MEPVDPRLEPWKHPGSRPSTPCNNCYCKKCCFHCEVCFTRKALGISYGRKKRRQRRRGLPPDNQSRQVSLSKQ\*VVHVMNXLTILAIVALVVVTIIAIVVWTIVLIEYKKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELAXLVEMGHDAPWNVDDL\*CYRKIVGHSILWXTCVERSXHHFILCIRC\*SI\*HRST\*CLGHTCLCTXRP\*PTRSSIGKCDRKF\*HVEKXHGRTDA\*GYN\*FMGSKPKAMCKVNPTLCYLKLH\*DKY\*\*YWK\*\*\*CYQ\*YQRGWWGTNEKLLFQCHRWNKEEKRLCTLL\*C\*CSTNRR\*\*YKLYVKKL\*HLSHYTSLSKDKL\*PNSHTLLYPGWFCDSKM\*\*\*EVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVKWQFSKKRDNTQI\*KFHGQC\*KHNSPTE\*IYRN\*LYKTQQQYKEKYTFWTGANNVCNRRNNRRYKKSILYPEWNKME\*HFKTDS\*KIKRTI\*\*KHSL\*ASHQRRGPRNYNAQF\*L\*RRIFLL\*YINAV\*LD\*KFK\*QCK\*QYDNPMQNKTNCKQVAGSRKSNVCPSHQRTD\*LFIKYHRADINKRWWYQQQQQQ\*DL\*DLQTCRRKYER\*LEK\*II\*I\*SSKS\*AIRSSTHQGKEKSGAERKKSNNTRSHVPWVLGSSRKHYGRSVDDADGTGQTIIVWYSATAEQPAESY\*GATTSVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHRCALEF\*LE\*\*NL\*\*HLE\*HDLDAVGKRN\*QLHRLNIHFN\*KIAKAAGKE\*ARTIGTG\*MGKLVELV\*HNKMAVVYKNIHNDSRRLNRFKNSFTTQLRGDPTGPKESKKKVETETEVDRTDW

>B.2010.KT427682.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRPPQNSQAHQASLPKQ\*VVYVMYTYTLTIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLLDRIAERAEDSGNESEGDQEELSAFMERGHLAPWDVNDL\*CYITIMGHSLLWGTCVERSKHHSILCIRC\*SI\*HRKT\*RLGHTCLCTHRS\*PTGNSFRKCDRRI\*CMEK\*HGRTNAQGYN\*FMG\*KSKAMCKINPALCCFKLY\*LEC\*CYQWECYCYQWEWYCYQ\*D\*SC\*QY\*SC\*Q\*\*GGKFGGRRGKKLLFPYQ\*QDEKGNADRICTFL\*A\*CNVNR\*\*QLHIGKLQHLSH\*TDLPKGIL\*TNSHTLLCPGWFCDSKV\*\*\*GVQWKRTM\*KCQHSAMYTWN\*ASSVNSTTVKWQSSRKRDGN\*IQKFLKQC\*HHNSSAE\*NYNN\*LYKTPQQYKKKYTFGTRGSIICNRKNNRRHKTSTLQP\*\*SRLAENFKTGSYKIKRKI\*E\*NNSF\*SLLRRGPRNCNAYF\*LWRGILLL\*YNTAV\*\*YLEWDTAV\*\*YLEWDGIIR\*LK\*HYHTPMQNKTNYK\*VAGSRKSNVCPSHQRNN\*MFIKYYRATTNKRWW\*RQ\*\*WHRNLQAYRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGHRSCVPWVLGSSRKHYGRSVTDADGTSQTITVWYSATAKQFAESY\*GATTSVATHSLGHQAASGKSAGSRKIPKGSTAPRNLGLLWKTHLPHCCALEC\*LE\*\*ISRSDLG\*HDLDGMGKRN\*QLHKLHIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVELVFHIKLAVVYKNIHNDSRRLNRSKNSFCCTFHNK\*S\*AGILTIVVPDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2010.KT427683.-

MEPVDPKLEPWKHPGSQPRTPCTNCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRTAPRDNQDYQVPLPKQ\*VVHVMQPLVILAIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRITERAEDSGNESEGDQDELATLMEMGHHAPWNVDDL\*CYTIVGHSLLWGTCVERSNHHSILCIRC\*SS\*\*RGT\*CLGYTCLCTYRS\*STRSIIGKCDRKF\*YVEK\*HGRTDASGCNQFMG\*KPKAMCKINPTLCYFKLH\*LLWK\*Y\*\*KKS\*\*YEGRNEKLLFQYH\*QNKKYDAQRICTFI\*T\*FRTTRKG\*YKLYIDKL\*HLSHYTGLSKSNL\*TNSNTLLYPGWFCDSKV\*\*\*EVQWNRTM\*KC\*YSTMHPWN\*ASGVNSTAVKWQSSRRRDSNQI\*KYYKQC\*NYNSTPEGSCTN\*LYKTQQQYKKKYTYGMGKSILCNRRNNRRHKTSLL\*H\*\*GTMGKHSKPDS\*KTKRTIS\*\*NHNF\*SILRRGPRNCNAQC\*LWRGIFLL\*YIRTV\*\*YLVG\*WHQQYRFK\*NNRTSM\*NKTNYKQMAGSRKSNVCPSHQRTN\*LFIKHYRAAINKRWR\*WVWEQ\*DLQTWWRRYEGQLEK\*II\*I\*SSKN\*AIGSSAFQGKEKSGAERKKSGGNTRSHVPWVLGSSRKHYGRSVNNADGTGQTITVWYSATAEQSAESY\*GATTPVATHSLGHQAAPGKSPGCGKIPTGSTAPRALGLLWKTHLPHCCALEC\*LE\*\*ISRPDLEQHDLDAVGERN\*QLHTTDIQLN\*RITDPAGKE\*KRIIGIG\*VGRLVDLV\*HNKMAVVHKIIHNDSRRLNRFKNSFCCNFYSE\*S\*AGILTIIVPDPPPRPEGTRQARRNRRRRWRERQRWIQSI

>B.2010.KT427684.-

MEPVDPRLEPWKHPGSQPKTPCXSCYCKKCSFHCQVCFITKGLGISYGRKKRKQRRRPPQDSQTHQANLPKQ\*VVYVMQDLHIWAIAALVVAAILAIVVWSIVIIEYRKILRQRKIDRLIDRIAERAEDSGNESDGDQEELSALVDMGHDAPWVINDL\*SSAILGHSLLWGTCMERSRHHFILCIRC\*SI\*\*GGT\*CLGHTCLCTHRPQPTRSGIGKCDRIF\*HMEK\*YGRTDA\*GYN\*FMG\*KPKTMCKVNPTLCYSKLH\*\*LAELGEYYR\*RRNKKLLFQRHHKHKR\*GAERICSFL\*T\*CSTNK\*\*\*\*\*YKP\*\*LYKL\*VDKL\*HLSHYTGLSKGNF\*ANSHTLLCPGWFCDSKV\*Q\*DIQWKRHM\*QCQHSTMHTWN\*TSSINSTXVKWQSSRRGYSN\*I\*KFHKQC\*NHNSTVEQTCKN\*LYKTLQQYKEKYKYRTRESILYNRRHNRRHKTSTL\*Y\*WSRME\*HFSTGS\*KIKRTIWK\*NNSL\*FLLRRGPRDCNTQFYLWRGIFLL\*YNTTV\*\*YLA\*\*YFVK\*HNHXPMQNKTNCKHVAGSRKSNVCPSH\*RIY\*LFIKYYRATINKRWW\*QQ\*DQQH\*GL\*AWRRRYEGQLEK\*II\*I\*SSTT\*TTRSSTNQGKEENGAERKKSSGTGSSVHWVLGSSRKHYGRSVSDADGTXQTIIVWYSAAAKQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSAAPGDLGLLWKNHLHHFCALE\*\*LEWK\*ISARHLG\*PDLDAVGKRN\*\*LHRHNIQLT\*RIAKPTREK\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRIKNSFYCTFYSE\*S\*AGIFTIIVPDPPPSSEGTRQARRNRRRRWRERQRHIRTI

>B.2010.KT427685.-

MEPVDPRLEPWKHPGSQPETPCNKCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRAPPNSPHYPVPLSNQ\*VIHVMFSLQIAAVVALVVTAIIAIVVWSVVFIEYRRILRQRRIDRLIDRIRERAEDSGNESDGDREELSALVEMGHDAPWDVNDL\*C\*RKILGHSLLWGTCMERSNYHSILCIRC\*SI\*PRGT\*CLGHTCLCTHRS\*PTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPALCHLKLH\*FYK\*QCYCHF\*\*\*EGRNEKLLFLHLHRHRREEERLCTF\*\*T\*FSTNKK\*\*\*LYVSKLQHLSPNTGMSKDNL\*TNSHTLLCPGWFCDFKV\*\*YKVQWNRTM\*KCQHSTMYTWN\*ASSVNSTAIKWQFIKRRGND\*I\*KYLKQC\*NHNSTAK\*TCKN\*LYKTRQQYKKKYTYGMGKSILCNRRHYRRYKTGTL\*PQ\*RRMEQHINTGS\*KIKRTRTI\*E\*NNNL\*STLRRGLRSCTVQF\*LWRGIFLL\*YNTTV\*QDLE\*DYLEWY\*P\*CNFQ\*KYHNSMQNKTNYKQMAGSGKSNVCPSHQRTN\*VLIKYYRTVINKRWWRREQVQ\*NIQTWRRRYEGQLEK\*II\*I\*SGKN\*AIRNSTHQGKENSGAERKKSSNTRSYVPWVLGNSRKHYGRSVTNADGTGQTIIVWYSATAEQFAESY\*GATAYVETHSLGHQTAPGKSPGCGKIPNGSTAPRDVGLLWKTHLQH\*CALE\*YLD\*G\*\*NFKSNKNLG\*HDLDGMGERN\*QLHKLHIHFT\*RSAEPTRKE\*TRVIRIG\*VGKFVELV\*HNKLAVVYKIIHNDSRGLNRFKNSFYCNFYSE\*S\*AGILTIVIPDPPPSREGTRQARRNRRRRWRERQRQIQSL

>B.2010.KT427686.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPHQDSETHQISLSKQ\*VVYVMQPLSILAIVALVVAAILAIVVWTIVFIEYRKILKQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHDAPWDVDDL\*CHRKIMGHSLLWGTCVERSKHHFILCLRR\*SIFHRGT\*CLGHTCLCTHRP\*PTRNGIEKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCKINPTLCYFKLYSCTLYKWYFEQ\*\*VAM\*YNQ\*QYFL\*\*\*HEELLFQFHHKHR\*DAKRICSFSYI\*FSINR\*\*\*CK\*YR\*KYK\*\*YK\*YR\*YKIL\*VNKL\*CLSRYTGLSKDIL\*TNSHTLLYPGWFCASKV\*G\*EFQWIRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRHSN\*I\*KFLKQC\*NHNSTAEPICNN\*LYKTQQQYKKKYTYGTRKSIFCNRRHNRRHKTSTL\*H\*WDTMEQCFTTDSYKIRRTI\*\*NKNSL\*SVIRRGPRSCDAHF\*LWRGVFLL\*YNTAV\*\*YLGWK\*Y\*KQ\*HRRK\*NYHTPMQNKTNYKYMAGSRKSNICPSHQWKD\*LFIKYYRAAINKRWWVQ\*E\*DLQTHRRKYDG\*LEK\*II\*I\*SSKN\*ALRSSTHQGKEKSGAKRKKSCGSNRSYVPWVLGSSRKHYGRSVADADGTGQTIIVWYSATAKQLAEGY\*GATAPVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLLWETHLHHCCALEY\*LE\*\*VSG\*DLE\*HDLDGLGERN\*QLYRLNILLN\*KIAKPTGKE\*TRIIRIG\*VGQFVELVQHNTMAVVYKNIHNDSRRLNRFKNNFCYTFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.2010.KT427687.-

MEPVDPELEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQHSQSHQVPLXKQ\*VVYVMITLQIVXIVALVVVAIIAIXVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSTLVDMGHHAPWDVNDL\*CRKLVGXSLLWGTCVERSXHHSILCIRC\*SI\*PRGT\*CVGHTCLCTHRP\*PTRSTIGKCDRKF\*HVEK\*HGRTNA\*GHNQFMGSKPKXMCKINPXLCYFKLX\*XXQQY\*YYCNQQ\*\*YYCESHQYGRNKKLLFQYHHTYRK\*DADSCTFL\*PRCRTNR\*\*\*\*EXXXYKL\*KL\*ADKL\*HLSH\*TGLSKGIL\*TNSHTLLCPGWFCDSKV\*RYKVQWNRTMXXCQHSTMHTWN\*ASSVNSTAXKW\*SSRGGGN\*I\*KXHEQC\*NHNSTAE\*NCXN\*LYKT\*\*QYKKKYKYRTRESILCNKSHNRKYKASTL\*SY\*NKMGRHSKTNSYKIKRTISE\*KHNL\*SKLRRGPRNCNAHF\*LWRGIFLL\*YIKIVS\*NLEF\*Y\*DLE\*WY\*RNRGK\*QWEYHPPMQNKTXYKQVAGSRKSNVCPSHCRTN\*LCIKYYRTVINKRWW\*QY\*\*Y\*DLQTWRRRYEG\*LEK\*II\*I\*SSKD\*ATRNSTHQGKEKSGAEREKSSDTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQXAEXY\*GATAXVAXHSLGHQAAPGKSPGCXKIPKGSTAPXXLGLLWXTHLHHCCALE\*\*LE\*\*\*ISGGHLG\*LDLDGVGERN\*QLHGTNILLN\*GIAEPARKK\*ERIIGIG\*MGKFVDLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIIPDPPPSREGTRQARRNRRRRWRERQRQIRTI

>B.2010.KT427688.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCFHCQVCFTTKALGISYGRKKRRQRRRPPQDSQTHQGSLSKQ\*VVHVMQSLVILAVVGLVVAGIIAIVVWSIVLIEYRKILRQRRIDRLIDRIRERAEDSGNESDGDQGELATLVVEMGHHAPWDVNDQ\*Y\*GRFVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRDA\*CLGHTCLCTHRS\*PTSNTFGKCNRKF\*HVEKQHGRTDA\*GYNQPMGSKPKAMCKINPTLCCFKLH\*CF\*YQCY\*\*\*\*YRREDKRRNEKLLFQCHHKHRK\*DAQRICTFV\*A\*YSINR\*\*\*YKLYIDKL\*YLSHYTGLSKGIF\*TNSHTLLCPGWFCDSKV\*\*SDI\*\*NRTLYKCQHSTMYTWN\*TSSVNSTTVKWQSSRRRCSN\*I\*KFHKQC\*NHNSTAKCICRN\*LYKTRQQYKKKYTSRTRESILCNREHNRRYKKSTL\*H\*\*RQMGEHFKTGNHKIKRTIWEEQNNSL\*ATHRRGSRSCNAHF\*LWRRIFLL\*YIKTV\*\*Y\*EW\*\*HQ\*YWAI\*QYHHTPMQNKTNY\*\*VAGSRKSNVCPSHQRKH\*LFIKHYRATINKRWG\*HN\*Q\*DLQANRRRYEGQLEK\*VI\*I\*SSKN\*TNRSSPHQGKEKSGAERKKSSNTGSCVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISRNDLG\*SDLDGLGERNWQLYKHNIQLT\*TIAEPTRKE\*TRLIGVG\*MGKFVELV\*HIKVAVVYKNIHHDSRRLDRLKNSCCYTFISK\*S\*AGILTLIIADPPPSPEGTRQARRNRSFNC

>B.2010.KT427689.-

MEPVDPRLEPWKHPGSQPETPCXKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQHSPHHQVPLSNQ\*VIHVMFXLQIAAIVALVVTAIIAIVVWSIVVIEYRKILRQRRIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDVNDL\*C\*RKILGHSLLWGTCVERSNYHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSGIXKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPALCHLKLH\*FYK\*QCYYQ\*HCHS\*\*\*EGRNEKLLFLHLHRHRK\*EEERLCTF\*\*T\*YSTNR\*\*\*\*E\*\*LYVSKLQHLSPNTGLSKDNL\*TNSHTLLCPGWFCDSKV\*\*YRVQWNRTM\*KCQHSTMYTWN\*ASSINSTATKWQFIKRRGND\*I\*KYLRQC\*NHNSTAK\*NCKN\*LYKTRQQYKKKYTYGMGKSILCNRRHYRRYKTGTL\*PQ\*SSMEQHFNTGS\*KIKRTXTI\*E\*NNNL\*STLRRGPRNCNVQF\*LWRGIFLL\*YITTV\*QDLE\*DYLXWY\*L\*CNFQ\*NYHNSMQNKTNYKQVAGSGKSNVCPSHQRTN\*XLIKYYRTVINKRWWRREQFQ\*NIQTWRRRYEGQLEK\*II\*I\*SGKN\*AIRNSTHQGKESSGAKRKKSSNTRSYVPWVLGNSRKHYGRSVTNADGTGQTIIVWYSATAKQFAESY\*GATAYVETHSLGHQTAPSKSPGCGKIPKGSTAPRDLGLLWKTHLQHCCALE\*YLD\*G\*\*NFKSN\*NLG\*HDLDGLGERN\*QLHKLHIHFT\*RSAKPTRKE\*TRVIGIG\*VGKFVELV\*HNKLAVVYKIIHNDNRRLNRFKNSFYCNFSSE\*S\*AGILTIVIPDPPPSREGTRQARRNRRRRWRDRQRQIQSI

>B.2010.KT427690.-

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>B.2010.KT427691.-

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>B.2010.KT427692.-

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>B.2010.KT427693.-

MDPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQGSSTHQDPLSEQ\*VVHVMQPLEIASIVALVVAAIIAIVVWTIVLIEYKRILRQKKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWNVDDL\*CFKVGHSLLWGTCVQRSKHHSILCIRC\*SI\*HRGP\*CLGHTCLCTHRP\*PTRNKVGECDRKF\*HVEK\*HGRTDA\*GCNQFMGSKLKAMCKVNPTLCYSKLQ\*CNLQQY\*\*QQ\*Y\*\*\*Q\*\*LFWEGRNDKLLFQHRHTHKR\*GAKRICNF\*\*T\*CSANR\*\*\*\*\*\*\*YRIYVGTLQYLSHYTGLSKDNL\*TNPHTLLYPGWFCDSKV\*\*KEVQWNRTM\*KCQHSTMHTWN\*ASGVNTSAVKWQSGRRRDSN\*I\*KSHKQC\*NHNSTAE\*NSRN\*LYKTQQQYKKKYNYRTRESMVCNRRYNRRYKTSTLQC\*W\*KMGRNSKTDSYRISKTTSE\*NNSL\*SILRRGPRSYNAYC\*LWRGIFLL\*YIRAV\*\*YLAN\*WY\*EW\*PRQWYYHTPMQNKTNYKQVAGNGKSNVCPSHQRNN\*MFIQHYRAAINKRWW\*WKRHRQLHRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTQQGKEKSGAERKKSSDIRSFVPWVLGNSRKHYGRSGTNADGTGQNIIVWYSATAK\*FAESY\*STTAYVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLYHLCALE\*\*LE\*\*ISR\*HLELKHDLEGVGEGN\*QLYRHNIQIT\*RIADPTRKE\*TRLIGIGYVGKPVELV\*YNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRDRQRHIQSL

>B.2010.KT427694.-

MEPVDPRLEPWNHPGSQPKTPCTRCYCKKCCFHCQKCFTTKGLGISYGRKKRKQRRRPPQDGQTDQVSLSKQ\*VVHVMQSLQVAAIVALVVAGIIAIVVWTIVLIEYRKILRQRKIDRLIERIRERAEDSGNESEGDQDEWAALVVDMGHDAPWDVNDL\*CCRSIVGHSLLWGACVERSKNHFILCIRC\*SI\*NRGTQYLGHTCLCAYRP\*PTRSSIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMG\*KLKAMCKINPTLCHFKLH\*CYLCQ\*Y\*HQ\*\*QFDRDTGNKKLLFQYHQRHKKDSAKRICTV\*YT\*CSTNR\*YKPYVNKL\*HLSHYTNLSKDNL\*TNSYTLLCPGWFCDSKM\*\*\*GI\*WNGTM\*KCQYSTMYTWN\*ASSVNSTAVKWQSIRRRGSN\*I\*KSHKQC\*DHNSTAE\*ICNH\*LYKTQQQYKKEFIYGTRESNLCNRRHNRRYKXSTL\*H\*WSKLDKSFRTYSKKITSAI\*\*NNKL\*STLRRGPRNCNAQC\*LWRGIFLL\*YIKAI\*\*YLEWY\*LDDVKYN\*KYHTSMQNKTNYKQVAGSRKSNICPSHPRTN\*MLVKYYRAATDTGWW\*HKQQL\*Q\*HP\*GLQTWRRRYERQLEK\*TI\*I\*GSKNSASRNSTHQGKEKSGAERKKSSRDIWSYVPWVLGSSRKHYGRSISDADGTXQTIIVWYSATAKQFAESY\*GATAYVATHSLGHQTAPGKSPSCGKLPKRSTAPRDLGLLWKTHLHHLCALEC\*LE\*\*IYRSNLGQHDMDGMGKRN\*QLHIYNIQLT\*RIAEPTRKE\*TRIIGIR\*VGKFMELV\*HIKMAVVHKNIHNDSSRPSRFKNNFYCTFYSE\*S\*AGILTIVVPDPPPSSEGTRQARRNRRRRWRERQRQIQSI

>B.2010.KT427695.-

MEPIDPRLEPWKHPGSQPRTPCTKCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSENHQVSLPKQ\*VIHVMXPLTPLSIXAIVALVIVAIIAIVVWTIVIIEYKKILKQRKIDRLIXRITERAEDSGNESEGDQEELAALVERGHLAPWDVNDM\*CCRSIMGHSILWGTSVERSKHHFILCIRC\*II\*HRGTQCLGLTCLCTHRP\*PTRNSIEKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPXLCYVKLHRCEQQWHXQQWQF\*H\*GEGRSKKLLFQCYHRNWEQGEGTICTF\*YN\*YKATR\*G\*YNLYVNTL\*HLSHYTGMSKGILSANSHTLLYPGWFCDSKV\*RWEIQWNRTMYKCQHSTMYTWN\*ASGVNSTTVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAE\*ICSN\*LYKTQQQYKKKYTSRMGEGILYNRRXNR\*YKTGTL\*PXXSRLGKNXXTGRXKIKGKI\*\*NNTL\*QFLRRRPRTCNAHF\*LWRGIFLLQYIGAV\*\*YLAE\*\*\*D\*TPKYHAPMQNKTDYKHVAGSRKSNVCPSHQWTN\*VFIKYHRAAINKRWW\*\*HK\*\*RDLQTWRRRYEGQLEK\*II\*I\*SSKT\*AIRISTHQGKKESGAERKKSSGNARSYVPWVLGNSRKHYGRSITNADGTGQTIIVWHSATAEQFAEGY\*GASAYVATHSLGHQAAPGKTPGCRKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISE\*DLE\*HDLDRVGERN\*QLHRINIHLT\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HIKMAVVYKVIHNDSRRLSRFKNSFYCAFYSE\*S\*AGILTIVIPDPPPSPTGTRQARRNRRRRWRERQRQIREI

>B.2010.KT427696.-

MDPVDPRLEPWKHPGSQPKTACTKCYCKKCCLHCQVCFTTKGLGISYGRKKRRQRRRAPQGSPPHQGSLSKQ\*VVXVMQPLVIASIVALVIVTIIAIVVWTIVLIEYRRILKQRKIERLIDRIRERAEDSGNESEGDHEELSALVVEMGHDAPWNVDDL\*CYKTIVGHSLLWGTCVERSNHHSVLCIRF\*SI\*DRGT\*YLGHTCLCTHRP\*STRSSVGKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKLKAMCKINPTLCYSKLQ\*CKLQWE\*Q\*W\*C\*\*\*\*LL\*KDKLLFQYHHTHKRWGAKRICNL\*\*A\*CSANR\*\*\*\*\*\*IYVGKLQHLSHYTGLSKDILCTNPHTLLCPGWFCDSKV\*\*KDVQWNRAM\*KCQHSTMYTWN\*TSGVNSSAVKWQSGRRRDSN\*I\*XXHKQC\*NHNSTAE\*NSRN\*LYKTQQQYKKKYKYRTRKSMVYNRRNNRRYKTSTL\*C\*XIKMARHSKTDSYKISKAIS\*\*NNSL\*SILRRGPRSYNAHF\*LWRGIFLL\*YIKAV\*\*XLE\*WY\*EG\*\*LYK\*\*RYYHTPMQNKTNYKQVAENGKSNICPSHQRNN\*MFIQHYRAAINKRWWQWERHXXHHRGL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHRGKEKSGAERKKSSGNRSFVPWVLECSRKHYGRSGSDADGTSQTIIVWYSATAK\*FAESY\*STTAYVAAHSLGHQAAPGKSPGCRKIPKGPTAPWNLGLLWKTHLHHFCALE\*\*LE\*\*ISR\*YLENKHDLDGVGERN\*QLYRHNIQIT\*RIAEPTRKE\*TRLIGIG\*MGQSVELV\*HNKLAVVYKNIHNNSRRLNRLKNSFYCTFYSE\*S\*AGILTIVFPDPPPSSRGTRQARRNRRRRWRERQRHIQTI

>B.2010.KT427697.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRAAPRDNQTHQASLSKQ\*VVHVMNSLQIAAIVGLVVALIIAIVVWTIVIIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*CYRKIVGHSLLWGTCVERSNNYSVLCIRC\*SS\*YRGT\*YLGHTCLCTHRPQSTRSXIGECDRRF\*HVEK\*HGRTNA\*GYNQFMGSXPKAMCKINPTLCYYELH\*LCAEWYQDH\*YQYH\*YPY\*\*\*HSXANRNEKLLFQYHHRSKRXDKE\*LCSFI\*T\*YSXIRGX\*Y\*X\*VDKL\*HLSHYTSLSKSNL\*ANSHTLLCPGWFCDSKVX\*\*DVQGXRTM\*XCQHSTMYTWN\*ASSVNSTAVKWQSSKRGGSN\*I\*QFHRQC\*NHNSTAE\*DCKN\*LYKTQQQYKKKYTFRTRKLILCNRSYHRRHKTSTL\*C\*\*KRLE\*NFKAGS\*QIKRRI\*KQNNSI\*XILRRGPRNYXAHF\*LXRRIFLL\*YXXTV\*\*YLEYYRDK\*HK\*H\*K\*H\*QNYHPPMQNKTNYKHVAGSRKSNVCPSHRRND\*LFIKYYRDTINKRWWP\*\*Y\*\*Y\*GGLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRSSSHQGKEKSGAERKKRSDTRSYVPWVLGSSRKHYGRSGNDADGTGQTIIVWYSATAKQFAESY\*GAAAYVATHSLGH\*AAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*KFESDLG\*HDLDAMGKRN\*QLYKHNIHLT\*RIAKPTRKE\*TRLISIR\*VGKLVELV\*YIKLAVVHKNIHNGSRRFDRFKNSFCCAFYSK\*S\*AGILTTIISDPLPSPEGTRQARRNRRRRWRGRQRQIQSL

>B.2010.KT427699.-

MEPVDPRLEPWKHPGSQPRTPCNNCYCKVCCLHCQVCFTRKGLGISYGRKKRRQRRRAHQDSETHQVPLSKQ\*VVYVMQSLEIGAIVALVLVGIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELLALVEVGHDAPWDVDDL\*CYRKVVGHSLLWGTCVERSNYHSILCLRF\*SI\*DRGT\*CLGHTCLCTHKPQTTRSSIGKCDRRL\*HVEK\*YGRTDE\*GYNQFMGSKPKAMCKINPTLCHFKLHGCYYF\*\*CYRECYFDQ\*YCFRRNEKLLFQYHHSHKR\*G\*ERICTVLQA\*CNTNR\*\*Y\*KL\*VDTL\*LLSHYTGLSKGII\*SNSHTLLHPSWFCDAKV\*\*QAIQWKGTM\*KC\*HSTVYTWN\*ASSDNSTAVKWQSSRRGCSN\*I\*QFHRQY\*NHNSTVK\*KCCN\*LYKTLQQYKKKDICRTRESSVCNRRYNRRYKTSTL\*P\*\*PTME\*NLKQDI\*KIKRKIRE\*NNSL\*AICRRGPRDCNAQF\*L\*RGIFLL\*YKPTV\*HK\*NYSK\*NYK\*N\*SQ\*DNHTPM\*NKANYKHVADSRKSNVCPSHQRTN\*LYIKYYRATINKRWW\*N\*\*DQ\*YRGLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRNSTYQGQEKSGAERKKSSGNARSYVPWVLGSSRKHYGRSVNGADGTDQTIIVWYSATAE\*SAEGY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISG\*DLG\*HDLDAVGKRN\*\*LHRLNI\*LT\*RIADPTRKE\*TRIVGIG\*MGQFVDLV\*HNTMAVVYKDIHNDNRRLDRFKNSFCCTFYSK\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.2010.KT427700.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRSPLDSQTDQAALPKQ\*VAYVMQALQIVAIAALVVVAIIAIVVWTIVIIEYRKILRQRKIDRLIDRIAERAEDSGNESDGDQEELSALVEKGHFAYLAPWSVEDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*GISNRST\*CLGHSCLCTHRP\*PSRSKIGECDRKF\*HVEK\*HGRPNA\*GYNQFMGSKPKAMCKINPTLCYFNLH\*FEPYQQWY\*S\*\*\*\*FGKYGRRNEKLLFQCHQKHRE\*VTERICTFV\*T\*YSTNK\*Q\*Y\*LYIDKL\*HLSHYTGLSKDIL\*TNSHTLLYPGWFCDSKV\*\*S\*VQWNRTMYKCQHSTMYTWN\*ASSINSAAVKWQFSKRRGSN\*I\*KFHEQC\*NHNSTIEGPCEN\*LYKTQ\*QYKKKYTYRTRESLLCNRRHNRGHKTSTL\*P\*YGRME\*HFKTDS\*TIKKTI\*E\*NNSL\*LVFRRGPRNCNAHV\*LWRGIFLL\*YNKAV\*\*YLAFE\*YYFE\*YYRVR\*KYHSPMQNKTNYKQVARSRKSNVCPSHQRTN\*VFIKYYRSIINKRWW\*CQRDHHHRDLQTWRRRYEGQLEK\*II\*I\*SSEN\*AIRSSTYQGKEKSGAEGKKSNNRARSCVPWVLGSSRKHYGRSVGNADGTGQTIIVWHSAAAEQSAEGY\*GATAYVATHSLGHQTAPG\*SPGSGKIPTGSTAPRNLGLRWKTHLHHYCALEY\*LE\*\*ISGHDLEKHDLDGVGKRN\*\*LHRLNIHLT\*TIAEPAGKE\*TRIIGIG\*VGKFVDLV\*HNTLAVVYKNIYNDSRRFSRFKNSFYHTFYSE\*S\*AGILTIVISDPPPSPAGTRQARRNRRRRWRERQRQIRTI

>B.2010.KT427701.-

MDPVDPRLEPWNHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPPGSQNHQDSLSKQ\*VVHVMKPIVIASIVALVIXAIIAIVVWTIVLIEYKKILRQRKIDRLIDRIRERTEDSGNESEGDQEELSAILEMGHHAPWNVDDL\*CYKTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRGMVGECDRKF\*HVEK\*HGRTDA\*GCNQFMGSKLKAMCKVNPTLRYSKLQ\*SNLQ\*\*\*H\*\*Y\*\*\*QE\*\*\*Y\*K\*\*YL\*WGGKHDKLLFQHHHTHKR\*DAKTICNV\*\*T\*CSANK\*\*\*\*RIYVGKLQHLSHYTGLSKDIL\*TNPHTLLCPGWFCDSKV\*\*KDIQWNRTM\*KCQHSTMHTWN\*ASGVNSSAVKWQSGRRRDSN\*I\*KYHKQC\*NHNSTAERNNRN\*LYKTQ\*QYKKKYKYRTRESMVCTRSYNRKYKTSIL\*C\*\*SKMEQHSKTDSYKISRTFS\*\*NNXL\*AILRRGPRSCNAHF\*LWRGIFLL\*YIKAV\*\*YLAK\*WYSE\*Y\*LYPTK\*\*YHTPMQNKTNYKQVAGNRKSNVCPSHQRNH\*MFIQHYRANINKRWWQERHRRGLQTWRRRYEGQLEK\*TIQI\*SSKN\*TIRNSTHRGKEKSGAERKKSSDNGSLAPWVLGXSRKHYGRSGNDADGTGQTIIVWYSATAK\*FAESY\*STTAYVATHSLGHQAAPGKSPGCRKIPKGSTAPWDLGLLWKTHLHHLCALE\*\*LE\*\*IYK\*NLVKHDLDGVGERN\*QLYSRNIQIT\*RIAEPTRKE\*TRLIVIGSVGKSVELV\*HNKLAVVYKNIHNDSRRLNRLKNSFYCTVYSE\*SQAGILTIVIPDPPPSDRGTRQARRNRRRRWRERQRHIQSI

>B.2010.KT427702.-

MEPVDPKLEPWKHPGSQPKTACTKCYCKKCCYHCQVCFVTKGLGISYGRKKRRQRRGTHQDSEVHQTSLSKQ\*VNTCNAIFSSTINSSISSCRNNSNNCVDHSIHRI\*KNIKAKKNR\*VN\*\*NKRKSRRQWQ\*ERRRSGRFINACGKGASCSLGC\*\*SVGQNSCGLQSIMGYLCGKKQPPHYSVHQMLKVIRQRYIMFGPHMHVYPQIPTHRK\*N\*QM\*QKILTCGRITW\*SRCMRI\*SVYGIKA\*SHV\*N\*PHSVLL\*IVLILLRV\*MLLKMEK\*RTALSTSPQA\*KIRCRKHMLFFIDMIWYK\*IMIVPIVPIVPTIG\*\*VVTPQSLHRHVQRYPLSQFQYIIVPRLVLRF\*NVEIKSSMEKEHVKMSAQYNAHMELSQ\*YQLNCCLMAV\*QKKR\*\*LDLKISQTMLKP\*\*YS\*RNL\*RLIVQDPTTIQEKVYI\*DQGEHFMQQEK\*\*EI\*DKHIVTLAAQNGITLYGR\*LKN\*ENNLGIKQ\*SLINPQEGTQKLHISLLIVEGNFSTVIQHNCLIVLGGLMVLGMILGQMTLSHSHAE\*NKL\*TCGRK\*EKQCMPLPSVDKLTVHQILQGCY\*QEMEVITGRTRPSDLEEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HPPRQEEEWCKEKKEQ\*DSELCSLGSWEQQEALWAQRR\*R\*RYRPDNYCLV\*CNSRAIC\*RLLRRNSICCNSQSGASSSSRQESWLWKDTYRINSSWEFGVALENSFAPLMCLGILVGVTNLWITFGVT\*PGCSGRKKLTITQA\*YIT\*LKNRRTSRRKMNRNCWNWINGQVCGVGLA\*QNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*SLLYFL\*\*IELGRDTHHYRFRPTSQLSGDPTGPEEPKKKVETETETDPVH\*

>B.2010.KT427703.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQDGQTHQVSLSKQ\*VVHVMIPLQIAAIAALVVAGIIAIVVWTIVLIEYRKILRQRKIDRLIERIRERAEDSGNESEGDQDELAALVVEMGHDAPWDVNDL\*C\*RTIVGHSLLWGACVERSNNHFILCIRC\*SICNRGT\*YLGYTCLCPYRP\*PTRSSNGKCDRKF\*HVEK\*HGRTDA\*GYNQYMG\*KLKAMCKINPTLCHFKLH\*FEE\*Y\*YQ\*\*\*RENDDGGRRSKTMLFQYHHRHKKGKANTICTV\*\*T\*YSTNR\*\*QS\*DNLYVKTL\*HLSHYTNLSKDNL\*TNSYTLLCPGWFCDSKM\*\*EAI\*WNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSNQI\*KFHKQC\*DHNSTAE\*ICKN\*LYKAQQQYKTKYTYRTRESNLCNRTNNRRYKKSTLYY\*WNRMGKNFNTNS\*QIISTI\*\*NNKIY\*LLRRGPRNCNAQC\*LWRGVFLL\*YNKAI\*\*YLE\*YTAS\*WYLE\*YLLEV\*SAK\*NYHTSMQNKTNYKHMAGSRKSNICPSHQRGN\*MLIRYYRVATDTGWW\*HEQQL\*RRL\*SLQTWRRRYERQLEK\*TI\*I\*GSEN\*AIRNSTHQGKEKGGAERKKSSGDNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAESY\*GATAYIATHSLGHQTAPGKSPSCGKIPKRSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*I\*KGNLGQHDMDGMGERN\*QLHKYNI\*LT\*TIAKPTRNK\*TRIIKIGPVGKFMELV\*HIKMAVVYKNIHNDSSRHNRIKNNFYCIFYSE\*CQAGILTIVVPDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.2010.KT427704.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQGSQTDQASLSKQ\*VVHVMLSLQIVAIAALVVAAIIAIVVWTIVIIEYRKIRKQRRIDRLIDRIIERAEDSGNESEGDHEELSGLMEMGHHAPWDVDDL\*CYKQHRTIVGHSILWGTCMERSNHHSILCIRC\*SI\*TRST\*YLGHTCLCTHRP\*PSRSKIGKCDRKF\*HVEE\*HGRTNA\*GYNQFMGSESKAMCKINPTLCYSKLH\*LEEQYFE\*Y\*\*QYYECYCK\*RDARRNKKMLFQCHHRHRRQEKERICIFL\*T\*YSTNR\*\*G\*YKQ\*\*\*YKQ\*\*ECKLYADKL\*HLSHYTGLS\*DKL\*TNSHTLLCPGWFCDSKV\*\*\*SV\*WIRTMYECQHSTMYTWN\*ASGVNSTTVKW\*LSRERDND\*I\*KFLRQC\*KFNSTAEEPCKYYL\*KTQQQCKKKKDTYRTRESILCNNRHNRKHKTSTV\*P\*YDKVE\*HFKRDS\*KIKRII\*K\*NNNLYSALRRGPRNYKAQF\*LWRGIFLL\*YNKVV\*\*YLVE\*YLE\*\*LYSQYYRKYYTPMQNKTNYKQMAGSRKSNVCPSHRRTN\*MFIKYYRDDINMGWGERNQGQ\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*ANRSSTHQGKEKSGAERKKSGNARSHVPWVLRSSRKHYGRSVNDADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGH\*AAPG\*SPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*NYGSDLE\*LDLDGMGQRS\*QLHKLNIHLN\*RIAEPTGKK\*TRIIRIG\*VEQFVELV\*HIKMAVVYKNIHNDSRRFNRFKNSSFHTFYSE\*S\*AGILTIVISDPPPSPAGTRQARRNGRRRWRERQRQIRTI

>B.2010.KT427706.-

MDPVDPRLEPWKHPGSQPKTPCTKCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVPLSKQ\*VIYVMQALIIASIAALVVVGIIAIVVWTIVLLEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVLEXGHHAPWDVDDL\*CYRTTVGHSLLWGTCVERSKRHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSTIEKCDRRV\*HLEK\*HGRTDARGCNQFMG\*KPEAMCKDNSTLCCSKLH\*YQ\*\*YQ\*\*Y\*CH\*CQ\*\*\*FGREKGNKKLLF\*YRHRHKKEGAKRICTV\*YT\*YSTNR\*YLLYVNKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKV\*\*\*GIQWNRTM\*KCQYSTMHTWN\*ASSVNSTAVKW\*SIRRRDST\*I\*KFHK\*C\*DHNSTAE\*YYRN\*LYKTQQ\*YKKKYTHGTRESILCNRKHNRRYKTSTL\*H\*WSKMGKSFTTNRSKIKAAI\*\*NNKL\*SILRRGPRNCNAQF\*LWRGIFLL\*YITDI\*\*YLA\*QV\*RVK\*NYHTSMQNKTNYKQVAGSRKSNVCPSYQRTN\*MLIKYYRAIINKRWW\*HKRDWQ\*DLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPSSGKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*DLE\*HDLDGVGERN\*QLYKSNIHCT\*RIAEPTGNK\*T\*IIGIG\*VDKFMELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTLVVPDPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2010.KT427707.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFIKKGLGISYGRKKWRQRRRAPQDSSSYQVSPSKQ\*VXHVMXSLXIVAIAAXVVXIIIAIVVWTIVLIEYRKILRQRKIDXLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPALMEMGHPAPXDVNDDL\*G\*RRKIMGHSLLWGTCVERGNHHSILCIRC\*GI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRSDA\*GCNQFMGSKPKTMCKINPTLCXSKLH\*LCQYY\*YYYLYY\*YY\*\*\*DGGRNKKLHFQCHHKHKK\*GEKRICTF\*YT\*FSTNR\*R\*YKLYVDKL\*HLSHYTVLSKGDL\*TNSHTLLCPSWFCDSTM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASSVNSTAVKWQPSRRRGSN\*I\*EFLKQC\*NHNSTAK\*LCNN\*LYKTQQQYKEKYTYXTGKNILCNRSNNKKYKTSTL\*P\*\*NRMGPSFNAHSYKIKRAI\*\*NNNL\*CILRRGPRDCNAHF\*LWRGIFLL\*YNRAV\*\*\*\*YLE\*Y\*\*\*\*\*E\*\*NIYHTMQNKANYKQVARSRKSNVRPSHQRNNSLYIKYYRAAINKRWWE\*FRK\*NFQTCRRRYEGQLEKRII\*I\*SSKN\*ANRTSTYQGTEKSGAERKKSSDTGSYVPWVLRSSRKHYGRSVNNADGTGQTIAVWYSATAE\*SAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISEYNLG\*HDLDAVGERN\*QLHRLNIHFT\*RIAKPTRKE\*TRITGIG\*VGKFVELVQNIKLAVVYKNIHNDSRGLNRFKNSFCCAFYNQ\*S\*AGILTIVIPDPPPNLEGTRQARRNRRRRWRARQRQISSI

>B.2010.KT427708.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRTPQGSQTDQASPSKQ\*VAYM\*CNPYK\*\*Q\*\*H\*\*\*\*Q\*\*Q\*\*CGP\*\*V\*NTGKY\*DKRK\*TG\*LIE\*\*KEQKTVAMRAMGIRRNYQHLWRGASLLLGMLMICSATEKLWVTVYYGVPVWKEATTTLFCASDAKAYKTEAHNIWATHACVPTDPSPQEIKLGNVTEYFNVWKNNMVEQMHEDIISLWDQSLKPCIKLTPLCVTLNCTNLNXTTTNNSSWXNMXXGEIKNCSFNVTXSIGNKXQXEYALXYKLDLVPIDNXNESYTLINCNTSVITQACPKISFEPIPIHYCAPAGFAIIKCNDKEFSGKGLCKNVSTVQCTHGIKPVVSTQLLLNGSLTEGGEVVIRSENFTDNAKTIIVQLDTPVTINCTRPNNNTRKSIRIGPGQAFYATGDIIGNIRQAHCNISREDWNKTLEKIAKKLREQYNNSGTIVFNQSSGGDPEIVMHTFNCGGEFFYCNTTQLFNSTWLFNSTWNSTTSNTTNNDTITLPCRIKQIINRWQEVGKAMYAPPIXGKISCSSNITGLLLIRDGGVNGTNTTETFRPGGGNMKDNWRSELYKYKVVQIEPIGIAPTRAKRRVVQREKRAITLGAMFLXFLGAAXSTMGAASXTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAXERYLRDQQLLGIWGCSGKLICTTTVPXNXSWSNKSLTSIWDNMTWMQWEKEIDNYTGLIYTLIXKSQNQQEKNEQXLLELDKWASLWNXFDISXWLWYIKIFIMIVGGLIGLRIIFTILSIVNRVRQGYSPLSFQTHRPAPRGPDRPEGIEEEGGERDRDTSGQL

>B.2010.KT427709.-

MEPVDPRLEPWKHPGSQPKTDCTKCYCKQCCYHCQLCFTTKGLGISYGRKKRRQRRGPPRDSQIDQASLSKQ\*VVHVMQPLMQSLQIAAIVALVVVAIIAIVVWAIVLIEYRKILRQRKIDRLIVRISERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCRQVVGHSPLWGTCVERGNHYSILCIRC\*GI\*HRST\*CLGHTCLCTHRS\*PTRIRIKKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKTMCKINPTLCHFKV\*\*YQ\*\*WGGSI\*RRNEELLFQYHH\*HER\*GTKTICTFLYT\*YSTNR\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCASKM\*\*\*KVRWKREM\*QC\*HSTMYTWN\*ASSINSAAVKWQFSRRRDSN\*I\*KSHEQC\*KHNSTAE\*DCNN\*LYKAQQQYKKKYNYRTRKSILWNRYNRRYKTSTLQP\*\*\*RLE\*YFKTDS\*QIKRTIY\*\*NNIF\*SILRRGPRNCNAQF\*LWRGIFLL\*YNRPV\*\*CLAV\*QYWE\*DWTVKYYTPMQNKTNYKHVAGGRKSNVCPPHPRTN\*VFIKCYRANISKRWW\*QYQRDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*ASRISTHQGKEKSGAEKKKSGGNAGSCVPWVLGSSRKHYGRSVNDTDGTGQTIIVWYSAAAEQFAEGY\*GATPSVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCCALEC\*LE\*\*IFWANLE\*HDLDGVGERN\*QLHRHHI\*LT\*GIAEPAGKE\*TRLIGIG\*VGQFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSFCCIFHSR\*S\*AGILTFVIADPPPSSEGTRQARRNRRRRWKKKQRWIQSI

>B.2010.KT427711.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISHGRKKRRQRRRTPRDSPTHQVSLSEQ\*VVHVMQTQALQISAIAALVVAAIIAIIVWTIVLVEYRKILRQRRIDRLLERIRERAEDSGNESEGDQEELGEMGYLAPWNADDL\*WYRTIVGHSLLWGTCVERCNHHSILCIRC\*SI\*HRDA\*CLGHTCLCTHRP\*PTRSGIGKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKTMCKINPNLCYFRLH\*VEEK\*HCH\*\*HY\*CH\*\*LGKDGGRNKKLLF\*CHHRLRK\*GAKRLCTV\*\*I\*SSTNR\*EQCKLYVDEL\*HLSHYTGLSKGIF\*TNSYTLLCPGWFCDSKV\*\*\*AVQWNRTM\*KCQYGTMYTWN\*ASSVNSTVVKWQSSRRRDNN\*I\*EFNKQC\*NHNSTAE\*NSTH\*LYKTQQQYKKKYTYGMGENNVCNRRHNRKYKTSTL\*H\*QSRMEQNFKTGSYEINRKF\*C\*YNSF\*KFLRRGPRNYYA\*F\*LWRGIFLL\*YSTAV\*\*YLD\*\*\*YGTADSK\*HWRKYHPPMQNKTNYK\*MAGSRKSNVCPSHRRTN\*MFIKYYRAAVSKRWWKQH\*VYQ\*V\*NL\*AWRRRYEGQLEK\*II\*I\*NSKN\*AIRXSTHQGKXXSGAERKKSSGSIRSYVPWVLGSSRKHYGRSGSNADGTS\*TITVWYSATAKQFAEGY\*GATAPVATHSLGRQAAPGKSPSCGKIPTGSTAPRNLGLLWKTHLHHCCTLEY\*LE\*\*N\*GRDLG\*HDLDAVGERN\*\*LHRTHIQLA\*TIAKPTGKE\*TRLIEIG\*VGKFVELV\*YLTLAVVYKNSHNDSRRINRFKNSFYCTFCSK\*S\*EGILTIIVPDPIPSSEGTRQARRNRRRRWRGRQRQIQSI

>B.2010.KT427712.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKVCCLHCQVCFMKKGLGISYGRKKRRQRRRSPQDSQTHQVPLSKQ\*VVHVMQPLQIAAIVGLVIAAIIAIVVWTIVYIEYKKILRQKKLDRLIDRIRDRAEDSGNESEGDQEELSALVLEMGHDAPWDVNDL\*C\*GKIVGHSLLWSTCVERSKHHSILCIRC\*SI\*HRDA\*CLGHTCLCAHRP\*PTRNSIGKCDRKL\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*IEKWNQWKCNQWNQGNQ\*NYRSKNSGRNKKLLFQYHHKHRE\*DAERICAFL\*I\*YRSNR\*E\*YKLYVDKL\*HLSP\*TGLSKGIL\*TNSHTFLCPGWFCDSKV\*RSKVQWNWTMHQCQHSTMHTWN\*ASSVNSIAVKWKSSRRRNSNQISESHRQC\*NHNSTAERNCRN\*LYKTQQQHKKRYTYGMGENILCNRRNNRRYKAITL\*HF\*NKVERHLTKGS\*KIKRTI\*E\*NNNKV\*SVLRRRPRNHNAQL\*LWRGIFLL\*YITAV\*\*YLVV\*\*YXE\*\*Y\*E\*Y\*XNYHTPM\*NKTNYKQMAGSRKSNVCPSNQRNN\*MFIKYYRAAINKRWWEG\*\*HGRDLQTCRRRYEGQLEK\*II\*I\*SSKS\*TNRSSTHPGKKKSGAERKKSIGDARSCVPWVLGNSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GATASVAAHSLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*IYGSDLGEHDLDAVGERS\*QLHKPNIHLN\*RIAEPAGTK\*TRIIGIR\*VGKFVELVRHIKLAMVYKNIHNDSRRLSRFKNNFFCSFYSE\*S\*AGILTIIIPDPLPSREGTRQARRNRRRRWRERQKRIDAI

>B.2010.KT427713.-

MEPVDPRLAPWEHPGSQPETACTTCYCKRCCFHCYKCFMDKGLGISYGRKKRRQRRRAPQGSETHQASLSKQ\*VVYVMQSLEKLAIVALVVATILAIIVWTIVLIEYRRILRQKKIDRLIDRIAERAEDSGNESDGDQEELSEIMERGHLAPWDVNDW\*CYKKFVGHSLLWGTCVERCNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSXXXXCDRKF\*HVEK\*YXRTDARGCN\*FXX\*KPKAMCKINPTLCYLKLH\*LGQ\*CQ\*\*\*CE\*DRQRRNKKLLFQYLHKSER\*ETERICTLL\*T\*CSINR\*\*\*Y\*L\*FNKL\*HLSCYTGLSKGIF\*ANSHTLLCPG\*FCDSKV\*R\*ELQWNXIMSKCQHSTMYTWN\*TSGINSIAVKWQSSRRRDSN\*I\*KFHKQC\*NYNSTAE\*SCRN\*LYKTQQQHKEKYKYRTRESLLYNRRHNRKYKTSTL\*H\*WNKMD\*HVKTVSYKIKRTI\*\*YNNNSL\*\*LLRRGPRNCNAQF\*LWRGIFLL\*YNKPVQQYLE\*HY\*RK\*HRKYRKYHTPVQNKTNYKHVAASRKSNVCPSHRRTN\*LFIKYYRVVTNKRWW\*\*\*F\*\*L\*NLQAWRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTH\*GKEKSGAERKKSGTRSFVPWVLGSSREHYGRSGSNADGTGQNIIVWYSAAAKEFAESY\*GATTSVATHSLGHQTAPGKSPGCGKIPRGSTAPGNVGLLWKTHLHHCCALEC\*LE\*\*ISG\*HLE\*HDMDRMGKRN\*QLHRRHIQLT\*RIAEPTRKE\*TRIIGIR\*MGKFMELV\*HNKLAVVYKNIHNDSRRLGRSKNSLFCTFSSE\*N\*AGILTIIVADPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2010.KT427714.-

MEPVDPKLEPWKHPGSQPRTPCNTCFCKRCCFHCQVCFTRKGLGISYGRKKRRQRRRAHQDSETHQASLSKQ\*VVHVMQPLIIAAIVALIVAAIIAIVVWSVVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKYRKVVGHSLLWGTCVERSKYHSILCIRC\*SI\*SRST\*CLGYTCLCTHRPQPTRSSIEKCNRKLQHVEK\*HGRSDA\*GYNQLMGSKPKAMCKINSTLCHFNLQ\*CGK\*CYA\*\*\*YNRRNKKLLFQCHHRRTR\*SSERTCTFL\*A\*CSTNR\*\*NHK\*YT\*\*S\*L\*VDKL\*HLSHYTGLSKGNI\*SDSHTLLRPGWFCDSKV\*GSEVQWKGTM\*QCQHSTMYTWN\*ASSVNPAAVKWQSSRRGGSN\*I\*QFLR\*C\*KHNSTAEDSCRN\*VYKTQ\*QYKKKYTYGTRESILCNRRHNRKYKTSIL\*SFETKLD\*HFKRDK\*QIKCTI\*Q\*INSL\*ATLRRRPRNCYAQF\*LWRGIFLL\*YITTV\*WYLECYGKKYNNGGK\*KYHTPM\*NKTNYKHVAGSRKGNVCPSHQRTN\*LYIKYYRDNINKRWWYRPEYY\*\*Y\*DLQTWRRKYERQLEK\*TI\*I\*SSKN\*TIRNSTHQG\*ETSGAERKKSSGTRSYVPWVLGSSRKHXXXSVIDADGTGQTIIVWYSATAK\*FAEGY\*GATAYVATHSLGH\*TAPGKNPGCGKIPKGSTAPRDLGLLWENHLRHCCALEC\*LE\*\*TLDKIWKHDMDGVGKRN\*QLYRLNIHLA\*RITKPTRQE\*TRLIGIR\*LGKFVELVRYNKMAVVYKNIHNNSRRFDRIKNSFCCAFYSK\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2010.KT427715.-

MXPVXPXLEPXKHPGSQPKTPCTKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQDGQTDQVSLSKQ\*VVHVMQSLQIAAIAALVVVGIIAIVVWTIVLIEYRKILRQKKIDRLIKKIKKKAEDSGNXXXGNQNKLAALVVDKHNAPWNVNNL\*YCKIIVGHSLLWGACVEKSKNHFILCIKC\*SI\*HRSTQCLGHTCLCTYRP\*PTKSKIKKCNRKF\*HVEK\*HGKTNA\*KYNQFME\*KLKAMCTTNPTLCHFKLH\*C\*N\*C\*N\*CHWCSN\*CHW\*HQ\*YQFDRATGNKKLLFQYHHRHKKDXAKXICTV\*YTRCNTNR\*\*\*YKLYVNKL\*HLSHYTNLSKDNL\*TNSYTLLCPGWFCDSKM\*\*\*GI\*WNRTM\*KCQYSTMYTWN\*ASSVNSAAVKWQSIRRRGNN\*I\*KSHRQC\*DHNSTAE\*ICDH\*LYKTQQQY\*KEFIYGTRESNLCNRRHNRRYKXSTL\*XX\*SKLXKSFXTHS\*KIXSTI\*\*NNKL\*FILRRGPRNCNAQC\*LWRGIFLL\*YIKAI\*LYLE\*YV\*XV\*XHRVK\*XYHTSMQNKTNXKQVAGSRKSNICPSHPRTN\*XLIKDYRAATDTGWWYKQL\*QL\*RGLQTWRRRYERQLEK\*TI\*I\*SSKNSASRNSTHQGKEKSGAERKKSSGDIWSYVPWVLGSSRKHYGRSISDADGTGQTIIVWYSATAK\*FAESY\*GATAYVATHSLGHQTAPGKSPSCGKLPKRSTAPRDLGLLWKTHLHHLCALEC\*LE\*\*IYRSNLEQHDMDGMGERN\*QLHIYNIQLT\*KFADPTRNK\*KRIIGIG\*LGKFMELV\*HNKLAVVYKNIHNDSSRLSRIKNNFYCIFYSE\*S\*AGILTIVVPDPPPSSEGTRQARRNRRRRWRERQRQVQTI

>B.2010.KT427716.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKVCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQSSQADQVSLPKQ\*VIYVMQTLQIVAVAALVVATIIAIIVWTIVLVEYKKILRQRKIDRLIDRIIEKAEDSGNESEKDQEELSALMETRHHAPWNVDDL\*CRAVVGHSLL\*GTCVEKSKHHSILCIRC\*SISNRST\*CLGYTCLCTYRP\*PSRGKIGKCDRIF\*HVEK\*HSRTNA\*RYNQFMGSKP\*AMCKINPTLCYFKLH\*CNY\*E\*DK\*ECNY\*E\*DK\*\*CDRTARAAKKHAKLLFQHLHNKKEQE\*LCNFF\*S\*YSTNR\*G\*\*\*YKLYVEKL\*HLSHYSGMSKDIL\*TNSHILLCPGWFCDSKM\*\*\*\*FQWIRTM\*KCQHSTMYT\*D\*ASGVNTTAVKWQSSRGRRCNN\*I\*KFHKQC\*NHNSTAE\*ICNN\*LYQT\*QQYKKKYTSRSKESTLYNRHSRRHKKSILYH\*\*DRVEKHFRKGS\*KIKRTI\*YVTNSL\*SVLRRGLRNYNAHF\*L\*RGIFLL\*YNRAV\*\*YVELYYKDKYYKVKYHTPMQNKTNYKQVAGSKKSNV\*PSHQRKN\*VFIKYYRDTINKR\*\*\*\*Q\*HEQDRDLQTRRRRYEGQLEK\*II\*I\*SSKN\*AIKNSTHQGKEKSGAERKKSSNTRSYVPWVLGNSRKHYGRSGTDADGTGQAIIVWYSATAEQFAESY\*GATAYVATHSLGHQTAPG\*SPSCRKIPKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*I\*GRHLE\*HDLDGMGQRN\*QIHKRNILIA\*KIAEPTGKE\*TRLIGIGQVGKFVELV\*HIKMAVVYKNIHNDSSRFSRFKNSLFHTFFSE\*S\*AGILTIVISDPPPNPTGTRQARRNRRRRWRERERQIRTF

>B.2010.KT427717.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKQCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQGSETHQEAIPKQ\*VIHVMNSLQIVAIVALVVVAIIAIIVWSIAFIEYRKLLRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDVRDL\*CRRAILGHSLLWSTCVERCSNHSILCIRC\*RI\*HRGT\*CLGHTCLCAYRS\*STRNRIGKCDRKF\*HVEKRHGRTDA\*GCNQSMGSKSKALCRTNPTLRYSKLH\*LERKSHC\*\*YYH\*YEKLLFQCNHKNKAGSATRICIV\*\*T\*CSTNR\*YKLYVGRL\*HLSH\*TSLSKSIL\*TNSHTLLYPGWFCDSKVQG\*GVQWFRTM\*KCQHSTMYTWN\*ASSVNSTAVEWQSSRRRRGSN\*ISKFHRQC\*SYHSTAEGTCKN\*LFKARQQYKKKYIYGIWESNLCNRRHNRRHKKSTL\*H\*Q\*\*MA\*SFKSDSYKIKRTI\*\*NNSL\*SFLRRGPRNCNVHS\*LWRGIFLL\*FNTTI\*\*YLE\*YCLE\*DY\*\*KWNYHTSMQNKTNYKQVAGSRKSNICPSYCRKYYMFFKHYRDFVNKRWWDERKRYHRDL\*TCRRRYERQLEK\*II\*I\*SSKT\*AIRDSTHQVKENSGAERKKSSGDIRSYVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQYAEGY\*GATTYVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*ISRYHLG\*NDLDAVGERN\*QLHRFNIRIT\*RIAKPTRKE\*KRIIGIG\*VG\*FVDLV\*HIKLAVVYKNIHNDSRRFSRFKNNFYCAFYSE\*S\*AGILTIVVPDPPPSSEGTRQARRNRRRRWRERQRHIRYI

>B.2010.KT427718.-

MEPVDPRLEPWNHPGSQPKTACTRCYCKKCCYHCQICFVTKGLGISYGRKKWRSRRRAPQDNQDNQVSLPKQ\*VIYVMQSLEIAAIVALVVSAIIAIVVWTIVGIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDREELAALVEMGHHGHDAPWDVNDL\*SYRTIVGHSILWGTSVERGNHYSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSIIRKCNRRL\*HVEK\*HGRTDAGGYNQLMGSKSKTMCTINPTLCYFKLYYL\*EYHR\*\*\*YH\*\*YH\*\*\*LERNKKLLFQHHCRRKR\*GEKRACTFLYT\*YSTNR\*C\*\*\*L\*VDKL\*HLSHHTGLSKDILSANSHTLLCPSWFCDSKV\*RQEV\*GNRTMYKCQHSTMYTWN\*ASSVNSAAVKWQSSRRRGNN\*I\*KYLGQCKNHNSTAECICRH\*LYKTQQ\*YKKEHKYRTRESILCNRRNNRRYKTSTL\*H\*WSKME\*NFKNGSYKIKRTL\*E\*NNNL\*SLLRRGPRNSNAHF\*LWRGIFLL\*YIRTVQ\*YLVI\*\*YVE\*Y\*RVRKYHRNYHTPMQNKTNYKHVAESRKSNVCPSHQRKN\*LFIKYYRSAINKGWW\*\*EQQWD\*DLQTWRRRYEGQLEK\*II\*I\*SSKNSTIRDSTQQGKEKSGAKRKKSSNIWSYVPWVLGSSRKHYGRSVNNADGTGQTVIVWYSATAEQSAESY\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKAHLHHYCALE\*\*LE\*LE\*\*RSKSDLD\*HDMDAVGKRN\*QLHRSNIHLT\*KIAKPTRKE\*TRLIGVR\*VGKFVELV\*HNKLAVVYKNIHNDSRRPGRFKNSFCCAFYSK\*SQAGVLTIVISDPPPSPEGTRQARRNRRRRWRERQRHIRAT

>B.2010.KT427719.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRSHQDSQTDQVSLSKQ\*VVHVMLTLTVVTVVALVVALIIAIVVWTIVIIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWDVNDL\*CRRRILGHSLLWGTCVERCKYHSILCIRC\*STLHREA\*CLGHTCLCTHRP\*PTRS\*IEKCNRKV\*HVEK\*HGRTNA\*GCNQFMGSKPKAMCKINSTLCYFKLL\*CYQDQ\*Y\*K\*YYREQ\*YYYGGRGNEKLLFQCHHKQKRQDKERICTFL\*P\*YSTHR\*\*\*K\*YKLYIDNLQYLSPYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*GQKFQWNGRM\*KCQHSTVYTWN\*TSSVNPTAVEWQSSRR\*NNN\*I\*KYHRQC\*NHNSTAEGPCKN\*LYKTQQQ\*KEKYTFGTRESNXCNRKDNRRHKTSTL\*N\*\*GKXE\*HIISGS\*KITRTI\*\*NNKIYSTCSRRGPRNYTAXF\*LWRRIFLL\*YIKAV\*\*QMGV\*\*YLEE\*CY\*VECHYHTPMQNKTNYKPMAKSKESNICPSNCKKN\*MCIKYYKAVINKRWW\*W\*\*NKQ\*Y\*DLQT\*RRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAKREKSSGNIXSYVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSATAKQFAEGY\*GATAYVATHSLGH\*TAPG\*SPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEYYLE\*\*NSEGNLG\*FDLDAVGQRD\*QVHKCNIHFA\*RIAEPAGKE\*TGIIGIG\*VGKLVELVFYNKLAVVYKIIHNDSRRFNSVKNSFCCAFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2010.KT427720.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCLHCQVCFIQKGLGISYGRKKRRQRRRAPQSGQNHQDSLSKQ\*VVYVMKALQIAAIVALVIVGILAIVVWTIVLIEYRKILRQRKIDRLIDRIVERAEDSGNESEGDQEELSALVGMGHDAPWNVNDL\*C\*RTIVGHSLLWGACVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEK\*HGGTDA\*GCNQFMGAKPKAMCKINPTLCYSKLH\*L\*\*YQ\*\*YFG\*EYEGRNKRMLLQYHHKHKR\*GTKTNCTF\*\*T\*YSTNR\*\*\*\*YKQ\*\*CKLYVDKL\*YLSHYTGLSKDNL\*TNSYTLLCPGWFCDSKV\*\*QNVQWKRTMYKCQHSTMYTWN\*ASSVNSTAVKWQFSRRRDSN\*I\*KFLG\*CKNHNSTAEPICSN\*LYKTRQQYKQKYKYGRGKILCNRKNNRKYKTSTL\*P\*\*NRLEKNYKTGKGKITQTI\*\*NNNL\*SLLRRGPRSYTAHF\*LWRGIFLL\*YNKAI\*\*YMVE\*K\*N\*H\*QYHTPMQNKTNYKQMAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWWFRSH\*\*NLQTCGRRYERQLEK\*II\*I\*SSKN\*AIRTGTHQVKESSGAKRKKSSGNGSYVPWVLGSSRKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATAHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLHWKTHLHHCCALE\*\*LE\*\*ISG\*NLE\*HDLDGVGEGN\*QLHRHNIQIT\*RIAEPTRKK\*TRLIGIG\*VGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGILTIVVPDPYPSLEGTRQARRNRRRRWRKRQREIHSL

>B.2010.KT427721.-

MEPVDPKLEPWKHPGSQPKTPCTPCYCKQCCFHCQVCFMTKGLGISYGRKKRRQRRRAPQYHPSNPVSLPKQ\*VVNVMQAIQIVAIVALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSKLVERGHLAPWDIDDL\*CYRRFVGHSLLWGTCLERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRSSIRKCDRKF\*YVEK\*DGTTDASRYN\*SMGSKPKAMCKINPTLCYFRLQK\*D\*WDY\*W\*HRGKRNEKLLFQYHHKQNR\*EAERICSFLQDRFGTNR\*\*\*\*\*E\*\*\*\*\*HYV\*VDKL\*YLNHYTGLSKSIL\*TNSNTLLCPGWFCDSKM\*\*S\*V\*WNRPM\*KCQHSTMYTWN\*TSSVNSTAIKW\*SSRKRDSN\*I\*KYHRQY\*KHNSTAERTCNN\*LHKTWQQYKKKYNFRTRESILHRTHNRRYKTSTLQSF\*NRME\*DFKTHSRKIKRTI\*E\*DNSL\*SFLRRGPRNCNALF\*LWRGVFLL\*YNTTV\*\*YLECK\*K\*YWGRVK\*N\*RLCTPMQNKTVYKHVAGGRKSNVCPSHQWKYYLFIKYYRAAINKRWW\*\*\*HRDL\*TWRRRYEGQLEK\*IIQI\*SSKN\*TNRNSTHQGKEKSGAERKKSSGTRSSVPWVLGSSRKHYGRSVNSADGTGQTSIVWYSATAKQFAEGY\*GATAYVATHSLGHQAAPGKNPGCGKIPTGPTAPGDLGLLWKTHLHHYCALEW\*LE\*ELESDKPEYDLG\*HDLDAVGKRN\*QLHRNNIQSNYRIAGPARKE\*TRITKIG\*LGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCAFYSKKS\*AGILTIIVTDPPPNPEGTRQARRNRRRRWRQRQRKIWSI

>B.2010.KT427723.-

MDPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQGSSTHQGPLSEQ\*VVHVMQPLEIASIVALVIAVIIAIVVWTIVLIEYKRILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWNVDDL\*CYKVGHSLLWGTCVQRSNHHSILCIRC\*SICLRGP\*CLGHTCLCTHRP\*PTRNKVGECDRKF\*HVEK\*HGRTDA\*GCNQFMGSKLKAMCKVNPTLCYSKLP\*CNLQQY\*\*QQ\*Y\*\*\*Q\*\*LFWEGRNDKLLFQHHHTHKR\*GAKRICNF\*\*T\*CSANR\*\*\*\*\*\*\*WCRIYVSTLQYLSHYTGLSKDNL\*TNPHTLLCPGWFCDSKV\*\*KEVQWNRTM\*KCQHSTMHTWN\*ASGVNTAAVKWQSGRRRDSN\*I\*KSHKQC\*NHNSTAE\*NSRN\*LYKTQQQYKKKYTYRTRESMVCNRRYNRRYKTSTL\*C\*WNKMGGNSKTDSYKISKTISE\*NNSL\*ATLRRGPRSYNAHC\*LWRGIFLL\*YIRAV\*\*YLDT\*WYSAK\*WY\*EWYYHTPMQNKTNYKQVAGNGKSNVCPSHQRNN\*MFIQHYRAAINKRWWWWE\*HRQLHRGLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTQQGKEKSGAERKKSSGNARSSVPWVLGNSRKHYGRSVSHADGTGQTIIVWYSATAEQYAESY\*GATAHVATHSLGHQAAPGKSPGCRKIPTGSAAPRDLGLLWKTHLHHFRALEC\*LE\*\*KSDSDLG\*HDLDGVGKRN\*QLHRLNIQLT\*RIAEPTRKE\*TRIISIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTIIISDPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2010.KT427724.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAHQDSKTDQVSLPKQ\*VTHVMQPLEIVSIVALVLAAILAIVVWTIVLIEYRKILRQRKIDKLIDRIAERAEDSGNESEGDQEELSTLMEMGYHAPWDVNDM\*C\*TRRVVGHSLLWGTCVERGNHHSILCIGC\*SI\*TRST\*CVGHTCLCTHRP\*PTRITIGKCDRKF\*HVEK\*YGRPNA\*GYN\*FMGSKPKAMCKINPTLCYFKVH\*FDN\*CHC\*CE\*CHCSNYWFNRGRNEKLLFQCLRRHRKTGAKRICTF\*\*I\*CDTNR\*\*\*EE\*\*YNI\*\*YRLYVGKL\*HLSHYTGLSKDIL\*TNSHTLLCPGWLCDSKVQ\*EEL\*WNRAM\*KCQYSTMYTWN\*TSSVNPTAVKW\*FSRR\*GNG\*I\*KFLRQYSNYNSTAK\*YCKNELYKTRQQYKKKCTYGTWGRNLCNRTNNRRYKKSTL\*H\*\*GRLDRSFKSGSCKIKRTI\*E\*NNKI\*QILRRGPRS\*NVQFQLWRGIFLL\*YNTTVYNTTV\*\*DMGV\*\*YWTKCYR\*YHTPMQNKTNYK\*VARSRKSNVCPSHQRIY\*LFIKYYRTPINKRWGQ\*NRWERDL\*TYRRKYEG\*LEK\*II\*I\*SSKN\*AIRSSTHQGKAKSGAERKKSHNNGSYVPWVLGSSRKHYGRSVNGADGTGQIIIIWYSATAEQFAEGY\*GATTSVATHSLGHQTAPG\*SPGCGKIPTGSTAPRDLGLLWKTHLHH\*CALELYLE\*\*IYK\*HLG\*HDLDGVGQGNSKLHRINIHLN\*RIANPTGKE\*TRLIEIG\*MGKFVELV\*HIKMAVVYKNIHNDSRRHSRFKNSLYCTFYSK\*N\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2010.KT427725.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRTPQDSETHQASLPKQ\*VVHVMVPLTILTVVAFIVVTIIAIVVWTIVFIEYRKIVRQRKIDRLIDRIREREEDSGNESDGDQEELSAILEVGHLVPRNIDDL\*CCRTILGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGTQCLGHTCLCTHRPQPTRNSIXKCYRKL\*HVEK\*HGGTDASGYNQFMX\*KPKAMCKINPTLYYFKLH\*LFK\*Y\*\*CHY\*\*GGAGRNKKLFFQYHHKHKR\*SEERICTFLYNGCSTSKG\*G\*\*\*\*K\*YQL\*\*HLSHYTGLSKGIL\*SNSHTLLCPGWFCDSKV\*Q\*DVQWIRTMYKC\*HSTMHTWN\*ASSVNSTTVKWQSGRRRCSN\*ICQLLK\*C\*SHNSTAE\*ICSNKLYKT\*QQYKKRYTYRTRESILCNRRDNRKYKTSTL\*H\*\*STMEQNLKTDSWKTKRTI\*QDNNL\*SLLRGGPRNCNAHF\*L\*RGIFLLQYIQTV\*\*YME\*H\*TGGEE\*H\*\*NYHTPMQNKTNYKYVARSRKSNVCPSYQRTA\*LFIKYYRADTNKRWWPRERDQ\*\*NIQTWRRRYEGQLEK\*II\*IQSSKN\*TTRNSTHQGKEKSGAERKKSRGNARSYVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAEQSAESY\*GAAAYVATHSLGHQTAPGKSPGYRKIPTGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*NSK\*HLGEHDLDAMGKRN\*ESHRHNIHLT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNTMAVVYKNIHNDSRGLDRFKNNFCCAFYSE\*S\*AGILTIVISDPPPSSEGTRQARRNGRRRWRERQRQIHSI

>B.2010.KT427726.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCYHCQVCFVTKGLGISYGRKKRRQRRRTPQDSETHQASLPKQ\*VVHVMVSLTILTVVAFIVATIIAIVVWTIVFIEYRKIVRQRKIDRLINRIREREEDSGNESDGDQEELSTILEVGHLVPRNIDDL\*CCRTILGHNLLWSTCVERSNHHSILCIRC\*SI\*YRGTQCLGHTCLCTHRPQPTRNRIGKCYRKL\*HVEK\*HGGTDASGYNQFMG\*KPKAMCKINPTLYYFKLH\*L\*WN\*\*CHY\*\*GGAGRNKKLLFQYHHKHKR\*SEERICTFLYNGCSTNK\*\*R\*\*YK\*YQL\*VDKL\*HLSHYTGLSKGIL\*SNSHTLLCPGWFCDSEV\*\*\*DI\*WIRTM\*KC\*HSTMHTWN\*ASSINSTTVKWQSSRRRRSN\*ICQLLGQC\*GHNSTAE\*ICSNKLYKT\*QQYKKRNTYRTRESILCNRRNNRRYKTSTL\*H\*\*STMEQNLKTDSWKTKRTI\*QNNNL\*SLLRGGPRDCNAHF\*L\*RGIFLLQYNQPV\*\*YME\*H\*TCREWH\*TV\*\*QCHNRTPMQNKTNYKHVAGSGKSNVCPSXQXTN\*LFIKYYRADINKRWWS\*ERDR\*\*NRDIQTWRRRYEGQLEK\*IIQI\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGHSVNNADGTGQAIIVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGYRKIPTGSTAPRDLGLLWKTHLHHCCALE\*\*LEC\*LEQ\*NSG\*DLE\*HDLDAMGKRNRKLHRHNIPLT\*RIAKPTRKE\*TRIIGIG\*VGKFVELV\*HNTMAVVYKNIHNDSRGLDRFKNNFCCAFYSE\*S\*AGILTIVISDPPPSSEGTRQARRNGRRRWRERQRQIHSI

>B.2010.KT427727.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFLKKGLGISYGRKKRRQRRRAPQSSPTDQVSPSNQ\*VVHVMQSLVILAIAALVVVAIIAIVVWTIVFIEYRKILRQRRIDRLLDRIRERAEDSGNESEGDHEELSTLLEMGHDAPWNVDDL\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*ST\*HRST\*CLGHTCLCTYRP\*PTRSKIEKCDRKF\*HVEK\*HGRTNAGGYNQFMGSKPKAMCKVNPNLCYFRVQKCYF\*LHKFERQYH\*\*KLHKCEKRYLYR\*WGNEKLLFQCYHKHKK\*DEK\*ICTFL\*P\*YRKNR\*YKLYIEKL\*HLSHYTGLSKGIV\*TNSHTLLCPGWFCDSKX\*\*XQVQWXRXM\*XCQHSTMYTWN\*ASSVNSTAVKWQFSRRXRGSN\*I\*KSHKQC\*NHNSTAEEPCKNKLYKTQ\*QYKKKYTXRTRXSILCNRRHNRRHKASTL\*P\*\*ERLE\*HFKRDSYKTKRTI\*E\*NNNL\*SVLRRGPRNCTAHL\*LWRGIFLL\*YIKTV\*\*YLD\*\*YFGYQVQYDR\*\*YHTPMQNKTNYKQVAGSRKSNVCPSNQWTN\*MFIKYYRAIINKRWW\*\*\*\*HE\*DLQTWRRRYEGQLEK\*II\*I\*SGTN\*AIRSSTHQGKEKSGAERKKRNNNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQTAPG\*SPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*IL\*PXLE\*HDLDGVGQRS\*QLHKINIXLN\*RIAEPTGEE\*TRIVGIG\*VGKFVELV\*YNKLAVVYKNIHNXSRRISRFKNSFCXTXYSX\*S\*AGILTIVIADPPPSPAGTRQARRNRRRRWRERQRQIQAI

>B.2010.KT427728.-

MEPVDPRLEPWNHPGSQPKTACNNCYCKVCCYHCQLCFTTKGLGISYGRKKRSQRRRPPRDSQTHQVSLSKQ\*VVNVMHSLTVVAIVALVIAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERATDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CYRTVVGHSLLWGTCVEGSNHHSILCLRC\*SS\*HRGT\*CLGHTCLCAHRS\*PTRNKIEKCDRKI\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*SEECYWC\*\*HWY\*WH\*WY\*\*Q\*CEICGGGHEKLLFQYHHKHRK\*DEERTCTFLYI\*CSKNR\*Q\*QWYKL\*INKL\*HLGCYTSLSKDILYSNSHTLLCPGWICDSKV\*\*\*EVQWIRNMYRCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KSHKQC\*NHNSTAEQVYSN\*LYKTQQQYKKRYPYGTGKNILCNRRNNRRYKTSTL\*P\*\*NTME\*NFRTNSRQIKRTLS\*\*NNNF\*PILRRGPRNCNAQF\*LWRGIFLL\*YNKTV\*\*YVAVAA\*QYYK\*D\*RVR\*\*HNHTPMQNKTNYKQMAGNRKSNVCPSHQGTN\*MFIKYYRAAINKRWWKCW\*\*DQ\*DLQTWRRRYEGQLEK\*VI\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSIGNAGSYVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAEGY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWETHLHHCCALE\*\*LE\*\*\*N\*\*KSQSDLG\*YDLDAMGERN\*QLHRLNLQFT\*KIANPTRKK\*TRLIGIG\*VGKFVELV\*HLKLAVVYKIIHNNSRRLSRFKDSF\*CNFLSE\*S\*AGILTIIIPDPPPSAEGTRQARRNRRRRWRERQRWIKTI

>B.2010.KT427729.-

MDPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQGSPNHQDPLSEQ\*VVHVMQPLTIASIVAIVIAAIIAIVVWTIVLIEYKRILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWNVDDL\*CYKTIVGHSLLWGTCVERSNHHSILCLRC\*SI\*PRGT\*CLGHTCLCTHRP\*PTRSSVGECDRKF\*HVEK\*HGRTDA\*GCNQLMGSKLKAMCKVNPTLRYSKLQ\*CKLHW\*Q\*R\*VFRRNDKLLFQHHHTHKR\*GAKRICNF\*\*T\*CSANR\*\*\*\*\*\*\*YKIYVGQLQHLSHYTGLSKDIL\*TNPHTLLCPGWFCDSKV\*\*KDVQWNRTM\*QCQHSTMYTWD\*ASGVNSSAVKWQSGRRRDNN\*I\*KSDKQC\*NHNSTAERNSRN\*LYKTQQQYKKRYKYRTRESMVRNRSYNRKYKTSIL\*C\*\*NKMEQHSKTDSYKISKTIS\*\*NNSI\*ATLRRGPRSYNAHF\*LWRGIFLL\*YIRAV\*\*YLAK\*WY\*EWY\*XKQWYYHXTPMQNKTNYKQVAGNXKSNICPSHQXNN\*LFIQHYRAAINKRWWRWEQHR\*HHRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHRGKEKSGAKRKKSSGNRSFVPWVLGSSRKHYGRSGNDADGTGQTIIVWYSATAK\*FAESY\*STTAYVATHSLGRQAAPGKSPGCRKIPKGSTAPWDLGLLWKTHLHHLCALE\*\*LE\*\*ISK\*HLELKHDLDGVGKRN\*QLYRHNIQFT\*RIAEPTRKE\*TRLIGIG\*VGKPMELV\*YNKLAVVYKNIYNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIVIPDPPPSSRGTRQARRNRRRRWRERQRHIQAI

>B.2010.KT427730.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTDQVSLPKQ\*VVYVMQHLYILGIVALVVATILAIIVWTIVYIEYRKIVRQKKIDRLLERIIERAEDSGNESEGDQEELSALMEMGRHAPWDVNDNL\*CYRQFVGHSLLWGTCVERSIHHSILCIRC\*SIRHRGT\*CLGHACLCTHRP\*PTRNKIGKCDRKF\*YVEK\*HGRTNAGGYNQFMGSKPKAMCKINPTLCYFKLH\*L\*K\*\*YH\*YY\*KYRNEKLLFQCHQQNKKHITERICCFL\*T\*YRTNR\*G\*CKRCRQ\*KL\*KLCVDKL\*HLSHYTGLSKDIL\*TNSNTLLCPGWFCDSKV\*\*\*\*VQWNRTMYKC\*HRTVYTWN\*ASSVNSTTVKWQFSRRRRGST\*I\*KFHKQC\*NHYSTAEGTCKN\*LYKT\*\*QYKKKYTFRTRTSIICNRRYNRRYKTSTL\*P\*QGRLE\*NFKTNSSKIKRAIWE\*NNNL\*SGLRRGPRNCNAQF\*LWRGILLL\*YNTAV\*\*YLGGE\*YYK\*YCQDRNYHTPMQNKTNYKQMAGSRKSNVCPSHQGTN\*LFIKYYRDTITKRWWC\*YHE\*DLQTWRRRYEGQLEK\*II\*I\*NSKN\*AIRSSTHQGKKKSGAERKKSSNIRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQYAESY\*GATASVATHSLGH\*TTPG\*SPGCGKIPKGSTAPRDMGLLWKTHLHHYCALEY\*LE\*\*ISRTDLE\*HDLDGVGQRS\*QLHKVNILLN\*RIAEPTGKK\*TRIIGIG\*VGKFVELV\*NIKLAVVYKSIHNDSRRFSRFKNSFCHIFYSE\*S\*AGILTIIISDPPPSPAGTRQARRNRRRRWRERQRQIRTI

>B.2010.KT427731.-

MEPVDPRLEPWKHPGSQPRTLCTNCFCKKCCFHCQVCFTKKALGISYGRKKRGQRRRAPQDSQTDQVSPSKQ\*VIHTCNAILTNNSSSSISSSSNNSNSCVDHSGPRI\*ENIKTKKNR\*VN\*\*NKRKSRRQWQ\*E\*RGSGGIISTYGDGESCSLGC\*\*SVVLKKICGSQSIMGYLCGKKQKPLYFVHQMLKDIVQRHIMFGPHMPVYPQTPIHKKYYWKM\*QKILTCGKTIW\*NKCRRI\*SVYGIKA\*SHV\*N\*LHSVLL\*IAVMLIIPVMLPIVVQEGWRKEE\*KTALSMSPT\*TRNIENMHFFINLMWCQ\*IMKQAIY\*\*IVTPQSLHRPVQRYPLNQFPYIIVPRLVLRF\*SVMSLSSMEQDHVKMSAQYNVHMELGQ\*CQLNCC\*MAV\*QKKR\*\*LDLKILQTMLKP\*\*YS\*RNL\*KLIVQGPTTIQEKVYIWDQGEHFGQQER\*\*GX\*DKXIATLVWKNGITL\*NR\*LIN\*KNNLGIKQ\*SLINLQGVIQKL\*CTVLIVEGNSSIVIQHSCLIVPGILLPSQXLQG\*TTLTXRSHSHAE\*NKL\*TGGRK\*ENQCMPLPSQDKLDVHQTLQDYY\*QEMVVXTRTRLRPSDLEEEI\*GIIGEVNYINIK\*\*KLSH\*E\*HPPRQGEEWCREKKEQ\*R\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRTIC\*GLLRRNSICCNSQSGASSSSRLESWLWKDTYRINSS\*GFGAVLENSFAPLMCLGILVGVINL\*MTFGKT\*PGWSGTEKLIITQTSYTP\*LKNRKINKKRMSKNYWNWISGQVCGIGLT\*QIGCGI\*KYS\*\*\*\*EV\*\*V\*E\*FLLYFL\*\*IELGRDTHHYHFRPASQPRGDPTGPKESKKKVERETETDPVD\*

>B.2010.KT427732.-

MEPVDPNLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRPPQNSQTHQASLPKQ\*VVYVMQALIILAIVALVVVAIIAIVVWTIVFIEYRKILKQRKIDRIIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*C\*RSNVGHSLLWGTCVERSKNYPVLCIRC\*SI\*DRGT\*YLGHTCLCTHRP\*STRSSIGKCDRKF\*HVDK\*HGGTDA\*GYNQFMGSNPKAMCKNNPTLCYFKLH\*LEEEXYX\*X\*L\*\*YGGRDGEGKFALSILPQT\*RMVQQDYAL\*YT\*YSTNXK\*DRKSDIXXLYIGNL\*HHNL\*HHKXYTDLPKDIL\*TNSHTLLRPGWFCDSKV\*\*\*KVQWIRTMYKCQHSTMYTWN\*ASSVNSTAVKWQY\*QKKRQ\*\*I\*KFLRQC\*KYNSAAK\*NCKN\*LYKTQQQYKKEYTHGMGESNLYNRRHNRRHKTSTL\*C\*CRKME\*HFKTDSYKINGTISK\*NNNL\*\*IHRRGPRSRTAHD\*LWRGIFLL\*DNTAV\*\*HLVKY\*Y\*V\*\*Y\*RGWSTKYHTPMQNKTNYKQMAGSRKSNICPSHPGTN\*MYIKYYRADIDTGW\*W\*SNR\*H\*RNLQTNRRKYAGQLEK\*II\*I\*SGKN\*ASRNSTHQGKEKSGAERKKSSGNTRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQPAEGY\*GATAFVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHLCALEC\*LE\*\*IL\*\*DLE\*HDLDAVGERN\*QLHRLYIQFT\*RIAKPTRKE\*TRIIGIR\*VGKFVELV\*YIXLAVVYKNIXNDSRRLNRFKNNFYCTFYSE\*S\*AGILTIVVPDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.2010.KT427733.-

MEPVDPRLEPWKHPGSQPKTPCSKCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTDQVSLSKQ\*VVHVMLSLGILAIAALVVAVIIAIIVWTIVLIEYRKILRQKEIDRLLDRIRERAEDSGNESEGDEEELSALMEMGNHAPEMGNHAPWNVDDL\*CYRTIVGHSLLWGTCVERCKHHAILCIRC\*SI\*KRST\*CLGHTCLCTHRPQPSRSKIGKCDRKV\*YVEKQYGRTNA\*GYNQFMG\*KSKAMCKINPSLCYFKLQ\*FE\*Y\*FE\*Y\*\*QQ\*\*T\*YGTRRNEKLLFQCHQPDKK\*VTEGICTFV\*V\*SDGSR\*\*ELYVDKL\*HLSHYTSLSKGILGTNSNTFLCPGWFCDSKV\*\*\*\*V\*WNRTM\*KC\*HSTMYTWN\*ASSVNSTAVKW\*FSKGRRGSN\*S\*KLHRQC\*NHNSTAESICMD\*LYKTQQQYKKKYTYRTRESILCNRRHNRRHKTSTL\*P\*QRRLE\*NFRLDSQRSKKTISIR\*\*NNNL\*WVLRRGPRNCISHF\*LWRGIFLL\*YNKAV\*\*YLGV\*WYLEGYK\*Q\*\*\*YHNTMQNKTNYKQVARSRKSNVCPSRQRTNQMFIKYYRTTINKRW\*\*\*\*\*\*Y\*DLQTWRRKYEGQLEK\*II\*IQSSKN\*AIRSSTHQGKEKSGAERKKSGNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQTAPG\*SPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LEQ\*ISENNLGQHDLDGVGQRS\*QLHRPNIHLT\*RIAESAGKE\*TRIIGTG\*VGKFVDLV\*HNKLAVVYKIIHNDSRRFSRFKNSFYCTFYSE\*S\*AGILTIVISDPPPSPAGTRQARRNRRRRWRERQRQIRTI

>B.2010.KT427734.-

MDPVDPRLEPWKHPGSQPRTACTKCYCKRCCLHCQVCFLTKGLGISYGRKKRRQRRRPDQGSQTHQDSLSKQ\*VIHVMQASVILAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIERIRERAEDSGNESEGDEEELAALEMGRLAPWDVNDL\*CCIRIRFVGHSLLWGTCVERSNHHSVLCIRC\*SIQNRNA\*CLGYTCLCTHRPQPTGSILGKCDRRV\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCTINPTLCYSQLH\*SSA\*LH\*F\*V\*EHYDYSRRRCKKLLFQ\*HHRDKRQVAERICSLT\*T\*YSTNRE\*SDW\*L\*\*L\*IDKL\*YLSHYSSLSKGNI\*ANSHTLLCPGWFCDSKV\*R\*KVQWNWNM\*KCQHSTMYTWN\*TSSVNSTAVKWQSSRRRDST\*IRKLLEQC\*NHNSTAAHTCTN\*LYKTWQQYKKKYTYRTRESILCNRRHNRRYKRSTL\*P\*\*DTVEEHFTKHI\*RIKKTI\*\*DNNL\*SILRRGPRNCNAQS\*LWRGIFLL\*YNTTV\*\*YLE\*WY\*KDQWHNNTPMQNKTNCEQVAGSRKSNVCPSHQGIH\*LFIKYYRAAINKRWWQQ\*\*QPERDLQTRRRRYEGQLEK\*II\*I\*SSKD\*TIRNSTHQGKEKSGAKRKKSSGSTRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAK\*FAESY\*GAAASAATHGLGH\*TAPGKNPGCGKIPGGSTAPRDLGLLWKTHLHHCCALEH\*LE\*\*IFRLHLGKHDLDAVGKRN\*QLHRLNIQPN\*RIAEPAGKE\*TRIVRMG\*VGKLVELV\*HNKLAVVHKNFHNDSRRLGRVKNSFCCTFNNK\*S\*AGILTNIISDPPPSPEGTRQARRNRRRRWRERQRQIRSL

>B.2010.KT427735.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRTSQGYQTNQVSLSKQ\*VVYVMQSLQIASIVALVVVALIAIVVWTIVFIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHLAPWDIDDL\*CYRKIVGHSILWSTCVERSIHHSILCIRCQSI\*HRGT\*CLGHTCLCTHRP\*PTRNSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLHWG\*DK\*DK\*YQ\*\*\*\*FYYGW\*R\*VNELLFQCRLNHKR\*GEERICTFL\*I\*CSTNRK\*\*NLYINTL\*HLSHYTGLPKGIL\*TNSHTLLYPCWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSVTVKWQPSRRRGSNQI\*KFHKQR\*NHNSTAERVCSD\*LYKAQQQYNKKDTYRTRESILCNRTNNRRHKKSTLQH\*WYRMGQNFKTGG\*ETQCTVWK\*NNSLQKLLRRGPRNCNA\*F\*LWRGIFLL\*YSTVV\*F\*LEFYLDLE\*\*YK\*YWV\*KQNYHTPV\*NKTNHKQVAGSRKSNVRPSNPRKY\*LFIKYYRAAINKRWRQQYR\*RYRDLQTWRRKYEGQLEK\*II\*IQSSKN\*AIRSSTHQGKEKSGAERKKSSGNIRSCVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHHRCALEC\*LE\*\*KSESDLG\*PDLDGVGKRN\*QLYRLNI\*LN\*SIAEPAGKE\*TRIIGIG\*VGKFVELV\*YNXMAVVYKNIHNDSRRLNRFKNSFCCTXHSE\*S\*AGIFTIIVPDPIPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2010.KT427737.-

MEPVDPRLEPWKHPGSQPTTACTKCYCKQCCFHCQVCFIQKGLGISYGRKKRRQRRRATPDTSIHQGSLSKR\*VVNVMQPLVIAAIVALVVGIIIAIVVWTIVLIEYRKILRQRKIDRLLDRIRDRAEDSGNESEGDQEELGELGYLAPWDVDDL\*CYRANVGYSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRS\*PTRKGIGKCNRRF\*HVEK\*HGRTDA\*GYNQPMG\*KPKAMCKIDPTLCYFKLH\*LECHCQ\*CHCQ\*RDGG\*NKKLLFL\*PHKDRKEAKRICTV\*\*P\*CSINK\*\*Q\*\*CKLYVDKL\*HLSHYTGLSKNIF\*TNSYTLLCPGWFCDFKV\*R\*VVQWNRNMPKCQYSTMYTWN\*ASSINSTTVKWQSSRKGDSNKI\*KFNKQC\*NHNSTAERNCTD\*LFKTQQ\*YKKRYTYWTGESILCNRRNNRRYKKSILYH\*\*R\*MEQHFKTDSYKIKGKI\*\*\*YNNL\*SILRRGPRNCYAYF\*LWRGIFLL\*YNTAV\*\*YLE\*NS\*YLEYEYNWK\*QYHTPVQNKTNYKQVARSRKSNICPSHQRKN\*LSIKYYRAAVSKRWW\*EHKWVRNLQTWRRKYEGQLEK\*II\*I\*SSKN\*TTRNSTHQGKEKSGAEREKSSGNTGSYVPWVLGSSRKHYGRSGNNADGTGQTIIVWYSATAK\*FAEGY\*GATAHVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*NLQ\*DLE\*HDLDAVGERN\*QLHRLNIQLA\*KIAEPTRNK\*KRIIGA\*\*VGKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNSFCCAFYNK\*G\*AGILTTIIPDPPPSSRGTRQARRNRRRRWRKRQRWIHSI

>B.2010.KT427738.-

MDPVDPRLEPWKHPGSQPKTACTKCYCKQCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGPTDQVPLSEQ\*VVYVMSTLIIVAIAALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLLERISERAEDSGNESEGDHEELSALVERGHLAPWDVNDL\*CCK\*DVGHSLLWGACVEGSNHHFILCIRC\*SI\*NRGS\*YLGHTCLCTHRP\*PSRNRIEKCDRRF\*HVEK\*HGRPNA\*GYNQFMGSKPKAMCKINPTLCHFRLQKYK\*KCHCXK\*KYH\*CK\*YY\*GGWRHEKLLFQCHHNRKKQGKDRICIF\*\*T\*YSTNR\*\*\*YTIYIDNL\*HLSHYTGLSKDIL\*TNSHTLLCPGWICDSKV\*\*\*\*LQWNRKMYKCQHSTMYTWN\*ASSVYSITVKW\*FSRKXSSN\*I\*KFHKQC\*EYNSAATGPCSN\*LYKTQQQYKKRYTYGTRADILCNRTNNRRHKKSTLYH\*\*EQLEQHFRTGS\*KIKRTI\*E\*NNNL\*SVLRRGPRNYNAQL\*LWRGIFLL\*YNTTV\*\*YLAK\*WYLE\*\*\*\*\*RE\*HIHTPMQNKTNYKQVAGSRKSNICPSHQWTN\*LFIKYYRDNINKRWW\*ERK\*WDRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSNTRSCVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATPHVATHSLGH\*TAPG\*SPGCGKIPKGSTAPRNLGLLWKTHLQH\*CALE\*\*LE\*\*ISEYNLG\*HDLDGMGQRN\*QLHKHNIHLN\*KIADPAGKE\*TRIIVIG\*VGKFVELV\*HN\*MAVVYKNIHNDSRRNSRFKNSFYCNFYSE\*S\*AGILTIVISDPPPSPAGTRQARRNRRRRWRERQRQIRTI

>B.2010.KT427739.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQGSPTHQGSLPKQ\*VLHVMQSLEITAIVALVIAVIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYKTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSSVGECDRKF\*HVEK\*HGRTDA\*GCNQFMGSKLKAMCKVNPTLCYSKLQ\*CNLHWK\*H\*\*\*C\*\*\*H\*\*\*L\*WTGGDIEGRNEKLLFQHHHTHKR\*GAKRICNF\*\*T\*CSANK\*\*\*Q\*\*\*\*VYVDTLQHLSHYTDLSKDIL\*SNPHTLLYPGWFCDSKV\*\*KDVQWNRTM\*KCQHSTMYTWN\*ASGVNSSAVKWQSGRRRDSN\*I\*KSHKQC\*NHNSTAEQNSTN\*LYKTQQQYKKKYTYRTRESMVYNRSYNRKYKTSTL\*R\*\*NRMGRHSK\*DSYKISRTIS\*GNNSL\*TILRRGP\*SYNAHF\*LWRGIFLL\*YIRAV\*\*YLAK\*WY\*E\*Y\*LYK\*Y\*L\*YHTPMQNKTNYKQVAGNGESNICPSHQRND\*LFIQHYRAAINKGWWQRWERHRERHRDLQTWRGRYERQLEK\*IIQI\*SSKN\*TIRNSTH\*GKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGNDADGTGQTIIVWYSATAK\*FAESY\*GTTAYIATHSLGHQAAPGKSPGCGKIPKGSTAPWDLGLLWETHLHHLCALE\*\*LE\*\*VSR\*HLENKHDLDGVGERN\*QLYRHNLQIT\*RIAEPTRKE\*TRLIGIG\*VDKSVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFFCTFYSE\*S\*AGILTTVISDPPPSSQGTRRARRNRRRRWRERQRHIQAL

>B.2010.KT427740.-

MEPVDPRLEPWKHPGSQPGTACTKCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAPQDGTANQGSLSKQ\*VVYVMVPIQIVAIAALVIVAIIAIVVWTIVIIEYRKILRQRKIDRIINRIVERAEDSGNESEGDQEELAALVEMGHDAPWNVNDL\*SYRTTVGHSLLWGTCVERSNHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTGSTIGKCNRRF\*HVEK\*HGRTDAGRCNQFMGSKPKAMCKINPTLCYFKLHQ\*CYYYQ\*\*\*Y\*NGRKRRDKKLLFQYNHKHKQ\*GKTRLCTF\*YA\*CSANRY\*\*YKLYVNKL\*HLSHYPGLSKGIL\*TNSHTLLYPGWFCASKV\*\*\*EIQWIRTLYKCQYSTMYTWN\*ASSVNSAAVKWQSSRRRDSN\*I\*KFHKQC\*NHNSASQHNSKYYLCKTQQ\*YKKKYTYRTRKSILCNRTNNRRYKKSTL\*P\*QSRLGRHFKKGS\*KIKGTL\*\*NNKL\*AVLRRGPRSCNAQC\*LWRGIFLL\*YNTAV\*\*YLE\*NTAG\*LE\*K\*\*YK\*YHTPMQNKTNCK\*VAGSRKSNVCPSHPRTN\*MYIKYYRDAIDKRWG\*\*K\*HERERNLQTCRRRYEGQLEK\*II\*IQSGKN\*TIRNSTHQGKENSGAKRKKSSGNRSCVPWVLGSSGKHYGRSVNSADGTGQTIIVWYSATAKQFAEGY\*GATAYVATHSLGHQTAPSKSPGCGKIPKRSTAPRDLGLLWKTHLHH\*CTLEC\*LE\*\*NCRRDLG\*HDLDAVGERN\*QLHRFNIQLT\*RIAKPTRKK\*TRIIGIGSVGKFMELV\*HNKMAVVYKNIHNDSRRPSRFKDNFYCAFYSK\*S\*EGILTIIIPDPPPSSEGTRRARRNRRRRWRERQRQVQKI

>B.2010.KT427741.-

MDPVDPRLEPWKHPGSQPRTACTNCYCKKCSFHCQVCFLTKGLGISYGRKKRRQRRRPDQGSQTHQDSLSKQ\*VLHVMQALVILAIVALVVVAIIAIVVWSIVFIEYRKILKQRKIDRLIERIRERAEDSGNESEGDEEELAALEMGHLAPWDVNDL\*CCIRIVGHSLLWGTCVERSNHHSVLCIRC\*SIQNRSA\*CLGYTCLCTHRPQPTGSILGKCDRRV\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCTINPTLCHSKLH\*SSA\*FH\*S\*F\*LYYE\*YSSRRCRCKKLLFQYHHRGKRQVAERICSLT\*T\*YSANRG\*\*\*\*\*SDW\*Q\*L\*IDKL\*YLSHYSSLSKGNI\*ANSHTLLCPGWFCDSKV\*R\*KVQWNWNM\*KCQHSTMYTWN\*TSSVNSTVVKWQSSRRRDST\*I\*KLLEQC\*NHTSTAAHTCTN\*LYKTRQQYKKKYNYGTRESILCNRRHNRRYKKSTL\*P\*\*STVEKHFKKHICRIKKTL\*QGNKL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLEWEWY\*RVQFH\*RE\*HNNTHMQNKTNCEQVARSRKSNVCPSHQGIH\*LFIKYYRAAINKRWWHQ\*KQGDL\*TRRRRYEGQLEK\*II\*I\*SSKD\*TIRNSTHQGKEKSGAKRKKSSGNTRSYVPRVLGSSRKHYGRSVNNADGTGQTIIVWYSATAK\*FAESY\*GAAAPAATHGLGHQTAQGKTPGCGKIPGGSTAPRDLGLLWKTHLHHCCALEH\*LE\*\*ICRIHLGKHDLDAVGKRN\*QLHRLNIQPN\*RIAEPAGKE\*TRIVRIG\*VGKLVELV\*HNKMAVVHKNLHNDSRRLGRVKNSFCCTFNNK\*S\*AGILTNIISDPPPSPEGTRQARRNRRRRWRARQRQIRSL

>B.2010.KT427742.-

MEPVDPRLEPWKHPGSQPKTACNNCFCKRCCYHCQACFTTKGLGISYGRKKRRQRRRTPQDSPTDQVSVSKQ\*VIYVMLPIQILAIIALVVVAIIAIVVWTIVFIEYRKIRKQKKIDRLIDRIAERAEDSGNDSDGDQEELSALVGMGHDAPWNVNDL\*CHRRIVGHSLLWGTCVERSNHYSILCIRC\*SIQYRGT\*CLGHTCLCTHRS\*PTRSKIGKCNRKF\*HVEK\*HGRTNAGGYNQFMGSKLKAMCKINPTLCYFKLH\*CKC\*\*YQ\*\*YRRTDGERRIKKLLFQCHQQHKKQVTERICTFL\*T\*CNANR\*LYKLYIDKL\*HLSHYAGLSKGIL\*TNSHTLLCPGWFCASKV\*\*\*YIQWIRTMYKCQHSTLYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KSHRQY\*NHNSTTEGSCSN\*LYKTQQQYKKKYTYRTRESILCNRYNRRHKTSTL\*P\*\*YRLV\*YFKTSSWKITRKI\*E\*EHNL\*SFLRRGPRSGNAHF\*LWRGIFLL\*YNTAV\*\*YVEGE\*YYYKCYKAR\*HHTPMQNKTNYKQMAXSXKSNVCPSHQRTN\*VFIKYYRITINKRWWQ\*Q\*HERH\*DFQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRISTHQGKEKSGAERKKSSNNRSYVPWVLGGSRKHYGRSVIDADGTGQTIVVWYSATAE\*FAESY\*GATAXVATHSLGHQTAPG\*SPGCGKIPKGSTAPGDVGLLRKTHLHHYCALE\*\*LE\*\*ISGHNLE\*HDLDGVGQRN\*QLHKLNIHLN\*RIAEPTGEE\*TRIIGIR\*MGKFVELVWHIKMAVVYKNIYNDSSRFSRFKNSLCHAFYNE\*S\*AGLLTIVVSDPPPSPAGTRQARRNRRRRWRERQRQIRTI

>B.2010.KT427743.-

MEPVDPRLEPWKHPGSQPKTDCTNCYCKKCCFHCQLCFTKKGLGISYGRKKRRQRRTAPPHSETHQGSLPEQ\*VIDVMQPLIIIAIVALVVVGIIAIVVWTIVLIEYRKILRQRKIDRLISRIIERAEDSGNESEGDAEELAALGDMGPLIVGDINPL\*YSRKVVGHSLLWGTCVERCKHHSILCFRC\*SNRHRST\*CLGHTCLCTHRPQPTGSSIGKCDRKF\*HVEK\*HGRSDA\*GCNQPMGSKLKAMCKINPTLCCFKVH\*CYFKLH\*SE\*HHYYQWYQ\*Y\*YQQ\*\*LSKY\*RNEKLLFQYHHGHRK\*DEKRICTFLYA\*YSTNRK\*\*YKLYVNKL\*HLSHYTSLSKGDF\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTM\*KCQHSTMYTWNSASSINSIAVKWQSSRRRDNN\*I\*KSHRQC\*NHNSASEPICTN\*LYKTQQQYKKKYTYGMGESILYKWRNNRKHKTSTL\*HFQNKLEQYFETDSHKIKRAIQQNNSL\*SILRWGPRNCTAHF\*LWRGIFLL\*YNKAV\*LD\*RIK\*HWRRQYNNYYTPMQNKTNYKQVAGSRKSNVCPSH\*RTN\*MLIKYYRVVINKRWR\*Q\*Q\*LKGDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTQQGKEKSGAERKKSSGNNRSYVPWILGSSRKHYGRSVINADGTGQAIIVWYSATAKQLAESY\*GATSSVATHSLGRQAAPGKSPGCGKIPKGSTAPGDLGLLWKAHLHHCCALEYELE\*\*ISRYDLE\*HDLDGVGKRNRQLHRLNIQPT\*RIAKPTREK\*TRLIAIGSMGKFVELV\*HNKMAVVYKNIHNDSRGLDRFKNSYDCTFYSE\*S\*AGILTIIIPDPPPSSEGTRRARRNRRRRWRERQRQIRAI

>B.2010.KT427744.-

MEPVDPRLEPWKHPGSQPETPCTKCYCKKCCFHCQVCFTNKGLGISYGRKKRRQRRRPSPNGQTDQVSLSKQ\*VVHVMQSLQIAAIAALVVGGIIAIVVWTIVLIEYRKILRQRKIDRIIERIRERAEDSGNESEGDQDELATLVLEMGHDAPWDVNDL\*YCRTIVGHSLLWGACVERSKNHFILCIRC\*SI\*NRGTQCLGHTCLCTYRP\*PTRSSIGKCNRKF\*YVEK\*HGRTDAEGYNQFMG\*KLKAMCTINPTLCRFKLH\*LQCY\*\*QCY\*YP\*\*\*YH\*\*\*CHLERE\*GNKKLFFQCHHRHKTENAKRIRTV\*YT\*CSTNR\*\*\*HKLYVNKL\*HLSHYTSLSKDNL\*TNSYTLLCPGWFCDSKM\*\*\*EI\*WNRTM\*KCQYSTMYTWN\*ASSINSTVVKWQSIRRRGSN\*I\*KSHRQC\*DHNNTAESNCDH\*LYKTQQQYKKKYTYSTRENILCNRSHNRRYKTSTL\*H\*\*NRMERSFRKYI\*KITSTI\*\*NNKLY\*VLRRGPRNCNAQF\*LWRGIFLL\*YNTAI\*SYLGWY\*LD\*S\*LVVKYN\*QYHTSMQNKTNYKQVAGSRKSNICPSHQRTN\*MLIKNYRAATDKGWWQNE\*L\*LL\*GLQTWRRRYER\*LEK\*AI\*I\*GSKN\*ASRNSTHQGKEKSGAERKKSSDTRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAESY\*GATAYVATHSLGHQTAPGKSPSCGKLPKRSTAPRDLGLLWKTHLYHFCALEC\*LE\*\*IYKSNLGQHDMDGMGERN\*QLHNNNIQLT\*SIANPTRNE\*TRIIGIR\*VGKFMELV\*HIKMAVVYKNIHNDSSRLSRIKNNFCCTFYSE\*S\*AGILTIVVPDPPPSTEGTRQARRNRRRRWRERQRQIRSF

>B.2010.KT427745.-

MDPVDPRLEPWNHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPPGSQTHQDSLSKQ\*VVHVMQPLEIASIVALVISAIIVIVVWTIVLIEYRRILRQRKIDRLIDRIRERTEDSGNESEGDQEELSALMEMGHHAPWNVDDL\*CYKTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSKVGKCDRKF\*HVEK\*HGRTDA\*RCNQFMGSKLKAMCKVNPTLCYSKLQ\*CNLQ\*\*\*L\*WEGTNDKLLFQHHHTHKR\*\*EKRTCNF\*\*T\*CSANR\*\*\*\*\*E\*YRIYVGKLQHLSHYTGLSKDIL\*TNPHTLLCPGWFCDSTV\*\*KNVQWNRTM\*KCQHSTMHTWN\*ASGVNPSAVKWQSGRRRDSN\*I\*KYHKQC\*NHNSTAERNSSN\*LYKTQ\*QYKKKYKYGTRESMVCNRRYNRRYKTSTL\*C\*\*NSMEQHSKTDSYKISKTIS\*\*NNSL\*SILRRGPRSYNAHF\*LWRGIFLL\*YIKAV\*\*CLAE\*WY\*EWY\*L\*FNR\*\*DHTPMQNKTNYKQVAGNRKSNVCPSHQRNN\*MFIQHYRAAINKRWWQWWERHRERHRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHRGKEKSGAERKKSSRGTRSFVPWVLGSSRKHYGRSGNDADGTGQNIIVWYSATAK\*FAESY\*STTAYVATHSLGHQTAPGKSPGCRKIPKGSTAPWDLGLLWKTHLHHRCALE\*\*LE\*\*IYR\*HLEFKHDLDGVGERN\*QLYRHNIQIT\*RIANPTRKE\*TRLIVIG\*VGKSVGLV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*SQAGILTIVIPDPPPSPGGTRQARRNRRRRWRERQRHIQSI

>B.2010.KT427747.-

MEPVDPRLEPWQHPGSRPTTPCTKCYCKKCCFHCQVCFVTKGLGISYGRKKRRQRRRPSQDSKTHQASLPKQ\*VVHVMNPLXIXSIAGLVVAAVXAIVVWTIVYLEYRKILKQRKIDRLIDRIRERAEDSGNESEGDHEELATLVEMGHHAPWDVDDL\*CYRTTVGHNPLWGTCVERSNHHSILCIRC\*SS\*NRGT\*CLGHTCLCTHRP\*PTRNKFGKCDRKF\*HVEK\*HGRTDASGYNQFMGPKPKAMCKINPTLCYFKLH\*CXXC\*\*YY\*\*Y\*EDCRKQYGGRNKXVLFQYHHRHKR\*GAERICIF\*\*T\*CNTNR\*YR\*\*YRLYKIYLNKL\*HLSHYTSLS\*DNL\*TNSXTLLCPGWFCDSKV\*\*\*DIQWNRTM\*KC\*HSTMYTWN\*ASSVNSTTVKWQSSRRRHSN\*I\*KSHRQY\*NHNSTAELICNN\*LYKTQQQYKKRYTYGMGKSILCNRTNNRKYKTSTL\*P\*YSRLEQHFRTDS\*KIK\*TL\*\*NNXXF\*SILRRGPRNCNAQF\*LWRRIFLL\*YNTTV\*W\*FE\*QYLDI\*W\*\*\*D\*EYHTPMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKDYRGAINKRWWXREQRV\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*ANRSSTLQGKEKSGAERKKSNRNARSYVPWVLGNSRKHYGRSVIDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGEIPKGSTAPRDLGLLWKTHLHHCCALE\*DLE\*\*IYA\*HLG\*HDLDGVGERN\*QLHTSNIQLA\*RIAEPTRKK\*TRLIGIG\*VGKLVELV\*HIKLAVVYKNIHHDSRRLSRVKNSFCCTFTSE\*S\*AGILTIVIPDPPPSPEGTRQARRNRRRRWRERQRHINKI

>B.2010.KT427748.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKXCCFHCQLCFLRKXLGISYGXKKXRQRRRXXQGSETHQAXLPEQ\*VIHVMQSLEXAAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRDRAEDXGNESEGDQEELSALVERGHLAPWDIDDL\*G\*RKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRTSVGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKTMCKINPNLCYFRVQ\*LYS\*Y\*\*QYYQ\*Q\*Y\*LVWKKQRK\*KLLFQCHHRKGR\*VSERKGTVL\*T\*CRTNK\*WPYQHYQHYQI\*VDKL\*HLSHYPSLSKNNL\*TNSHTLLCPGWFCDSKV\*\*\*NIQWIRTMYKC\*HSPMYTWX\*ASSVNSAAVKW\*FSRRRDSN\*I\*KFLE\*C\*NHNSTAK\*TYIN\*LYKTLQQYKKRYTYGMGKSILGNR\*NNRRYKKSTL\*H\*\*SRME\*NIRTDSYKIKRTI\*E\*NNSL\*SLLRRGXGNCNAHF\*LWRGIFLL\*YNKTV\*\*YLV\*\*\*YLE\*YSEXDRRGPYHTPMQNKTIYK\*VAGGRKSNVCPSYQWGN\*MFIKYYRATINKRWWQ\*QQQYHRDL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAERKKSSGTRSFFPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GATTYVATHSLGHQAAPGKSPGCGKIPRGSTAPRDLGLLWKTHLHHYCALEX\*LE\*\*ISA\*YLG\*HDLDGVGKRN\*QLHKXNIHFT\*RIAEPTRKK\*TRIIEIG\*LGKFVGLVYNNKLAVVYKNIHNDSRRLNRFKNSFCCTFCSE\*S\*AGILTIVISDPPPSSEGTRQARRNRRRRWRARQRQISTI

>B.2010.KT427749.-

MEPVDPNLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRASQDSEAHQASLSKQ\*VYM\*CNL\*RYTQ\*\*H\*\*\*\*Q\*\*Q\*LCGL\*YS\*NIGKY\*DKRK\*TG\*LIE\*EKEQKTVAMRAKGIKKNYQHLWRGGIWRWGTMLLGMLMICSATEQLWVTVYYGVPVWKEATTTLFCASDAKSYDTEVHNVWATHACVPTDPNPQEMKLENVTENFNMWQNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTDWGNSTAANVTSSASFTGKIEKGEIKNCSFNISTNIEDKRQKQYALFYXMDVVQINDDNNTNSYRLISCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCKDKKFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSENITDNTKTIIVQLNETVRINCTRPNNNTRKSITIGPGRAFYATTDIIGDIRQAHCNISRTDWNNTLKKIVEKLGTQFGNKTIVFRNSSGGDPEVTMHTFNCGGEFFYCNTTELFYSNWTWNGTWNRNDTEGLQNKTIILPCRIKQIINMWQEVGKAMYAPPIRGQINCTSNITGLLLIRDGGNDTGTSGTEIFRPQGGNMKDNWRSELYKYKVVQIEPLGIAPTKAKRRTVQREKRAVGFGAVIFGFLGAAGSTMGAASITLTVQARQLLSGIVQQQSNLLKAIQAQQHLLQLTVWGIKQLQARVLAVERYLQDQRLLGIWGCSGKLICTTSVPWNASWSNKSLDYIWSNMTWMQWEKEIDNYTDLIYSLIEQSQTQQEKNEQELLELDKWASLWXWFSITHWLWYIKIFIMIVGGLIGLRIVFTVISIVNRVRQGYSPLSFQTRLPTQRGPDRPEGIEEEGGEQGRGRSIRL

>B.2010.KT427750.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKRCCFHCQVCFTTKGLGISYGRKKWRQRRRAPPERQINQASLPKQ\*VVHVMQPLTIIAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDQLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*C\*GTIVGHSILWGTCVERSNHHSILCIRC\*SI\*HRGT\*RLGHTCLCTHRS\*PTRNRLGKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCKIDPTLCYLKLH\*CDK\*NNSQTK\*QNCTRTR\*QNCIR\*\*RDAGRNKKLLFQCHQRHRK\*EAERICIFL\*N\*CSQDR\*\*YYKLYVDQL\*HLSHHTGLPKGIF\*TNSHTFLYPCWFCASKM\*R\*KVQWNGTMYQCQHSTMYTWN\*ASSVNSTTVKWQSSRRRDSN\*I\*EPDEQC\*NYNSTAERSCRN\*LYKAQQQYQKKYTFRMGESILCNRRNNRGYKTSILYP\*\*NKMDKNFRTDSYKIKGKI\*\*\*NNNF\*\*CLRRGSRNCNAHF\*LWRGIFLL\*YNTAI\*QNLEV\*WHLE\*CEE\*YWRVKQYYTPMQNKTNHKQVAGSRKSNVCPSHQRTN\*LFIKYYRATINKRWW\*CE\*QQ\*DLQTGRGRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRNNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*NFG\*NLE\*HDLDGVGERN\*QLHKLNIYLN\*RIAEPAGKE\*TRIIRIGCMGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIIPDPPPSPEGTRQARRNRRRRWRERQRQIRRI

>B.2010.KT427751.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPSQGSPTHQVPLSEQ\*VIYVMQALQILAIVALVVGAILAIIVWTIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRTIVGHDLLWGTCVERSNHHSILCIRC\*SI\*PRST\*CLGHTCLCTHRP\*STRSRIKKCDRKF\*HVGK\*HGGTDA\*GYNQFMG\*KPKAMCKINTTLCYLKLH\*VK\*YYSHQ\*\*\*\*LGGGTNEKLLFQYHHKQRS\*EAERICTFL\*A\*YSTSR\*\*WDRLYVDKL\*HLSHYTGLSKGNL\*TNSHTLLCPGWFCDSKM\*\*\*EI\*WDRKM\*KCQHSTMYSWN\*AGSVNSTAVKWQSSRRRGNNQI\*KYYR\*Y\*NYNSTAERICSN\*LYKTQQQYKKKYTYRTWESSVCNRRNNRRYKTSTL\*H\*YIKMVQHFKSDS\*KIKRTL\*\*SNKISERLGRGPRSYNAQF\*LWWGIFLL\*YNNAVSLACQ\*H\*\*\*\*YK\*YSYHPMQNKTNYKQMAGSRKSNVCPSHQRAD\*MFIKYYRAAIDKGWW\*QQHGEQYRGLQT\*RRRYEGQLEK\*TI\*I\*SSKN\*AIRSSTHQSKEKSGAEGKKSSGSDRSYVPWVLGSSRKHYGRSVTDADGTG\*TIIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHHCALEC\*LEQ\*ISECNLG\*HDLDGVGERN\*QLHRPNIHLN\*RIAEPTRKK\*TRIIGIG\*VGKFVGLVQHNKLAVVYKNIHNGSSRLSRIKNSFYCTFYSE\*S\*AGILTIVIPDPLPSSEGTRQARRNRRRRWRERQRQIRAI

>B.2010.KT427753.-

MEPVDPNLEPWKHPGSQPKTACTPCYCKKCCFHCLVCFNKKGLGISYGRKKRGQRRRAPQDSEAHQASLPKQ\*VYM\*CNL\*RYTQ\*\*H\*\*\*\*Q\*\*Q\*LCGL\*YS\*NIGEY\*DKEK\*TG\*LIE\*ETEQKIVAMRAKGIKKNCQHLWRGGIWRWGIMLLGMLMICSATEQLWVTVYYGVPVWKEATTTLFCASDAKSYETEVHNVWATHACVPTDPNPQEMDLXNVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTDNLXXTNINGTXXANLTGRIXKGEIKNCSFNVTTSIRDKVQKQYALFYNMDIVQIDDDNKNITNNYTSYRLTSCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCKDKKFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSENITDNAKTIIVQLNKTVIINCTRPNNNTRKSIPIGPGKAFYATDIIGDIRQAHCNISRTNWNNTLKKIVEKLGTQFGKNKTIVFQHSSGGDPEVTMHTFICGGEFFYCNTTKLFNSTWKWNNGTWNRNDTEGQDNTGETITLPCRIKQIINMWQEVGKAMYAPPIRGQINCTSNITGLLLTRDGGNNNNSKNNETFRPGGGNMKDNWRSELYKYKVVQIEPLGIAPTKAKRRTVQREKRAVGIGAVLFGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQSNLLKAIQAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTSVPWNASWSNKSLDYIWSNMTWMQWEKEIDNYTGTIYELIEQSQNQQEKNEQELLELDKWASLWNWFNITQWLWYIKIFIMIVGGLIGLRIVFTVISIVNRVRQGYSPLSLQTRLPTQRGPDRPEGIEEEGGEQGRGRSIRL

>B.2010.KT427754.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRSPQDSEIHQVSLSKQ\*VVHVMQPLVIISIVALIVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDINDL\*CQGAQRAIVGHSILWGTCVERSNHHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRNSIGKCDRKF\*HVEK\*HGRTNA\*GCNQFMG\*KPKAMCKINPALCYFNLQG\*C\*\*HQ\*\*H\*HQ\*\*FGGRNDNGRNDKLFFQYHLKNKR\*GTERICTIL\*F\*CSTNR\*WDKLYVEKL\*YLSHYTGLSKGNL\*TNSYTLLYPGWFCDSKV\*\*\*EVQWNRSM\*KCQHSTMYTWN\*ASCVNSTTVKWQSSRRRDSN\*I\*KFYEQC\*NHNSTVE\*NCGN\*LHKAQQQYKQRYTYRAGKNILCNRKNNRRYQTSTL\*H\*\*NKMGKNFRKSS\*\*IKRTIY\*\*NNNF\*SILRRGPRNYNAHF\*LWRGIFLL\*YITAV\*QYLALEQCWE\*E\*\*Y\*YHTPMQNKTNHKQMAGSRKSNVCPSHQRTN\*MLIKYYRDTINKRWW\*YQPDHGDL\*TGRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERQKSSNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*ILQ\*DLEQHDLDTMGERN\*QLHKLNIHFN\*RLAKPTRKE\*KRIIGIG\*VGKFVELV\*YNTMAVVYKTIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIIADPPPNPEGTRQARRNRRRRWRERQRQIQKI

>B.2010.KT427755.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKQCCFHCQVCFIRKGLGISYGRKKRRQRRRTHQDSKTHQGSLSKQ\*VVHVMTLLVVIAIVALVVAAVLAIVVWTIVAIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSTLMEMGHHAPWDVDDL\*CCKRLVGHSLLWGTCVERSKHHFILCIRX\*SLSYRST\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKINPTMCYFKLH\*CKE\*YH\*\*WYQWE\*YH\*\*WYQ\*Y\*HQKYERTNEKLLFQYHHKHKR\*DAKRICIVL\*S\*YSINRK\*\*Y\*L\*VDSL\*YLSHYTVLSKGNL\*ANSHTLLCPSWFCDSKV\*\*\*GVQGDRALYKCQHSTMYTWN\*TSSVNSTAVKWKSSRRKSSN\*V\*QFLRQY\*KHNSTAEQNHRN\*LYKAQQQHQEKYTHRTRESILCNRRHNRRYKTSTL\*H\*\*NTME\*SFKRGS\*RIK\*TI\*E\*NNSL\*\*ILRRGPRNCSTQF\*LWRGIFLL\*YIKTV\*\*YVEQWEFSSR\*\*Y\*\*\*WDYHTPM\*NKTNHKHVAGSRKSNVCPSYSRNN\*MFIKYHRDNFNKRWW\*\*Q\*\*QRDHRNLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEESGAERKKSNNDGSYVPWVLGSSRKHYGRSINNADGTGQTIIVWKRATAEQSAEGY\*GATASVATHGLGH\*TAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEH\*LE\*\*ISRCYLE\*HDLDGMGKRN\*QLHRLNIHLT\*RITKPARKE\*ARLIGLG\*VGKFVELV\*YIKLAVVYKNIHHDSRRLGRFKNSFIILSVVDRVRQGYSPLSFQTHLPAPRGLDRPEGTEEEGGERDRGGSTR\*

>B.2010.KT427756.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCYHCQACFLTKGLGISYGRKKRRQRRRSPEDSQTHQVSLSKQ\*VVHVMQSIQILAIVALVVAAIIAIIVWTIVLIEYRKRLRQRKIDRLIDRIVERAEDSGNESDGDQEELLALGGHLAPWDVNDL\*CYRQVVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGAQCLGHTCLCTHRP\*PTRSSIAECDRKF\*HVEK\*HGRTDA\*GYN\*SMGSKPKAMCKIDPTLCYFKVQ\*D\*FEE\*N\*WKCYYYKCYTEWGGRNKKLLFQCHHRPK\*\*KADSICNFL\*S\*YSTNK\*N\*R\*\*YI\*VNKL\*YLSHYTGLSKDIL\*ANSHTLLCPSWFCDPKV\*\*\*DVQWNRTMYKCQHSAMHTWN\*ASSNNSTAVKWQSSRRRGSN\*ICQFHRQY\*NHNSTSE\*ISRN\*LYKTQQQYKKKYTFWTRESILCNRRSNRRYKKSTL\*H\*QNKMEYHFTTST\*KTKTTLE\*NNIL\*TTSSRRGPRNCNAQF\*LWRGIFLLQYIKSV\*\*VLD\*\*FLVW\*\*RVK\*QYRK\*HNHTPMQNKTNYKHVAESRKSNVCPSYPRNN\*MFIKYHRAAINKRWWQ\*QHQ\*DLQTWRRRYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSSGNRSFIPWVLVGSRKHYGRSVNDADGTGQTIIDWYSATAKQFAESY\*GATAYVATHSLGHKAAPGKSPGCGKIPKGSTAHGDLGLLWKTHLHHCCALEY\*LE\*QKL\*CHLG\*HDLDAVGKGN\*ELHRNNIHIT\*KLTKPTRTE\*KGTIGIR\*MGKSVELV\*HNTLAVVYKNIHNDSRRLNRVKNNFYCTFYSE\*S\*AGILTIIVADPPPSSEGTRQARRNRRRRWRERQRQIRDI

>B.2010.KT427757.-

MEPVDHRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRGPPQGSETHQAALSKQ\*VAYVMTSLASLQIGAIVALVIVAIIAIIVWAIVVIEYRKILRQKKIDSLLDRIIERAEDSGNESEGDQEELSALVGRLEMGHHAPWDVNDL\*SCRTIVGHSILWGTCVERSKRLSILCIRC\*SI\*HRST\*CLGHTCLCTHRP\*PTRNKFGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGTIPKTMCKTNPTLCHFKLY\*WECDQY\*N\*DQ\*CDHSGPTLIGRRNKKLYFQCHHRSGK\*KEERICTF\*\*S\*CSTHRW\*Q\*\*YRIYVDKL\*YLSHNTGLSKDIL\*TNSYTLLCPGWFCDSKV\*\*YRVQWNRTM\*KCQHSTVYTWN\*TSSNNSTTAKWQPFKGRDSS\*I\*KFHKE\*\*NHNSTVK\*IYRN\*LYKTRQQYKQRYTFWTWASNICNRTTNRRYKKSTLHP\*\*NRMGNSSRTDS\*KIKRKI\*QDNSL\*KSLRRGPRNCNVHF\*LWRGVFLLQYNTAV\*\*YLA\*E\*Y\*YYRGKCK\*YYHNSMQNKTIHKQVAGSRKSNVCPSHQRIY\*LFIKYYRAAINKRWW\*\*QLLK\*DFQT\*RGKYKGQLEK\*VI\*I\*GSPN\*AIRSSTHQGKEKSGAERKKSSDTRSYVPWVLGSSRKHYGRSVTDADGTGQTIVVWYSATAEQSAEGY\*GATASVATHSLGH\*AAPGKNPGCRKIPKGSTDPRNLGLLWKTHLHHYCTLEF\*LEQ\*IL\*SDLEQHDLDGVGERN\*\*LYRLNIYIN\*KITKPAGNK\*KRIVGIG\*MGKSVELV\*HITLAVVYKIIHNDSRRHNRLKNNLCCAFYSE\*S\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRERQRHIRQI

>B.2010.KT427761.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSQTHQVSLPKQ\*VIYVMQALEIAAIVALVVAAILAIVVWTIVFIEYKKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*C\*KRTIVGHSILWGTCVERGNHHSILCIRC\*SICYRET\*CLGHTCLCTHRPQSTRNSTGKCDRKF\*HMEK\*HGRTDA\*GYNQFMGSKPKALCKINPTLCYFKLH\*L\*YH\*Q\*YR\*WDGTDGVRRNKKLLFQHHHKHKKEDAERICTFL\*A\*CSANR\*\*\*E\*YT\*\*\*QL\*QL\*VDKL\*HLSHYTGLSKSIF\*ANSYSLLCPSWFCDSKV\*\*\*EVQWNRIM\*KCQYSTMYTWN\*ASSVNSTVVKWQFSRRRDST\*I\*KYHKQC\*NHNSAAEQNCSN\*LYKTQQQHKKRYTCRTRESTLYNRHNRRYKTSTL\*H\*\*KTMGKHFNTDRCKIK\*NI\*KGNNNL\*SILRRRPRNYNAQF\*LWRGIFLL\*YNKTV\*\*YLEK\*\*C\*LECCG\*K\*HYHTPM\*NQTNYKPVAGSGKSNVCPSHPRTN\*LFIKYYRAVINKRWWY\*QPDQGHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TSRNSTHQGKEKSGAKRKKSSGNGRSYVPWVLGSSRKHYGRSVNNADGTGQTTIVWYSATAEQYAESY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEC\*LE\*\*IAK\*DLE\*HDLDGMGKRN\*\*LHKLNI\*LNCRLAYPTRKE\*TRIIRIR\*VDKFVELV\*HNTVAVVYKNIHNNSRRLGRFKNSFCCTFLSE\*S\*AGILTIIIADPLPSPEGTRQARRNRRRRWRERQRQIRAI

>B.2010.KT427762.-

MEPVDPSLEPWKHPGSQPQTACNTCFCKRCCYHCQRCFITKGLGISYGRKKWRQRRRANQHSQDHQVPLSKQ\*VVHVMNALTISAIVALVVAAIIAIVVWTIVFIEYRRILRQRKIDSILTRIIERAEDSGNESEGDQEELSALMEGGHLVPGNVDDL\*CCRTIMGHSILWGTCMERSNHHSILCLRC\*SV\*HRGT\*CLGHTCLCTHRP\*PTRSTIGKCDRKF\*HVEE\*HGRTDAGGYNQLMGSEPKAMCKINPTLCYLKLH\*CR\*\*Y\*YQ\*HYYYQQ\*\*FENDKGRHEKLLFQGQHTYRR\*KSARICTFL\*T\*CSTNR\*YKQPYVDRL\*HFNHCTGLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*EV\*WKRTM\*RCQHSTMYTWD\*ASSVNSTTVKWQSSRRRDNN\*I\*KLFRQC\*KHISTAK\*ICRN\*LYKARQQYKKRYTLRTGESNVCNRSNNRRYKTSTLQP\*WNRLGKNFKGDSYEIRRTI\*\*NNKI\*SILRRGSRNYNAHF\*LWRGIFLL\*YNTAV\*\*YLAA\*K\*YLE\*YLAV\*\*\*NNHTPMQNKTNYKQVAGSRKSNICSSHQRRN\*MFIKYYRAAVNKRWW\*QF\*DRGDL\*TWRGRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSRNRSSVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATAEQSAESY\*GATTSVAAHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLL\*KTHLYHCCALEY\*LE\*\*IPGKNLE\*HDLDGVGKGN\*QLHRLNI\*LN\*RIAEPTGKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSXXLNRFKNSFYCNFCSX\*S\*AXILTIVVPDPPPSSEGTRQARRNRRRRWRERQRQIQRQIHKI

>B.2010.KT427763.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFMQKGLGISYGRKKRRQRRRASKGCQTHQASLPEQ\*VVHVMQSLQIVAILALVVVAIIAIVVWSIVIIEYRRILRQRRIDRLIDRIAERAEDSGNESDGDQEELSALVEMGHHAPWDINDL\*CCRKSVGHSLLWGTCVERSRHHFILCIRC\*SIYNRGA\*CLGHTCLCTHRSQPTRDKIGKCDRKF\*HVEK\*HGRTDAGGCNQLMGSKPKAMCKINSTLCYFKLH\*YKG\*\*YQE\*YQYEXYHY\*YXETAGGKRNDKLLFQYLHTXKR\*DTERICTFL\*X\*SSTNRX\*\*\*\*QEY\*L\*VDKL\*HLSHYTSLSKDIL\*ANSYTLLCPGWFCDSKV\*\*\*EIQWKRRM\*KCQYSTMYTWN\*TSSVNSIAVKWQSSRRRGSNQI\*KFHGKY\*NHNSAAERTSRN\*VYKTQQQYKKKYTYRTREGILCNRRNNXRHKTSTL\*H\*\*VKME\*NFXKDS\*KTKRTNQWNNNL\*PILRRGPRNCNA\*F\*LWRRILLL\*YNKTV\*\*YLGKWDYSY\*CY\*\*\*CY\*\*\*\*HYHTPMQNKANYKHVAGSRKGNVCPSHQRTN\*M\*IXHHXAAINKRWR\*K\*WE\*DLQTCRRKYEGQLEK\*IV\*IQSSKN\*TIRNSTHQGKEKSGAERKKSSXXRSXXPWVLGSSRKHYGRSLNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLESHDLDGVGQRN\*QLHKLNTLLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNGRRRWRERQRQIHSI

>B.2010.KT427764.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCSFHCQKCFITKGLGISYGRKKRRQRRRPPQDSKTHQASLSKQ\*VVHVMQSLQIIAIIALVVVAIIAIVVWTIVLLEYRKLKRQKRIDRLIDRIRERAEDSGNESEGDQEELAGLVDMGHDALWDVNDL\*GGRRLMGHSILWGTCVERSNYHTILCIRC\*SI\*PRSTQCLGHTCLCTHRS\*PTRSSIDKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKTMCKINPTLCYSKLH\*FKQYYCYQ\*Y\*YQ\*YY\*GEGRNEKLLFQYHHKHKK\*NAERICTSV\*A\*YSTNR\*\*\*\*\*YKLYVDKL\*HLSHYPSLSKDKL\*TNSYTLLCSGWFCDSKM\*\*\*DVQWNRTM\*KCQHSTMYTWN\*ASSVNPTAVKWQSIRRRGNDQV\*KFHKQC\*NHNSTTERNYRNQLYKTQQQYKKKYTYGMGESILCNRRNNRRHKKITLQH\*CRKMENHFKKGRGKIKRTISEQNNII\*WILRRGPRNCNAQF\*LWRGVFLL\*YITAV\*QYLD\*\*Y\*YRK\*HPYHPPMQNKTNHKQVARSRKSNVCPSH\*RTD\*MFIKYYRVAINKRWWCQWYQWN\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSGGSTRSYVPWILGHSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATALVATHSLGHQAAPGKSPGCGKISRGSTAPRDLGLLWKTHLHH\*CALEF\*LE\*\*KSDTDLG\*HDLDGVGERN\*QLHTSNIQLD\*RIAEPTGKE\*TRIIGIR\*VGKFVELV\*HNKLAVVYKNIHNDNRRLSRFKNSFCCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRQRQRQINSI

>B.2010.KT427765.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQGSQTHQASLSKQ\*VINVMPPLEVLAIVAIVVAIIIAIVVWTIVIIEYRKILRQRKIDRLLDRINERAEDSGNESEGDQEELAGLVGMGHDAPWDVNDL\*CYRKFVGYSLLWGTSVERSNHHSILCIRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRNITGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKTNPALCYFNL\*K\*\*LGKXY\*\*QQ\*Y\*XX\*KNNRKRXEGRNNKLFFQYHHKHKRSGAEXICPXLYS\*SSTNR\*\*\*\*FYI\*VDKL\*HLNHYTGMSKDIL\*ANSHTLLCPSWFCDFKV\*\*\*EVQWNRTM\*KCQHSTMHTWN\*ASSVNSTSVKWQSSRRRGGN\*ICQYHRQYQNHNSASK\*ICTN\*LYKTQQ\*YTQKYNHRTRESILWNRHNRGYKTSTL\*H\*RRIMEQNFKKDSYKIKRTIX\*\*DNSL\*SILRRGXRNCNAQF\*L\*RGIFLL\*XIXTV\*XILGXQ\*HXEXHXPXE\*\*CYYTPMQNKTNYKHVAGSRKSNVRPSYQRTT\*LLINYYRDNINKRWWESPQSNRDLQTWRRKYEGQLEK\*IIQI\*SSKN\*SIRTSTHQGKKKSGAKRKKSSGNDRSYVPWVLGSSRKHYGRSVPDADGTSQTIIVWYSATAEQSAEGY\*GATAHIATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLQHCCALE\*\*LE\*K\*ISG\*HLE\*HDLAAVGKRX\*QLHRINIQLT\*RIAKPTRKE\*TRIVGIR\*MGKSVELVQHNKLAVVYKNIHNDSSRLGRFKNSLYCTFXSE\*S\*AGILTIIVADPPPSSQGTRQARRNRRRRWRKRQGQLHKI

>B.2010.KT427766.-

MEPVDPXLEPWKHPGSQPKTACTNCYCKSCCFHCQVCFMTKGLGISYGRKKRRQRRRAPTDNQTHQDSLSKQ\*VVNVMQPLVIASIIALVIVAIIAIVVWTIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDEEALAALVDRGHLAPWDVNDL\*CCRTIVGHSLLXXTCVERGNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRIKIGKCDRKF\*YVEK\*HGRPDA\*GYNQFMGSKLKAMCKINPTLCYSKLHRRAQK\*Y\*\*QK\*Y\*\*H\*\*\*FK\*RK\*FKWRNEKLLFQYHHKHKR\*GA\*RICTFL\*T\*CSTNRG\*\*\*\*Y\*\*\*\*H\*L\*IDKL\*YLSHYTSLSKGDL\*TNSHTLLYPGWLCDAQV\*\*\*EFQWNRTM\*KCQHSTMYTWN\*ASSVNSIVVKWQSSRRQGSN\*I\*KFLRQC\*NHNSTAEQDCAN\*LYKTQQ\*HKKKYTYRTREGILCNRYNRRHKTSTL\*H\*\*RRLE\*HXTPDSYRIKXXI\*\*NNNSL\*SXLRRGPRSYISHFXLWRXIFYCNTTXLFNSTWNKTNRT\*NKT\*NYNNKTITLQCSKTNYKHVAGSRQSNVCPSHQRTD\*LFIKYYRATLNKRWW\*QQLWK\*\*GLQTWRRKYEGQLEK\*II\*I\*SGRN\*TIRNSTHQGKEKSGAKRKKSNRTRSSVPWVLGXSRKHYGRSVSGADGTGQAIIVWYSATAKQFAESY\*SATTYVAAHGLGH\*TAPGKSPGCGKIPKGPTAPGDLGLPWKTHLHHYCALEYQLE\*\*KSESDLG\*HDLDAVGKGD\*QLHRLNIHLT\*RIAEPTRKE\*KRIIRIG\*MGKLVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCIFYSE\*S\*EGILTITVADPLPSPEGTRQARRNRRRRWRERQRQIQSL

>B.2010.KT427767.-

MEPVDPGLEPWKHPGSQPKTACTNCYCKRCCLHCQLCFMKKGLGISYGRKKRGKRRRAPQDGQNHQVXPSKQ\*VLXVMQXLQIXAIVALVVTGIIAIVVWSIVFIEYRKILRQRKIDKLIARIAERAEDSGNESEGDQEEFQHLGVGKAHHAPWDIDDL\*CCRTIVGHSLLWGTCVERSRHHSLLCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKL\*HVEK\*HGRTDARGYNQFMGSKLKAMCEVNPTLCYFNVELCGE\*D\*CH\*C\*YHCHSANII\*RQRRNKKLLFHVT\*GGERICTFL\*T\*FSTIR\*\*Y\*\*\*\*\*Y\*I\*DLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*XGGX\*WNRTM\*\*YQHSTMYTWN\*ASSIDSTAVEWQSSSKRGNNQICQSHRQY\*DHNSTTEQSCKN\*LYKTQQQYKKKYTYPDSTRESILCNRKNRRYKKSTL\*H\*\*SRLERNFRTGS\*QIKRKIWK\*\*NNSL\*SLLRGGPRNCNAQL\*LWRGIFLL\*YNTTV\*\*YLV\*\*YMDYCRVK\*H\*RK\*LNHPPMQNKASSKHVAGSRKSNVCPSHQRTN\*LFIKHYRVAINKRWW\*WE\*TYRDLQTWRRRYEGQLEE\*II\*I\*SSKNRTIRNSTYQGKEKSGAERKESSDTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPTGSTAPGALGLLWKTHLHHXCTLEY\*LE\*\*ISGXHLGXHDLDAXGKGN\*QLHRXNIQLNRKIAKXTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRHGRFKNSFYCTFYSE\*S\*EGILTTIVSDPPPSPKGTRQARRNRRRRWRQRQKQIRGI

>B.2010.KT427768.-

MEPVDPRLEPWKHPGSQPRTACTSCYCKKCCLHCQVCFTTKGLGISYGRKKRRRRRRANKDSSPHQVPLSKQ\*VVYVMQSLYISAIAALVVAAILAIVVWTIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*CYRQVVGHSLLWGTCVERSNHHSVLCIRC\*SN\*HRGA\*CLGHTCLCTHRP\*STRTRIEKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINPTLCYFKLLRLY\*\*QY\*\*HY\*KRNEGRNKKLFFQYHHKHRR\*EEKRICTF\*\*A\*CSTTK\*YNR\*YKLYINKL\*HLSHYAGLYKGKF\*SNSHTLLCPGWFCDSKV\*G\*EFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRHSN\*I\*KYHKQC\*NHNSAAEYIYSN\*LYKTQQQYKQKYTDGTGKSMVCNRRNNRRYKTGTL\*H\*CRKMEEHFRTGS\*QTTRTT\*\*NTSLL\*\*TNLLSAAHRRGPRNYNAQF\*L\*RGIFLL\*YNKTV\*LDGE\*\*D\*LDYTVLK\*YYHTPMQNKTNHKQVAGSRKSNVCPSHQRKH\*LFIKYYRATLNKRWW\*HQFYERDLQT\*RRKYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSNNDRSCVPWVLGSSRKHYGRSVTDADGTGQTTIVWYSATAEQXAEGX\*GATASVATHSLGHQAAPGKSPGXRKIPKGSTAPGDLGLLWKTHLHHYCALEX\*LE\*\*KSEXNLXQHDLDAVGEXN\*QLHXXNIHIAYRIADPTRKK\*TRXIGIG\*VGKFVELVXHNXXAVVYKNIHNNSRGLNRFKDSFCCTFYSE\*S\*AGILTIVIPDPPPRPEGTRQARRNRRRRWRERQRQIQSI

>B.2010.KT427769.-

MEPVDPRLEPWKHPGSQPQTACTNCYCKKCCLHCQVCFLKKALGISYGRKKRRQRRRPHQDCKTHQVPLSKQ\*VVHVMQSLKIAAIVALVVAAIIAIVVWTIVYLEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCKPVGHSILWGACMERCNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTGNSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*IMGSKPKAMCKNNPTLCCFKLH\*FE\*Y\*HQ\*YE\*Y\*SE\*LGRNEKLLFQYHHRNRR\*EAARICTFLYT\*YGIIR\*\*\*YKLYVEKL\*HLSHYTGLSKSILGTNSYTLLYPGWFCDSKV\*\*\*EVQWKRTMYKCQHSTMYTWN\*ASSVNSTTVEWQSSRRGGSN\*I\*KLYRQC\*NHHSTTERNYKD\*LYKTQQQYKKKYTSRNGESNLCNRRHSRKYKTSTL\*HI\*SRME\*HFKIYS\*KVRRTV\*K\*KYKL\*AILRRRPRNCNAHL\*LWRRIFLL\*YNKAV\*\*DLD\*KWGILEYY\*RGK\*H\*NHTPMQNKANHKQVAGSRKIDICPSHQRTN\*MCIKYYRAAINKRWWY\*QYY\*RDRDL\*TCRGRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKGSGSNRSYVPWVPGSSRKHYGRSVSDADGTGQTITVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKNPGCGKVPKGSTAPRDLGMLWKTHLHHCCALE\*\*LE\*\*NLG\*DLE\*HDLDGVGKRN\*QLHRLNI\*LT\*RIAEPTGQE\*TRIIGIG\*VGKSVELV\*YNKMAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIVIPDPPPSREGTRQARRNRRRRWRERQNQIRKL

>B.2010.KT427770.-

MEPVDPRLEPWKHPGSQPKTACTKCFCKKCCFHCQVCFITKALGISYGRKKRRPRRRPPQHCQNNQVSLSKQ\*VVHVMQSLQIAAIVALVIVGIIAIVVWTIVFLEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSALVERGHDAPWVVDDL\*CYR\*FVGHSILWSTCVERSNHHSILCIRC\*SI\*KRGT\*CLGHTCLCTHRP\*PTRSNIDKCXRKF\*HVEK\*HGRTDA\*GCNQFMGSKPKAMCXXNPXLCYXKLHQC\*WY\*C\*F\*\*Y\*Y\*\*Y\*W\*\*Y\*\*QQ\*HIGHEGGRNKKLLFQYHHKQRR\*KEERICTF\*CT\*CXTXR\*\*KXKLYTDSL\*HLSXYTGLSKNIL\*TNSHTLLYSGWFCASKV\*\*\*GIQWNRXM\*XCQHSTMYTWN\*ASGVNSPTAKWQPSRRRDNN\*I\*KSHKQH\*KHNSTAE\*ICRNYL\*ETQQQYKKKHTYGTRRSILCNGRRNRRYKTSTL\*HY\*NKME\*HFRTGS\*EIKRKI\*\*NNSLCPSQQRRGPRNCNAHF\*LWRGIFLL\*FIRVV\*LEF\*\*YLE\*SD\*KYHTPMQNKTNYKQMAGSRKSNVCPSHPRTN\*MYIKYYRAAINKRWWQRK\*\*RDDRDLQTRRRRYEGQLEK\*II\*I\*SSKD\*AIRSSTHQGKEKSGAERKKSSGNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAXSH\*GATTSVATHSLXHQXAPGKSPXCGKIPKXSTAPRDLGLLWKTHLHHCCTLEY\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*\*LHQLNI\*LN\*RIAEPAGKE\*TRIIGIX\*XGKFVELV\*HNKLAVVYKNIHNDSXRLNRFKNNLYSTFYSE\*S\*AXIFTIVIPDPPPSPXXTRQARXNRXXRXRXRQRQIRQI

>B.2010.KT427771.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQRCFTTKGLGISYGRKKRRQRRRSPQDSQTNQADLSKQ\*VIHVMQSLKIAAIVGLVVAGIIAIFVWSLVFIEYRRIRKQKKIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHLEMGHNAPWDVDDL\*C\*GKFVGHSLLWGACVERRKHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSTIGKCDRKF\*YVEK\*HGRTDAGGCNQFMGSKSKTMCTINPTLCYFKLH\*QLEE\*YQ\*Y\*LGHERRNKKLLF\*CHHRRKR\*DAQRLCTFL\*A\*CSTNRY\*\*\*Y\*L\*VDKL\*HLSPYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*RQKIQWNRTMQKCQHSTMHAWN\*ASGVNSTAVKWQSSRR\*GSN\*V\*KFHEQC\*NHNSTAEKGCKHYLCKTQQQYKKKYTYRTRKSILYNRANNRRHKTSIL\*P\*\*SRLE\*DFRTDS\*RIKRTIWEK\*NNSLYSILRRGPRNCNTQF\*LWRRIFLL\*YNTTV\*\*YLAK\*\*YWK\*Y\*E\*\*HNNHTPL\*DKTSYKHVAGGRKSNVCPSHQWTNSMYIKYYRAAVNKRWWV\*W\*I\*\*NRE\*DLQTWRRRYEGQLEK\*II\*I\*NSKN\*TIRSSAHQGKEKSGAERKESTRGTRSCIPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAEGY\*CATAHVATHSLGHQAAPGKNPSCGKIPRGSTAPRDVGLLWKTHLHHCCALEC\*LE\*\*ILQ\*NLG\*HDLDAVGQRN\*QLHTVNIHLN\*SFTKPARTE\*TEIVGIG\*MGQSVELV\*YNKLAVVYKNIHNDSRRLNRFKNSFICTFYSEQS\*AGILTTIVSDPLPSPEGTRQARRNRRRRWRARQRQIQAI

>B.2010.KT427772.-

MNPVXPNLXPXKHPGSQPRTACNTCYCKSCCFHCQVCFTTKALGISYGRKKRRQRRXAARDSQDHQISLPKQ\*VVHVMQSLQIAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKINRLLDRIRERAKDSGNKSXXXQEQLLVEMGHDAPWDVXXL\*CCRTIVGHSLLWGTCVERSNHHFILCFRR\*SN\*SRGT\*CLGHTCLCTHRPQPTRSNIKXCNRKI\*YVXK\*HGXTDA\*GYNQFKSKPKAMCKINSTLCYFKLQQC\*Y\*XX\*XXXC\*YXSN\*C\*Y\*WGXRTKKLLFQCHHRNKG\*DEARTCTFL\*T\*CSTNK\*F\*Y\*L\*INKL\*YLSYYTGLSKNIL\*ANSHTLLHPGWFCXSKV\*\*XKF\*XNRNM\*XCQHSTMYTXN\*ASSVNSIAVKX\*SGRXXXSN\*I\*KSH\*\*Y\*NYNSTSK\*ICKN\*VHKTQQQYKKKYTYRTRESILCNGRHNRRYKTSTL\*P\*\*KSMERHLTKGSYKVKRKGTI\*EQNNSL\*SLLRRGPRNCTAQF\*LWRGIFLL\*YIKIV\*QYLV\*\*\*KYRKYHRR\*HNYTPM\*NKTNCKQVARSRQSNVFISHPRTN\*LYIKYYRAAINKKWW\*\*Q\*HK\*HN\*DLQT\*KRRYEGQLEK\*VIQI\*SSKNRTIRNSTQ\*GKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVIDADGTGQTIVVWYSATAEQSAEGY\*GATASVATHGLGH\*TAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEH\*LE\*\*ISRCYLE\*HDLDGMGKRN\*QLHRLNIHLT\*RITKPARKE\*ARLIGLG\*VGKFVELV\*YIKLAVVYKNIHHDSRRLGRFKNSFIILSV\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRKRQRWIHSI

>B.2010.KT427775.-

MEPVDPRIEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRPPPGSKTDQDSLSKQ\*VVYVMQSLYILAIVALVVAIILAIVVWTIVLIEYRKILRQRKIDRLLDRILERAEDSGNESEGDQEELSTLMEMGHHAPWDVNDL\*CYRKIVGHSLLWSTCVERSNHHSILCIRC\*SISPRGT\*YLGHTCLCTHRS\*PTRSSIGKCDRKF\*HVEKLHGRTDARGYNQFMGSKPKAMCKINPTLC\*FEVH\*FEE\*Y\*YQ\*\*\*RENDNGERRHEKLFFQYHQ\*HRRQEA\*RKCTVL\*T\*CSTSKQ\*\*\*YKL\*IDKL\*HLSRYTGLPKDIL\*TNSHTFLCSSWFCDSKV\*\*\*YVQWIRTMYKCQHSTMYTWN\*ASSVNSTVVKWQSSRRKQDSN\*VSKFLKQC\*NHNSTAEETCRN\*LYKTQ\*QYKQRYTYXTXEIILCNRSNNRGYKESLL\*H\*\*KRME\*HFKRXS\*RIKGTI\*Q\*NNNL\*SVLRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLAE\*YLE\*\*\*DKIRQ\*HYHSSMQNKTNYK\*MAGSRKSNVCPSHRRKN\*MFIKYYRAAINKRWRQYQ\*WPQ\*DLQACRRRYEGQLEK\*II\*I\*SSKN\*AFRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPG\*SPGCGKIPKGSTAPRNLGLLWKTHLHH\*CALEY\*LE\*\*ISRHNLG\*HDLDAVGQRN\*QLHKLNILIN\*RIANPTGKK\*KGVIGIG\*VDKFVELV\*HIKLVMVYKNIHNDNRRFSRVKNSFYCTFLSE\*S\*AGILTIIISDPLPSPAETRQARRNRRRRWRERQRQIDSI

>B.2010.KT427777.-

MEPVDPRLEPWKHPGSQPKTLCNNCYCKKCIKKGLGIYYGRKKRRQRRRAPQDSPTYQVPLSKQ\*VIHVMQPLIIFSIVALVVVAIIAIVVWTIVLIEYRKLLRQKRIDRLIDRIRERAEDSGNESEGDQEALVEMGYHAHHAPWDVDDELXY\*KK\*IVGHSLLWGTCVERSKHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRGSIGKYDRKF\*HVEK\*HGRTDA\*GCNQFMGAKPKAMCKINPTLCYFKLH\*CEHR\*SHK\*Q\*S\*Y\*S\*\*\*Y\*VGEGRNEKLLFQYH\*KHKKRGAEKLCTF\*\*T\*YSTSRKC\*R\*CKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCPXWFCXSKV\*G\*EIQXNRXM\*XCQHRTMYTWN\*ASSVNATAVKWQFSRRRGNN\*I\*KSXGQY\*KHNSTAE\*SCSN\*LYKTQRQYKKKCTYRTRESDICNRRNHRRYKTSIL\*P\*\*NRMEYHFKTDSCKIKRAI\*E\*NNNL\*PXLRRGPRNCNAYFQLWRGVFLL\*YNKAV\*\*YLE\*\*YLE\*YLGF\*\*\*\*Y\*QKNHTPMQNKTNYKHVARSRKSNVCPSHQRTN\*LFIKYYRADINKRWWQESVRVPRNLQTWRRIYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGIRSFVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEXSAAXY\*GATASVATHSLGHQAAPGKSPGCGKIPKGXTAPRDLGLLWKTHLHHXCALEYKLE\*\*ISR\*XLE\*HDLDAVGXRN\*QXHRXNIQIT\*KIAKPTGKK\*TRVIRIG\*VGRSVDLV\*HNTLAVVYKNIHNDSRRLSRFKDSFCCAFYSE\*S\*AGILTIIIADPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.2010.KT427781.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCYHCQACFLTKGLGIYYGRKKRRPRRRAPQGSETRQVPLPEQ\*VIYVMQSLTIVAIVSLVVVAIIAIVVWTIVLIEYRKLLRQRKIDRLINRISERAEDSGNESEGDREELAALVEMGHDAPWDVDDL\*CCRKFVGHSLLWGTCVERSKHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRSQPTRNKFGKCHRKF\*YVEK\*HGRTDA\*GYNQFMG\*KPKAMCKVNPTLCYFKLHQYY\*YQQ\*\*FKCYYYP\*\*YGKHEGRHEKLLFQYHHKHKR\*TEERICTFL\*T\*CSINRK\*\*YKLYVDKL\*HLSHYTGLSKDIL\*TNSHSLLCPGWFCDSKM\*\*\*EVQWNRTMHQCQHSTMHTWN\*TSSVNSAAVKWQSSRRRGSN\*I\*KSHKQC\*NHNSTVEGSCSN\*LYKTRQQYKKKHTYGIWENIVCNRRNNRRYKKSTL\*H\*\*NTMEQHLKTDS\*KIGRAI\*KQDNSL\*SNLRRGPRSYNAHF\*LWRGIFLL\*YNTAV\*\*YLALE\*Y\*FK\*Y\*RVK\*QYHTPMQNKTNHKQVAGSRKSNVCPSHQRRNQVYIKYYRTTINKRWWF\*GQHFYI\*DLQTWRRRYEG\*LEK\*II\*I\*SSTS\*AIRNSTHQGKEKSGAERKKSSNNGSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAEGY\*GATAPVATHSLGHQAAPGKNPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEC\*LEQ\*IL\*\*HLG\*HDLDGMGEGN\*HLHKHNIHFN\*TIAKSARKE\*TRIIGIG\*VGKFVELVRHNKLAVVYKNIHNDSRRLSGLKNSFYCNFYSE\*S\*AGILTSIITDPTPSPEGTRQARRNRRRRWRERQRQIRKI

>B.2010.KT427783.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQNSETYQVSPSKQ\*VVYVMQALQIAAIAALVVVAIIAIVVWTIVFIEYKKILRQRKIDSLIDRIRERAEDSGNESEGDQEELSALMEMGNHAPWDVNDL\*GYGKIVGHSLLWSTCVERSNHHFILCIRC\*SI\*HRGTQCLGHTCLCTHRP\*PTRNRVEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPALCAFRVQGR\*CHG\*CHDFW\*\*CHG\*CHDFW\*\*HGF\*\*\*DC\*Q\*RH\*FCLQ\*WRNTKLLFQYHRHRR\*EEKRICTFL\*I\*GSTNR\*\*\*DELYVDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSTIVKWQSSRGRGNN\*I\*KHYGQW\*NHNSTVERICSN\*LYKAQQQYKKRYTCRMGKSIVCNRRDNRRYKTSIL\*H\*\*RKMGKNFKTDSKQIKRTI\*\*NNNF\*QLLRRGSRSYNAQF\*LWRGIFLL\*YIKSV\*QFLAVV\*RD\*ERD\*E\*E\*HTHNNPMQDKTNNKQMAGSRKSNICPSHQGTN\*MFIKYYRATINKRWW\*\*EQHE\*NL\*TYRRRDEEQLEK\*II\*I\*SSKN\*AIRNSTHHGEEKSGAERKKSSGSXRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGPTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*DLE\*HDLDGVGERN\*QLYTLNI\*LT\*RIAKPTRKE\*TRLIGIG\*VGKFVELVQHNTMAVVYKNIHNDNRRLSRFKNSFCCTFCSE\*S\*AGILTIIIPDPPPGPEGTRQARRNRRRRWRERQRQIRKI

>B.2010.KT427784.-

MEPVDPRLEPWKHPGSQPKTACNTCHCKKCCYHCQVCFITKGLGISYGRKKRRQRRRSPQDSQDHQVPLSKQ\*VINVMQPVQILAIVALVVVAIIAIAVWTIVGIEYKKILRERKIDRLIRKLQERAEDSGNESEGDQEELAELMEMGYDAPWNVDDL\*CYKPIVGHSLLWGTCMERSNHHFVLCIRC\*SI\*HRGT\*RLGHTCLCTHRPQPTRSNIGECDRKF\*HVDK\*HGRADASGYNQFMG\*KSKAMCKINPTLCYFKLQHSKF\*CHFKL\*\*YRKC\*YQL\*FGRYERRNEKLLIQYHHKHKR\*EA\*RICTFL\*K\*YSITR\*\*QLYIDKL\*YLSHYTGLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*KVQWDRTM\*KCQLSTMYTWN\*ASSINSATVKWQSSRRRSSN\*IPKHHEQC\*NHNSTPE\*ICTNKLYKTWQQYQKKYKHRTRRSMVCNGSHNRRYKTSTLQH\*WSSLEQNFKTDSYKIKRTIWEQNNNL\*SILRRRPRNCNAHF\*LWRGILLL\*YNKAV\*\*\*VEY\*WRVK\*HRRRNYHTPMQNKTNYKQMAGSRKSNVCPSNQRIY\*MFIKYYRATINKRWW\*\*WNK\*DLQTRRRRHKG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKLPKGSTAPGDLGMLWKTHLHHCCALEC\*LE\*\*NSKADLGQHDLDRLGERN\*QLYRHNIFPN\*RIAEPTGKE\*TRLIGT\*\*MGKLVELV\*HITMAVVHKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGIFTIIVPDPPPRHEGTRQARRNRRRRWRERQKRIETI

>B.2010.KT427785.-

IKPVNPNLEPWKHPGSQPKTACTPCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRASQSSETHQAPLSKQ\*VYVITPLKTYAIVALVVAIIIAIVVWSIVLIEYRKILRQKKINRLINKIRDRAEDSGNESEGNQEKLSALVERGHQMGHNAPWVVNNL\*CYRTVVGHSILWGTCVERSNHHSILCIRC\*SI\*SKGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGKTDA\*KYNQFME\*KPKAMCKINPTLCYFRVQES\*AH\*Y\*CQ\*YWCHY\*\*HRTGKNKKLLFQYYHKHKR\*GAETTCTFL\*PKYSTNK\*\*KKR\*\*N\*E\*\*\*N\*I\*VNKL\*YLSPYTGLSKGIL\*ANSHTFLCPS\*FCDSKV\*\*\*KFQWERTVYKCQHSTMYT\*N\*TSGINSTTVKWQSSRKKCSN\*I\*KFHRQC\*NYNSTAEKKYNN\*LCKTQQ\*YKNKYTYRTRESILCNR\*YNRRYKTSTL\*P\*\*KSMV\*RFSTNI\*KITKTIWEQNNNSF\*SILRRGPRNCKAYF\*LWRGIFLL\*YNTTI\*\*YLG\*\*YF\*YLG\*\*YLG\*WYCKVN\*\*\*NKY\*YYTSMQNKANYKHVAGSRKSNVCPSHQGTN\*LFIKYYRTAINKRWGK\*\*\*\*\*QK\*DK\*DRDF\*TWRRKYERQLEK\*II\*I\*SSAN\*TIRNSTHQGKKKSGAKREKSSGNRSIVHWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQPAEGYSGATAFVAAHSLGHQAAPGKSPGCRKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*DST\*DLG\*HDLDAMGKRN\*QLHKLNIHFN\*RIAEPTGKE\*TRIIRIR\*MGKFVELV\*YNKLAVVYKNIHNGSRRFDRVKNSFYCTFYSE\*S\*AGILTIVVSDPLPSPEGTRQARRNRRRRWRARQRQIHTF

>B.2010.KT427786.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKRCCLHCQVCFTNKALGISYGRKKRRQRRRAPQDSQTHQVSPSKQ\*VIHVMQSLQILAIVGLVVAAILAIIVWTIVYIEYRKIVRQKRIDKLIDRIRERAEDSGNESEGDQEELSALVEMGHHALWDVDDL\*CCRTIVGHSLLRGTCVERSNHHFILCIRC\*GISHRGT\*CLGHTCLCAHRP\*PTRSKIGKCDRKF\*YVEK\*HGRTNA\*GYNQFMGSKPKTMCKINPTLCCFNLH\*C\*FHY\*WY\*\*Q\*\*Y\*WQ\*\*\*\*YSGRYENEKLLFQCHHRHRK\*DAERICTFS\*A\*CNTNRW\*\*\*HKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKM\*RYEVQWNRTMFKCQHSTMYTWN\*ASSVNSTTVKWQSSRRRSSN\*ISKLLGQWENHNSTSE\*ICSN\*LYKTRQQYKKKYNLRTGESLLCNRKHNRRYKTSTL\*H\*\*GPME\*YFKTDSHKIKRTLE\*HNNI\*SPLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLARWGHLE\*Y\*KHSQYHTPM\*NKTNYKQVAGSRKSNVCPSHQRTN\*LLIKHYRVAINKRWW\*\*\*CYKERDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIGNSTHQGKEKSGAERKKSSGSTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*KSDYDLGQHDLDGVGERN\*QLHRLNLHFT\*RIAKPTRKE\*TRAIGIRFMGKFVELV\*HNKMAVVCKNIHNGSRRFNRYKNSFYCAFYSE\*S\*AGILTTVIADPPPSPTGTRQARRNRRRRWRERQKQIRAI

>B.2010.KT427787.-

MEPVDPKLEPWKHPGSQPKTACTKCYCKQCCFHCQVCFMKKGLGISYGRKKRRQRRRPPQGSQTHQASLSKQ\*VVYVMQPLQIVAIVALVVVAIIAIVVWTIVLXXYXKXLRQRXIDRLXDRIRDRAEDSGNESEGDQEELSALVEMGHYAPWDVDDL\*C\*RQFVGHSLLWGTCVERSKHHSILCIRC\*SI\*ERGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYNQLMGSKPKAMCKINPTLCYFKLY\*F\*YYY\*YQ\*YQ\*\*\*RGKNG\*NNERRNKKLFFQHHHKHKK\*AAERICTLL\*T\*CNTNRE\*EY\*L\*DNRL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKVQR\*EVQWNRTM\*KYQHCTMYTWN\*ASSINSTAVKWQLSRRRCSN\*IC\*FHK\*C\*NHNSTAERICRN\*LYKTRQQYKKKYTYRTREGILCNRKHNRRYKTSTL\*H\*\*SKME\*YFKADS\*KIKRTI\*E\*NNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HSRTV\*\*YLE\*Y\*RGR\*HGRK\*YHHTPM\*NKTNYKQVAGSRKSNVCPSHPRTY\*LLIKYYRATINERWW\*\*RERARDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*SKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSAAAKQFAAGY\*GATASVATHSLGHQATPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*NSGSNLGEHDLDGVGKRN\*QLHRLNIHLN\*RIAEPAGKE\*TRLIGIR\*MGKLVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2010.KT427788.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRPRRRPSPDSKIHQASLSKQ\*VVHVMXXLQILAIVALVXVAIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSKLVEMGHLAWDVDDL\*CYRKLVGHSLLWGTCMERSKHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSGVGKCDRKF\*HVEK\*HGRTDATIQNSNNNTSSWNMAAENKKLLFQCHHKYNK\*DAERICTFL\*T\*CSTNREE\*YKLYVDXL\*HLXHYTGLSKGIX\*TNSHTLLCPGWFCDSXX\*R\*EIQWNRTM\*XC\*HSTMYTWN\*ASSVNSXAVKWQSSRRRHNN\*I\*KSHREY\*NYNSAAE\*ICSN\*LYKTQXDKKKHXYGIGTGESNLXNRKNNRRYKTSTL\*P\*\*SSMEQHFK\*DSYKIRRTXSE\*NNNL\*SIXGGRPRNCNAQF\*LWRGVFLL\*YITAV\*\*YLAX\*WYXX\*X\*XYWRKXHTPMQNKTNYKXVAGSRKSNVCPSHQXTXXMFIKYYRAAINKXWW\*Q\*RVQHEQARDLQTCRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSDAGSLVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGEIPTGSTAPGALGLLWKTHLHHCCALEY\*LE\*\*NSRRDLAEHDLDAVGERD\*QLHKLNIHLT\*KIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNTMAVVHKNIHNDSRRLNRFKNSFYCTFYSE\*S\*EGILTIIVPDPPPSPEGTRQARRNRRRRWRERQRQIGKI

>B.2010.KT427791.-

MEPVDHRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRTPQGSQTHQGSLSKQ\*VVYVMQPLQILAVVALVVAAIIAIVVWTIVFLEYRKLLRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHDAPWDIDDL\*CCR\*LVGHSLLWGTCVERSNHHSILCIRG\*SI\*NRST\*CLGYTCLCAHRPQTTKSSIKKCNKKF\*YVEK\*HGXPDA\*XYNQFXXSKPKAMCKINSTLCYFKLH\*PKX\*\*X\*\*XYPTE\*YWCKKLLFLHHLGHKR\*GAERTCTFLYN\*FSTNR\*R\*\*\*Y\*R\*W\*Y\*L\*VDQL\*HLSHHTSLSKGNL\*ANPHTLLCPGWVCDSKV\*\*\*DIQWNRTMYKCQHSPMYTWN\*TSGINSTAVKWQFSRRRGSN\*I\*KYHGQC\*KHNSTAE\*NCRN\*LYKTQQQYKKRYTYRTREGILYIKHSRRYKKSIL\*H\*\*RKME\*HFK\*DS\*QIKRAICE\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTAI\*\*YLVC\*WYY\*K\*YWKRNYHTPMQNKTNYKHVARSRKSNVCPSYQGTN\*LYIKYYRADINKRWW\*KRHRDRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNTGSHVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPSCGKIPTGSTAPRALGVLWKNHLHHCCALEC\*LE\*\*ISK\*YLE\*HDLDGVGERN\*QLHRVNIHFN\*RIANPTRKK\*KGLIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFQNNFCSIFFSK\*S\*AGVFTTIISDPPPSSEGTRQARRNRRRRWRARQRQIRTI

>B.2010.KT427792.-

MEPVDHRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRGPPQGSETHQAALPKQ\*VVHVMPPLEPLQIGAIVALVVAAIIVIVVWTIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALMEVGHLEMGHHAPWDVNDM\*SYRTIVGHNILWGTCVERRKHLSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*TTRNRIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSIPKTMCKTNPTLCHFKL\*\*LEWDQE\*HQ\*DMGGRNKKLHFQCHIRSGR\*KEERICTF\*CT\*CSTHR\*KQ\*YRIYVDKL\*HLSHNTGLSKDIL\*TNSYTLLCPGWFCDSKV\*\*YRVQWNRTM\*KCQHSTVYTWN\*TSSINSTTVKWQPIKGRGSN\*I\*KFHEQ\*QNHNSTAE\*ICRN\*LYKARQQYKKRYTSWTWASNICNRTNNRRYKTSTLQP\*\*NRMGNSFRTDSYTIEKTIWQQDNNL\*ESLRRGPRNYNVHF\*LWRGVFLLQYNKAV\*\*YLV\*E\*YRRE\*YRRGK\*NYHTPMQNKTNHKQMAGSRKSNVCPSHQRIY\*LFSKYYRDAINKRWWQ\*\*QPQRDFQT\*RGKYEGQLEK\*VI\*I\*GSPN\*AIRNSTHQGEEKSGAERKKSSDTGSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCTLEC\*LE\*\*IL\*SDLG\*HDLDGVGERN\*QLYRLNI\*LN\*RITKPAGNK\*KRIIGIG\*LGKSVELV\*HIKLAVVYKNIHNDSRRLNRIKNNLCCAFYSE\*S\*AGIFTIVIPDPPPNPEGTRQARRNRRRRWRERQRHIRQI

>B.2010.KT427794.-

MEPVDPRLEPWKHPGSQPRTPCTSCYCKKCCFHCQVCFIKKALGISYGRKKRRRRGALKGNPRHQVSLPKQ\*VIHVMHPLQILAIVALVVVAIIAIVVWTIVIIEYRRLRRQKKIDRLIDRIRERAEDSGNDSEGDQEELSALVDMGHHAPXDVDDL\*C\*RRFXGHSLLWGTCVERSNHHSILCIRC\*SI\*PRGT\*CLGHTCLCTHRP\*STRSKFEKCDRRL\*YVEKQHGRTDA\*GYNQLMGSRPTAMCKINPILCHSRMQ\*YY\*\*YY\*\*\*QXK\*\*NKYEGRIKKLFI\*YHHTXNKEGAKRICNF\*\*T\*YSTNRK\*\*QELYVDKL\*YLSHYTGLSKDIL\*TNSHTLLYPGWFCDSKV\*X\*KVQWNRTMYKRQHSTMYTWN\*ASSVNSIAVKWQSSRRRCSNQV\*KFLEQC\*KHISTAECHCRN\*LYKTQQQHKKEHTCSMGKNIICNRRHNRRYKTSTL\*P\*\*NRLGKNFKTDSYKIRRTI\*EKYNNKI\*SIHRRRSRNCNTYF\*LWRGIFLL\*YNKVV\*\*YLEVQRY\*QHLD\*RKPY\*RRKPY\*RK\*HNHTPM\*NKANYKQVAGGRKSNVCPSH\*GTN\*MYIKYYRDDINKRWW\*GE\*DREYRDLQTWRRRYEGQLEK\*II\*I\*NSKN\*AIRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGNSRKHYGRSVNHADGTGQTIIVWYSAAAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCRKIPKGSTAPRNLGLLWKTHLHH\*CTLE\*\*LE\*\*NSKPDLG\*HDLDTVGERN\*QCHRDNIQLT\*RIAEPARKE\*TRIIRIG\*VGKFVELV\*HNKMAVVYKNIHNDSRRLSRFKNSFCCAFSSE\*S\*AGILTIIVADPPPRNEGTRQARRNRRRRWRARSRQIQTI

>B.2010.KT427796.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCLHCQVCFMTKGLGISYGRKKRRQRRRSPKDNSDHQVPLSKQ\*VVNVMQALQIAAIVALVVVGLIAIVVWAIALLEYRKLLRQRKIDRLIARISERAEDSGNESDGDQEQLAALVERGHLAPWDINDE\*G\*RR\*FVGHSLLWGTCVERCKHHSILCIRC\*RI\*HRDA\*YLGHTCLCTHRS\*PTRNSIGKCDRKF\*HVEK\*HGRSDA\*GCNQFMGSKPKTMCKINPTLCYFKLY\*FV\*KL\*\*FK\*YPK\*EL\*\*GE\*GHRKGGETDGGGRNKKLLFQCHHKCKR\*GSKAIWNF\*\*I\*YSTNR\*\*\*YKLYAGKL\*HLSHYTDLSKGNL\*TNSHTLLYPGWFCDSKVQ\*\*KV\*WNRTM\*KCQHSTMYTWD\*ASSVNSVAIEWQSSRKRDSN\*I\*KFYKQC\*NHNSTAE\*NCKN\*LYKTQ\*QYKEKYTYGIWESISYNRGHNR\*YKTSTL\*H\*\*KGMEQHFKTGS\*KIKRTI\*\*NSNRV\*AILRRGPRNCNAHF\*LCRGILLL\*YITAVQ\*YLEFH\*C\*E\*D\*RVK\*HYHTPM\*DKTNYK\*VARSRKSNICSSYPRTNLLFIKHYRVAINKRWG\*KQPDQ\*DF\*TWRRRYEGQLEK\*TV\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNAGSNVPWVLGNSRKHYGRSVADADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGH\*TAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*KSEYNLG\*HDLDTVGERN\*KVHRLNIPIARRIAKPTRKE\*TRIIGIR\*VGRFVELV\*HNKLAVVYKNIHNDSRRLNRIKNSFCCTFCSE\*S\*EGILTIVIPDPPPSHEGTRQARRNRRRRWRERQRQIHTL

>B.2010.KT427797.-



>B.2010.KT427799.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKQCCFHCQVCFTKKGLGISYGRKKRRQRRRTPHDSESHQAPIPKQ\*VVHVMQPLEIAAIAALVVAAIIAIIVWTIVLIQYKRILRQRKIDRLIDRIRDRAEDSGNESEGDQEEISALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSACVERCKYHLILCVRC\*SI\*HGGA\*CLGHTCLCTHRP\*STGNSIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKTMCKINPTLCYLELL\*LQ\*YQ\*YNRSQYGGSNKKLLFQCYHRYTK\*NEERICTVL\*P\*YSTNRK\*K\*KQ\*KLYVKKLQYLSHYTGLSKGNL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTM\*KCQHSTVYTWNQASSVNPTAVKWQSSRRRDNN\*I\*KYHKQC\*NHNNTAEQVYRN\*LYKTQQQHKKEYTYGMGESILCNRRYNRRHKTSTL\*P\*WNKME\*HFIPDS\*KITRTL\*QHNSL\*SILRRGPRNCNAYF\*LWRGILLL\*YNTVI\*\*YLAC\*\*HLE\*DYRIRVK\*HYLTPMQNKTNYKQMAGSRKSNVCPSHRRTN\*MFIKYYRDTINKRWWYREQHVRDFQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSDVWSFFPWVLRNSRKHYGRSINNADGTGQTIIVWYSATAEQPAESY\*GATTYVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISK\*NLG\*HDLDAVGERN\*QLHKLNIHLN\*RVAIPARKE\*TRIIGIG\*MGKFVELV\*HNKLAV\*EA\*\*V\*E\*FLLCFL\*\*KELGRDTHHYRSRSAPQPGGDPTGPKESTKKVERETETDPID\*

>B.2010.KT427802.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCXHCQXCFIKKGLGISYGRKKRRQRRRPPQSSQAHQVPLPKQ\*VVYVMQSLQIVAIVALIVVAILAIAVWTIVLIEYRKILKQRKIDRXIDRIRERAEDSGNESEGDQEELSALVGMGHDAPWDVNDL\*CYNIVGHSLLWGTCMERRNHHSVLCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRNANXKCDRIF\*YVEK\*HGRTDA\*GCNQFMG\*KPKAMCKINPTLCYFKLH\*SEG\*\*NQC\*\*YQC\*YH\*CS\*WGRNEKLLFQCNHKDRKKEYAARICTFL\*A\*YSTNR\*\*YYQLYIDKL\*HLSHYPSLPKGIL\*TNSYTLLCPGWICDSKV\*\*\*KIQWNRTMHKCQHSTMYTWN\*ASSVNSTAVKWQSIKRRGRN\*ISKLLEQC\*SHNSTTE\*NYSN\*LYKTQQ\*YKKKYTYRTRESILCNRRNNRKDKTSTL\*S\*CSPME\*RFKKDSYKIKRTI\*E\*NNNL\*QLFRRGPRNCNAHF\*LWRRIFLL\*YNTVV\*\*YLVF\*QYLEXYWKVK\*NYLPSMQNKTNYKQVAGSRKSNVCPSHQRKN\*LFIKYYRTDINKRWWWWSERHQ\*DLQTXRRRXEGQLEK\*II\*I\*SSKN\*ATRDSTNQGKEKSGAERKKSSDTRSYVHWVLGSSRKHYGRSVXDADGTGQTTTVWYSATAEQSAESY\*GATAFVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHYCALEY\*LE\*\*IYR\*NLA\*YDLDAVGERN\*QLYKRNIRVT\*KFAEPTRKE\*TRIIGIR\*VGKLVELV\*HNKLAVVYKNIHNDSRGLSRFKNSFCCNFYNK\*S\*EGILTIVIPDPLPSPEGTRQARRNRRRRWRARQRQIQAI

>B.2010.KT427803.-

MEPVDPSLEPWKHPGSQPKTACNKCYCKRCCLHCQVCFINKGLGISYGRKKRRQRRRPPPDSQTNQVSLPKQ\*VVHVMYALQISAIVALVVTAIIAIIVWTIVLIEYRKILRQRRIDKLIDRIRERAEDSGNESEGDQDELLMEMGHLAPWDVNDL\*CCRKVVGHGLLWGACMERSNYHLILCIRC\*SI\*YRDAQCLGHTCLCTHRP\*PTGNTLDKCDRRL\*HVEK\*NGRTDA\*GYNQFMGSKPKAMCKINPTMCYYELH\*L\*GEEH\*LQYKHYQLQ\*YGEGKNKKLLFRYHHRHRK\*DAERSCTF\*\*R\*FSTNKYS\*WH\*CHNLDVEKL\*HLSHYTGLSKGIL\*TNSHTLLYPGWFCDSQV\*\*\*EI\*WNRTM\*QCQHSTMYTWN\*ASSVNSTAVKW\*SSRRRHSN\*I\*KYHRQC\*NHNSTPEGICTN\*LYKTQQQYKKKYTYRIWENIVCIRRNNRRYKTSTL\*PY\*SNMERNFKTDSHKVKRTISKHNNSI\*SILRRGCRN\*NAQF\*LWRGIFLL\*YNKTVSQFLECK\*FEYNTEWD\*\*\*\*YHTPMQNKTNYK\*VAGSRKINVCPSRPRTN\*MFIKYYRAAINKRWW\*QHHGEGSVQTWGRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSDTRSYVPWVLGSSRKHYGRSVTNADGTGQTIIVWYSAAAEQFAEGY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLGKTHLHH\*CALE\*\*LE\*\*ISE\*HLE\*HDLDAVGKRN\*QLHKHNIHLT\*ELANTARKE\*TRLVGIG\*VGRFVELV\*YNTVAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGIFTIVVPDPLPSSTGTRQARRNRRRRWRERQRQIQSI

>B.2010.KT427804.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRSPQDSQNHQVSLSKQ\*VVXVMHSLTILAIVALVVAAILAIIVWSIVLIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSILVEMGHDAPWNVDDL\*CCRTIVGHSLLWSTCVERSKHHSFLCLRC\*SL\*YRGT\*CLGHTCLCTHRP\*PTRNKNDKCDRKF\*HVEK\*HGRTDAQ\*YNQFMGRKPKAMCKINPNLCYSKL\*\*LWYFKV\*\*KGHK\*NYHPFYYHHYCYQHYY\*SRHGGRNEKLLFQYLQHRKQETERICTFQCT\*CSNR\*\*\*YKLYVDKL\*HLSH\*TGLPKGILSTNSHTLLYPXWFCASKV\*\*\*EIQWNRTM\*QCQHSTMYTWN\*TGSDNSTAVKWQSSRRRDSNQS\*KYXXQC\*XHNSTAECIYRN\*LYKTQQQYKKKHTTGMGESILCNRGDNRKHKTSIL\*R\*WNKMEQHFKKDS\*KIKRTR\*QNKNPV\*SLLRRGPRGSNAHI\*LWRGIFLL\*YNKAV\*\*YLA\*\*WNFEQYPGRK\*YYHTPMQNKANHKQVAGSRKSNVCPSHPRTN\*LFIKYYRTXINKRWRERD\*KERD\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAKRKKGSAGSYDPWVLGSSRKHYGRSVTDADGTSQTIIVWYSATAEQFAESY\*GATAYVAAHSLGHQAAPSKSPGCRKIPKGSTAPRDLGMLWKTHLHHCCALEY\*LE\*\*KSE\*NLG\*HDLDTVGKRN\*QLHRHNIFIA\*NSAKPTRKE\*TRLVGIG\*MGKFVELV\*HFKLAVVYKNIHNDSRRLNRFKNNFCCTFCSK\*S\*EGILTTLVPDPPPSSAGTRQARRNRRRRWRERQKQISAI

>B.2010.KT427805.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRTPKDSPPHQIPLSKQ\*VVDVMQSLYIVAVVALVVAAILAIVVWTIVXXEYRKILRQRKIDRLLDRILERAEDSGNESEGDQEELAALVEMGNXAPWVVNDL\*C\*RRQIVGHSLLWSTCVERSNHHSILCFRC\*SI\*HRGT\*CLGHPCLCTYRS\*PTRKXVGKCDRKF\*HVEK\*HGRANA\*GYNQFMGSKPKAMCKVNPTMCYFKLL\*FD\*SDRP\*\*DCA\*\*DYA\*WDMDKGRNEKLLFQCHHRHRRKGEERLCTF\*XT\*CSKXR\*\*\*LYIDKL\*HLSH\*TGLSKGIL\*TNSHTLLYPSWFCDSKV\*\*\*EVQWIRTM\*KCQYNTMYTWN\*ASSVNSTIVKWQFSRRRNNN\*I\*KFHGQY\*KHNSTTESXCXN\*VYKTPQQYKXKYTYGMGESIICNRRXNRRXKTSTL\*H\*WXXLEHYFXADSXKIXRTIQ\*NNNLCSVLRRGPRSCNAHF\*LWRGIFLL\*NNTAI\*\*YLDF\*\*DV\*\*YRE\*YYYHTPMQDKTNYKQVAGSRKSNVCPSHQRIN\*LHIKHHRANTNKRWWD\*QD\*E\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRISTHQGKEKSGTERKKSSNAGSYVPWVLGNSRKHYGRSVIDADGTGQTIIVWYSATAEQYAEGY\*GATAYVATHSLGHQTAPGKSPGCGKIPTGSTAPRNLGLLWKTHLYHCCALEY\*LEQ\*ISG\*HLGEYDLDAVGERN\*QLHRXNIHIT\*KIAEPTRKE\*TRXIRXG\*VGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKNSFYCTFYNK\*S\*EGILTIIIPDPPPSREGTRQARRNRRRRWRERQRQIHSI

>B.2010.KT427808.-

MEPVDPSLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRAPPDGQSNQDSLPKQ\*VV\*VMQALSIVAIAALVVXGIIAIVVWTIVLIEYRKILRQRKIDRIIERIVERAEDSGNDSEGDQEELSALVGMGHHAPWNVDDL\*CCRTIVGHSILWGTCVERCRHHSILCIKC\*SISHRGT\*CLGHTCLCTHRPQPTRSKIGKCDRIFQHVEK\*HGRTNA\*GYNQSMGSKPKAMCKINPTLCYFKLHECYYH\*\*\*H\*LYYD\*GQREGRNKKLLFQCHHSHKKQDTKRICSL\*\*T\*CSTDRYR\*YKLYVEKL\*HLSHHTGMSKDIL\*TNSYTLLCPGWFCDSKV\*\*\*NIQWKRTM\*QCQHSTMYTWNQASSVNSTAVKWQFSRRXSD\*I\*KYLKQC\*NHNSTAE\*NCRN\*LYKTQQQYKKEYTYRAREGILCNRKYNRRHKTSTL\*P\*YNKME\*NFKKDSYKTKRTI\*X\*NNCL\*SILRRRPRNCNA\*F\*LWRGIFLL\*YITAV\*\*\*LDV\*\*YCVNRE\*EQWNYHTPMQNKTNYKQMARSRKSNVCPSHQXTN\*MYIKYYRADIDKRWW\*YK\*Q\*QY\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGTRSXVPWXLGSSRKHYGRSITNADGTXQTIIVWYSATAEQSAEGY\*GATKNVATHSLGHQAAPG\*SPGCGKIPTGSTAPRDLGLLWKTHLHHXXALEC\*LE\*\*VSGHNLG\*HDLEAVGQRNCKLHRINIQPT\*RIAEPTGKK\*TRIIGIG\*VGKFVELV\*HNTMAVVYKNIYNGSRWVSRIKNSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRARQRQIHSL

>B.2010.KT427811.-

MEPVDPRLEPWKHPGSRPRTPCNKCYCKKCCFHCQHCFITKGLGIFYGRKRRQRRRAPQDSPTHPVPPSKQ\*VVHVMQTLQIVAIVALVIAAILAVGVWTIVLIEYKKIRRQQRIDRLIDRIRDRAEDSGNESDGDQEELSGLVEMGHNAPWIVDDL\*C\*\*RQVVGHSLLWGTCMERSNHHSILCIRC\*SI\*TRDA\*CLGHTCLCAHRP\*STRVSVGKCDRKF\*HVEK\*HGRADA\*GYNQFMGSEPKAMCKINPTLCYFKLH\*C\*CY\*EYHQ\*\*SHWG\*LDR\*NNTGRRGRNKKLLFQYHHKHKR\*GTKTICTF\*\*T\*CSTNGY\*\*\*\*YKLYANKL\*HLSHYTGLSKNIL\*TNSHTLLHPGWFCDSKV\*\*\*KVQWNRTMYKCQYSTVYTWN\*ASSDNSITAKWQSSRR\*DSN\*V\*KYHEQC\*NHTSTAE\*NHNN\*LYKTQQQYKKKYICSMGESIIYTRRNNRRYKKSILYP\*WNRMEQHFKTGSCKIKREIW\*\*NNSL\*SILRRGSRTYNAHI\*LWRGIFLL\*YIKTV\*QYLEQYLAG\*YS\*RVK\*Y\*HHTPLQNKTNYKQMAGSRKSNVCPSHQGKNSMFIKYYRAAISKRWW\*REH\*\*HRDLQTWRRRHEGQLEK\*II\*I\*SSAN\*ASRNSTHQGKKKSGAERKKSSNNRSYVPWVLGSSRKHYGRSVNRADGTGQTIIVWYSATAE\*SAEGY\*GATTYVATHSLGHQAAPGESPGCGKIPKGPTAPGNLGLLWKTHLHH\*CALEY\*LE\*YISG\*NLEQHDLDAVGERN\*QLHRLNIHLT\*RIAEPARKE\*KGIIGIG\*MVKFVELVHHIKLAVVYKNIHNDSRRLNRFKNSFCYTFYSE\*S\*AGILTIIVSDPFPSPEGTRQARRNRRRRWRARQRQINSI

>B.2010.KT427813.-

MEPVDPRLEPWKHPGSRPRTPCNKCYCKKCCFHCQHCFITKGLGIFYGRKRRQRRRAPQDSPTRPIPPSXQ\*VVHVMQTLQTVAIVALXIAAIIAVVVWTIVXIEYKKIRRQQRIDRLIDRIRERAEDSGNESDGDQEELSGLVEMGHNAPWVXDDL\*G\*\*RQVVGHSLLXGTCMERSNHHSILCIRC\*SI\*TRDA\*CLGHTCLCAHRP\*STRVSVGKCDRKF\*HVEK\*HGRADA\*RYNQSMGSEPEAMCKINPTLCYFKLH\*C\*CY\*XH\*SH\*EYHHSH\*W\*LDR\*NNTGRRGRNKKLLFQYHHKHKX\*GTKTICTF\*\*T\*CSTNGY\*YK\*YKLYANKL\*HLSHYTGLSKNIL\*TNSHTLLHPGWFCDSKV\*\*\*KVQWNRTMYKC\*YSTVYTWN\*ASSDNSTTAKW\*SSRR\*DSX\*V\*KFHKQC\*NHTSTAE\*NHNN\*LYKTQQQYKKKYICSMGESIIYTRRNNRRYKKSILYP\*WIRMEQHFKTGSGKIKREIW\*\*NNXF\*SILRRGSRNNNAHI\*LWRGIFLL\*YIKTV\*QYLEQ\*\*YN\*KVR\*YY\*HHTPLQDKTNYKQMAGSRKSNVCPSHQRKNSMFITYYRAAISKRWW\*QEQ\*\*HRDLQTWRRRHEGQLEK\*II\*I\*SSAN\*ASRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNRADGTGQTIIVWYSATAE\*SAEGY\*GATADVATHSLGHQAAPGESPGCGKIPKGPTAPGNLGLLWKTHLHH\*CALEY\*LE\*YISG\*NLEQHDLDAVGERN\*QLYRLNIHLT\*RIAEPARKE\*KGIIGIG\*MVKFVELVHHIKLAVVYKNIHNDSRRLNRFKNSFCYIFYSE\*S\*AGILTIIVPDPFPSSEGTRQARRNRRRRWRARQKQINSI

>B.2010.KT427815.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRTAPQDSQTHQAPLSKQ\*VVHVMSPLQIVAIIALVVTGIIAIVVWSIVALEYRKILRQRKIDQLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*C\*GAIVGHSLLWGACVERSNHHSVLCIRC\*SIC\*RST\*CLGHPCLCTHRPQPTRSTIGKCDRKF\*HVEK\*HGRTNA\*GYNQSMGSKPETMCKINPTLCYFKLQKLYGGY\*YYHFQYYHSH\*YGRSEKLLFRYHHKHKR\*GAERTCTFLYI\*FSKNS\*\*\*\*\*\*\*\*\*\*\*\*L\*VDKL\*HLSHYPSLSKSNL\*TNSHTLLCPGWLCDSKV\*\*YKVQWIRTMSKC\*HSTMYTWN\*ASSVNSTAVKWQSSRRRHSN\*ICKYFRQY\*NHNSTAERTCTN\*LYKTQQ\*YKEKYKYRTRGILYNRKHNRRYKTGIL\*S\*YDKME\*HFRTDS\*QIKRTI\*GTI\*E\*DNTI\*SVLGRRPRNCNAQF\*LWRGIFLL\*YITTV\*\*YLGYK\*N\*\*EK\*IYNHAPMQNKTNYKQVARSRKSDVCPSHCRTN\*LFIKYYRATINKRWWY\*\*\*YRGLQTWRRRYEGQLEK\*II\*IQSSTN\*TNRNSTHQGKEKSGAERKKSNRNRSSVRWVLVSSRKHYRRSVSDADGTGQTITV\*YSATAKQFAEGY\*GATASVATHSLGHQAAPGKSPSCGKLPKEPTAPGNLGLLWKTHLHH\*CALEY\*LE\*\*N\*KKNLE\*HDLDAMGKKN\*QLHRRNIQFT\*NITEPTRKE\*TRTTKIR\*MGKFVDLV\*HIKLAVVYKTIHNNSRRLNRFKNIFYCTFYSE\*S\*AGILTNIVSDPPPNPEGTRQARRNRRRRWKNRQKQIETV

>B.2010.KT427819.-

MEPVDPRLEPWKHPGSQPRTACNKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPHSSSNNQVAVPKQ\*VVYVMKPLEIAAIVALVVSAIIAIVVWTIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHHAPWDVNDV\*CYRKFVGHSLLWGTCVERSIHHFILCIRCQSS\*NRGA\*YLGHTCLCTHRP\*SSRNGIGKCDRKF\*HVEK\*HGRTDA\*GYKKFMGSKPKAMCKINPILCYFKLH\*FESYQY\*\*\*\*\*\*\*RDTGNEKLLFQYHQ\*HKK\*DAERICTFV\*T\*YSTNKR\*\*YKLYIDKL\*HLSYYTGVPKGNL\*TNSHTLLCPGWFCDSKV\*R\*GVQWNRTMYKCQHSTMYTWN\*ASSINATVVKWQSIRRKGNN\*I\*KFNKQC\*KHNSTAA\*TCNN\*LYKTQQQYKKRYTYGMGENILCNGSNNRRYKTSTL\*P\*QYRMEQHFKTSS\*QIKRTL\*\*\*NNSL\*PLIRRGPRN\*NAHV\*LWRGIFLL\*YITTV\*\*YLAA\*WYLAV\*\*Y\*E\*DKWKYHTLMQNKTNYKQVAGSRKSNVCPSHRREN\*LFIKHYRADINKRW\*QHK\*HV\*NLQTWRRRHEGQLEK\*II\*I\*SSKS\*ASRNSTHQGKEKSGAERKKSNRIRSYVPWVLGSSRKHYGRSISDADGTSQTIIVWYSATAE\*SAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCRALEY\*LE\*\*ISRQYLEQHDLDAVGERN\*QLHRPHIQLT\*RIAIPTGKE\*TGPIGIG\*VGKFVELV\*HNKMAVVYKNIHNDSRRHSRFKNSFYCTFYCK\*S\*AGILTIVVPDPPPNSEGTRQARRNRRRRWRERQRQIRKI

>B.2010.KT427824.-

MDPVDPRLEPWKHPGSQPRTACNNCYCKKCCWHCQVCFLKKGLGISYGRKKRRQRRRTPQDSKNHQVPLSKQ\*VVHVMFSLQILAIVALVVAGIAAIIVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEKGHLAPMGHHAPWDVNDL\*CCRKLVGYSLLWGTCVERSNHHSILCIRC\*SL\*YGGT\*CLGHACLRTHRPQPTRTTIGKCDRRF\*HVEKQHGRTDAGGYNQFMGSKPKAMCKVNPTLCYFKLQ\*T\*VQ\*EWY\*\*HXY\*\*YXWX\*\*Y\*C\*W\*XY\*C\*\*Y\*FHL\*KNR\*NKKLLFQYHNKHKKHGAERICNI\*\*P\*CSTNR\*\*\*\*Y\*L\*VNKL\*HLSHYTGLSKXIL\*ANSHTLLYPGWFCASKM\*\*\*GVQWKRNM\*KCQHSTMHTWN\*TSSVNSTTVKWQPSRRRCSN\*ICQFHR\*C\*NHNSTAKQVCRNNLCETQQ\*YKKKYTYRAREHIFCNRRYNRRYKTSTL\*YY\*IKMD\*NFAPASKKIR\*TISKYDKNKLYCILRRGPRSCDAQC\*LWRGIFLL\*HNTTV\*\*\*LAEK\*WNLEYQYYWKLEY\*YYWE\*\*H\*YHTPM\*NKTNYKLVAGSRKSNVCPSHQGTN\*M\*IKYYRTAINKRWGRRWG\*\*K\*\*P\*QDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNRAGSYVPWVLGNSRKHYGRSVNNADGTGQTIIVWYSATAK\*FAEGY\*GATASVATHSLGHQAAPGKTPGCGKIPTGSTAPRALGLLWKTHLHHYCVLEY\*LEQ\*KSEPNLGEHDLDAVGKRN\*QLHRTNIHLT\*TIT\*PARKX\*TRIIGIG\*VGQPVELV\*HNTLAVVYKNIHNDSRRLDRFKNNFCCTFYSE\*S\*AGILTIIVXDPPPXPEGTRQARRNRRRRWRARQRHISGI

>B.2010.KT427826.-

MEPVDPRLEPWRHPGSQPKTACTNCYCKRCCFHCQVCFMQKALGISYGRKKRRQRRRAPQDSKNHQVPPSKQ\*VVHVMISLTIITIVAFIVVAIIAIVVWTIVFIEYRKLLRQRKIDRLIDRIRDRAEDSGNESEGDQEELAELVERGHLEMGHHAPWDIDDL\*C\*PTIVGHSLLWGTCVERCNHHSILCIRC\*ST\*YRET\*CLGHTCLCTHRPQPTRNEIGKCDRKF\*HVEK\*YGGTDA\*GHNQFMG\*KPKAMCKINPTLCYFTLH\*CQ\*H\*DY\*CHWHYYRARRTEKLLFQCHLQQK\*\*EEKRTCNF\*CT\*YSSNK\*G\*Y\*\*\*L\*LYFEKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*Q\*NVQWNRTMYKC\*HNTMHTWN\*ASSVNSTAVKWQPSRKKDSN\*ICKHIR\*C\*NYNSTPECISRN\*LHKTQQQYKEKYKYRTRESSVYDRRNNRKYKTSTL\*H\*WSNMEGHFTKDSWRTKKTL\*\*NNNL\*PIYRRGPRNNNAQLQLWRGIFLL\*YNKTV\*YYVEYYWRRKQQSH\*\*NYHTPMQNKTVHKHVAGSRKSNVCPSYQGTNSLLIKYYRATINKRWW\*\*\*\*\*VGDLQTGRRRYEGQLEE\*II\*I\*SSKN\*TIRNSTHQGKKESGAKRKKSNRRNRSCDPWVLGSSRKHYGRSVANADGTGQTIIVWYSATAKQFAESY\*GATAFVATHCLGHQAAPGKSPGFGKIPTGSTAPGNLGMLWENHLHH\*CALEY\*LE\*\*IYKSYLG\*HDLDGVGKRN\*\*SHRINIQIT\*RIAEPTRTE\*TRLIEIRYMGKFVELV\*HNQLAVVYKNIHNDSRRLDRFKNSFYYTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIRNI

>B.2010.KT427827.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKVCCLHCQVCFIKKGLGISYGRKKRRQRQKTSPGNPNHQVPLSKQ\*VVYVMQALVILAIVALVVTAIIAIVVWTIVLLEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVDRGHLVPWDVNDL\*G\*KEGRVVGHSLLWGTCVERSKRHSILCIRC\*SI\*PRGT\*CLGHTCLCTHRPQPSRSSIXKCDRKF\*HVXK\*HXXTXA\*XCNQFMXSKPKAXCKVNPNLCYFXMH\*FX\*\*QC\*CHK\*YQ\*Y\*YS\*PDVQNRSKKLLFQCHHRHKKISEERTCTF\*\*A\*YSTNR\*YKLYVXKL\*HLSHYTDLSKSNL\*TNSHTLLCPGXFCDSKM\*\*\*XVQWNRTMYKC\*HSTVYTWN\*ASSVNSTAAKWQSSRGRDSN\*S\*KFLEQRWKHNSTAEXICRX\*LYXAQQQYKKKYIYRTREGIFCNRRHNRRYKKSTL\*HFQTKVE\*HFTKGSYKIRRTIKEYNNNNL\*SIFRGPRNCHAHF\*LCRGIFLL\*YNRAV\*\*YLD\*Y\*WYLEYYWTTK\*Q\*NXYHPPMQNKTNYKQMAGSRKSNVCPSHPRTNQMFIKYYRNXINKXXWYQ\*NXQ\*NLQTXXXRNEGQLEK\*II\*I\*SSKS\*TIRXSTHQGKEKSGAERKKSSGNVRSYVPWVLGSSRKHYGRSVNSADGTGQTIVVWYSATAEQFAECY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKTYLHHCCALEWELE\*\*IS\*\*HLE\*HDLDAVGKRN\*QLHRINI\*IA\*RIAESTRKE\*TRIIGIG\*VGKSVELV\*HNTMAVVYKNIHNDSRRLNRFKNNFCCTFCSEES\*AGILTIIIPDPLPSREGTRQARRNRRRRWRTRQRQILSI

>B.2010.KT427829.-

MEPVDPKLEPWKHPGSQPTTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPQGDQTHQAALSKQ\*VIYVMNTLTIAAIVALVLAAIIAIVVWSIVLIEYRKILKQRRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CCRTILGHSLLWGTCVERSNYHSILCIRC\*RI\*YRGT\*CLGHTCLCTHRSQPTRSSIGKCNRKF\*HVEK\*HGRADA\*GYNQLMGSKPKAMCKANPTLCYFKLH\*C\*ECWC\*CH\*YSSF\*YS\*SCEGYEKLLI\*CHFRNKR\*GTERICTFL\*T\*YSTNR\*\*\*\*\*\*\*L\*VNKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWNRTVYQCQHSTVYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KLHEQC\*DLNSTAGRNYKN\*LYKTQQ\*YKKKYTYRTRESIFCNRHNRKYKTSTL\*PQ\*NRLE\*HFKKGS\*KIRKTI\*E\*NNKL\*AILRRGPRNCNAQF\*LCRGIFLL\*YNTTV\*\*YLA\*\*W\*YLVY\*\*\*YLVY\*WY\*RTK\*HYHPSMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKYHRAAINKRWW\*Y\*WHKWY\*DFQTWRRRYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAERKKSTGNARSYVPWVLGNSRKHYGRSVTDADGTGQTIIVWYSAAAEQFAEGY\*GATAYVTTHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKAHLHH\*CALEF\*LE\*\*\*ISRGYLG\*HDLDGMGKRN\*\*LHRLHIQFT\*RIAEPARKE\*TRLIGIR\*MGKSVELV\*HNKLAVVYKNIYNDNRRLDRFKNSFCCTFYSE\*S\*AGILTIIVADPPPNPEGTRQARRNRRRRWRERQRQIHKI

>B.2010.KT427830.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCLHCQVCFTKKGLGISYGRKKRRQRRRAPQDSETHQVYLPKQ\*VAHVMQTLSIIAIVALVVAAILAIVVWTIVYIQYRKIVRQRKIDRLIERITERAEDSGNESEGDQDELMELGYLAPWNVDDL\*CWRTIVGHSLLWGTCMERSNHHSILCVRC\*SI\*YRGTQCLGHTCLCTHRPQSTRSHIEKCDRKF\*HVEK\*HGRTDAAGYNQFMGSEPKAMCKTNPTLCYFNLH\*C\*R\*N\*CH\*\*\*\*YH\*W\*\*YYLGEGRNEKLLFQCHHRHKR\*DNERTCTFL\*T\*YSTNR\*Q\*\*QL\*QQ\*QQ\*\*QL\*\*L\*VDKL\*YLSHYTGLSKGIL\*SNSHTLLCPGWFCDFKVQR\*AVQWNRTM\*KCQYSAVYTWN\*ASSINSTVIKWQFSRRRDNN\*I\*QFHRQC\*SHNSAAERICTNKLYKTQQQYKKKYKYRARESILCNRRYNRRYKTSTL\*H\*WNTMEQNSTTGS\*KVKRTI\*\*\*EHNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YN\*TV\*QYLE\*\*H\*YLGE\*H\*YWEYHTPM\*NKTNYKHVAGSRKSNVRPSYQRTN\*MLIKHYRAATSERWWYK\*HKQLRDFQTWRRRHEGQLEK\*IIQV\*SGKN\*TIRSSTHQGKEKSGAERKKSSGNAGSYVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISR\*HLE\*HDLDAMGKRN\*QLYRLNIHLN\*TIAKPTRKK\*TRIIRIR\*VGKFVELV\*HNKLAVVYKNIHNDHRRLDRFKNSFCYTLCSK\*S\*AGILTFVISDPPPNPEGTRQARRNRRRRWRARQRQIHTI

>B.2010.KT427831.-

MEPVDPRLEPWQHPGSQPKTPCTRCYCKKCCLHCQVCFTTKGLGISYGRKKRRQRRRPAPDSQTDQVSLPKQ\*VINVMQLLQILAIVSLAIGAIIAIVVWTIVFLEYRKILRQRKIDRLLERIRERAEDSGNESEGDQDELAQLIEVGHLVPGDANDM\*CCK\*FVGHNLLWSACVERSNHHPILCIRC\*SI\*HRGT\*CLGNTCLCTHRP\*PTGSRIEKCNRKF\*HVEK\*HGRTDE\*RYNQFMGSKPKAMCKINPTLCYSKLH\*FE\*\*C\*\*DQY\*\*\*\*\*ERDKGRNKKLLF\*YHHKQKKK\*IAERICTFL\*AGYSTNR\*\*\*HEQ\*YR\*FKLCKLYIDKL\*HLNHYPSLSKGIL\*TNSHTLLCPGWFCDSKM\*\*EELHWNRTM\*KCQYSTMYTWN\*TSSVNSIAVKWQSSRRRDSN\*I\*KFHGQC\*NHNSTTE\*ICSN\*LYKTQQQYKKKYTYGTRESMVHNRRNNRKYKRSTLQP\*\*NKME\*HFKTDSYKIRKLLCQQNNNLY\*LLRRGP\*NCNSQFYLWRGVFLL\*YNTAV\*\*YSVF\*WYLDLEWY\*GVK\*HYHTPMQNKTIYKQVARSRKSNVCPSHQRTN\*MLIKYYRAAINKRWRGSERD\*RD\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSATAKQLADGY\*SATASVEAHSLGHQAAPGKSPSCRKIPKGSTAPRDLGLLWKTHLHHYCALEQ\*LE\*\*ISRLYLE\*HDLDAVGKRD\*QLHRGNIQLN\*KIAKPARKE\*TRLIGIG\*VGQFVELV\*YNTLAVVYKNIHNDSRRLNRIKNSFYCTFYSK\*S\*EGILTIIVPDPLPGPEGTRQARRNRRRRWRERQRQIQSL

>B.2010.KT427841.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPQDSQTHQASLSKQ\*VVYVMQSLEIYAIVALVVVAIIAIVIWSIVLIEYRKILRQKRINRLLDRIRERAEDSGNESDGDEEALAALVDRGHDAPWDVNDL\*CHNKPVGHSILWGTCVERSYHHAILCIRC\*SI\*PRET\*CLGHTCLCTHRPHPTRNGIGKCDRKL\*HVEK\*HGRTDA\*GHNQFMGSKSKAMCKINPTLCHFKLQ\*C\*\*WY\*YYYGQ\*YYLGKGK\*RRNKKLLFQCHHR\*TR\*DEE\*ICSLLQT\*CSTNRG\*\*\*\*WQE\*L\*\*L\*IDTL\*YLSHYTSLSKGNL\*TNSHTLLCPGWFCDSEV\*\*\*EFQWNWTMYQCQHSTMYTWN\*ASSINSTTVKWQPSRRRCSN\*I\*KFHKQC\*NHNSAVE\*NSRN\*MYKTQQQYKKKHTYRTRESILWIRHNRRYKKSTL\*Y\*\*DKME\*NSETDS\*KIKRTI\*K\*NNNLSATRRRGPRNCISYVQLWRRIFLL\*YNTTV\*\*YLDNK\*\*\*RVKYQYRE\*HNNTPMQNKTNCEHVAGSRKSNVCSSH\*GSHQLFIEYYRDSINKRWWYKYN\*HK\*GLQTCRWRYEGQLEK\*II\*I\*SSEN\*TIRSSTHPGKEKSGAERKKSGDTRSYVPWVLGSXRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATTSVATHSLGH\*TAPGKSPGYRKIPKGSTAPRNLGLLWKTHLHHYRALEH\*LE\*\*NPERDLGKHDLDAMGERN\*KLHRGNIRIN\*RIAKPTRKE\*TRVIEIR\*VGKSVELV\*HIKMAVVYKNIHNDSRRLDRFKNSFCYTFYSE\*S\*AGILTFIIPDPPPNPEGTRQARRNRRRRWRKKQRQLHSL

>B.2010.KT427847.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCLHCQVCFITKGLGISNGRKKRRQRRRAPQGSPAHQISVSNQ\*VVYVMQPLQPIQIVAIAALVIVAIIAIVVWTIVYIEYRKILRQRKIDKLIDRITERAEDSGNESDGDQDELATLLEMGHHAHGNIDDL\*CCRTIVGHSLLWGTCMERSNHHSILCIRC\*SI\*HRGP\*CMGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTNA\*GCNQFMGSKPNAMCKINPTLCCFKLL\*TTLKLY\*\*YYQK\*ELH\*LGKDGGRNKKLLFQYHHKHEKGANRSCTV\*CT\*YSTNR\*YKLYVETL\*HLSH\*TGLSKSIL\*TNSHTLLCPSWFCDSKV\*\*\*GVQWNRSMYKCQYSTMYTWD\*ASSVNSTTVEWQSSRRRGGN\*V\*KFHKQC\*NHNSTAERNCTN\*LHKTQQQYKKEYTSRIRESILCNRRHNRRYKTSTL\*H\*\*NKMGKHFKKGS\*KII\*TI\*\*NNSLYAIFRRGPRIGNAHF\*LWRGIFLL\*YNTAV\*\*CLE\*D\*AV\*\*Y\*E\*CKQHTHTPMQNKTNYKQVAGSWKSNVCPSHQRTN\*VCIKHYRATINKRWW\*QFF\*NQFF\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGDNRSYVPWVLGSSRKHYGRSVNDADGTS\*TIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKIHLHHYCALE\*\*LE\*\*ISGHDLG\*HDLDGMGERN\*QLHKCNIHFT\*RIAEPTRKE\*TRIIRIGQVGKFVELV\*HNKLAVVYKNIHNDNRRLNRFKNSFYCTVYSE\*S\*AGILTIVVPDPPPSSEGTRQARRNRRRRWRERQRLLRTI

>B.2010.KT427853.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRAPQNSQTDQVSLSKQ\*VIYVMQSLEILAIAALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLVKRILERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTSVERSNHYSILCIRC\*SISSRST\*YLGHTCLCTHRP\*PPRSKIGKCDRKF\*HVGK\*HGRTNA\*GYNQFMGSKPKTMCKVNPTLCYFKLL\*CYLFR\*\*\*WYQY\*CPCYQ\*\*\*LGKRNR\*LEKLLFQCLKKHRKKMGTEGICTF\*\*T\*CSVNR\*\*NTIYVDKL\*HLSHYTGLSKDIL\*TNSHILLCPGWFCASKV\*\*\*QVQWNRTMYRCQHSTMYTWNQASSINSTAVKWQLGRRRRCNT\*IKKFHKKYRHHNSTAE\*ICRN\*LYKTQ\*QYKEKYTSRTREGNLCNRTNNRRYKTSTLYT\*WGKME\*NFKTDSYQIKRTI\*E\*NNSL\*SVLRRGPRSCNAHF\*LWRRIFLL\*YNTAV\*\*YLDGE\*YHIKYYRIK\*HYHTPMQNKTNYKQVAGSRKSNICPSHQRTD\*LFIKYYRAAINKRWW\*\*HHHRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*ASRNSAHQGKEKSGAERKKSSNARSYVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQFAEGY\*GATASVATHSMGHQTAPG\*SPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*IFG\*DLE\*HDLDGVGQRN\*QLHKLNIHLN\*RIAEPAGKE\*TRIIGIG\*LGKFVELV\*HIKLAVVYKNIHNDSRRFNRFKNSFYHTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRQIRAI

>B.2010.KT427860.-

MEPVDPRLEPWKHPGSQPXTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPKSSQTHQDPLPKQ\*VVHVMQPLTIAAIVALVVAXIIAIVVXTIVLIEYRKILRQRKIDRLLXRIXDRAEDSGNXSEGDQXXLSTLMXXGHXAPWXVNXL\*CWGXNMGHSILWGTCVERSNRHSILCIRC\*RI\*HRGT\*CLGYTCLCSHRP\*PTRSRIDKCDRKI\*HVEK\*HG\*TDA\*GYNQFMGRKSKAMCKINPNVXYSKLH\*C\*MQ\*YKQQ\*YX\*H\*X\*XYL\*NXXRNXKLLFQCHHKHKRQDKKRICTFL\*A\*CSTNEE\*\*\*\*\*L\*\*LYINKL\*HFSHYTGLSKDIL\*TNSHTLLYPGWFCDSKV\*X\*EXQWNRTM\*KCQHSTMYTWN\*TSSVNSTTVKWQXSRRRGSN\*I\*KFF\*QC\*NHNSTAK\*HCKHYLHKTRQQYKERYTSRTRGSILCNRPNSXXYKTSTL\*S\*\*NRXXPNFXXGSXXIKXTIXE\*NNSL\*ASLRXXSRNCNAQF\*LWRGIFLL\*YNAAV\*\*YLDAD\*\*\*YVEYYRDYREWDYHTPMQNKTNHKQVAGSRKSNVCSSHPRRN\*MYIKHYRTAINQRWWK\*\*WDQQH\*DLQTWRGRYEGQLEK\*II\*I\*NSKN\*AIRSSTHQGKEKSGAERKKSNRNDRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*SAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*IFE\*YLE\*HDLDRVGERN\*QLHKLNIYLN\*RIAEPTGKE\*TRLIGIGQVGKPVELV\*YNKLAVVYKNIHNGSRRINRVKNSFYCTFYSE\*S\*AGILTIIVPDPPPSTEGTRQARRNRRRRWRERQRQIRKI

>B.2010.KT427861.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRASQDHKDHQVSLSKQ\*VVHVMITLQIVAIVALVVVAIIAIVVWTIVGIEYRRILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*RCRTIVGHSILWSTCVGRSKYHSILCI\*C\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIECDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCYFKLQ\*YQ\*G\*Q\*YQ\*\*YWEYQ\*\*\*WENAGGRNEKLFFQCHHKHKK\*DAEGICTFL\*T\*YNANR\*YKLYIDKLQRLSNYTGLSKGIL\*ANSHTFLYPGWFCDSKV\*GREVQWIRTM\*KCQHSTMYTWN\*ASNIHSTTVKWQLSRRRCSD\*I\*KLYKQC\*KHNSTAK\*NCKN\*LYKAQQQYKKKYTHRTRERIFCNRRNNRRYKTSTL\*P\*\*RRLEENFKKDSYKIKRTI\*\*\*NRNDI\*SICRRGSRNCNTQF\*LWRGILLL\*YNTAV\*\*YMVA\*WYYLAA\*WYSE\*\*VRKYHTPM\*NKTNHKHVAGSRKSNVCPSHQRTHKMFIKYYRADINKRWW\*\*Q\*NEEQLRNLQTWRGRYEGQLEE\*II\*I\*SSKN\*AIRNSTYQGKEKSGAERKKSSGSNRSYVPWVLGSSRKHYGRSGNDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGKSPGCGKIPRGSTAPGDLGLLWKTHLPHYCALE\*\*LE\*\*\*KSKSKYNLG\*HDLDTVGERNWQLYR\*NI\*IT\*RIAEPTGKE\*TRLIGVG\*VGKLVELV\*HNKLAVVYKDIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIVPDPPPSSEGTRQARRNRRRRWRQRQRQIREI

>B.2010.KT427865.-

MEPVDPRLEPWKHPGSQPKTPCSKCYCKKCCFHCQVCFVTKGLGISNGRKKRRQRRGPPQDSPPHQASLSKQ\*VIHVMQPIEIGAIIALVVAAIIAIVVWTIVLIEYRKILRQKKIDRIIDRIRERAEDSGNESEGDQEELSALVVEMGHHAPWDVDDL\*C\*KRKVMGHSLLWSTCVESSNHHSILCIRC\*RI\*HRGT\*YLGHTCLCTHRP\*STRSSIGKCDRKF\*HVEK\*HGKPDARGYNQXMGSGLKAMCKINPTLCYFKLQ\*L\*W\*\*HQ\*Q\*YSYQ\*\*LGKHGGRTKELLFQCHYRSRKQGEERMVNF\*\*P\*XNKG\*KW\*LYVEKL\*HLSHYTGLSKSNL\*TNSHTLLCSGWFCDYQM\*\*\*HVQWNRTMYKCQHSTMYTWD\*TSGVNSTAVKWQPSRKGGSN\*ISKSLRQY\*NHNSTAE\*NCSN\*LYKTQQ\*YKKKYTHGMGESILCSRRYNRRYKTGTL\*YX\*SRLEQHFTQGSCKIKRTL\*\*\*NNNLSTLLRRRPRNCNA\*F\*LCRRIFLL\*YNTAV\*X\*WE\*SYRVRQWVXQ\*KYHTPMQNKANYK\*VAGSRKSNVCPSHQWTN\*LFIKYYRAAIGKRWW\*WEQXXRNLQTWRRRYEGQLEK\*II\*I\*SSTNRTIRNSTHQGKEKSGAERKKSSGNDRSYVPWVLGNSRKHYGRSVXSADGTGQTIIVWYSATAK\*FAEGY\*GATSSVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*ISR\*YLAKHDLDAVGERN\*QLHKLYIQLT\*RIAEPAGQK\*TRIIGIG\*VGQFVELV\*HNKMAVVYKVIHNDSRRLNRFKNSFCCTFYSKQS\*AGILTIVIPDPLPSPEGTRQARRNRRRRWRQRQRQIHSL

>B.2010.KT427866.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRGPYQNHQSHQASLSKQ\*VVHVMQALVIYSIVALVVVAIIAIIVWTIAFLEYRKLLRQRKIDRLIDKIRERAEDSGNESEGDQEELSALVEMGHAPWDVDDL\*CYGKIVGHSILWGTCVERSNPHSILCIKC\*SI\*HRGT\*CLGHTCLCTH\*P\*STRNSIEKCDRRF\*RVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCYFNLYYFGL\*QY\*E\*CWEQWYV\*\*\*H\*FGSDERNKEVLFQCHHKHKR\*DDERTGTFLYT\*YSANR\*YKYKLYIDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*NVQWKRIM\*QC\*HSTMYTWN\*ASSVNPTTVKWQSSRRRDNT\*I\*KYHR\*C\*NHNSTAKYICTN\*LYKT\*\*QYKERYTYGMGKNILCNRRNNRRYKASTLYP\*KGRVEKRFREGS\*KIKRAI\*\*DKNNLYSTLRRGPRNCNAQF\*LWRGIFLL\*YIKII\*\*YLEGHLAS\*\*LEWD\*Q\*E\*DYHTPMQNKTIYKQVARSRKSNVCPSHQRTNQLFIKYYRAAIDKRWW\*HE\*VQQ\*DL\*TSRRRYEGQLEK\*TI\*I\*SSKN\*ANRNSTHQGKEKSGAERKKSSGNGSYVLWVLGSSRKHYGRSVSDXDGTGQTIIVWYSAAAEQFAEGY\*GATTSVATHSLGH\*AAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*DSG\*HLEQNDLDEVGERN\*QLYKLNIHFT\*RLAEPAGEK\*TRIIGIG\*VGKSVELV\*HIKMAVVYKDIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIIPDPPPRPEGTRQARRNRRRRWREKQRQIQSL

>B.2010.KT427869.-

MDPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRXSQXSPNHQVPLSEQ\*VAHVMQPLXIASIVALVISAIIAIVVWTIVLIEYXRILRQRKIDRLIDRIRERTEDSGNESEGDQEELSALVEMGHHAPWNVDDL\*CYKTIVGHSLLWGTCVERSNHHSILCLRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSRVEECDRKF\*HVEK\*YGRTDA\*GCNQLMGSKLKAMCKVNPTLCYSKLQ\*GGNLQWD\*\*\*Q\*NDKLLFQHHHXHKXQGAKXICNF\*\*T\*CSANK\*\*\*YRIYVGKLQHLSHYTGLSKDIL\*TNPHTLLCPGWFCDSKV\*\*KDVQWXRTM\*KCQHSTMYTWD\*ASGVNSSAVKWQSGRRRDNN\*IRKSHKQC\*NHNXTAERNSRN\*LYKTQQQYKKRYKYRTRESMVCNRSYNRKYKTSIL\*C\*\*NKMEQHSRPDS\*KISKTIS\*\*NNSI\*SILRRGPRSYNAHF\*LWRGIFLL\*YIRXV\*\*YLAK\*WY\*EWY\*PKQWYYHHTPMQNKTNYKQVAGNGKSNICPSHQRNN\*MFIQHYRATINKRWWRERHRGRGLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRISTHRGKEKSGAERKKSXNRSFVPWVLGSSRKHYGRSGXDADGTGQTIIVWYSATAK\*FAESY\*STTAYVATHSLGHQAAPGKSPGCRKIPKGSTAPWDLGLLWKTHLHHLCALE\*\*LE\*\*ISR\*HLEIKHDLDGVGKRN\*QLYRHNIPIT\*RIADPTRKE\*TRLIGIG\*VGKPVELV\*YNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIVIPDPPPSTRGTRQARRNRRRRWRERQXYIQSL

>B.2010.KT427870.-

MEPVDPRLEPWQHPGSQPKTACNNCYCKKCCFHCQKCFMTKGLGIYYGRKKRRQRRRTPQRSETHQVAASNQ\*VVYVMQALEIAAIVGLVVAVILAIVVWTIVLLEYRKILRQRKIDRLIDRIREREEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CFRKVMGHSLLWGTCVERSIHHSILCIRC\*CS\*HRGA\*CLGHTCLCTHRP\*STRTSIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMG\*KPKAMCKINPTLCYSKLH\*FEYY\*\*\*\*YK\*\*\*CSGIGRNEKLLFQYHHKPKR\*EEERICAFL\*T\*YRTNR\*YKLYIDKL\*HLSHYTGLSKGIL\*TNSYTLLYPSWFCDSKV\*\*\*DVQWNRTMYKCQHSTMYTWN\*ANSVNPTAVKWQSSRRKDSN\*V\*KFNKQCKSHNSTAE\*ICRN\*LYETQQQYKKKYTYGMGEDIVCNRRNNRKHKTSTL\*P\*QGKLEQHFKTDSWRIKSNI\*\*NNNL\*SVLRRGPRN\*NAHF\*LWRGIFLL\*YIRTV\*\*YLE\*GW\*LVSG\*Y\*WVK\*NNHTPMQNKTSYKQVAGSRKSNVCPSHQRKDFLFIKHYRATLSKRWW\*PEPRE\*DLPTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGNARSYVPWVLGNSRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GATSSVATHSLGHKAAPGKSPGCGKIPTGSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*ISECNLGKHDLDGVGERN\*QLHNLNIHLN\*RIAEPAGKE\*KGIIGIG\*VGKFVELV\*HNTLAVVYKNIHNDSSRLSRFKNSFYCNFHSE\*S\*GGILTIIIPDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.2010.KT427872.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCLHCQVCFTTKGLGISYGRKKRRQRRRPPQDGQTDQVSLSKQ\*VVHVMHSLQIAAIAALVVGGIIAIVVWTIVLIEYRKILRQRKIDRLIERIRERAEDSGNESEGDQDEWATLVVEMGHDAPWDVNDL\*CCRTIVGHSLLWGACVERSKSHFILCIRC\*GI\*HRGTQCLGHTCLCTYRP\*PTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMG\*KLKAMCKINPTLCHFKLH\*CYLCQLY\*\*Q\*YWH\*CYLCQ\*YQ\*\*QYDRNTGNKKLLFQCHHRRKKDSATTICTV\*\*T\*CSTNR\*\*\*\*K\*YRLYVNKL\*HLSRYTNLSKNIL\*TNSYTLLCPGWFCDSKV\*\*\*GI\*WNRTM\*KCQYSTMYTWN\*AGSVNPTAVKW\*SIRRRDNN\*I\*KSHRQY\*DHNSTAE\*NCDH\*LYKTQQQYKKEYTYRTRESFLCNRRHNRKNKTSTL\*H\*WNRLDKNFRTSSRKITSTI\*\*NNQL\*SLLRRGPRNCNAQC\*LWRGIFLL\*YITAIYSYLEWHSLVIKYNWHWQYHTSMQNKTNYKQVAGSRKSNIRPSHPRIN\*MLIKYYRAATDTGWWYHKL\*QP\*GLQTWGRRYERQLEK\*TI\*I\*GSKN\*ASRNSTHQGKEKSGAKRKKSSGDIRSYVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSATAKQFAESY\*GATAYVATHSLGHQTAPGKSPSCGKLPKRSTAPRDLGLLWKTHLHHLCALEY\*LE\*\*N\*KTNLGQHDMDGMGKRN\*QLHKDNI\*LT\*RIAEPTRKK\*TRLIVIGSVGKFMELV\*HIKMAVVYKNIHNDSSRLSRFKNNFYCTFYSE\*S\*AGILTIVVPDPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2010.KT427873.-

MDPVDPRLEPWKHPGSQPKTPCNNCYCKRCCFHCQVCFTRKGLGISYGRKKRRQRRRAHQGSETHQDPLSKQ\*VVHVMQPLQIEALQIGAIVALVVAAIIAIIVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSAFMEMGHHAPWDVDDL\*CYRKVVGHSLLWGTCVERRKHHSILCLRC\*SI\*QRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRI\*HVEE\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYSKLHGCEEYKCYGKCIQYRHEKLLFQCHRKHKR\*DSSGICIIL\*A\*YSANR\*\*R\*\*\*YYREWY\*GI\*VDKL\*HLSHYTGLSKSII\*TNSHTLLYPGWFCDSKV\*\*QTVQWKRRL\*KC\*HSTVHTRN\*ASSVNSTAVKWQSSRRKCDN\*I\*QFHRQY\*NHNSTTE\*KYRN\*LYKTQQ\*YKKKYTYRTRESILCNRRYNRRYKTSTL\*H\*\*RPME\*HFKKDS\*TIKRKIPK\*NNSL\*SICRRGSRNCNAQFYLWRGIFLL\*FNTTV\*\*YLGY\*CNLECYRQPR\*T\*QNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RAN\*MYNKYYRATINKRWWHRQ\*DSK\*H\*GLQTWRRRYEG\*LEE\*VI\*I\*SSKN\*TIRSSTYQGQEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAE\*SAEGY\*GATTSVATHSLGHQTAPGESPGCGKIPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*ISGRNLE\*QDMDAVGKRN\*KLHRLNIQLT\*RIAEPARKE\*TRIVGIG\*VGKFVELV\*YNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSK\*S\*AGIFTIVIADPPPNPEGTRQARRNRRRRWRKRQRQVRAI

>B.2000.KU168257.-

MEPVDPRLEPWKHPGSQPRTECTNCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRASQDSENHQVSLPKQ\*VVHGPFNYISNSRISSSSNNSNSCVDLSIHRI\*EKIKTKKNR\*DN\*\*DNRKSRRQWQ\*E\*RRSGRIGSTCGDGA\*CSVGC\*\*SVMPQNKRGSQYIMGYRCGKKQLPLYFVRQMLKHMTQRYIMFGPHMPVYPQTPTHKKYYW\*M\*QKTLTCGKITW\*NRCMRI\*SVYGIKA\*SHV\*N\*PHSVLL\*IVVMHVLILLMVILLIVILIIPSVGLRKLKK\*KTALSMSPQADEIKCRKNMHFFITLM\*HQ\*VVVIQALLW\*VVTPQ\*LHRPVQR\*ALIQFPYIIVPRLVLRFYNVMTRSSMEKDHVKM\*AQYNVHMELDQ\*CQLNCC\*MAVYQKER\*YLDLKISQTMLKL\*\*YS\*MNL\*\*LIVQDLTIIQEKVYL\*DQGEHFIQQGI\*\*GI\*GKHIVTLVKHNGIIL\*KG\*LQN\*ENNLELIRQ\*SLISPQEETQKL\*CTVLIVEGSSSTVIHQGCLIVLGIRMILLGMVQKNQMALSHSHAE\*NKL\*TDGRK\*EKQCMPLLSVDQLIVHHILQGCY\*\*EMAAIPVVITRLSDLEEEI\*GTIGEVNYINIK\*\*ELSH\*E\*HPPRQREEWCREKKEQWER\*ELCSLGSWEQQEALWAQHH\*R\*RYRPDYYCLV\*CNSRTIC\*ELLRRNSICCNSQSGASSSSRQESWL\*KDT\*GINSS\*GFGVALGNSSAPLLCLGILVGVIKLKKRFGRT\*PGCNGKEKLTITQA\*YTP\*LKNRRTNKKRMNRNYWNWISGQVCGVGLT\*QTGCGI\*EYS\*\*\*\*EV\*\*V\*E\*FLLCFL\*\*IESGRDTHPYHSRPTSQHRGDPKGPKEQKKKVERETETDPCD\*

>B.2002.KU168258.-

MEPVDPRLEPWKHPGSQPRTPCTTCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRPPQGSQTHQVSLSKQ\*VVHVMQSLEILAIVALVVAAILAIVVWSIVFIEYKKIRRQKKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWVVNDL\*CWRTIVGHSLLWGACVERRKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRIGKCDRRF\*HVEK\*YGGTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CSKWYWY\*\*\*CQGGKDEGRRNQKLLFQYHHSHKR\*SAESICNFL\*A\*YSTNRKQ\*\*LL\*VDKLQHLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*REGVQWNRTM\*KCQHSTMYTWN\*ASGVNSTAIKWQSSRKGGSN\*VCKFLRQY\*NHNSTVERNCRD\*LYKTQQHYKKRYSYRTREKILYSRKNNRGHKTSTL\*H\*\*SKME\*HLRKDS\*QIKKKI\*\*NNNL\*STRRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*YLG\*WYLE\*Y\*STKRKYHTPMQNKTNYKHVAGSRKSNVCPSHCRKN\*LFIKYYRAAINKRWWY\*\*\*QQE\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSTSTRSFVPWVLRSSRKRYGRSGINADGTGQTITVWYSATAE\*SAEGY\*GATAPVATHSLGHQAAPGKSPGSGKIPI\*STAPRDLGLLWKTHLHHCCALE\*\*LE\*\*\*ISG\*NLEKHDLDTVGKRN\*ELHRSNIQLT\*GIAKPTRKE\*TRLIGIG\*MGKFVELV\*HNKLAVVYKNIHNDNRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPNLEGTRQARRNRRRRWRERQRQIRNL

>B.2002.KU168259.-

MEPVDPRLEPWKHPGSQPVTPCNNCCCKKCCFHCQVCFIKKGLGISYGRKKRSQRRRPSQDSETHQSSISKQ\*VIHVMYSLQVAAIVALVVAAIIAIVVWTIVLLEYRKILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALVEMGHHAPWVVDDL\*C\*RTNVGHSLLWCTCVERGNYHSILCIRC\*SI\*Y\*GT\*CLGHTCLCTHRPQPTRSSIDKCDRKF\*HVEK\*HGTTNA\*RYNQFMGSKSKAMCKTNPTLCYLKLY\*LFGEYY\*\*\*YYR\*CYYRRN\*KLLFQYHLKYKR\*DEERICTFL\*R\*FSTNRK\*\*C\*L\*DNTL\*YLSHYTSLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWIRNM\*KCQHSTMYTWN\*ASSVNSTAVKWQPSRRRGSN\*ICQFYR\*C\*NYNSTAE\*ICNN\*LYKTQQQYKTKNIYRTRKSICCRKSYNRKYQTSTL\*H\*\*NSME\*NFTTDS\*KINKTIFK\*NNNL\*FILRRGPRNCNAQF\*LWRGVFLL\*FNTTV\*\*HLEYD\*NLE\*Y\*H\*RK\*HHQ\*HHHTPM\*NKTNYKHVAGSRKSNVCPSHRRTN\*LFIKYYRAVINKRWR\*\*\*H\*\*V\*DLQTWRGRYEGQLEK\*II\*I\*SSNN\*TIRSSTHQGKEKSGAERKKSSGNVRSHVPWVLGSSRKHYGRSVNNADGTGQAIIDWYSATAEQSAEGY\*GATAHVATHGLGH\*TAPGKSPGCGKIPTGSTAPRDVGLLWKTHLPHCCALEY\*LE\*\*ISRSDLG\*HDLDAVGKRN\*QLHRYNIQLN\*RIAEPTRQK\*TKFIKIG\*VGKFVELV\*HIKMAVVYKNIHNDSRRLDRFKNNFCCAFCSE\*S\*AGILTIVISDPPPNPEGTRRARRNRRKRWRQRQRQIREI

>B.2003.KU168260.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPPDSETHQVSLSKQ\*VVNVMYSLTIFAIVALVVAAIIAIVVWTIVLIEYRKIRRQRKIDRIIDRIIERAEDSGNESEGDQEELSALVERGPALVEMGHDAPWNVDDL\*CCR\*IVGHSLLWGTCMERSQYHSILCIRC\*ST\*YRGT\*CLGHACLRTHRPQPTRSVIGKCD\*RV\*HVEK\*HGRPDA\*GYNQFMG\*KLKAMCKINPALCYFKLH\*FDKCYFEECY\*NEKLLFQNHHKLKR\*GSERICTFL\*T\*CSTNR\*G\*EYY\*L\*IDTL\*HLSHYTGLSKDII\*TNSHILLCPGWFCDSKV\*R\*EVQWNRNM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRSSN\*I\*KYLGQY\*NHNSTAEKPCKHYLYQTQQQYKKTYSDRARKSSLYNRTNNRRYKTSTL\*P\*\*IKME\*NFTTDS\*KIKSTL\*E\*NNSL\*\*ILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGR\*\*DSDRS\*YS\*C\*E\*HYHAPM\*NKTNYKHVAGSRKSNVCPSHPWTN\*MYIKYHRSAINKRRWYTQQNPHD\*GLQTWRRKYEGQLEK\*IIQI\*SSTN\*TIRAGTHQGKEKSGAERKKSSGSNRSFVPWVLGSSRKHYGRSVTGADGTDQTITVWYSATSEQSAEGYSSATASVAAYSLGHQAAPGKSPSCGKIPKGSTAPRDLGMLWETHLHHCCALEC\*LE\*\*KSDSDLG\*HDLDAVGKRN\*QLHRLNILLT\*RIAKPTRKE\*TRIIRIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLDRLKNSFCCIFYSE\*S\*AGILTIVISDPPPSSEGTRQARRNRRRRWRQRQRQIHSI

>B.2003.KU168261.-

MDPVDPRLEPWRHPGSQPLTPCTNCYCKKCCFHCQVCFTTKALGISYGRKKRRQRRRPPQDSETHQISLSKQ\*VTLVMPLYILTVVALVVVAIIAIVVWSLVFIEYRKILRQRKIDRLISRITERAEDSGNESEGDHEELAALVEMGHDAPWNVNDL\*CCKTKVGHSLLWGTCVERSNHHSILCIRC\*SV\*CRGT\*CLGHTCLCTHRPQPTRIKFGKCDRKL\*HVEK\*HGRTDA\*RYNQFMGSKHKAMCKNDPTLCFSKLL\*\*DQY\*Y\*RDQ\*YQP\*CDGGRRHEKLLFQCHHRNKR\*DEERICTFL\*T\*YSINK\*\*\*\*Y\*L\*ADKL\*YLNHYTSLSKDIL\*ANSHTLLCPSWFCNSKV\*SEEFQWNRAM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRDSN\*I\*EFLKQC\*KHNSTAERSCTN\*LYKTQQQYKKKYTYRTREHTLCRRRHNRRYKTSTL\*H\*\*RKMESNFTRGS\*KIIRTIWEE\*NRNKSSF\*SILRRGPRNCNAYL\*LWRGIFLL\*FITTV\*QYLEEK\*HGRKCHHCRKCHHWKK\*HTYTPMQNKTNYKHVAGSRKSHVCPSH\*RNH\*LLIKYYGADTNKRWW\*RE\*DH\*RE\*YH\*DLQTWRGRYEG\*LEK\*II\*IQSSKD\*TIRSSTHRGQEKSGAERKKSDRTRSYVPRVLRSSRKHYGRSVIDVDGTGQTIIVWYSATAKQLAEGY\*GATASVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ISRKNLG\*HDLDGVGKRN\*QLHRINIHFTFRIAKPTR\*E\*KRLIRIRQMGKLVELV\*HNKLAVVYKNIHNDSRRLDRVKNSFYCTFYSE\*S\*AGILTIIVSDPPPSTEGTRQARRNRRRRWRERQRQIRQI

>B.2010.KU612900.-

MEPVDPNLEPWKHPGSQPKTPCNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAAQSSQTHQGSLSKQ\*VVYVMQALQIAAIVGLVVAGIIAIVVWTIVVIEYRKILRQRKINKLIDRIIERAEDSGNESEGDQEELSILVEMGHDAPWDVNDL\*\*CCRQLVGHSLLWGTCVERSKYHPILCIRC\*RI\*YRGT\*CLGYACLCTHRPQPTRSTIGKCDRRVQHVEK\*HGKSDAXRYNQFMGSKPKAMCKINPTLCYFKLH\*C\*CWTYY\*CH\*\*XSGDGGGERRNKKLLFQDHHKGNK\*GAGGICIL\*\*T\*CSTNR\*\*K\*HI\*VDKL\*YLSHYTSLSKGIL\*ANSNTLLCPSWFCDSKV\*G\*EVQWNRSM\*KC\*HSAMYTWN\*TSSVNPTTAKWQFSRRRGSS\*ICQFHR\*C\*NHNSTVERICSN\*LYKTQQQYKKKCTSRTRESNLCNRRNNRRYKTSTXXH\*\*SKMX\*HFKPDS\*KIKRTV\*E\*NNSL\*SFLRRGSRDCNAHF\*LRRGIFLL\*FNTTV\*XXLXCXXKFK\*XWRR\*\*HYNHTSM\*NKTNYKYVARSRKSNVCPSHRRXN\*MLIKYYRVAANKRWX\*YWQ\*\*HHRDLQTWRGKXERQLEK\*II\*X\*SSKN\*TTRSSTHQGKEKSGAERKKSSNTGSYVPWVLGSSRKHYGRSINDADGTGQAIIVWYSATAEQFAEXY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*NSGEHLGKYDLDGVGKRN\*QLHK\*NIQLN\*AIAKPTRKE\*TRFIGIR\*VGKFVELVRYIKMAVVYKNIHNDSRRLNRFKNSFCCNFYSE\*S\*AGILTIVIADPPPNSEGTRQARRNRRRRWRERQRQIRSI

>B.2010.KU612901.-

MDPVDPKLEPWKHPGSQPKTPCNNCYCKRCCLHCQVCFMKKGLGISYGRKKRRQRRRAAQGSQTHQDPLSKQ\*VIYVMQALQIVAIVGLVVVGIIAIVVWTIVLIEYRKILRQRKIDKLIDRIRERAEDSGNESDGDQEELSALVVDMGHDAPWDANDL\*\*CCRQFVGHSLLWGTCVERSKYHSILCIRC\*SI\*YRGT\*CLGYTCLCTHRPQPTRSTIGKCNRRV\*HVEK\*HGKSDAGRYNQFMGSKPKAMCKINTTLCYFKLH\*CGKYY\*WKYY\*CQ\*YDSGDDGERGNKKLLFQYHHKGKK\*GAERVCTLL\*A\*CSTNR\*\*HWQI\*VDTL\*YLNHYTSLSKSNL\*ANSYTLLCPSWFCNSKV\*R\*EVQWNRSM\*KCQHSTMYTWN\*TSSVDPTAAKWQSSRRRGSS\*ICQFHR\*C\*NHNSTVE\*ICSN\*LYKTQ\*QXKKEFISRTRESNLCNRRHNRRYKTSIL\*C\*QNSME\*NFKPDCYKIKRTI\*E\*NNSL\*SFLRRGSRDCNAHF\*LQRGIFLL\*YNKTV\*\*YLGG\*\*YLAC\*\*\*HWRR\*KHHTPM\*NKANCKHVAGSRKSNVCPSHRRTN\*MRLKYYRVATNKRWWQY\*Q\*\*H\*DLQTWRRKYEGQLEK\*II\*IQSSAN\*TTRSSTHQGKEKSGAERKKSSNTRSYVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAKQFAEGY\*GATAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCCALE\*\*LE\*\*NSG\*HLE\*HDLDGVGKRN\*QLHK\*XIQLN\*NSAKPTRKE\*TRFIGIR\*MGKFVELVRHIKMAVVYKNIHHXNRRLGRFKDSFCCTFYSK\*S\*AGLLTIIIADPPPNSEGTRQARRNRRRRWRKRQRHIQXV

>B.2011.KU641402.-

MEPIDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFMTKALGISYGRKKRRQRRRASQDSQTHQVSLSKQ\*VVHVMNSLQISAIVAIVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSTALMEMGHHAPWDVDDL\*CCRQFVGHSLLWGTCVERSNHHSILCIRC\*SIWYRGT\*CLGHTCLCTHRPQPTRSEIGKCDRKF\*YVEKSNGRTDA\*GYN\*FMGSKPKAMCKVDPTLCHFKLH\*FGTGEYQ\*\*YHRKYRERRNEKLLFQYLLKQRK\*GA\*RICIFL\*T\*CSTNR\*\*\*D\*W\*LF\*L\*VDKL\*YLSHYTGLSKSII\*ANSHTFLCPGWVCDSKV\*\*\*TIQWNRTMYKCQHSTVYTWN\*ASSINSTAVKW\*SSRRRGSN\*ICQFHGQC\*NHNSTAEPICRNYLYKTR\*QYNKRGSHGTREGILCRSNNRRYKKSTLYH\*\*SKMEQYFKTGSCKIK\*AI\*E\*NNKLYSTLRRGPRNCNTQF\*LWRGIFLL\*YNKTV\*\*YLECNTHD\*WYLE\*Y\*GKYHPPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIQYYRVAINKRWW\*D\*REQHHRDL\*TWRRRYERQLEK\*II\*I\*SSKN\*TIRGSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRNVDGVDGTGQTIIVWYSATAEQFAESY\*GATTFVATHSLGRQAAPGKSPGSGKIPKGSTAPGVLGLLWKTHLHH\*CALEC\*LE\*\*ISGTNLGEHDLDGVGKRN\*\*LHKLNIHFNYRIADPTRTE\*KRIVGIG\*MGKFVELVWHNKLAVVHKNIYNDSRRLSRFKNSFCCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2010.KU677989.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFISKGLGISHGRKKRRQRRRAPQDSSTDQASLPKQ\*VVHVMQPLIVLSIVGLVIAAILAIVVWSIVAIEYRKILRQRRIDRLLDRIRERAEDSGNESDGDQEELLMEMGHLAPWDVDDL\*SCRKFVGHSLLWGTCVERSNYHSLLCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSTIEKCDRKF\*RVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPTLCNFKLH\*FEECY\*YQ\*Y\*CH\*HYWQR\*\*YCW\*KCQ\*\*\*RGNTGGRRNKKLLFQYHHKHKR\*GEERICTFLYT\*YSANRGG\*YC\*\*\*YQL\*VDKL\*YLSHYTGLSKGIL\*ANSNTLLCPCWFCDSKV\*\*\*EFHWLRAMQKCQLSTMYTWN\*TSSINSTTVKWQSSRR\*KGSN\*I\*EFHKQCQNHNSTAERSSSN\*LYKAQQ\*YKKRYTYRTRESILCNRSNNRRHKTSTL\*PQCNRLEYYFKRGS\*KIKRTIWEK\*SNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YIKTV\*\*YFV\*\*\*YLE\*\*YYRIKWHYHTPMQNKTNCKHVAGSRKSYVCPSHQRTN\*LFIKHYRTTINKRWW\*\*GEQD\*\*GFQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTLQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATSFVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*IL\*\*HLVQHDLAGVGKRN\*QLHRHNIQLN\*TIAKPTGKE\*TGIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFYCAFYSE\*S\*AGILTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSL

>B.2010.KU677990.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSSTDQASLPKQ\*VVHVMQPLIVLSIVGLVIAAILAIVVWSIVAIEYRKILRQRRIDRLLDRIRERAEDSGNESDGDQEELLMEMGHLAPWDVDDL\*SCRKLVGHSLLWGTCVERSNYHSLLCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSTIEKCDRKF\*RVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPTLCNFKLH\*FEECY\*YQ\*Y\*CH\*HYWQR\*\*YCW\*\*CQ\*\*\*RGNTGGRRNKKLLFQYHHKHKR\*GEERICTFLYT\*YSANRGG\*YC\*\*\*YQL\*VDKL\*YLSHYTGLSKGIL\*ANSNTLLCPCWFCDSKV\*\*\*EFHWLRAMQKCQLSTMYTWN\*TSSINSTTVKWQSSRR\*KGSN\*I\*EFHKQCQNHNSTAERSSSN\*LYKAQQ\*YKKRYTYRTRESILCNRSNNRRHKTSTL\*PQCNRLEYYFKRGS\*KIKRTIWEK\*NNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YIKTV\*\*YFV\*\*\*YLE\*\*YYRIKWHYHTPMQNKTNCKHVAGSRKSNVCPSHQWTN\*LFIKHYRTIINKRWW\*\*GEQD\*\*DFQTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRSSTLQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATSSVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*IL\*\*HLVQHDLAGVGKRN\*QLHRHNIQLN\*KIAKPTGKE\*TRIIGIR\*MGKFVDLV\*HIKLAVVYKNIHNDSRRLDRFKNNFYCAFYSE\*S\*AGILTIIVSDPLPSPGGTRQARRNRRRRWRQRQRQIQSL

>B.2010.KU677991.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFISKGLGISHGRKKRRQRRRAPQDSPTDQASLPKQ\*VVHVMQPLAILAIVGLVVAAILAIIVWSIVAIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLMEMGHLAPWDIDDL\*CFRKIVGHSLLWSTCVERSNHHSILCIRC\*II\*HRGT\*CLGHTCLCTHRPQPTRSRVEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINSTLCYSTLR\*FECHWYWQHYC\*AR\*\*YRGWYSYH\*\*\*RGRRNEKLLFQYHHKHKR\*GEEGICTFLYI\*SGTNKGYW\*\*YQQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPCWFCDSKM\*\*\*KFHWIRTM\*QCQHSTMYTWN\*TSSINSTTVKWQFGRRG\*CNN\*I\*EFHKQC\*NHNSTAEQICRYYL\*KAQ\*QYKQKYTLRTRESILYNRKNNRTNKTSTL\*C\*\*KKLD\*YFRTGS\*KIRRKV\*KEDNIL\*SILRRGSRNCNAHF\*LWRGIFLL\*YIKTV\*LYLE\*\*QYWE\*\*SRVK\*H\*PYHTPMQNKTNCKHVAGSRKSNVCPSHQRTD\*M\*IKYYRATINKRWW\*REQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDADGTGQTIVVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSSGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*IL\*\*HLVQHDLDGVGKRD\*KLHRLNIQLN\*KIAKPTGKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCSTFYSE\*S\*AGILTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSI

>B.2010.KU677992.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFISKGLGISHGRKKRRQRRRAPQDSPTDQASLPKQ\*VVHVMQPLAILAIVGLVVAAILAIIVWSIVAIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLMEMGHLAPWDIDDL\*CFRKIVGHSLLWSTCVERSNHHSILCIRC\*II\*HRGT\*CLGHTCLCTHRPQPTRSRVEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINSTLCYSTLR\*FECHWYWQHYC\*AR\*\*YRGWYSYH\*\*\*RGRRNEKLLFQYHHKHKR\*GEEGICTFLYI\*SGTNKGYW\*\*YQQL\*VDKL\*HLSHYTGLSKGIL\*ADSHTLLCPCWFCDSKM\*\*\*KFHWIRTM\*QCQHSTMYTWN\*TSSINSTTVKWQFGRRG\*CNN\*I\*EFHKQC\*NHNSTAEQICRYYL\*KAQ\*QYKQKYTLRTRESILYNRKNNRTNKTSTL\*C\*\*KKLD\*YFRTGS\*KIRRKV\*KEDNIL\*SILRRGSRNCNAHF\*LWRGIFLL\*YIKTV\*LYLE\*\*QYWE\*\*SRVK\*H\*PYHTPMQNKTNCKHVAGSRKSNVCPSHQRTD\*M\*IKYYRATINKRWW\*REQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDADGTGQTIVVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSSGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*IL\*\*HLVQHDLDGVGKRD\*KLHRLNIQLN\*KIAKPTGKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCSTFYSE\*S\*AGILTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSI

>B.2010.KU677993.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSSTDQASLPKQ\*VVYVMQPLIVLSIVGLVVAAILAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELLMEMGHLAPWDVDDL\*SCRKLVGHSLLWGTCVERSNYHSLLCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSTIEKCDRKF\*RVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPTLCNFKLH\*FEECY\*YQ\*Y\*CH\*HYWQR\*\*YCW\*\*CQ\*\*\*RGNTGGRRNKKLLFQYHHKHKR\*GEERICTFLYT\*YSANRGG\*YC\*\*\*YQL\*VDKL\*YLSHYTGLSKGIL\*ANSNTLLCPCWFCDSKV\*\*\*EFHWLRAMQKCQLSTMYTWN\*TSSINSTTVKWQSSRR\*KGSN\*I\*EFHKQCQNHNSTAERSSSN\*LYKAQQ\*YKKRYTYRTRESILCNRSNNRRHKTSTL\*PQCNRLEYYFKRGS\*KIKRTIWEK\*SNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YIKTV\*\*YFV\*\*\*YLE\*\*YYRIKWHYHTPMQNKTNCKHVAGSRKSYVCPSHQRTN\*LFIKHYRTTINKRWW\*\*GEQD\*\*DFQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTLQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATSSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IL\*\*HLVQHDLDGVGKRN\*QLHRHNIQLN\*NIAKPTGKE\*TRIIGIR\*MGRFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFYCAFYSE\*S\*AGILTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSL

>B.2010.KU677994.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSSTDQASLPKQ\*VIYVMQPLIVLSIVGLVVAAILAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELLMEMGHLAPWDVDDL\*SCRKLVGHSLLWGTCVERSNYHSLLCIRC\*SI\*NRET\*CLGHTCLCAHRPQPTRSKIGKCDRKF\*CVEK\*YGRTDA\*GYNQFMGSKPKTMCKINPTLCYFTLH\*ID\*D\*YQQH\*YH\*\*\*\*QYCCYQC\*YHYC\*YSSH\*\*YH\*C\*SH\*NEKLLFQYHHKHKR\*SEERICTFLYA\*YSANKGG\*YC\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPCWFCDSKV\*\*\*EFHWIRAMQKCQLSTMYTWN\*TSSINSTTVKWQSSRKKRKGSN\*I\*EFHKQC\*NHNSTAEQSSSN\*LYKAQQ\*YKKRYTYRTRESILCNRSNNRRHKTSTL\*P\*CNRLEYYFKRGS\*KIKRTI\*\*NNNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YIKTV\*\*YLAY\*\*YLE\*\*\*YRVK\*HYHTPMQNKTNCKHVAGSRKSNVCPSH\*RTN\*LFIKHYRTIINKRWW\*\*GEQD\*\*DFQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTLQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATSSVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*IL\*\*HLVQHDLAGVGKRN\*QLHRHNIQLN\*TIAKPTGKE\*TRIIGIR\*MGKFVDLV\*HIKLAVVYKNIHNDSRRLDRFKNNFYCAFYSE\*S\*AGILTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSL

>B.2010.KU677995.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFISKGLGISHGRKKRRQRRRAPQDSPTDQASLPKQ\*VVHVMQSLKVLAIVGLVVAAILAIIVWSIVAIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLMEMGHLAPWDIDDL\*CFRKIVGHRLLWGTCVERSNHHTILCIRC\*II\*HRGT\*CLGHTCLCTHRPQPTRSRVEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINSTLCYSTLR\*FECHWYWQHYC\*AR\*\*YRGWYSYH\*\*\*RGRRNEKLLFQYHHKHKR\*GEEGICTFLYI\*SGTNKGYW\*\*YQQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPCWFCDSKM\*\*\*KFHWIRTM\*QCQHSTMYTWN\*TSSINSTTVKWQFGRRG\*CNN\*I\*EFHKQC\*NHNSTAEQICRYYL\*KAQ\*QYKQKYTLRTRESILYNRKNNRTNKTSTL\*C\*\*KKLD\*YFRTGSYKIRRKV\*K\*NNIL\*SILRRGPRNCNAHF\*LWRGIFLL\*YIKTV\*LYLE\*K\*DSE\*\*NRVRSYHTPMQNKTNCKYVAGSRKSNVCPSHQRTN\*M\*IKYYRATINMGWW\*REQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGTERKKSSGTRSFVPWVLGSSRKHYGRSVNDADGTGQTIVVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LEQ\*IL\*\*YLEKHDLDGVGKRD\*KLHRLNIQLN\*KIAKPTGKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCSTFYSE\*S\*AGILTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSI

>B.2010.KU677996.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSSTDQASLPKQ\*VVHVMQPLAILSIVGLVVAAILAIIVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELLMEMGHLAPWDVDDL\*SCRKLVGHSLLWGTCVERSNYHSFLCIRC\*II\*YRST\*CLGHTCLCTHRSQPTRSKIGKCDRKF\*CVEK\*YGRTDA\*GYNQFMGPKPKAMCKINPTLCYFTLH\*ID\*D\*YQQH\*YH\*Y\*YYCCYHQC\*HH\*Y\*YH\*C\*SH\*NEELLFQYHYKHKR\*GEERICTFLHA\*YSANKGG\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCSCWFCDSKV\*\*\*EFHWVRTMYKCQFSTMYTWN\*TSSINSTTVKWQSSRR\*KGSN\*I\*EFHKQC\*NHNSTAGKSSSN\*LYKALH\*YKERYTCRTCRTRESILCNRRNNRKPKTSTL\*P\*CNRLEYYFKRGS\*QIKRTI\*\*NNNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YIKTV\*\*YLV\*\*\*YLE\*\*\*YRVK\*HYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRTAINKRWG\*PERA\*\*DFQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSGTLQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATSSVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*IL\*\*HLVQHDLAGVGKRN\*QLYRHNIQLN\*TIAKPTGKE\*TRIIGIR\*MGKFVDLV\*HIKLAMVYKNIHNDSRRLDRFKNNFYCAFYSE\*S\*AGILTIIVSDPLPSPGGTRQARRNRRRRWRQRQRQIQSL

>B.2010.KU677997.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSSTDQASLPKQ\*VVHVMQPLIVLSIVGLVVAAILAIIVWSIVAIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLMEMGHLAPWDVDDL\*SCRKLVGHSLLWGTCVERSNYHSLLCIRC\*II\*YRST\*CLGHTCLCTHRSQPTRSKIGKCDRKF\*CVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*IDYQQH\*CYYHQCWYH\*C\*SH\*NEKLLFQYHHKHKR\*GEERICTFLHA\*YSANKGG\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCSCWFCDSKV\*\*\*EFHWVRTMYKCQHSTMHTWN\*TSSINSTTVKWQSSRR\*KGSN\*I\*EFHKQC\*NHNSTAGKSSSN\*LYKALH\*YKERYTCRTCRTRESSSCNKRNNRKPKTSTVYP\*CNRLE\*YFKSGS\*KIKRTI\*\*NNNSL\*SILRRGPRNCNAHF\*LRRGIFLL\*YIKTV\*\*YFV\*\*\*YLE\*\*YYRVKWHYHTPMQNKTNCKHVAGSRKSNVCPSH\*RTN\*LFIKHYRAAINKRWG\*PERA\*\*DFQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSGTLQG\*EKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATSSVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*IL\*\*HLVQHDLAGVGKRN\*QLHRHNIQLN\*TIAKPTGKE\*TRIIGIR\*MGKFVELV\*HNKLAMVYKNIHNDSRRLDRFKNNFYCAFYSE\*S\*AGILTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSL

>B.2010.KU677998.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSSTDQASLPKQ\*VVHVMQPLAILSIVGLVVAAILAIIVWSIVAIEYRKILRQRRIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CCRKFVGHSLLWGTCVERSNYHSFLCIRC\*II\*YRST\*CLGHTCLCTHRPQPTRSTIEKCDRKF\*RVEK\*YGRTDA\*GYNQSMGSKPKAMCKINPTLCYFTLHRID\*Y\*YQQH\*YCCYHQCYHH\*Y\*YSFH\*\*YH\*C\*SH\*NEKLLFQCHHKHKR\*GEERICTFLHA\*YSANKGG\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCSCWFCDSKV\*\*\*EFHWIRAMCKCQFSTMHTWN\*TSSINSTTVKWQSSRKRRRGSN\*I\*EFHKQC\*NHNSTAEQNSSN\*LYKAPH\*YKERYTCRTCRTRESILCNRRNNRKPKTSTL\*P\*CNRLEYYFKRGR\*KTKRKVWGK\*NNSLYSILRRGPRNCNAHF\*LWRGIFLL\*YIKTV\*\*YFV\*\*\*YLE\*\*YYRVKWHYHTPMQNKTNCKHVAGSRKSNVCPSH\*RTN\*LFIKHYRAAINKRWGG\*PERD\*\*DFQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTLQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVSDADGTGQTITVWYSATAEQFAEGY\*GATSSVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*IL\*\*HLVQHDLAGVGKRN\*QLHRHNIQLN\*TIAKPTGKE\*TRIIGIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFYCAFYSE\*S\*AGILTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSL

>B.2010.KU677999.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSSTDQASLPKQ\*VVYVMQPLIVLSIVGLVVAAILAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGGSGGITYGDGASCSLGC\*\*SVKLQKTCGSQSIMGYLCGKKQLPLSFVHQMLKHMIQRYIMFGPHMPVYPQTPTHKKYN\*KM\*QKILTCGKMIW\*NRCMRI\*SVYGIKA\*SHV\*N\*PHSV\*L\*IALI\*RMLLIPIVLMPLALLAKVVILLVIMPIIVAGKYWGEEK\*KTALSISPQA\*EIR\*RKNMHFFIHLI\*CQ\*RRIILLMIVPVIG\*QVVIPQSLHRPVQRYPLSQFQYIIVPLLVLRF\*SVMIRISLAQGHAEMSAQYNVHMELDQ\*YQLNYC\*MAV\*QKMKR\*\*LDLRISQTMPKP\*\*YS\*EKQ\*\*LIVQGPTIIQEKVYI\*DQGEHFMQQEQ\*\*ET\*DKHIVTSVQQIGILL\*KR\*LKN\*EDNLGKIKQ\*SLINPQEGTQKL\*CTLLIVEGNFSTVIHQDCLIVLCIVMILGVVILQN\*MALSHSHAE\*NKL\*TCGRK\*EKLCMPLPSADKLTVHQTLQDYY\*QEMVVMRRTRLMRFSDLEEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HPPGQREEWCREKKEQWD\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRTIC\*GLLRRNIICCNSQSGASSSSRQESWLWKDT\*RINSS\*GFGVALENSSAPLLCLGILVGVINLMMTFGTT\*PGWSGKEKLTITQA\*YTT\*LKYRKTNRKRMNKNYWH\*INGQVCGIGLT\*QTGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLCFL\*\*IELGRDTHHYRFRPASQPRGDPTGPKESNKEVERETETDPVT\*

>B.2010.KU678000.-

MEPVDPSLEPWKHPGSQPKTVCTKCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSSTDQASLPKQ\*VVHVMQPLVVLAIVGLVVAAILAIIVWSIVAIEYRKILKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CCRKFVGHSLLWGTCVERSNYHSLLCIRC\*II\*YRST\*CLGHTCLCTHRPQPTRSTIEKCDRKF\*CVEK\*YGRTNA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*ID\*D\*YQQH\*YHF\*YYPQ\*YSFH\*\*YH\*C\*SH\*NEKLFFQYHHKHKR\*GEERICTFLHA\*YSANKGG\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCSCWFCDSKV\*\*\*EFHWIRTMYKCQLSTMYTWN\*TSSINSTTVKWQSSRR\*KGSN\*I\*EFHKQC\*NHNSTAGKSSSN\*LYKALH\*YKERYTCRTCRTRESSSCNKRNNRKPKTSTLYP\*CNRLECYFKSGS\*KIKRTI\*\*NNNSL\*SILRRGPRNCNAHF\*LRRGIFLL\*YIKTV\*\*YFV\*\*\*YLE\*\*YYRIKWHYHTPMQNKTNCKHVAGSRKSNVCPSYQRTN\*LFIKHYRTTINKRWW\*\*GEQD\*\*DFQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTLQGKEKSGAERKKSSGTRSFVHWVLGSSRKHHGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATSSVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCCTLEY\*LE\*\*IL\*\*HLVQHDLAGVGKRN\*QLHRHNIQLN\*TIAKPTGKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFYCAIYSE\*S\*AGILTIIVSDPLPSPGGTRQARRNRRRRWRQRQRQIQSL

>B.2010.KU678014.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFISKGLGISHGRKKRRQRRRAPQDSPTDQASLPKQ\*VVYVMQPLAILSIVGLVVAAILAIIVWSIVAIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLMEMGHLAPWDIDDL\*CFRKIVGHSLLWSTCVERSNHHSILCIRC\*II\*HRGT\*CLGHTCLCTHRPQPTRSRVKKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINSTLCYSTLR\*FECHWYWQHYC\*AR\*\*\*RGWYSYH\*\*\*RGRRNEKLLFQYHHKHKR\*GEEGICTFLYI\*SSTNKGYW\*\*YQQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPCWFCDSKM\*\*\*EFHWIRTM\*KSQHSTMYTWN\*ASSINSTTVKWQFGRRR\*CNN\*I\*EFHRQC\*NHNSTAEPICKYYL\*KAQ\*QYKQKYTLRTRESILYNRKNNRTNKTSTL\*C\*\*PKLD\*DFRTGS\*KIRRKV\*R\*NNIL\*SILRRGPRNCNAHF\*LWRGIFLL\*YIKTV\*LYLE\*K\*DSE\*\*YRVRSYHTPMQNKTNCKYVAGSRKSNVCPSHQRTN\*M\*IKYYRATINMGWW\*REQRD\*GLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDADGTGQTIVVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IL\*\*YLEKHDLDGVGKRD\*KLHRLNIQLN\*KIAKPTGKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCSTFYSE\*S\*AGILTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSI

>B.2010.KU678015.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSSTDQASLPKQ\*VVHVMQPLIVLSIVGLVVAAILAIIVWSIVAIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLMEMGHLAPWDVDDL\*SCRKFVGHSLLWGTCVERSNYHSLLCIRC\*II\*YRST\*CLGHTCLCTHRPQPTRNTIEKCDRKF\*RVEK\*YGRTDA\*GYNQFMGPKPKAMCKINPTLCYFTLH\*IDYQQH\*CYYHQCWYH\*C\*SH\*NEKLLFQYHHKHKR\*GEERICTFLHA\*YSANKGG\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCSCWFCDSKV\*\*\*EFHWIRNMYKCQLSTMYTWN\*TSSINSTTVKWQSSRR\*KGSN\*I\*EFHKQC\*NHNSTAGKSSSN\*LYKALH\*YKERYTCRTCRTRESSSCNKRNNRKPKTSTVYP\*CNRLE\*YFKSGS\*KIKRTI\*\*NNNSL\*SILRRGPRNCNAHF\*LWKGIFLL\*YIKTV\*\*YFV\*\*\*YLE\*\*YYRIKWHYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRAAINKRWG\*PERA\*\*DFQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTLQGKEKSGAERKKSSGTGSVVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATSSVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*IL\*\*HLVQHDLAGVGKRN\*QLHRHNIQLN\*TIAKPTGKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFYCAFYSE\*S\*AGILTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSL

>B.2010.KU678016.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFISKGLGISHGRKKRRQRRRAPQDSPTDQASLPKQ\*VVHVMQPLAILAIVGLVVAAILAIIVWSIVAIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLMEMGHLAPWDIDDL\*CFRKIVGHSLLWSTCVERSNHHSILCIRC\*II\*HRGT\*CLGHTCLCTHRPQPTRSRVEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINSTLCYSTLR\*FECHWYWQHYC\*AR\*\*YRGWYSYH\*\*\*RGRRNEKLLFQYHHKHKR\*GEEGICTFLYI\*SGTNKGYW\*\*YQQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPCWFCDSKM\*\*\*EFHWIRTM\*KSQHSTMYTWN\*TSSINSTTVKWQFGRRR\*CNN\*I\*EFHRQC\*NHNSTAEQICRYYL\*KAQ\*QYKQKYTLRTRESILYNRKNNRTNKTSTL\*C\*\*KKLD\*YFRTGS\*KIRRKV\*KEDNIL\*SILRRGSRNCNAHF\*LWRGIFLL\*YIKTV\*LYLE\*\*QYWE\*\*SRVK\*H\*PYHTPMQNKTNCKHVAGSRKSNVCPSHQRTD\*M\*IKYYRATINKRWW\*REQRDRGLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSSVPWVLGSSRKHYGRSVNDADGTGQTIVVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSSGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LEQ\*IL\*\*YLEKHDLDGVGKRD\*KLHRLNIQLN\*KIAKPTGKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCSTFYSE\*S\*AGILTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSI

>B.2010.KU678017.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFISKGLGISHGRKKRRQRRRAPQDSPTDQASLPKQ\*VVYVMQPLAILSIVGLVVAAILAIIVWSIVAIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLMEMGHLAPWDIDDL\*CFRKIVGHSLLWSTCVERSNHHSILCIRC\*II\*HRGT\*CLGHTCLCTHRPQPTRSRVKKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINSTLCYSTLR\*FECHWYWQHYC\*AR\*\*\*RGWYSYH\*\*\*RGRRNEKLLFQYHHKHKR\*GEEGICTFLYI\*SSTNKGYW\*\*YQQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPCWFCDSKM\*\*\*EFHWIRTM\*KSQHSTMYTWN\*ASSINSTTVKWQFGRRR\*CNN\*I\*EFHRQC\*NHNSTAEPICKYCL\*KAQ\*QYKQKYTLRTRESILYNRKNNRTNKTSTL\*C\*\*PKLD\*DFRTGS\*KIRRKV\*R\*NNIL\*SILRRGPRNCNAHF\*LWRGIFLL\*YIKTV\*LYLE\*K\*DSE\*\*YRVRSYHTPMQNKTNCKYVAGSRKSNVCPSHQRTN\*M\*IKYYRATINMGWW\*REQRD\*GLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDADGTGQTIVVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IL\*\*YLEKHDLDGVGKRD\*KLHRLNIQLN\*KIAKPTGKE\*TRIIGIR\*MGRFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFCSTFYSE\*S\*AGILTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSI

>B.2010.KU678018.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSSTDQASLPKQ\*VVYVMQPLIVLSIVGLVVAAILAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELLMEMGHLAPWDVDDL\*SCRKLVGHSLLWGTCVERSNYHSLLCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSTIEKCDRKF\*RVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPTLCNFKLH\*FEECY\*YQ\*Y\*CH\*HYWQR\*\*YCW\*\*CQ\*\*\*RGNTGGRRNKKLLFQYHHKHKR\*GEERICTFLYT\*YSANRGG\*YC\*\*\*YQL\*VDKL\*YLSHYTGLSKGIL\*ANSNTLLCPCWFCDSKV\*\*\*EFHWLRAMQKCQLSTMYTWN\*TSSINSTTVKWQSSRR\*KGSN\*I\*EFHKQCQNHNSTAERSSSN\*LYKAQ\*\*YKKRYTYRTRESILCNRSNNRRHKTSTL\*PQCNRLEYYFKRGS\*KIKRTIWEK\*NNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YIKTV\*\*YFV\*\*\*YLE\*\*YYRIKWHYHTPMQNKTNCKHVAGSRKSYVCPSHQRTN\*LFIKHYRTTINKRWW\*\*GEQD\*\*DFQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTLQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATSSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IL\*\*HLVQHDLDGVGKRN\*QLHRHNIQLN\*NIAKPTGKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFYCAFYSE\*S\*AGILTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSL

>B.2010.KU678019.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFISKGLGISHGRKKRRQRRRAPQDSPTDQASLPKQ\*VVYVMQPLAILSIVGLVVAAILAIIVWSIVAIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELLMEMGHLAPWDIDDL\*CFRKIVGHSLLWSTCVERSNHHSILCIRC\*II\*HRGT\*CLGHTCLCTHRPQPTRSRVKKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINSTLCYSTLR\*FECHWYWQHYC\*AR\*\*\*RGWYSYH\*\*\*RGRRNEKLLFQYHHKHKR\*GEEGICTFLYI\*SSTNKGYW\*\*YQQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPCWFCDSKM\*\*\*EFHWIRTM\*KSQHSTMYTWN\*ASSINSTTVKWQFGRRR\*CNN\*I\*EFHRQC\*NHNSTAEPICKYYL\*KAQ\*QYKQKYTLRTRESILYNRKNNRTNKTSTL\*C\*\*PKLD\*DFRTGS\*KIRRKV\*R\*NNIL\*SILRRGPRNCNAHF\*LWRGIFLL\*YIKTV\*LYLE\*K\*DSE\*\*YRVRSYHTPMQNKTNCKYVAGSRKSNVCPSHQRTN\*M\*IKYYRATINMGWW\*REQRD\*GLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDADGTGQTIVVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSSGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*IL\*WHLVQHDLDGVGKRD\*KLHRLNIQLN\*KIAKPTGKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCSTFYSE\*S\*AGILTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSI

>B.2010.KU678020.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSSTDQASLPKQ\*VVYVMQPLIVLSIVGLVVAAILAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELLMEMGHLAPWDVDDL\*SCRKLVGHSLLWGTCVERSNYHSLLCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSTIEKCDRKF\*RVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPTLCNFKLH\*FEECY\*YQ\*Y\*YH\*HYWQR\*\*YCW\*\*CQ\*\*\*RGNTGGRRNKKLLFQYHHKHKR\*GEERICTFLYT\*YSANRGG\*YC\*\*\*YQL\*VDKL\*YLSHYTGLSKGIL\*ANSNTLLCPCWFCDSKV\*\*\*EFHWLRAMQKCQLSTMYTWN\*TSSINSTTVKWQSSRR\*NGSN\*I\*EFHKQCQNHNSTAERSSSN\*LYKAQQ\*YKKRYTYRTRESILCNRSNNRRHKTSTL\*PQCNRLEYYFKRGS\*KIKRTIWEK\*SNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YIKTV\*\*YFV\*\*\*YLE\*\*YYRIKWHYHTPMQNKTNCKHVAGSRKSYVCPSHQRTN\*LFIKHYRTTINKRWW\*\*GEQD\*\*DFQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTLQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATSSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IL\*\*HLVQHDLDGVGKRN\*QLHRHNIQLN\*NIAKPTGKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNNFYCAFYSE\*S\*AGILTIIVSDPLPSPGGTRQARRNRRRRWRERQRQIQSL

>B.2010.KU678021.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDSSTDQASLPKQ\*VVHVMQPLIVLSIVGLVVAAILAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELLMEMGHLAPWDVDDL\*SCRKLVGHSLLWGTCVERSNYHSLLCIRC\*SI\*NRET\*CLGHTCLCAHRPQPTRSTIEKCDRKF\*RVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPTLCNFKLH\*FEECY\*YQWY\*CH\*HYWQR\*\*YCW\*\*CQ\*\*\*RGNTGGRRNKKLLFSISPQA\*EIR\*RKNMHFFIHLI\*CQ\*RRIILLMIVPVIG\*QVVIPQSLHRPVQRYPLSQFQYIIVPLLVLRF\*SVMIRISLAQGHAEMSAQYNVHMELDQ\*YQLNYC\*MAV\*QKMKR\*\*LDLRISQTMPKP\*\*YS\*EKQ\*\*LIVQGPTIIQEKVYI\*DQGEHFMQQEQ\*\*ET\*DKHIVTSVQQIGILL\*KR\*LKN\*EDNLGKIKQ\*SLINPQEGTQKL\*CTLLIVEGNFSIVIHQDCLIVLCIVIILGVVILQN\*MGLSHSHAE\*NKL\*TCGRK\*EKLCMPLPSADKLTVHQTLQDYY\*QEMVVMRRTRLMRFSDLEEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HPPGQREEWCREKKEQWD\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRTIC\*GLLRRNIICCNSQSGASSSSRQESWLWKDT\*RINSS\*GFGVALENSSAPLLCLGILVGVINLMMTFGTT\*PGWSGKEKLTITQA\*YTT\*LKYRKTNRKRMNKNYWH\*INGQVCGIGLT\*QTGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLCFL\*\*IELGRDTHHYRFRPASQPRGDPTGPKESKKEVERETETDPVT\*

>B.2014.KU678025.-

MEPVDPSLEPWRHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQTHQVSLSKQ\*VVHVMQSLTILSIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEDLSALMDRGHLAPWDIVDEL\*S\*KRKKVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTH\*PQPTRSKIGKCDRKF\*HVEE\*HGRADA\*GYNQFMGSKPKAMCKINPTLCYFKMQ\*LDK\*CH\*\*CH\*\*GMGSAGGRRSKKLLFQCHHKHKR\*GEERICIVL\*T\*CSTNR\*\*\*\*\*Y\*L\*VDKL\*HISHYTGLSKDIL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTM\*KCQYSTMYTWN\*ASSINSTAVKWQSGRRRDSSQICQFHRQC\*NHNSTAE\*ICSN\*LYKTQQQYKKRYTYRSRESNVCNRSYNRRYKASTL\*P\*\*NRLEEHFRTDS\*KIKRTI\*EYNNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*\*LEFL\*\*LD\*RKCYWRK\*H\*HTHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYHRAAINKGWWYEQHQRH\*DLQTRRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSSAERKKSSTRGTRSCVHWVLGSSRKHYGRSGSDADGTGQTIIDWYSATAEQLAEGY\*GATAPVATHSLGHQTAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*ISGSDLEEHDLDGVG\*RN\*QLHTINIQLN\*KIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRFSRFKNSLYCTFYSE\*S\*AGILTTVISDPPPSPEGTRQARRNRRRRWRERQRHIRSL

>B.2014.KU678026.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQTHQVSLPKQ\*VVHVMQSLEISAIVALVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEDLSALMDRGHLAPWDIVDEL\*S\*KRRKVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTH\*PRSTRSRIGKCDRKF\*HVEE\*HGRADA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*LEQ\*CHK\*CH\*\*CH\*\*\*MGNAGGRRSKKLLFQCHHKHKR\*GEERICIVL\*T\*CSTNR\*\*\*\*\*\*\*Y\*L\*VDKL\*HISHYTGLSKDNL\*ANSHTLLCPSWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSGRRRDSSQICQFHRQC\*NHNSTTKRICSN\*LYKTQQQYKKRYTYRTRESNVCNRSYNRRYKASTL\*H\*\*NRLEEHFRTDS\*KIKRTI\*E\*YKNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*\*LEFL\*\*LD\*RKCYWRK\*H\*HNHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYHRAADNKGWWYEQHQQRH\*DLQTRRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSTRGTRSFVPWVLGSSRKHYGRSGSDADGTGQTIIDWYSATAEQFAEGY\*GATAPVATHSLGHQTAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGCDLGEHDLDGVG\*RN\*QLHTINIRLN\*KIADPTRKE\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRFSRFKNSLYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRHIRSL

>B.2014.KU678027.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQTHQVSLSKQ\*VVHVMQSLIILSIVALVVAIILALVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEDLSALMDRGHLAPWDIDDL\*S\*RRRKVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYFKLH\*LGK\*CHN\*CH\*YH\*\*WRGSAGGRRSKKLLFQYYHKHKK\*DAEGICIVL\*T\*CSTNR\*\*\*Y\*R\*H\*L\*VDKL\*HISHYTGLSKGNL\*TNSYTLLCPSWFCDSQV\*R\*EVQWNRTVYKCQYSTMYTWN\*ASDINSTAVEWQSGRRRGSN\*ICQFHRQC\*NYNSTAE\*ICTN\*LYKTQQQYKKRYTHRTRESNLCNRRYNRRYKTSIL\*C\*\*NQMGEHFKTGS\*KIKRTIWEQDNYKL\*SILRRGPRNCNAQF\*LWRGILLL\*FNTTV\*\*\*LGV\*\*NWRGV\*\*NWEECY\*RHTYTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MFIKYHRAANNKRWWYKQQQDKQR\*DLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSRNCVPWVLGSSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQTAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHCCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHTINIQLN\*KIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNTMAMVYKNIHNDSRRFDRFKDSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2014.KU678028.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQTHKTSLPKQ\*VVHVMQSLTILSIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEDLSALMDRGHLAPWDIVDEL\*S\*KRRKMGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTH\*PQSTRSSIGKCDRKF\*HVEE\*HGRADA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*LDK\*CH\*\*YH\*\*WRGNDGGRRSKKLGGRRSKKLLFQCHHKHKR\*GEERICIVL\*T\*CSTNR\*\*\*C\*Q\*\*L\*VDKL\*HISHYTGLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTM\*KCQYSTMYTWD\*TSSINSTAVKWQSGRRRDSSQICQFHRQC\*NHNSTAKRICSN\*LYKTQQQYKKRYTYRTRESNVCNRSYNRRYKASTL\*P\*\*NRLEEHFRTDS\*KIKRTI\*E\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*\*LEIL\*\*LD\*RKCYWRK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYHRAADNKGWWYEQHQRH\*DLQTRRRRYEGQLEK\*II\*I\*SSAN\*TIRSSTHQGKEKSGAERKKSIRTRTRSYVPWVLGSSRKHYGRSGSDADGTGQTIIDWYSATAEQFAEGY\*GATAPVATHSLGHQTAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGCDLGEHDLDGVG\*RN\*QLHTINIQLN\*KIADPTRKE\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRFSRFKNSLYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRHIRSL

>B.2014.KU678029.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQTHQVSLSKQ\*VVHVMQSLAILSIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEDLSALMDRGHLAPWDIDDL\*S\*RRRKVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKTMCKINPTLCYFKLQ\*LEN\*CY\*YH\*\*WRGNDEGRRNKKLLFQYYHKHKK\*DAEGICIVL\*T\*CSTNR\*\*\*Y\*R\*H\*L\*VDKL\*HISHYTGLSKGNL\*TNSHTLLCPSWFCDSQV\*R\*EVQWNRTVYKCQYSTMYAWN\*TSDINSTAVKWQSGRRRGSN\*ICQFHRQC\*NYNSTAE\*ICTN\*LYKTQQQYKKRYTYRTRESNLCNRRNNRRYKTSIL\*P\*\*NQMGEHFKTDS\*KIKRTIWEQYNHKI\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*\*LEF\*\*\*LD\*REECYWRK\*HTHTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MFIKYHRAANNKRWWYKQQQDRQH\*DLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGTERKKSSGNRSCVPWVLGSSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQTAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*ISG\*DLE\*HDLDGVG\*RN\*QLHTINIQLN\*KIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRFGRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2014.KU678030.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQTHQVSLSKQ\*VVHVMQSLTILSIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEDLSALMDRGHLAPWDIVDEL\*S\*KRRKMGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTH\*PQSTRSSIGKCDRKF\*HVEE\*HGRADA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*LEK\*CHK\*CH\*\*YH\*\*WRGNDGGRRSKKLGGRRSKKLLFQCHHKHKR\*GEERICIVL\*T\*CSANR\*\*\*\*\*W\*Y\*L\*VDKL\*HISHYTSLSKGIL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTM\*KCQYSTMYTWN\*ASSINSTAVKWQSGRRRDSSQICQFHRQC\*NHNSTAKRICSN\*LYKTQQQYQKRYTYRTRESNVCNRSYNRRYKASTL\*P\*\*SRLEEHFRRDSKKVKRTV\*G\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*\*LEIL\*\*LD\*RKCYWRK\*HTHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYHRAADNKGWWYEQHQRH\*DLQTRRRRYEGQLEK\*II\*I\*SSAN\*TIRSSTHQGKEKSGAERKKRFRTRSYVPWVLGSSRKHYGRSGSDADGTGQTIIDWYSATAEQFAEGY\*GATAPVATHSLGHQTAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGCDLGEHDLDGVG\*RN\*QLHTINIQLN\*KIADPTRKE\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRFSRFKNSLYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRHIRSL

>B.2014.KU678031.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQTHQVSLPKQ\*VVHVMQSLEISAIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEDLSALMDRGHLAPWDIVDEL\*S\*TRRKVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTH\*PQSTRSRIGKCDRKF\*HVEE\*HGRADA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*LEQ\*CHK\*CH\*\*CH\*\*\*MGNVGGRRSKKLLFQCHHKHKR\*GEERICIVL\*T\*CSTNR\*\*\*\*\*\*\*Y\*L\*VDKL\*HISHYTGLSKDNL\*ANSHTLLCPSWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSGRRRDSSQICQFYRQC\*NHNSTAKRICSN\*LYKTQQQYKKRYTYRTRESNVCNRRYNRRYKASTL\*P\*\*NRLEEHFRTDSYKIKRTI\*EKNNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*\*LEFL\*\*LD\*RKCYWRK\*HTHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYHRAADNKGWWYEQHQQRH\*DLQTRRRRYEGQLEK\*II\*I\*SSAN\*TIRSSTHQGKEKSGAERKKRFRTRSYVPWVLGSSRKHYGRSGSDADGTGQTIIDWYSATAEQFAEGY\*GATAPVATHSLGHQTAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGCDLGEHDLDGVG\*RN\*QLHTINIQLN\*KIADPTRKE\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRFSRFKNSLYCTFYSE\*S\*AGILTIVISDPPPSSEGTRQARRNRRRRWRERQRHIRSL

>B.2014.KU678032.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQTHQVSLSKQ\*VVHVMQSLTILSIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEDLSALMDRGHLAPWDIVDEL\*S\*KRRKVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEE\*HGRADA\*GYNQFMGSKPKAMCKINPTLCYFKMH\*LEK\*CHK\*CHN\*CH\*\*YH\*\*\*MGNDGGRRSKKLLFQCHHEHKR\*GEERICIVL\*T\*CSTNR\*\*\*Y\*\*\*Y\*L\*VDKL\*HISHYTGLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSGRRRDSNQICQFHRQC\*NHNSTAK\*ICSN\*LYKTQQQYKKRYTYRTRESNVCNRSYNRRYKTSTL\*P\*\*SRLEEHFRRDSKKVKRTV\*E\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNPTV\*\*\*LEF\*\*\*LD\*RKYYGRK\*HTHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYHRAADNKGWWYEQHQRH\*DFQTRRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSNNGRTRSCVHWVLGSSRKHYGRSGSDADGTGQTIIDWYSATAEQFAEGY\*GATAPVATHSLGHQTAPGKTPGCGKIPTGSAAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGSDLEEHDLDGVG\*RN\*QLHTNNIQLN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRFSRFKNSLYYTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRHIRSL

>B.2014.KU678033.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQTHQVSLSKQ\*VVHVMQSLTILSIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEDLSALMDRGHLAPWDIDDL\*S\*RRRKVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYFTLH\*LGQ\*YHK\*CH\*YH\*\*WRGNAGGRRSKKLLFQYYHKHKK\*DAEGICIVL\*T\*CSTNR\*\*\*Y\*R\*H\*L\*VDKL\*HISHYTGLSKGNL\*TNSHTLLCPSWFCDSQV\*R\*EVQWNRTVYKCQYSTMYTWN\*TSDINSTAVKWQSGRRRGSN\*ICQFHRQC\*NYNSTAE\*ICTN\*LYKTQQQYKKRYTYRTRESNLCNRRYNRRYKTSIL\*C\*\*NQMGEHFKTGS\*KIKRTIWEQNNHKL\*SILRRGPRNCNAQF\*LWRGILLL\*FNTTV\*\*\*LGV\*\*NWRGV\*\*NWEKCY\*RHTYTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MFIKYHRAANNKRWWYKQQQDKQH\*D\*DLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSIVPWVLGSSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATAPVATHSLGHQTAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGCDLE\*HDLDGVG\*RN\*QLHTINIQLN\*KIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRFGRFKDSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2014.KU678034.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQGSQTHQVSLPKQ\*VVHVMQSLEISAIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEDLAALMDRGHLAPWDIVDEL\*S\*KRRKVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTH\*PQSTRSSIEKCDRKF\*HVEE\*HGRADA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*LEK\*CHK\*YH\*CH\*\*\*MGNDGGRRSKKLLFQCHHKHKR\*GEERICIVL\*T\*CSTNR\*\*\*\*\*\*\*Y\*L\*VDKL\*HISHYTSLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTVYKCQHSTMYTWN\*ASNINSTAVKWQSGRRRDSSQICQFHRQC\*NHNSTSKGICSN\*LYKTQQQYKKRYTYRTRESNVCNRCYNRRYKASTL\*P\*\*NRMEEHFRTDS\*KIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*\*LEF\*\*\*LD\*RKCYWRK\*HTHTPMQNKTNYKHVAGSRKSNVCPSYQRTN\*MFIKYHRAADNKGWWYEQHQRH\*DLQTRRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSIDGTRSCVHWVLGSSRKHYGRSGSDADGTGQTIIDWYSATAEQFAEGY\*GATAPVATHSLGHQTAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGCDLGEHDLDGVG\*RN\*QLHTINIQLN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRFSRFKNSLYYTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRHIRSL

>B.2014.KU678035.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQTHQVSLPKQ\*VVYVMQSLTILAIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEDLSALMDRGHLAPWDIVDEL\*S\*KRRKMGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEE\*HGRADA\*GYNQFMGSKPKAMCKINPTLCYFTLH\*LEKYHK\*CH\*\*CH\*\*\*MGNAGGRRSKKLLFQCHHKHKR\*GEERICIVL\*T\*CSTNR\*\*\*Y\*\*\*Y\*L\*VDKL\*HISHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTM\*KCQYSTMYTWN\*ASNINSTTVKWQPGRRRGST\*VCQFHGQC\*NHNSTSE\*ICRH\*LYKTQQQYKKRYTYRTRESNVCNRSYNRRYKTSTL\*H\*YSKME\*NFNTDS\*KIKRTIWEE\*NNKLYSILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*FLGV\*CYYQVKYHWSRKRHNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYHRAAIDKRWW\*EQHQQH\*DLQTRRRRYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSTRGTRSYVPWVLGSSRKHYGRSGSDADGTGQTIIDWYSATAEQFAEGY\*GATAPVATHSLGHQTAPGKTPGCGKIPTGSAAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGSDLEEHDLDGVG\*RN\*QLHTINIQLN\*KIADPTRKE\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIHNDSRRFSRFKNSLYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRHIRSL

>B.2014.KU678036.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQTHKTSLPKQ\*VVHVMQSLTILSIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEDLSALMDRGHLAPWDIVDEL\*S\*KRRKMGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTH\*PQSTRSSIGKCDRKF\*HVEE\*HGRADA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*LDK\*CH\*\*YH\*\*WRGNDGGRRSKKLGGRRSKKLLFQCHHKHKR\*GEERICIVL\*T\*CSTNR\*\*\*C\*Q\*\*L\*VDKL\*HISHYTGLSKGNL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTM\*KCQYSTMYTWD\*TSSINSTAVKWQSGRRRDSSQICQFHRQC\*NHNSTAKRICSN\*LYKTQQQYKKRYTYRTRESNVCNRSYNRRYKASTL\*P\*\*NRLEEHFRTDS\*KIKRTI\*E\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*\*LEIL\*\*LD\*RKCYWRK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYHRAADNKGWWYEQHQRH\*DLQTRRRRYEGQLEK\*II\*I\*SSAN\*TIRSSTHQGKEKSGAERKKSIRTRTRSYVPWVLGSSRKHYGRSGSDADGTGQTIIDWYSATAEQFAEGY\*GATAPVATHSLGHQTAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGCDLGEHDLDGVG\*RN\*QLHTINIQLN\*KIADPTRKE\*TRIIGIG\*MGKFVELV\*HNKMAVVYKNIYNDSRRFSRFKNSLYCTFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRHIRSL

>B.2014.KU678049.-

MEPVDPRLEPWQHPGSQPRTACNNCFCKKCSFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQTHQASLSEQ\*VLHVMQPLEIASIVALVVAALIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CC\*H\*FVGYSLLWGTCVERRKHHSILCIRC\*SICGRGT\*CLGHTCLCTHRPQPTRSKITKCDRKF\*HVEKQHGGTDA\*GYNQFMGPKPKAMCKINPTLCYFRLY\*FKE\*YQL\*\*NQCQ\*\*HY\*MCGRRNERRNKKLLFQCHHRNKR\*DKE\*TCTFL\*TRCSTTRY\*SEL\*\*Y\*\*EL\*VDKL\*HLSYHTCLPKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTMWRCQHSTMYTWN\*TSSVNSTAAKWQSSRRRGSN\*I\*KFLEE\*KDHNSTAE\*NCRN\*LYKTWQQYRKRYTYRTRESMVLNRKHNRKYKTSTL\*S\*LNKMECHFKKGSCKIKGTI\*\*NNNKIYSPLRRGPRNCTAQF\*LWRGIFLL\*YITTV\*QYLVW\*FNTE\*YYWE\*YCYHTPM\*NKTNYKHVAGSRKSNVCPSHQWIH\*LFIKYYRATINKRWYCG\*QYR\*RYRDIQT\*RRKHEGQLEK\*TI\*I\*SSTN\*TIRNSTHQGKEKSGAERKKSSGSAGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAAGY\*GATASAATHSLGHQAAPGKSPGYRKIPKGSTAPRTLGLLWKTHLHH\*CALE\*\*LE\*\*ISE\*DLG\*PDLDAVGKRN\*QLHRNNIQFT\*SIAKPTRKE\*TRIIGIR\*VGKFVELV\*HIKLAVVYKNIHNDSRRIDRFKNSFCCAFYSE\*S\*AGILTIVISDPPPKPEGTRQARRNRRRRWRERQRQIRLL

>B.2014.KU678050.-

MEPVDPRLEPWQHPGSQPRTACNNCFCKKCSFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQTHQASLSEQ\*VLHVMQPLEIASIVALVVAALIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CC\*H\*FVGYSLLWGTCVERCKHHSILCIRC\*SICGRGT\*CLGHTCLCTHRPQPTRSSINKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*DREYYQL\*\*CQ\*Q\*HY\*MCERRNERRNKKLLFQCHHRNKR\*DKE\*TCTFL\*TRCSTTR\*Y\*WEL\*\*Y\*\*EL\*VDKL\*HLSYHTCLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTMWKCQHSTMYTWN\*TSSVNSTAAKWQSSRRRDSN\*I\*KFLEE\*KDHNSTAE\*NCRN\*LYKTWQQYRKRYTYRTRESMVLNRKHNRKYKTSTL\*S\*LNKMECHFKKGSYKIKGTI\*\*NKNKIYSPLRRGPRNCTAQF\*LWRGIFLL\*YITTV\*QYLVW\*FNTG\*YYWG\*YCYHTPM\*NKTNYKHVAGSRKSNVCPSHQWIH\*LFIKHYRATINKRWYCG\*QYR\*RYRDIQT\*RRKHEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKSSGSAGSYVPWVLGNSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAAGY\*GATASAATHSLGHQAAPGKSPGYRKIPKGSTAPRTLGLLWKTHLHH\*CALE\*\*LE\*\*ISE\*DLG\*PDLDAVGKRN\*QLHRINIQFT\*SIAKPTRKE\*TRIIGIR\*VGKFVELV\*HIKLAVVYKNIHNDSRRIDRFKNSFCCAFYSE\*S\*AGILTIVISDPPPKPEGTRQARRNRRRRWRERQRQIRLL

>B.2014.KU678051.-

MEPVDPKLEPWQHPGSQPRTACNNCFCKKCSFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQTHQASLSEQ\*VLHVMQPLEIASIVALVVAALIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHDAPWDINDL\*CC\*H\*FVGYSLLWGTCVERRKHHSILCIRC\*SICGRGT\*CLGHTCLCTHRPQPTRSKITKCDRKF\*HVEKQHGGTDA\*GYNQFMGPKPKAMCKINPTLCYFRMY\*FKE\*YQL\*\*NQCQ\*QHY\*MCGRRNERRNKKLLFQCHHRNKR\*DKE\*TCTFL\*TRCSTTRKY\*\*KL\*\*Y\*\*EL\*VDKL\*HLSYHTCLSKGIL\*TNSHTLLCPSWFCDSKV\*\*\*EIQWNRTMWKCQHSTMYTWN\*TSSVNSTAAKWQSSRRRDSN\*I\*KFLEE\*KDHNSTAE\*NCRN\*LYKTWQQYRKRYTYRTRESMVLNRKHNRKYKTSTL\*S\*LYKMECYFKKGSCKIKGTI\*\*NNNKIYSSLRRGPRNCTAQF\*LWRGIFLL\*YITTVQQYLV\*\*FNTG\*YYWG\*YCYHTPM\*NKTNYKHVAGSRKSNVCPSHQWIH\*LFIKHYRATINKRWYCG\*QYR\*RYRDIQT\*RRKHEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKSSGSAGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAAGY\*GATASAATHSLGHQAAPGKSPGYRKIPKGSTAPRTLGLLWKTHLHH\*CALE\*\*LEQ\*ISGGDLG\*HDLDAVGKRN\*QLHRINIQFT\*SIAKPTRKE\*TRIIGIR\*VGKFVELV\*HIKLAVVYKNIHNDSRRIDRFKNSFCCAFYSK\*S\*AGILTIVISDPPPKPEGTRQARRNRRRRWRERQRQIRLL

>B.2014.KU678052.-

MEPVDPRLEPWQHPGSQPRTACNNCFCKKCSFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQTHQASLSEQ\*VLHVMQPLDIASIVALVVAALIAIVVWTIVLIEYRKILRQRKIDRLINRIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CYQRFVGYSLLWGTCVERRKHHSILCIRC\*SICGRGT\*CLGHTCLCTHRPQPTRSSINKCDRKF\*YVEK\*HGRTDA\*GYNQFMGPKPKAMCKVNPTLYYFRLY\*FKE\*YQL\*\*NQCQ\*HYY\*ICGRRNERRNKKLLFQCHHRNKR\*DKE\*TCTFL\*TRCSTTR\*Y\*\*KL\*\*YQ\*EL\*VDKL\*HLSYHTCLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTMWKCQHSTMYTWN\*TSSVNSTAAKWQSSRRRGSN\*I\*KFLEEY\*DHNSTAE\*NCRN\*LYKTWQQYRKRYTHRTRESMVLNRKHNRKYKTSTL\*S\*LNKMECHFRKGSCKIKGTI\*\*NNNKIYSPLRRGSRNCTAQF\*LWRGIFLL\*YITTV\*QYLVW\*FNTE\*YYWE\*YCYHTPM\*NKTNYKHVAGSRKSNVCPSHQWIH\*LFIKYYRATINKRWYCG\*QYR\*QYRDIQT\*RRKHEGQLEK\*TI\*I\*SSTN\*TIRNSTHQGKEKSGAERKKSSGSAGSYVPWVLGNSRKHYGRSVNNADGTGQTIIVWYSAAAAQSAAGY\*GATASAATHSLGHQAAPGKSPGYRKIPKGSTAPRTLGLLWKTHLHH\*CALE\*\*LE\*\*ISGGDLG\*PDLDAVGKRN\*QLHRINIQFT\*SIAKPTRKE\*TGIIGIR\*VGKFVELV\*HIKLAVVYKNIHNDSRRIDRFKNSFCCAFYSE\*S\*AGILTIVISDPPPKPEGTRQARRNRRRRWRERQRQIRLL

>B.2014.KU678053.-

MEPVDPRLEPWQHPGSQPRTACNNCFCKKCSFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQTHQASLSEQ\*VLHVMQPLDIASVVALVVAALIAIVVWTIVLIEYRKILRQRKIDRLINRIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CC\*H\*LVGYSLLWGTCVERSKHHSILCIRC\*SICGRGT\*CLGHTCLCTHRPQPTRSSITKCDRKV\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKVNPTLCYFILY\*FREYYQL\*\*NQYQ\*H\*\*HY\*MCGRRNKRRNKKLLFQCHHRNKR\*DKE\*TCTFL\*TRCSTTR\*\*Y\*L\*VDKL\*HLSHHTCLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTMWKCQHSTMYTWN\*TSSVNSTAAKWQSSRRRGSN\*I\*KFLEEY\*DHNSTAE\*NCRN\*LYKTRQQYKKKYTYRTRESMGLNRKHNRKYKTSTL\*S\*LNKMECHFKKGSCKIKGTI\*\*NNNKIYSPLRRGPRNCTAQF\*LWRGIFLL\*YITTV\*QYLVW\*FNTE\*YYWE\*YCYHTPM\*NKTNYKHVAGSRKSNVCPSHQWIH\*LFIKYYRATINKRWYCG\*QYR\*QYRDIQT\*GRKHEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKSSGSAGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAAGY\*GATASAATHSLGHQAAPGKSPGYRKIPKGSTAPRTLGLLWKTHLHH\*CALE\*\*LE\*\*ISEGDLGEHDLDTVGKRN\*QLHRINIQFT\*SIAKPTKKE\*TRIIRIR\*VGKFVELV\*HIKLAVVYKNIHNDSRRIDRFKNSFCCAFYSE\*S\*AGILTIVISDPPPKPEGTRQARRNRRRRWRERQRQIRLL

>B.2014.KU678054.-

MEPVDPRLEPWQHPGSQPRTACNNCFCKKCSFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQTHQASLSEQ\*VLHVMQPLDIASIVALVVAALIAIVVWTIVLIEYRKILRQRKIDRLINRIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CC\*H\*FVGYSLLWGTCVERRKHHSILCIRC\*SICGRGT\*CLGHTCLCTHRPQPTRSSITKCDRKF\*HVEKQHGGTDA\*GYNQFMGPKPKAMCKINPTLCYFRLY\*FKE\*YQL\*\*NQCQ\*HYY\*MCGRRNERRNKKLLFQCHHRNKR\*DKE\*TCTFL\*TRCSTTR\*Y\*SEP\*\*Y\*\*EL\*VDKL\*HLSYHTCLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTM\*KSQHSTMYTWN\*TSSVNSTAAKWQSSRRRGSN\*I\*KFLEE\*KDHNSTAE\*NCRN\*LYKTWQQYRKRYTYRTRESMVLNRKHNRKYKTSTL\*S\*LNKMECHFRKGSCKIKGTI\*\*NKNKIYSPLRRGPRNCTAQF\*LWRGIFLL\*YITTV\*QYLVW\*FNTG\*YYWG\*YCYHTPM\*NKTNYKHVAGSRKSNVCPSHQWIH\*LFIKHYRATINKRWYCG\*QYR\*RYRDIQT\*RRKHEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAKREKSSGSAGSYVPWVLGNSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAAGY\*GATASAATHSLGHQAAPGKSPGYRKIPKGSTAPRTLGLLWKTHLHH\*CALE\*\*LE\*\*ISGGDLG\*PDLDAVGKRN\*QLHRINIQFT\*SIAKPTRKE\*TRIIGIR\*VGKFVELV\*HIKLAVVYKNIHNDSRRIDRFKNSFCCAFYSE\*S\*AGILTIVISDPPPKPEGTRQARRNRRRRWRERQRQIRLL

>B.2014.KU678055.-

MEPVDPRLEPWQHPGSQPRTACNNCFCKKCSFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQTHQASLSEQ\*VLHVMQPLEIASIVALVVAALIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CYQRFVGYSLLWGTCVERRKHHSILCIRC\*SICGRGT\*CLGHTCLCTHRPQPTRSRITKCDRKV\*HVEK\*HGGTDA\*GYNQFMGPKPKAMCKINPTLCYFRLY\*FKE\*YQL\*\*NQSQ\*HYY\*MCGRRNERRNKKLLFQCHHRNKR\*DKE\*TCTFL\*TRCSTTRRYWSEL\*\*Y\*\*EL\*VDKL\*HLSYHTCLPKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRKMWKCQHSTMYTWN\*TSSVNSTAAKWQSSRRRDSN\*I\*KFLEE\*KDHNSTAE\*NCRN\*LYKTWQQYRKRYTYRTRESMVLNRKHNRKYKTSTL\*S\*LNKMECHFRKGSCKIKGTI\*\*NNNKIYSPLRRGSRNCTAQF\*LWRGIFLL\*YITTV\*QYLVW\*FNTG\*YYWG\*YCYHTPM\*NKTNYKHVAGSRKSNVCPSHQWIH\*LFIKHYRATINKRWYCG\*QY\*\*RYRDIQT\*RRKHEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKSSGSAGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAAQSAAGY\*GATASAATHSLGHQAAPGKSPGYRKIPKGSTAPRTLGLLWKTHLHH\*CALE\*\*LEW\*ISGGDLG\*PDLDAVGKRN\*QLHRINIQFT\*SIAKPTRKE\*TRIIGIR\*VGKFVELV\*HIKLAVVYKNIHNDSRRVDRFKNSFCCAFYSE\*S\*AGILTIVISDPPPKPEGTRQARRNRRRRWRERQRQIRLL

>B.2014.KU678056.-

MEPVDPRLEPWQHPGSQPRTACNNCFCKKCSFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQTHQASLSEQ\*VLHVMQPLEIASIVALVVAALIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CC\*H\*FVGYSLLWGTCVERSKHHSILCIRC\*SICGRGT\*CLGHTCLCTHRPQPTRSSINKCDRKF\*YVEK\*HGRTDA\*GYNQFMGPKPKAMRKVNPTLCYFRLY\*FREYYQL\*\*NQHQ\*HQ\*HY\*MCGRRNERRNKKLLFQCHHRNKR\*DKE\*TCTFL\*TRCSTTR\*\*Y\*L\*VDKL\*HLSYHTCLSKGIL\*TNSHTLLCPGWFCDSKVQ\*\*EIQWNRTM\*KCQHSTMYTWN\*TSSVNSTAAKWQSSRRRGSN\*I\*KFLEES\*DHNSTAE\*NCRN\*LYKTRQQYKKKYTYRTRESMGLNRKHNRKYKTSTL\*S\*LNKMECHFKKGSCKIKGTI\*\*NKNKIYSPLRRGPRNCTAQF\*LWRGIFLL\*YITTV\*QYLVW\*FNTG\*YYWE\*YCYHTPM\*NKTNYKHVAGSRKSNVCPSHQWIH\*LFIKHYRATINKRWYCG\*QYR\*QYRDIQT\*RRKHEGQLEK\*TI\*I\*SSTN\*TIRNSTHQGKEKSGAKRKKSSGSAGSYVPWVLGNSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAAGY\*GATASAATHSLGHQAAPGKSPGYRKIPKGSTAPRTLGLLWKTHLHH\*CALE\*\*LE\*\*ISGGDLG\*HDLDAVGKRN\*QLHRNNIQFT\*SIAKPTRKE\*TRIIGIR\*VGKFVELV\*HIKLAVVYKNIHNDSRRIDRFKNSFCCAFYSE\*S\*AGILTIVISDPPPKPEGTRQARRNRRRRWRERQRQIRLL

>B.2014.KU678057.-

MEPVDPRLEPWQHPGSQPRTACNNCFCKKCSFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQTHQASLSEQ\*VLHVMQPLEIASIVALVIAALIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CC\*H\*FVGYGLLWGTCVERRKHHSILCIGC\*SICGRGT\*CLGHTCLCTHRPQPTRSKITKCDRKF\*HVEKQHGGTDA\*GYNQFMGPKPKAMCKINPTLCYFRLY\*FKE\*YQL\*\*NQYQ\*H\*\*HY\*MCGRRNERRNKKLLFQCHHRNKR\*DKE\*TCTFL\*TRCSTTR\*Y\*YEQ\*\*Y\*\*EL\*VDKL\*HLSYHTCLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRIM\*TGQHSTMYTWN\*TSSVNSTAAKWQSSRRRGSN\*I\*KFLEE\*\*DHNSAAE\*NCRN\*LYKTRQQYRKRYTYRTRESMVLNRKHNRKYKTSTL\*S\*LNKMECHFKKGGCKIKGTI\*\*NKNKIYSPLRRGPRNCTAQF\*LWRGIFLL\*YITTV\*QYLVW\*FNTG\*YYWG\*YCHHTPM\*NKTNYKHVAGSRKSNVCPSHQWIH\*LFIKYYRATINKRWYCG\*QYR\*QYRDIQT\*RRKHEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKSSGSAGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAAGY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPRTLGLLGKTHLHH\*CALE\*\*LE\*\*NSEGDLGEHDLDAVGKRN\*QLHRLNIQFT\*SIAKPTRKE\*TRIIGIR\*VGKFVELV\*HI\*LAVVYKNIHNDSRRIDRFKNSFCCAFYSK\*S\*AGILTIVISDPPPKPEGTRQARRNRRRRWRERQRQIRLL

>B.2014.KU678058.-

MEPVDPRLEPWQHPGSQPRTACNNCFCKKCSFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQTHQASLSEQ\*VLHVMQPLVIASIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHHAPWDVNDL\*C\*\*QFVGYNLLWGTCVERSKHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRSSIKKCDRKF\*HVEK\*HGGTDA\*GYNQFMGPKPKAMCKINPTLCYFKLY\*FREYY\*YQQ\*PNQ\*\*QYQW\*\*\*H\*EICGRRNERRNKKLLFQCHHRNKR\*DKERTCTFL\*TRCSTNR\*\*\*Y\*Y\*I\*VDKL\*HLSHHTCLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTM\*KCQHSTMYTWN\*TSSVNSTAAKWQSGRRRGSN\*I\*KLLGK\*IHHNSTAE\*NCRN\*LYKTRQQYKKRYTYRTRGSMVLNRRHNRKYKTSTL\*S\*LNKMECHFKTGSCKIKRTI\*\*NNKIYSPLRRGPRNCNAQF\*LWRGIFLL\*YITTV\*QYLVW\*FNTE\*\*YWE\*YYNHTPM\*NKTNYKHVAGSRKSNVCPSHQWIH\*LFIKYYRATINKRWW\*EQE\*\*G\*QD\*DIQT\*RRKYEGQLEK\*II\*I\*SSTD\*TIRNSTHHGKEKSGAKRKKSSGNARSYVPWVLGSSRKHYGRSVINADGTGQTIIVWYSAAAEQSAEGY\*GATASVATHSLGHQAAPGKSPGYRKIPKGSTAPRTLGLLWKTHLHH\*CALE\*\*LE\*\*ISR\*DLE\*HDLDGVGKRN\*QLHRINIQFN\*SIAKPARKE\*TRIIGIR\*VGKFVELV\*YIKLAVVYKNIHNGSRRIDRFKNSFCCAFYSE\*S\*AGILTIVISDPPPKPEGTRQARRNRRRRWRERQRQIRSL

>B.2014.KU678059.-

MEPVDPRLEPWQHPGSQPRTACNNCFCKKCSFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQTHQASLSEQ\*VLHVMQPLEIASIVALVVAALIAIIVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CC\*H\*FVGYSLLWGTCVERCKHHSILCIRC\*SICGRGT\*CLGHTCLCTHRPQPTRSKITKCDRKF\*HVEKQHGGTDA\*GYNQFMGPKPKAMCKINPTLCYFRLY\*FKE\*YQL\*\*NQCQ\*QHY\*MCGRRNERRNKKLLFQCHHRNKR\*DKE\*TCTFL\*TRCSTTR\*Y\*AEL\*\*Y\*\*EL\*VDKL\*HLSYHTCLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*\*IQWNRTMWKCQHSTMYTWN\*TSSVNSTAAKWQSSRRRGSN\*I\*KFLEE\*KDHNSTAE\*NCRN\*LYKTWQQYRKRYTYRTRESMVLNRKHNRKYKTSTL\*S\*LNKMECHFKKGSCKIKGTI\*\*NNNKIYSPLRRGPRNCTAQF\*LWRGIFLL\*YITTV\*QYLVW\*FNTG\*YYWG\*YCYHTPM\*NKTNYKHVAGSRKSNVCPSHQWIH\*LFIKHYRATINKRWYCG\*QYR\*RYRDIQT\*RRKHEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKSSGSAGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAAGY\*GATASAATHSLGYQAAPGKSPGYRKIPKGSTAPRTLGLLWKTHLHH\*CALE\*\*LE\*\*ISGGDLG\*HDLDAVGKRN\*QLHRINIQFT\*SIAKPTRKE\*TRIIGIR\*VGKFVELV\*HIKLAVVYKNIHNDSRRIDRFKNSFCCAFYSE\*S\*AGILTIVISDPPPKPEGTRQARRNRRRRWRERQRQIRLL

>B.2014.KU678060.-

MEPVDPRLEPWQHPGSQPRTACNNCFCKKCSFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQTHQASLSEQ\*VLHVMQPLDIASIVALVVAALIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CC\*H\*FVGYGLLWGTCVERRKHHSILCIRC\*SICGRGT\*CLGHTCLCTHRPQPTRSKITKCDRKF\*HVEKQHGGTDA\*GYNQFMGPKPKAMCKINPTLCYFRLY\*FKEYYQL\*\*NQYQ\*H\*\*HY\*MCGRRNERRNKKLLFQCHHRNKR\*DKE\*TCTFL\*TRCSTTR\*Y\*SEL\*\*Y\*\*EL\*VDKL\*HLSYHTCLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRIMWTGQHSTIYTWN\*TSSVNSTAAKWQSSRRRDSN\*I\*KFLEE\*KDHNSTAE\*NCRN\*LYKTWQQYRKGYTYRTRESMVLNRKHNRKYKTSTL\*S\*LNKMECHFKKGSCKIKGTI\*\*NKNKIYSPLRRGPRNCTAQF\*LWRGIFLL\*YITTV\*QYLVW\*FNTG\*YYWG\*YCYHTPM\*NKTNYKHVAGSRKSNVCPSHQWIH\*LFIKHYRATINKRWYCG\*QYR\*RYRDIQT\*RRKHEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKSSGSAGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAAGY\*GATASAATHSLGHQAAPGKSPGYRKIPKGSTAPRTLGLLWKTHLHH\*CALE\*\*LE\*\*ISGGDLG\*HDLDAVGKRN\*QLHRINIQFT\*SIAKPTRKE\*TRIIGIR\*VGKFVELV\*HIKLAVVYKNIHNDSRRIDRFKNSFCCAFYSE\*S\*AGILTIVISDPPPKPEGTRQARRNRRRRWRERQRQIRLL

>B.2014.KU678061.-

MEPVDPRLEPWQHPGSQPRTACNNCFCKKCSFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQTHQASLSEQ\*VLHVMQPLEIASIVALVVAALIAIVVWTIVLIEYRKILRQRKIDRLINRIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CYQRFVGYSLLWGTCVERCKHHSILCIRC\*SICGRGT\*CLGHTCLCTHRPQPTRSKITKCDRKF\*HVEKQHGGTNA\*GYNQFMGPKPKAMCKINPTLCYFRLY\*FKE\*YQL\*\*NQYQ\*H\*\*HY\*MCGRRNERRNKKLLFQCHHRNKR\*DKE\*TCTFL\*TRCSTTR\*YSSEL\*\*Y\*\*EL\*VDKL\*HLSYHTCLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTMWKCQHSTMYTWN\*TSSVNSTAAKWQSSRRRDSN\*I\*KFLEE\*KDHNSTAE\*NCRN\*LYKTWQQYRKRYTYRTRESMVLNRKHNRKYKTSTL\*S\*LNKMECHFKKGSCKIKGTI\*\*NKNKIYSPLRRGPRNCTAQF\*LWRGIFLL\*YITTV\*QYLV\*\*FNTG\*YYWG\*YCYHTPM\*NKTNYKHVAGSRKSNVCPSHQWIH\*LFIKHYRATINKRWYCG\*QYR\*RYRDIQT\*RRKHEGQLEK\*II\*I\*SSTN\*TIRNSTHQGKEKSGAERKKSSGSAGSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAAGY\*GATASAATHSLGHQAAPGKSPGYRKIPKGSTAPRTLGLLWKTHLHH\*CALE\*\*LE\*\*ISGGDLG\*HDLDAVGKRN\*QLHRINIQFT\*SIAKPTRKE\*TRIIGIR\*VGKFVELV\*HIKLAVVYKNIHNDSRRIDRFKNSFCCAFYSE\*S\*AGILTIVISDPPPKPEGTRQARRNRRRRWRERQRQIRLL

>B.2014.KU678062.-

MEPVDPRLEPWQHPGSQPRTACNNCFCKKCSFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQTHQASLSEQ\*VLHVMQPLEIASIVALVVAALIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHDAPWDVNDL\*CC\*H\*FVGYSLLWGTCVERSKHHSILCIRC\*SICGRGT\*CLGHTCLCTHRPQPTRSSINKCDRKF\*YVEK\*HGRTDA\*GYNQFMGPKPKAMRKVNPTLCYFRLY\*FREYYQL\*\*NQHQ\*HQ\*HY\*MCGRRNERRNKKLLFQCHHRNER\*DKE\*TCTFL\*TRCSTTR\*\*Y\*L\*VDKL\*HLSYHTCLSKGIL\*TNSHTLLCPGWFCDSKVQ\*\*EIQWNRTM\*KCQHSTMYTWN\*TSSVNSTAAKWQSSRRRGSN\*I\*KFLEES\*DHNSTAE\*NCRN\*LYKTRQQYKKKYTYRTRESMGLNRKHNRKYKTSTL\*S\*LNKMECHFKKGSCKIKGTI\*\*NKNKIYSPLRRGPRNCTAQF\*LWRGIFLL\*YITTV\*QYLVW\*FNTG\*YYWE\*YCYHTPM\*NKTNYKHVAGSRKSNVCPSHQWIH\*LFIQHYRATINKRWYCG\*QYR\*QYRDIQT\*RRKHEGQLEK\*TI\*I\*SSTN\*TIRNSTHQGKEKSGAKRKKSSGSAGSYVPWVLGNSRKHYGRSVNNADGTGQTIIVWYSAAAEQSAAGY\*GATASAATHSLGHQAAPGKSPGYRKIPKGSTAPRTLGLLWKTHLHH\*CALE\*\*LE\*\*ISGGDLG\*HDLDAVGKRN\*QLHRNNIQFT\*SIAKPTRKE\*TRIIGIR\*VGKFVELV\*HIKLAVVYKNIHNDSRRIDRFKNSFCCAFYSE\*S\*AGILTIVISDPPPKPEGTRQARRNRRRRWRERQRQIRLL

>B.2010.KU678069.-

MEPIDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAHQDSETHQEYLSKQ\*VVNVMQPLQILAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*GCRSIMGHSLLWGTCVERSNHHSILCIRC\*RI\*NRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMGSKPNAMCKINPTLCYFKLH\*LC\*\*\*H\*EYQ\*\*YQGRNKKLLFQYYHKYAR\*EAKSKGTFL\*S\*CSTNRK\*\*\*YQLYQL\*VKKL\*YLSHYTGLSKDNL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVKWQSSRRDSN\*I\*ELH\*QCKNHNSTAEGTCNN\*LYKAQQQYKKEYNYRARESILYNRRNNRRYKTSTL\*P\*QTTME\*HFRTDS\*KIKGTIWE\*NNSL\*SPFRRGSRNCNAQF\*LWGGIFLL\*YNTTV\*\*YLVS\*WYKYLE\*Y\*RN\*\*HTHNPMQTKTIYKHVAGGRKSNVCPSHPGTN\*LCIKYYRAAINKRWRC\*HYQHH\*GLQTCRRRYEGQLEK\*IIQI\*SSKN\*TIRNSTH\*GKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVNDADGTGQTINVWYSATAEKFAEGY\*GAAASVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*IYGLYLD\*HDLDGMGKRN\*\*LHKLNI\*LNWRIAKPTRKE\*TRIIRIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTNIVTDPLPSTEGTRQARRNRRRRWRERQRQIRKI

>B.2010.KU678070.-

MEPIDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAHQDSQTHQDYLSKQ\*VVNVMQPLQILAIVALVVVAIIAIVVWSVVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*GCRSIVGHSLLWGTCVERSNHHSILCIRC\*RI\*NRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRADA\*GCNQFMGSKPNAMCKINPTLCYFKLH\*L\*\*\*\*HC\*YQ\*\*YQGRNKKLLFQYYHKYAR\*EAKSKGTFL\*S\*CSTNRK\*\*\*YQLYQL\*VKKL\*YLSHYTGLSKDNL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*EFHEQC\*NHNSTAEGTYNN\*LYKAQQQYKKKYNYRARESILYNRRNNRRYKTSTL\*P\*HNTME\*HFRTGS\*KIKGTIWE\*NNSL\*SLLRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLVS\*\*YKYLEWC\*WN\*\*HTHTPM\*NKTIYKHVAGGRKSNVCPSHPGTN\*LCIKYYRAAINKRWRC\*HYQHH\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVNDADGTGQTINVWYSATAEKFAEGY\*GAAASVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*IYGLYLD\*HDLDGMGKRN\*\*LHKLNI\*LNWRIAKPTRKE\*TRIIRIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTNIVTDPLPSSEGTRQARRNRRRRWRERQRQIRRI

>B.2010.KU678071.-

MEPIDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAHQDSETHQEYLSKQ\*VVNVMQPLQILAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*GCRSIVGHSLLWGTCVERSNHHSILCIRC\*RI\*NRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPNAMCKINPTLCYFKLH\*L\*\*\*\*HC\*YQ\*\*YQGRNKKLLFQYYHKYAR\*EAKSKGTFL\*S\*CSTNRK\*\*\*YQLYQL\*VKKL\*YLSHYTGLSKDNL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*EFHEQC\*NHNSTAEGTYNN\*LYKAQQQYKKKYNYRARESILYNRRNNRRYKTSTL\*P\*HNTME\*HFRTGS\*KIKGTIWE\*NNSL\*SLLRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLVS\*WYKYWEWYWRN\*\*HTHTPM\*NKTIYKLVAGGRKSNVCPSHPGTN\*LCIKYYRAAINKRWRC\*HYQHH\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTINVWYSATAEKFAEGY\*GAAASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*IYGLYLE\*HDLDGMGKRN\*\*LHKLNI\*LNWRIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTNIVTDPLPSTEGTRQARRNRRRRWRERQRQIRKI

>B.2010.KU678072.-

MEPIDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAHQDSQTHQDYLSKQ\*VVNVMQPLQILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*GCRSIVGHSLLWGTCVERSNHHSILCIRC\*RI\*NRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPNAMCKINPTLCYFKLH\*L\*\*\*\*HC\*YQ\*\*YQGRNKKLLFQYYHKYAR\*EAKSKGTFL\*S\*CSTNRK\*\*\*YQLYQL\*VKKL\*YLSHYTGLSKDNL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWNRTMHKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*EFHEQC\*NHNSTAEGTYNN\*LYKAQQQYKKKYNYRARESILYNRRNNRRYKTSTL\*P\*QNTME\*HFKTGS\*KIKRTIWE\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLVS\*\*YKYLE\*Y\*WN\*\*HTHTPM\*NKTIYKHVAGGRKSNVCPSHPGTN\*LCIKYYRAAINKRWRC\*HYQHH\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTINVWYSATAKKFAEGY\*GAAAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IFGLYLD\*HDLDGMGKRN\*\*LHKLNI\*LNWRIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTNIVTDPLPSTEGTRQARRNRRRRWRERQRQIRKI

>B.2010.KU678073.-

MEPIDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAHQDSQTHQEYLSKQ\*VVNVMQSLQILAIVALVVGAIIAIIVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*GCRSIVGHSLLWGTCVERSNHHSILCIRC\*RI\*NRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPNAMCKINPTLCYFKLH\*LC\*\*\*H\*\*YQGRNKTLLFQYYHKFER\*EAKSRGTFL\*T\*CSTNGK\*\*\*YQLYQL\*VNKL\*YLSHYTGLSKDNL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVKWQSSRRDSN\*I\*ELHEQCKNHNSTAEGTCNN\*LYKAQQQYKKKYNYRARESILYNRRNNRRYKTSTL\*P\*QNTME\*NFRTGS\*KIKGTIWE\*NNSL\*SLLRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLVS\*\*YKYLEW\*\*HTHSPMYNKTIYKHVAGGRKGNVCPSHPGTN\*LCIKYYRAAINKRWRC\*QY\*HH\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVNDADGTGQTINVWYSATAEKFAEGY\*GAAASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IFGLYLD\*HDLDGMGKRN\*\*LHKLNI\*LNWRIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIYNDSRRLDRFKNSFYCTFYSE\*S\*AGILTNIVTDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2010.KU678074.-

MEPIDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAHQDSQTHQEYLSKQ\*VVNVMQSLQILAIVALVVGAIIAIIVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*GCRSIVGHSLLWGTCVERSNHHSILCIRC\*RI\*NRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPNAMCKINPTLCYFKLH\*LC\*\*\*H\*\*YQ\*\*YQGRKGRNKKMLFQYYHKFER\*EAKSRGTFL\*S\*CSTNRR\*\*\*YQL\*VNKL\*YLSHYTGLSKDNL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVKWQSSRRDSN\*I\*ELHEQCKNHNSTAEGTCNNYLYKAQQQYKKEYNYRARESILYNRRNNRRYKTSTL\*P\*QNTME\*HSKTGS\*KIKGTIWE\*NNSL\*SPLRRGSRNCNA\*F\*LWRGIFLL\*YNTTV\*\*YLVS\*\*YKYLE\*Y\*WN\*\*HTHTTM\*NKTICKLVAGGRKGNVCPSHPGTN\*LCIKYYRAAINKRWRC\*HYQHH\*GLQTCRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTH\*GKEKSGTKRKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTINVWYSATAEKFAEGY\*GAAASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IFGLYLD\*HDLDGMGKRN\*\*LHKLNI\*LNWRIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIYNDSRRLDRFKNSFYCTFYSE\*S\*AGILTNIVTDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2010.KU678075.-

MEPIDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAHQDSQTHQDYLSKQ\*VVNVMQSLQILAIVALVVGAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*GCRAIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPNAMCKINPTLCYFKLH\*LC\*\*YH\*\*YQ\*\*YQGRNKKMLFQYYHKYER\*EAKSRGTFL\*T\*CSTNGK\*\*\*YQLYQL\*VNKL\*YLSHYTGLSKDNL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWNRTMHKCQHSTMYTWN\*TSGVNSTAVKWQSSRRDSN\*I\*EFHEQC\*NHNSTAEGTCNN\*LYKAQQQYKKKDDFRARKSILYNRRNNRKYKTSTL\*P\*QNTME\*HFKTGS\*KIKRTIWE\*NNSL\*SLLRRGPRNCNA\*F\*LWRGIFLL\*YNTTI\*\*YLVS\*\*YKYLEWY\*HTHTPM\*TKTNYKHVAGGRKSNVCPSHPGTN\*VFIKYYRAAINKRWRC\*HYQHH\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVNDADGTGQTINVWYSATAEKFAEGY\*GAAASVATHSLGHQTAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*IYGLYLG\*HDLDGMGKRN\*\*LHKLNI\*LNWRIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTNIVTDPPPSSEGTRQARRNRRRRWRERQRQIRQI

>B.2010.KU678076.-

MEPIDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAHQDSQTHQDYLSKQ\*VVNVMQPLQILAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*GCRSIVGHSLLWGTCVERSNHHSILCIRC\*RI\*NRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMGSKPNAMCKINPTLCYFKLH\*L\*\*\*\*HC\*YQ\*\*YQGRNKKLLFQYYHKYAR\*EAKSKGTFL\*S\*CSTNRK\*\*\*YQLYQL\*VKKL\*YLSHYTGLSKDNL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*EFHEQC\*NHNSTAEGTYNN\*LYKAQQQYKKKYNYRARESILYNRRNNRRYKTSTL\*P\*QYKME\*HFKTGS\*KIKGTIWE\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLVS\*WYKYWEWY\*RN\*\*HTHTPM\*NKTIYKLVAGGRKGNVCPSHPGTN\*LCIKYYRAAINKRWRC\*HYQHHRDL\*TCRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTINVWYSATAEKFAEGY\*GAAASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGN\*GLLWKTHLHHCCALEC\*LE\*\*IFGLYLD\*HDLDGMGKRN\*\*LHKLNI\*LNWRIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTNIVTDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2010.KU678077.-

MEPIDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAHQDSETHQEYLSKQ\*VVNVMQPLQILAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*GCRSIMGHSLLWGTCVERSNHHSILCIRC\*RI\*NRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMGSKPNAMCKINPTLCYFKLH\*L\*\*\*\*HY\*YQ\*\*YQGRNKKLLFQYYHKYAR\*EAKSKGTFL\*S\*CSTNRK\*\*\*YQLYQL\*VKKL\*YLSHYTGLSKDNL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*EFHEQC\*NHNSTAEGTCNNYLYKAQQQYKKEYNYRARESILYNRRNNRRYKTSTL\*P\*QYKME\*HFKTGS\*KIKGTIWE\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLVS\*WYKYWEWY\*RN\*\*HTHTPM\*NKTIYKLVAGGRKGNVCPSHPGTN\*LCIKYYRAAINKRWRC\*HYQHHRDL\*TCRRRHEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTINVWYSATAEKFAEGY\*GAAAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*IFGLYLD\*HDLDGMGKRN\*\*LHKLNI\*FNWRIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTNIVTDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2010.KU678078.-

MEPIDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAHQDSETHQEYLSKQ\*VVNVMQPLQILAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*GCRSIVGHSLLWGTCVERSNHHSILCIRC\*RI\*NRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*YVEK\*HGRTDA\*GCNQFMGSKPNAMCKINPTLCYFKLH\*L\*\*\*\*HC\*YQ\*\*YQGRNKKLLFQYYHKYAR\*EAKSKGTFL\*S\*CSTNRK\*\*\*YQLYQL\*VKKL\*YLSHYTGLSKDNL\*ANSHTLLCPGWFCDSKV\*Q\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTAVKWQSSRRDSN\*I\*ELH\*QCKNHNSTAEGTCNN\*LYKAQQQYKKKYNYRARESILYNRRNNRRYKTSTL\*P\*HNTME\*HFKTGSCKIKGTIWE\*NNSL\*SLLRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLVS\*WYKYWEWY\*RN\*\*HTHTPM\*NKTICKLVAGGRKSNVCPSHPGTD\*LCIKYYRAAINKRWRC\*HYQHH\*GLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTINVWYSATAEKFAEGY\*GAAASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*IYGLYLE\*HDLDGMGKRN\*\*LHKLNI\*LNWRIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTNIVTDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2010.KU678080.-

MEPIDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAHQDSQTHQEYLSKQ\*VVNVMQPLQILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*GCRSIVGHSLLWGTCVERSNHHSILCIRC\*RI\*NRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPNAMCKINPTLCYFKLH\*L\*\*\*\*HC\*YQ\*\*YQGRNKIALSILPQICKIRSKKQRHFFIILM\*YQ\*KIIIVPTIPTIG\*EVVIPQSLHRPVQR\*PLSQFPYIIVPRLVLRF\*SVTIRHSMEQDHAQMSAQYNVHMELSQ\*CQLNCC\*MAV\*QKR\*\*LDLRTSRTMQKS\*\*YS\*RNM\*QLIV\*GPTTIQEKV\*L\*GQGEHFIQQEK\*\*EI\*DKHIVTLAEHNGIAL\*NR\*LKN\*ENNLGIKQ\*SLITPQEGTQKL\*CTVLIVEGNFSTVVQHNCLIVLGILMMQVFGMVLMELMTHSHSHVK\*NNL\*TCGRR\*EKQCMPLPSRDKLIVHQILQGCY\*QEMEVLTLPTPLRSSDLQEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HPLRQREEWCKEKKEQWE\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDN\*CLV\*CNSREIC\*GLLRRSSICCNSQSGALSSSRQESWLWKDT\*RINSSWEFGVALENSFAPLLCPGMLVGVINLWIIFGLT\*PGWNGKEKLIITQA\*YMT\*LENRKTNKKRMNKNYWN\*INGQVCGIGLI\*HNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHQYRYRPTSQLRGDPTGPEESKKKVERETKTDPEN\*

>B.2010.KU678081.-

MEPIDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAHQDSQTHQEYLSKQ\*VVNVMQPLQILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*GCRSIVGHSLLWGTCVERSNHHSILCIRC\*RI\*NRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GCNQFMGSKPNAMCKINPTLCYFKLH\*L\*\*\*\*HC\*YQ\*\*YQGRNKKLLFQYYHKYAR\*EAKSKGTFL\*S\*CSTNRK\*\*\*YQLYQL\*VKKL\*YLSHYTGLSKDNL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWNRTMHKCQHSTMYTWN\*ASSVNSTAVKWQSSRRDSN\*I\*ELHEQCKNHNSTAEGTCNN\*LYKAQQQYKKKYNYRARESILYNRRNNRRYKTSTL\*P\*QNTME\*HFKTGS\*KIKRTIWE\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLVS\*\*YKYLEWY\*WS\*\*HTHTPM\*NKTIYKHVAGGRKSNVCPSHPGTN\*LCIKYYRAAINKRWRC\*HYQHH\*DLQTCRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTH\*GKEKSGTKRKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTINVWYSATAEKFAEGY\*GAAASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IFGLYLD\*HDLDGMGKRN\*\*LHKLNI\*LNWRIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTNIVTDPPPSSEGTRQARRNRRRRWRERQRQIRKI

>B.2010.KU678083.-

MEPIDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAHQDSQTHQDYLSKQ\*VVNVMQPLQILAIVALVVVAIIAIVVWSLVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*GCRSIVGHSLLWGTCVERSNHHSILCIRC\*RI\*NRET\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRADA\*GCNQFMGSKPNAMCKINPTLCYFKLH\*LC\*\*\*H\*\*YQ\*\*YQGRKGRNKKMLFQYYHKFER\*EAKSRGTFL\*S\*CSTNRR\*\*\*YQL\*VNKL\*YLSHYTGLSKDNL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWNRTMHKCQHSTMYTWN\*ASSVNSAAVKWQSSR\*DSN\*I\*ELHEQCKNHNSTAEGTCNN\*VYKAQQQYKKKYNYRARESILYNRRNNRRYKTSTL\*P\*QNTME\*HFKTGS\*KIKRTIWE\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLVS\*\*YKYLEWY\*WS\*\*HTHTPM\*NKTIYKHVAGGRKSNVCPSHPGTN\*LCIKYYRAAINKRWRC\*HYQHH\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTH\*GKEKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVNDADGTGQTINVWYSATAEKFAEGY\*GAAASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*IFGLYLD\*HDLDGMGKRN\*\*LHKLNI\*LNWRIAKPTRKE\*TRIIGIR\*MGKFVELV\*YNTMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTNIVTDPPPSSEGTRQARRNRRRKWRERQRQIRKI

>B.2014.KU678125.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRSPQDSKAHQASLPKQ\*VVYVMPSLQIVVTVVALVVALILAIVVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESEGDQEELSAFVGMGHLAPWDVNDL\*\*C\*KTRTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*HRGA\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRSDA\*GYN\*FMGSKPKTMCKINPTLCYFNLQ\*HME\*\*HKEEGWRNKKLHLQYHHKHER\*GDKRTCTVL\*P\*YSTNRE\*\*\*G\*Y\*L\*\*Y\*\*YY\*L\*YYR\*Y\*L\*VKKL\*HLSRYTGLSKGKL\*SNSHTLLCPSWFCDSKVQ\*\*DVQWVRTMHKCQHSTMYTWN\*ASSINSTAVKWQSSRRGGNT\*I\*QLLGQC\*NHNSTAE\*SCGN\*LYKTQ\*QYKKRFTYGTRESILYNKRYNRRYKTSTL\*H\*\*RQME\*YFKTSS\*KIKRTIWE\*\*KNNL\*FILRRGPRNCNAQF\*LWRGVFLL\*YNTTV\*YNMG\*\*Y\*SDK\*H\*RK\*NYHTPMQNKTNYKHVAGGRKSNVCPSHRRTN\*MFIKYYRATINKRWW\*\*W\*\*\*HKRDLQTWGRRYEGQLEK\*IV\*I\*SSKN\*TIGNSTHQGKEKSGAERKKSNRTRSDVHWVLGSGRKHYGRSVTDADGTGQTIIVWYSATAEQSAEGY\*GATTYVATHSLGHQTAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSDNNLG\*HDLDAVGKRN\*QLHRLNIHLT\*RIAEPTRKE\*TRFIGIR\*MGKFVELV\*HIKLAVVYKNIHNDNRRLGRVKNSFSCTFCSE\*S\*AGILTTIVSDPPPSTEGTRQARRNRRRRWRERQRQIRDI

>B.1995.KU678161.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VIYVMQALTISAIVALVVVAIIAIVVWAIVLIEYRKILRQRKIDRLIDRIIDRAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGACVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEKSNGRTDA\*RYNQFMGSKPKAMCKINPTLCYFKLY\*L\*REYY\*YQYY\*YH\*\*\*\*GKDGYRRSKKLLFQCHHKHKR\*GKERICIIL\*PGCSTNRKEK\*KL\*ADKL\*YLSYHTSLSKGIL\*ANSHTFLCPGWFCNSKM\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASGVNSTAAKWQSSRRRGSN\*I\*EFHEQC\*NYNSTAEQSCRN\*LYKTPRKGKKTYTYRTRESICCNKNNRKYKTSIL\*R\*\*YKME\*HFKTDSYSIKRTIWEWNNNSL\*SIHRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*YLG\*H\*RK\*H\*RKKYHTSMQNKANCKHVAGSRKSNVCPSH\*RTN\*MFIKYYRGAINKRWW\*\*GEQE\*\*WEQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKGGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLG\*HDLDAVGERN\*QLHRLNIHPN\*KFAKPTRKE\*TRIAGIR\*VGKLMELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRWL

>B.1995.KU678162.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VIYVMQALTVSAIVALVVVAIIAIVVWAIVLIEYRKILRQRKIDRLIDKIIDRAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRTIVGHSLLWGACVERSNHHSILCIGC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*NGRTDA\*RYNQFMGSKSKAMCKINPTLCYFTLH\*\*FGECY\*DH\*\*\*RGSY\*YR\*Y\*QGKDR\*RRNKKLLFQCYHKHKR\*GETRIYTF\*\*TGCSTNRR\*QY\*L\*ADKL\*YLSYHTSLSKGIL\*ANSHTFLCPGWFCDSKMQ\*\*EVQWNRTMYKCQHSTMYTWN\*ASGVNSTAAKWQSSRRRGSN\*I\*EYLEQC\*NYNSTAEQSCKN\*LYKTQQ\*YKKKYTYRTRESIFWNRHNRRYKTSTL\*H\*\*KRLE\*NSKTGSYSIKRTIWE\*HNSSL\*SIHRRGPRNCNAHF\*LCRGIFLL\*YNTTV\*\*YLVC\*\*YLE\*H\*RR\*H\*HTYHTSMQNKANYKHVAGSRKSNVCPSHRRKN\*MFIKYYRDAINKRWW\*\*WEQE\*\*\*EQD\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKGGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATAEQFAESY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LEQ\*ISK\*DLG\*HDLDAVGERN\*QLHRLNIHPN\*KFAKPTRKE\*TRIAGIR\*VGKLMELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRARQRQIRWL

>B.1995.KU678163.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VIYVMQALTVSAIVALVVVAIIAIVVWAIVLIEYRKILRQRKIDRLIDRIIDRAEDSGNESEGDQEELSALVEMGHHAPWDVNNL\*CYRTIVGHSLLWGACVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*NGRTDA\*RYNQFMGSKSKAMCKINPTLCYFTLH\*\*FGECY\*DH\*\*\*RGSY\*YR\*Y\*QGKDR\*RRNKKLLFQCYHKHKR\*GEERIYTFS\*TGCSTNRR\*QY\*L\*ADKL\*YLSYHTSLSKGIL\*ANSHTFLCPGWFCDSKMQ\*\*EFQWNRTLYKCQHSTMYTWN\*ASGINSTAAKWQSSRRRCSN\*I\*EYLEQC\*NYNSTAKQSCKN\*LYKTQQ\*YKKKYTYRTRESIFWNRHNRRYKTSTL\*H\*\*KRLE\*NSKTGSYSIKRTIWEQHNNSL\*SIHRRGPRNCNAHF\*LCRGIFLL\*YNTTV\*\*YLVC\*\*YLE\*H\*RK\*H\*HTYHTSMQNKANYKHVAGSRKSNVCPSNLRKD\*MFIKYYRDAINKRWW\*\*\*EQ\*\*SRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKGGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLG\*HDLDAVGEKN\*QLHRLNIHPN\*KFAKPTRKE\*TRIAGIR\*VGKLMELV\*HNKLVVVYKNIHNDSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRARQRQIRWL

>B.1995.KU678164.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VIYVMQALTISAIVALVVVAIIAIVVWAIVLIEYRKILRQRKIDRLIDRIIDRAEDSGNESEGDQEELSALVEMGHHAPWNVDDM\*CYRTIVGHSLLWGACVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*NGRTNA\*RYNQFMGSKPKAMCKINPTLCYFKLH\*\*FGEC\*\*DH\*\*\*WGNY\*HHY\*Q\*REKAR\*RTNRRNKKLLFQCYHKHKR\*GEKRICTLL\*TGFSTNR\*GQY\*L\*ADKL\*YLSYHTSLSKGIL\*ANSHTFLCPGWFCDSKM\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASGVNSTAAKWQSSRRRGSN\*I\*EYLKQC\*NYNSTAKQSCKN\*LYKTQQQYKKKYTYRTRESIFWNRHNRRYKKSIL\*R\*\*\*RLE\*NSKTGSYSIKRTIWG\*HNNSL\*SIHRRGPRNCNAHF\*LCRGIFLL\*YNTTV\*\*YLVC\*\*YLE\*H\*RK\*H\*HTYHTSMQNKANYKHVARSRKSNVCPSNLRKD\*MFIKYYRDAINKRWW\*\*\*EQ\*\*SRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKGGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISRQDLE\*HDLDGVGKRN\*QLHRLNIHPN\*RIAEPTRKE\*TRIIGIR\*VGKLVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRWL

>B.1995.KU678165.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VIYVMQALTVSAIVALVVVAIIAIVVWAIVLIEYRKILRQRKIDRLIDRIIDRAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGACVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*NGRTDA\*RYNQFMGSKPKAMCKINPTLCYFTLH\*\*FGECY\*DH\*\*\*RGSY\*YR\*Y\*QGKDR\*RRNKKLLFQCYHKHKR\*GEKRIYTF\*\*TGCSTNRR\*QY\*L\*ADKL\*YLSYHTSLSKGIL\*ANSHTFLCPGWFCDSKM\*\*\*AVQWNRTMYKCQHSTMYTWN\*ASGVNSIAAKWQSSRRKGNN\*I\*EFHEQC\*NYNSTAEQSCTN\*LYKAQQQYKKKYTYRTRESIFWNRHNRRYKTSIL\*H\*\*KRLE\*NSKTGSYSIKRTIWE\*HNNSL\*SIHRRGPRNCNAHF\*LCRGIFLL\*YNTTV\*\*YLVC\*\*YLE\*H\*RK\*H\*HTYHTSMQNKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRDAINKRWW\*\*\*EQE\*SRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKGGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPSCGKIPKGSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*ISK\*DLG\*HDLDAVGERN\*QLHRLNIHPN\*KFAKPTRKKMNKNCWN\*ISGQTYGIGLT\*QTGCGI\*KYS\*\*\*\*QA\*\*V\*E\*FLLCFL\*\*IELGRDIHHYRFRPISQPRGDPTGPKEPKKKVESKTETDPVA\*

>B.1995.KU678167.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VIYVMQALTVSAIVALVVVGIIAIVVWAIVLIEYRKILRQRKIDRLIDRIIDRAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGACVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*NGRTDA\*RYNQFMGSKSKAMCKINPTLCYFTLH\*\*FGECY\*DH\*\*\*RDSY\*YR\*Y\*QGKDR\*RRNKKLLFQCYHKHKR\*GEKRIYTF\*\*TGCSTNRR\*QY\*L\*ADKL\*YLSYHTSLSKGIL\*ANSHTFLCPGWFCDSKMQ\*\*EVQWNRTMYKCQHSTMYTWN\*ASGVNSTAAKWQSSRRRGSN\*I\*EYLKQC\*NYNSTAK\*SCKN\*LYKTQQ\*YKKKYTYRTRESIFWNRHNRRYKTSTL\*H\*\*KRLE\*NSKTGSYSIKRTIWE\*HNNSL\*SIHRRGPRNCNAHF\*LCRGIFLL\*YNTTV\*\*YLVC\*\*YLE\*H\*RK\*H\*HTYHTSMQNKANYKHVAGSRKSNVCPSNLRKD\*MFIKYYRDAINKRWW\*\*\*EQ\*\*SRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKGGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISK\*DLG\*HDLDAVGERN\*QLHRLNIHPN\*KFAKPTRKE\*TRIAGIR\*VGKLMELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRARQRQIRWL

>B.1995.KU678168.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VIYVMQALTVSAIVALVVVAIIAIVVWAIVLIEYRKILRQRKIDRLIDRIIDRAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRTIVGHSLLWGACVERSNHHSVLCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRGSIGKCDRKI\*HVEK\*HGRPDA\*RYNQFMGSKSKAMCKINPTLCYFTLH\*\*FGECY\*DH\*\*\*RGSY\*YR\*Y\*QGKDR\*RRNKKLLFQCYHKHKR\*GEERIYTFS\*TGCSTNRR\*QY\*L\*TDKL\*YLSYHTSLSKGIL\*ANSHTFLCPGWFCDSKMQ\*\*EVQWNRTMYKCQHSTMYTWN\*ASGVNSTAAKWQSSRRRGSN\*I\*EYLEQC\*NYNSTAEQSCKN\*LYKTQQ\*YKKKYTYRTRESIFWNRHNRRYKTSTL\*H\*\*KRLE\*NSKTGSYSIKRTIWE\*HNNSL\*SIHRRRPRNCNAHF\*LCRGIFLL\*YNTTV\*\*YLVC\*\*YLE\*H\*RK\*H\*HTYHTSMQNKANYKHVAGSRKSNVCPSNLRKN\*MFIKYNRDAINKRWW\*\*WEQE\*FRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKGGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISK\*DLG\*HDLDAVGERN\*QLHRLNIHPN\*KFAKPTRKE\*TRIAGIR\*VGKLMELV\*HNKLAVVYKNIHNDSRRLDRFKNSFFCAFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRAKQRQIRWL

>B.1995.KU678169.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VVNVMQALTISAIVALVVVAIIAIVVWAIVLIEYRKILRQRKIDRLIDRIIDRAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGACVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*NGRTDA\*RYNQFMGSKSKAMCKINPTLCYFTLH\*\*FGECY\*DH\*\*\*RGSY\*YR\*Y\*QGKDR\*RRNKKLLFQCYHKHKR\*GEKRIYTF\*\*TGCSTNRK\*QY\*L\*ANKL\*YLSYHTSLSKGIL\*ANSHTFLCPGWFCDSKMQ\*\*EVQWNRTMYKCQHSTMYTWN\*ASGINSTAAKWQSSRRRCSN\*I\*EYLEQC\*NYNSTAKQSCKN\*LYKTQQQYKKKYTYRTRESIFWNRHNRRYKTSTL\*H\*\*KRLE\*NSKTGSYSIKRTIWE\*HNNSL\*SIHRRRPRNCNAHF\*LCRGIFLL\*YNTTV\*\*YLVC\*\*YLE\*H\*RK\*H\*HTYHTSMQNKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRDAINKRWW\*\*\*E\*E\*SRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKGGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISK\*DLG\*HDLDAVGERN\*QLHRLNIHPN\*KFAKPTRKE\*TRIAGIR\*VGKLMELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRARQRQIRWL

>B.1995.KU678170.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VIYVMQALTISAIVALVVVGIIAIVVWAIVLIEYRKILRQRKIDRLIDRIIDRAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CYRTIVGHSLLWGACVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*NGRTDA\*RYNQFMGSKPKAMCKINPTLCYFKLY\*L\*REYY\*YQYY\*YH\*\*\*\*GKDGYRRSKKLLFQCHHKHKR\*GKERICIIL\*TGCSTNRSEK\*EL\*ADKL\*YLSYHTSLSKGIL\*ANSHTFLCPGWFCDSKM\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASGVNSTAAKWQSSRRRGSN\*I\*EFHEQC\*NYNSTAEQSCRN\*LYKTPQQGKKTYTYRTRENICCNKNNRKYKTSIL\*R\*\*YKME\*HFKTDSYSIKRTIWEWNNNSL\*SIHRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*YLG\*H\*RK\*H\*RKKYHTSMQNKANCKHVAGSRKSNVCPSHRRTN\*MFIKYYRGAINKRWW\*\*GEQE\*\*WEPHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKGGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLG\*HDLDAVGKRN\*QLHRLNIHPN\*KFAKPTGKE\*TRIAGIR\*VGKLMELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRARQRQIRWL

>B.1995.KU678171.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VIYVMQALTVSAIVALVVVAIIAIVVWAIVLIEYRKILRQRKIDRLIDRIIDRAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CYRTIVGHSLLWGACVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRPDA\*RYNQFMGSKSKAMCKINPTLCYFTLH\*\*FGECY\*DH\*\*\*RGSY\*YR\*Y\*QGKDR\*RRNKKLLFQCYHKHKR\*GEKRIYTF\*\*TGCSTNRR\*QY\*L\*ADKL\*YLSYHTSLSKGIL\*ANSHTFLCPGWFCDSKMQ\*\*EVQWNRTMYKCQHSTMYTWN\*ASGVNSTAAKWQSSRRRGSN\*I\*KYLEQC\*NYNSTAKQSCTN\*LYKTQQ\*YKKKYTYRTRESIFWNRHNRRYKTSTL\*H\*\*KRLE\*NSKTGSYSIKRTIWE\*HNNSL\*SIHRRGPRNCNAHF\*LCRGIFLL\*YNTTV\*\*YLVC\*\*YLE\*H\*RK\*H\*HTYHTSMQNKANYKHVAGSRKSNVCPSHRRKN\*MFIKYYRDAINKRWW\*\*\*EQ\*\*SRDLQTRRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKGGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLG\*HDLDAVGERN\*QLHRLNIHPN\*KFAKPTRKE\*TRIAGIR\*VGKLMELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCAFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRARQRQIRWL

>B.1995.KU678172.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VIYVMQALTISAIVALVVVAIIAIVVWAIVLIEYRKILRQRKIDRLIDRIIDRAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGACVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*NGRTDA\*RYNQFMGSKSKAMCKINPTLCYFTLH\*\*FGECY\*DH\*\*\*RGSY\*YR\*Y\*QGKDR\*RRNKKLLFQCYHKHKR\*GEKRIYTFS\*TGCSTNRR\*QY\*L\*ANKL\*YLSYHTSLSKGIL\*ANSHTFLCPGWFCDSKM\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASGINSTAAKWQSSRRKGSN\*I\*EYLEQC\*NYNSTAEQSCKN\*LYKTQQ\*YKKKYTYRTRESIFWNRHNRRYKTSTL\*H\*\*KRLE\*NSKTGSYSIKRTIWE\*HNNSL\*SIHRRRPRNCNAHF\*LCRGIFLL\*YNTTV\*\*YLVC\*\*YLE\*H\*RK\*H\*HTYHTSMQNKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRDAINKRWW\*\*\*EQE\*SRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKGGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISK\*DLG\*HDLDAVGERN\*QLHRLNIHPN\*KFAKPTRKE\*TRIAGIR\*VGKLMELV\*HNKLAVVYKNIHNDSRRLDRFKNSFFCAFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRARQRQIRWL

>B.1995.KU678173.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VIYVMQALTISAIVALVVVGIIAIVVWAIVLIEYRKILRQRKIDRLIDRIIDRAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CYKTIVGHSLLWGACVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*NGRTDA\*RYNQFMGSKPKAMCKINPTLCYFKLY\*L\*REYY\*YQYY\*YH\*\*\*\*GKDGYRRSKKLLFQCHHKHKR\*GKERICIIL\*TGCSTNRSEK\*EL\*ADKL\*YLSYHTSLSKGIL\*ANSHTFLCPGWFCDSKM\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASGVNSTAAKWQSSRRRGSN\*I\*EFHEQC\*NYNSTAEQSCRN\*LYKTPQQGKKTYTYRTRENICCNKNNRKYKTSIL\*R\*\*YKME\*HFKTDSYSIKRTIWEWNNNSL\*SIHRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*YLG\*H\*RK\*H\*RKKYHTSMQNKANCKHVAGSRKSNVCPSHRRTN\*MFIKYYRGAINKRWW\*\*GEQE\*\*WEPHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKGGAERKKSSGNRSFVPWVLGSSRKHYGHSVNDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSSGCGKIPKGSTAPRNLGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLG\*HDLDAVGKRN\*QLHRLNIHPN\*KFAKPTRKE\*TRIAGIR\*VGKLMELV\*HNKLAVVYKNIHNNSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRARQRQIRWL

>B.1995.KU678174.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VIYVMQALTVSAIVALVVVAIIAIVVWAIVLIEYRKILRQRKIDRLIDRIIDRAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRTIVGHSLLWGACVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRGSIGKCDRKI\*HVEK\*HGRPDA\*RYNQFMGSKSKAMCKINPTLCYFTLH\*\*FGECY\*DH\*\*\*RGSY\*YR\*Y\*QGKDR\*RRNKKLLFQCYHKHKR\*GKKRIYTF\*\*TGCSTNRR\*QY\*L\*ADKLQYLSYHTSLSKGIL\*ANSHTFLCPGWFCDSKM\*\*\*KVQWIRTMYKCQHSTMYTWN\*ASGVNSIAAKWQSSRRKGSN\*I\*EYLEQC\*NYNSTAEQSCKN\*LYKTQQ\*YKKKYTYRTRESIFWNRHNRRYKTSTL\*H\*\*KRLE\*NSKTGSYSIKRTIWE\*HNNSL\*SIHRRGPRNCNAHF\*LCRGIFLL\*YNTTI\*\*YLVC\*\*YLE\*H\*KK\*H\*HTYHTSMQNKANYKHVAGSRKSNVCPSNLRKD\*MFIKYNRAAINKRWW\*\*\*EQNRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKGGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISK\*DLG\*HDLDAVGERN\*QLHRLNIHPN\*KFAKPTRKE\*TRIAGIR\*VGKLMELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCVFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRARQRQIRWL

>B.1995.KU678177.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFIRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VIYVMQALTISAIVALVVVAIIAIVVWAIVLIEYRKILRQRKIDRLIDRIIDRAEDSGNESEGDQEELSALVEMGHHAPWNVDDM\*CYRTIVGHSLLWGACVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*NGRTNA\*RYNQFMGSKPKAMYKINPTLCYFKLH\*\*FGEC\*\*DH\*\*\*WGNYQHHY\*Q\*REKDR\*RTNRRNKKLLFQCYHKHKR\*GEKRICTLL\*TGFSTNR\*GQY\*L\*ADKL\*YLSYHTSLSKGIL\*ANSHTFLCPGWFCDSKM\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASGVNSTAAKWQSSRRRGSN\*I\*EYLKQC\*NYNSTAKQSCKN\*LYKTQQQYKKKYTYRTRESIFWNRHNRRYKKSIL\*H\*\*\*RLE\*NSKTGSYSIKRTIWG\*HNNSL\*SIHRRGPRNCNAHF\*LCRGIFLL\*YNTTV\*\*YLVC\*\*YLE\*H\*RK\*H\*HTYHTSMQNKANYKHVAGSRKSNVCPSHRRTN\*MFIKYYRDAINKRWW\*\*WEQE\*\*\*EQDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKGGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISRQDLE\*HDLDGVGKRN\*QLHRLNIHPN\*RIAEPTRKE\*TRIIGIR\*VGKLMELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCAFYSK\*S\*DELSQSQQQLGWEQHLETWKSMEQSQVAIQQ

>B.1995.KU678179.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VIYVMQALTVSAIVALVVVGIIAIVVWAIVLIEYRKILRQRKIDRLIDRIIDRAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGACVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*NGRTDA\*RYNQFMGSKPKAMCKINPTLCYFKLH\*\*FGECY\*DH\*\*\*WGNY\*YH\*Y\*QGKDR\*RRSKKLLFQCYHKHKR\*GKERICTLL\*TGFSTNR\*EK\*\*L\*ADKL\*YLSYHTSLSKGIL\*ANSHTFLCPGWFCDSKM\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASGVNSIAAKWQSSRRKGNN\*I\*EFHEQC\*NYNSTAEQSCTN\*LYKAQQQYKKKYTYRTRESIFWNRHNRRYKTSIL\*H\*\*KRLE\*NFSTGSYSIKRTIWE\*HNNSL\*SIHRRGPRNCNAHF\*LCRGIFLL\*YNTTV\*\*YLVC\*\*YLE\*H\*RK\*H\*HTYHTSMQNKANYKHVAGSRKSNVCPSNLRKD\*MFIKYYRDAINKRWW\*\*\*EQ\*\*SRDLQTWRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKKKGGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLG\*HDLDAVGERN\*QLHRLNIHPN\*KFAKPTRKE\*TRIAGIR\*VGKLMELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRARQRQIRWL

>B.2001.KU678191.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VIYVMQALTVSAIVALVVVAIIAIVVWAIVLIEYRKILRQRKIDRLIDRIIDRAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGACVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*NGRTDA\*RYNQFMGSKSKAMCKINPTLCYFTLH\*\*FGECY\*DH\*\*\*RGSY\*YR\*Y\*QGKDR\*RRNKKLLFQCYHKHKR\*GEERIYTFS\*TGCSTNRR\*QY\*L\*ADKL\*YLSYHTSLSKGIL\*ANSHTFLCPGWFCDSKMQ\*\*EVQWNRTMYKCQHSTMYTWN\*ASGVNSTAAKWQSSRRRGSN\*I\*EYLEQC\*NYNSTAEQSCKN\*LYKTQQ\*YKKKYTYRTRESIFWNRHNRRYKTSTL\*H\*\*KRLE\*NSKTGSYSIKRTIWE\*HNNSL\*SIHRRGPRNCNAHF\*LCRGIFLL\*YSTTV\*\*YLVC\*\*YLE\*H\*RK\*H\*HTYHTSMQNKANYKHVAGSRKSNVCPSNLRKD\*MFIKYYRDAINKRWW\*\*\*EQ\*\*SRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKGGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLG\*HDLDAVGERN\*QLHRLNIHPN\*NIAKPTRKE\*TRIAGIR\*VGKLMELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRARQRQIRWL

>B.2001.KU678192.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRPPQDSQTHQASLSKQ\*VIYVMQALTILAIVALVVVAIIAIVVWAIVLIEYRKILRQRKIDRLIDRIIDRAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGACVERSNNHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*NGRTDA\*RYNQFMGSKPKAMCKINPTLCYFKLH\*\*FGECY\*NH\*\*\*WGNY\*YH\*\*\*RGKDR\*RTNRRNKKLLFQGYHKHKR\*GEKRICTLL\*TGFSTNR\*GQY\*L\*ADEL\*YLSYHTSLSKGIL\*ANSHTFLCPGWFCDSKM\*\*\*EIQWNRTMYKCQHSTMYTWN\*ASGVNSTAAKWQSSRRRGSN\*I\*EYLEQC\*NYNSTAEQSCRN\*LYKTQQQYKKKYTYRTRESIFWNKHNRRYKTSIL\*H\*\*KRLE\*NSRTGSYSIKRTIWE\*HNNSL\*SIHRRGPRNCNAHF\*LCRGIFLL\*YNTTV\*\*YLE\*Y\*E\*H\*RK\*Q\*NNYHTSMQNKANYKHVAGSRKSNVCPSNLRKD\*MFIKYYRDAINKRWW\*\*\*EQ\*\*SRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKGGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISK\*DLG\*HDLDAVGERN\*QLHRLNIHPN\*KIAKPTRKE\*TRIAGIR\*VGKLMELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSK\*S\*AGIFTIIISDPPPNPEGTRQARRNRRRRWRARQRQIRWL

>B.2014.KU685583.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRASQDSQTHQVSLSKQ\*VVYVMISLTIAAIVALVVAGIXAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWVVNDM\*C\*RNVGHSLLWGTCVERSNNHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSTIGKCDRKF\*RVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCNFKVH\*LEEWY\*HQYY\*YPCF\*FH\*\*\*RGNDGGRRNKKLLFQYHHKDERKGTEGICTFL\*A\*CSTNEX\*\*\*\*L\*VNKL\*HLSHYTGLSKSNL\*TNSHTLLCPGWFCDSKV\*R\*EVQWNRTMYKC\*HSTMYTWN\*ASSXNSTTVKW\*SSRRRGNN\*I\*KFLRQC\*NHNSTAERSCKHYLYKTRQQYKEKYTYGTRESMVYNRRHNRRYKASTL\*P\*\*NKLD\*NIRTDS\*KIRRKIKE\*HNKNNF\*SLLRRGPRNCNTQC\*LCRGIFLLLYNKTV\*\*YLDLE\*DCW\*LDFK\*YCRK\*HNXTPMHNKTXXKHVAGSRKSNVCPSHHRTNYMLIKYYRAAINKRWW\*\*\*DQPNQQX\*DI\*TWRRRYEGQLEK\*TI\*I\*SSKN\*TTRNSTHQGKEESGAERKKSSGTRXYVPWVLGSSRKHYGRSVNNADGTS\*TIIVWYIATAXQFAEGY\*GATAPVATHSLGHQAAQGENPGCGKIPKGSTAPRNLGMLWKTHLHHCRALEC\*LE\*\*NPGGDLG\*HDLDAVGKGN\*QLHRLNIQLN\*RIAKPARKE\*TXVVSIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2014.KU685584.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPEDSQTHQASLSEQ\*VVHVMNPLTIASIVALVVAAIIAIVVWSIVLIEYRKILRQRKLDRLIDRIRERAEDSGNESDGDQEELATLVELGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNNYSILCIRC\*SI\*YRGTQCLGHTCLCTHRPQPTRNSIGKCDRRI\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHSKLHRYEEWYEEWY\*\*D\*\*\*PGWYLDEYYRGNEXLLFQCHXRHKR\*DTKRICXFL\*I\*FSKNR\*YY\*KLLVGKV\*HFSHYTSLSRGNL\*TNSHTLLCPGWLCDYKV\*\*XKFHGKRIM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQLIRQY\*KHNSTAERPCXHXLYKTWQQYQKKYXYRTRKSILCNRRNNRRYKTSTL\*Y\*SRKMD\*NFTTGSEKIKETF\*QNNNNL\*\*LLRRGSRN\*NAYF\*LCRGIFLL\*FNTTV\*\*YLE\*N\*Y\*EE\*YRY\*RQCYHHAPMQNKTNCKHVARGRKSNVCPSH\*RTN\*MFIKYYRADINK\*WWC\*CHKQQL\*XFXTWRRRYEGQLEK\*TI\*I\*SXTD\*TIRSXTHQGKXXSGAKRKKSSDRTRSCVPWVLGDSRKHYGRSVTDADGTSQAIIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGEIPTGSTAPGALGLHWETHLHHYCALEC\*LE\*\*ISKSDLG\*HDLDGMGKRD\*ELHRPHIHFN\*XLAKPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVHTNIHNDNRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQINNI

>B.2014.KU685585.-

MEPVDPRLEPWQHPGSQPRTACTNCYCKKCCFHCQVCFIRKALGISYGRKKRRQRRRSPQGSQTHQVSLPKQ\*VIHVMQSLQILAIVALIVAAIIAIVVWTIVLIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDIDDL\*CYRRLVGHSLLWGTCVERGKYRSILCIRC\*SI\*YRKT\*CLGHTCMCTHRPQPTRNGLGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKLKAMCKINSILCYFKLY\*PEK\*\*CPQY\*PGNERRNKKLLFQYHQKHGRQEGGICNFL\*I\*YSINRW\*G\*\*\*L\*VDKL\*HLSH\*TGLSKGIL\*ANSHTLLCPGWFCDFKV\*RERVQWKRTV\*KCQHSTVYTWN\*ASSVNSTVIKWQSSRRRDRN\*I\*KFHKQC\*IHNSAAE\*ICRN\*LYKTRQQYKKRLSYRTRANTLCNRTNNRRYKTGTL\*H\*WSRMEEDFTTDS\*KITRTIQK\*NNSL\*TILRRGPRSCNAYF\*LWGGIFLLQYITTV\*\*YLE\*\*WYPD\*\*YLV\*\*Y\*QH\*RNYHTPM\*NKTNYKHVAEGRKSNVCPSHQRIH\*LFIKYYRADLNKRWRC\*QQWERDLQTGRRRYEGQLEK\*IV\*IQSSTN\*TIRDSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSVNNADGTG\*TIIVWYSATAEQFAEGY\*GATTFVATHSLGHQAAPGKNPGCRKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISG\*DLG\*HDLDAVGKRN\*QLHKLHIHFN\*RIAETTRKE\*TRIIGIG\*VGKFVDLV\*HNKMAVVYKNIHNDSRRLDSFKNSFCCTFYSK\*S\*AGILTPIVADPLPSTAGTRQARRNRRRRWRERQRQIREI

>B.2014.KU685586.-

MEPVDPRLEPWRHPGSQPKTPCTTCYCKKCCFHCYLCFTTKGLGISYGRKKRRQRRRPPQGSQSHQVSLSKQ\*VIYVMQSLVXLAIVALIVAAILAIVVWSIVFIEYRRIRRQRKIDRLIDRISERAEDSGNESEGDQEELSALMEMGHDAPWVVNDL\*CYRKFVGHSLLWGTCVERNNHHFILCIRC\*RI\*HRGA\*CLGHARLCTHRPQPTRSSIGKCDRKF\*HVEKQHGRTNA\*GYNQFMGSKPKAMCKINPTLCYFRVQ\*F\*D\*\*CYAEXGERRNKKLLFQCHHSYXR\*EAEXTCTFL\*T\*FXTNRQ\*\*PQ\*\*\*\*\*\*V\*VXKV\*HLNRYTGLSKXDL\*TNPHTLLCPGWFCDSKM\*Q\*EIQWNRAMYKCQHSTXHTWN\*ANSINSTAVKWQSSKRRNSN\*I\*KFRQQCKNHNSTAERNSTN\*LYKTQQPYTKRYTYRTRKSIFCNRKNNRRYETDTL\*H\*\*NKME\*HFKPDS\*KIKRTIQRTIKK\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*HSTAI\*\*YLAX\*\*YLEHRWY\*KHKSPWRE\*HPHPPMQNKTNCKHVAGSRKSNVCPSH\*GTN\*MLIKYYRVVINKRWW\*\*\*YQ\*\*DRDLQTWGRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKKKSGAEREKSSGIRSFVPWVLGSSRKHYGRSVSDVDGTGQTIIVWYSATAEQXAEGY\*GATASVATHSLGHQTAPGKSPSCGKIPKGSTAPGNLGLLWKTHLHHFCALEYNLE\*\*ISRADLE\*HDMDAVGKRNR\*LHRLNILLN\*RIAKPXRKE\*TRIIRIGQMGKFVELV\*HNKXAVVYKNIHNDNRWLDRFKNSFYCTFHSE\*S\*AGVLTIIVSDPPPSSEGTRQARRNRRRRWRARQRQIHNL

>B.2014.KU685588.-

MEPVDPRLEPWKHPGSRPRTACNNCFCKRCCWHCQVCFISKGLGISYGRKKRRQRRRPHQDSQTDQVSLSKQ\*VVHVMTPLIILSIVALVVVAIIAIVVWSLVFIEYRKILRQRRIDRLIERIRERAEDSGNESEGDHEELLVEMGHDAPWDVDDL\*YCKTTRAIVGHSLLWGTCVERSSHHSILCIRC\*SI\*HRGT\*CLGHACLCTHRPQPTRSKFGQCNRKF\*YVEK\*HGRTNA\*GYNQFMGSKSKAMCKINPTLCYFTLH\*YN\*\*YN\*QYH\*YN\*QYHRGK\*YEKLLFQCHHGHKREETEKLCTF\*YP\*YSTNR\*\*NNK\*YRLYIDKL\*HLSHYTGLPKDKL\*TNSYTLLYPGWFCASKV\*\*EKLHWNRTM\*KCQYSTMYTWN\*ASSVNSTAVEWQSSRGRDSN\*I\*KFHEQC\*NHNSTTV\*TCNN\*LYKTQQQYKKECTYRTGGSNLCNRSHNRRYKKSIL\*H\*\*NKME\*HFRKNSWKIKGKI\*\*DHNNL\*ATLRRGPRNYNAHFQLWRGIFLL\*YNTTV\*QYLG\*\*YYTIK\*YQ\*HQ\*NYHTPLQNKTNYKHVAGSRKSNVCPSHRRTN\*LFIKYYRAAINKRWW\*\*Q\*GQ\*DL\*TCRRRYERQLEK\*II\*IQSNKN\*AIRSSTHQGKKESGAERKKSSGNDRSNVPWVLGGSRKHYGRSVDGADGTGQTIIVWYSAAAK\*LAESY\*GATAYVATHSLGHQAAPG\*SPGYRKIPKGSTAPGDLGLLWKTHLHHYCALEYQLE\*\*ITNPDLG\*HDLDGVGQRN\*QLHKPNIQFN\*RCAEPAXKE\*KRIIGIG\*VGQLVELV\*HNKVAMVYKNIYNDSSRFSRFKNNFCCAFYSK\*S\*AGILTIVISDPPPSPAGTRQARRNRRRRWRDRQRQIRSI

>B.2014.KU685589.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFTRKGLGILYGRKKRRQRRRPPQDSKTHQSPLPKQ\*VIHVMQSLQVVAIAALVIAAIIAIVVWTIVLIEYRKILRQRRIDRLIDRIXERAEDSGNESEGDQEELSALVEGGRDAPWVVDDL\*WCCRAVVGHSLLWGTCVERGNHNSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRLGKCDRNF\*CME\*\*HGRTDA\*RYYQLVGSKPKTMCKINPTLCYFKLH\*FYRE\*Y\*C\*\*Y\*CYC\*SPYRRNKKLLFQYHHRLNR\*EXERTCTFL\*T\*YRTNRWGWEQL\*LL\*L\*VDKL\*YLNHCTGLSKDNL\*ANSHTLLCPGWFCNSKV\*RQEVPGKRRM\*KGQYSTMHTWNQASSVNSTAVKWQSSRRRHSN\*ISKFLGQ\*ENHNSTTKGSCKN\*LYKTRQQYKKKHTYSTRESIVCNRRHNRRYKTSTL\*PQQNSLEYHVR\*DS\*KITSTI\*WNNNNKI\*ATQHRRGPRNCNAHF\*LWRGIFLL\*YITTV\*QYLG\*QYLE\*\*WKLK\*QHILK\*HHHTQV\*NKTNYKHVAESRKSNVCPSHQRKH\*LFIQYHRAALNKRWWQWQQYQQH\*GL\*T\*RRRYEGQLEK\*IIQIQSSKN\*TIRNSTHQGKKKSGAARKKSNNIWSYDPWFLGSSRKHYGRSVNSADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPTGSTAPRTLGLLGKTHLHHYCALEC\*LE\*\*ISG\*NLEQHDLATVGE\*N\*QLHRHNIQLN\*NIAKPAGKE\*TRIVGIG\*MGESVELV\*HNTMAVVYKNIHNDSRRFDRFKNSFCCTFYSE\*S\*AGLFTTVISDPPPNPEGTRRARRNRRRRWRTRQRQIRAI

>B.2014.KU685590.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFTKKGLGISYGRKKRRQRRRSPQDSQTNQASPPKQ\*VIHVMKPLHIAAIVALIVAAILAIVVWTIVLIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDIDDQ\*CCRQLVGHSLLWGTCVERGNYHSILCIRC\*SIRYRET\*CLGHTCLCAHRPQPTRSRLGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*LEK\*KELH\*Q\*\*\*CDNERRRRLKKLLFQYYHRNRRQEEEGACSFL\*T\*CNTNRR\*\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWNRTV\*KCQHSTMYTWN\*ASSVNSTVIKWQSSRRRGSN\*I\*KFHKQC\*IHISAAERTCRN\*LYKTRQQYKERHPFRTRANTLCNRTNNRRYKTSTL\*H\*YGKME\*YFTTGS\*KITRTIWE\*NNIL\*SILRRGPRSCNAQF\*LWGGVFLLQFITTV\*\*YLDKYKQ\*YWK\*\*HWRNYHTSL\*NKTNYKHVAEGRKSNVCPSHQRTNLVFIKYYRANLNKRWR\*\*Q\*\*NRDLQTGRRRYEGQLEK\*IIQIQGSKN\*TIRSSTHQGKEKSGAERKKSSGIRSFVPWVLGSSRKHYGRNVNDADGTG\*TIIVWYIATAKQFAEGY\*GATTFVATHILGHQAAPGKNPGCGKIPKGSTAPGNLGLLWKTHLHH\*CALEHYLE\*\*IPGSNLAQHDLDGVGKRN\*QLHKLNIHFN\*RIAKPTXKQ\*TPXIGIG\*LGKFVELV\*HNKLAVVYXIIHNDXRRLDRFKNSFYCTFYSE\*S\*AGILTSIVSDPPPSPAGTRQARRNRRRRWRERQRHIREI

>B.2014.KU685591.-

MDPVDPRLEPWKHPGSQPRTPCTKCYCKKCCFHCQVCFLKKGLGISHGRKKRRQRRRSPPNNQNHQVSLPKQ\*VVHVMQPLQIAAVAALVVVGIIAIVVWTIVLIEYRKILRQKRIDRLIERINERAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVEKCKYHSILCIRC\*SI\*YRGA\*CLGHTCLCTHGPQPTGSKFGKCDRGF\*PVEK\*HGRTNA\*RYNQFMGSKPKAMCKINPALCYFKLH\*FEE\*YHWEE\*CPGGNXTNGGRRNEKLFFXCHHNHKR\*DTERICTFF\*A\*CSTNRG\*EK\*DYQEY\*L\*VDKL\*HLIHYTGLSKGIL\*ANSHTLLCPGWFCDFKV\*\*\*EVQWNRTMFQCQHSTMHTWN\*ASSINSTAVKWQSSRRRGSN\*ISXSLGQC\*DHNSAAEGTCNN\*LYKAQQQYKKKYTYRTRESILCNRRHNRRYKTSTL\*H\*WRRLE\*SFKTDS\*TIKRAI\*\*\*NNSL\*SILRRGPRNYNAHF\*LCRRIFLL\*YITTV\*\*YLE\*X\*MF\*CKRYRQKYHTHTAM\*NKTNYKHVAGSRKGNVCPSN\*GTNHMFIKYYXAAINRRWWKQQHYQRHRDFRTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAEREKSSNRSFVPWVLGSSXKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCRKIPTGSTAPGDLGLLWKTHLHHCCALE\*\*LE\*\*NS\*LHLE\*HDLDAMGKRNRQLHRLNILLT\*KIAKPTRKE\*TRIIGIG\*VGKSVELV\*HNILAVVYKNIHNDSRRLDRFKNSFCCTFYSK\*S\*AGILTIIVADPPPNPEGTRQARRNRRRRWRRRQRQIHSI

>B.2013.KU724103.-

MEPVDPRLEPWKHPGSRPSTPCNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQGGPPHQTDIPKQ\*VIYVMQPLTXLTIVALVVAAIIAIVVWTIVFIEYRKIRKQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVDMGHDAXWVVNDL\*C\*RRKVVGHSLLWGTCVERCNXHFILCIRC\*SI\*HRDT\*CLGHTCLCTHRP\*PTRGSNGKCDRKF\*HVEK\*HGRADA\*GCN\*FMG\*KPKTMCEINPTLCYFKLH\*LYFKLH\*\*ELHSDL\*\*\*FGHNGERNEELLFRYHLRNKR\*GAKRPCTF\*\*N\*YSTNR\*\*\*\*Q\*LYVDKL\*HISHYTDLSKDIL\*TNSNTLLYPGWLCASKV\*\*\*DVQWNRTMYKCQHSTMYTWN\*ANSDNSTAVKWQFSRRRDSN\*I\*KFL\*\*C\*NHNSTAK\*NYRN\*LYKTKQQYKKKYKYRTRESIICNRKNNRKYKTSTL\*H\*CRKMEQHFETGSYKIKRTT\*KYK\*NNSL\*FILRRGPRNCNARI\*LWRGIFLL\*YNKAV\*\*YFTD\*\*YLE\*XLAKGRF\*WHRSHHTPMQNKTNNKQVAGSRKSNVCPSHRGTY\*MFIKYYRAAINKRWWYGVREQRV\*NLQTRGRRHERQLEK\*II\*I\*SSKNRAIRNSTFQGKENSDAERKKSSGNTRSYVHWVLGSSRKHYGRSVSHADGTGQTIAVWYSATAEQFAESC\*GATTHVATHSLGHQAAPGKSPSCGKIPKGXTAPRXLGLLWKTHLRHYCALEC\*LE\*\*IL\*\*HLG\*YDXDAVGERN\*QLHRLNIHFT\*TIAXPARKE\*TRIIGIG\*VGKFVDLA\*PIKVDGVYKNIHNDSRRLNRFKNSLCCTFYSE\*S\*EGILTIVIPDPPPSSEGTRQARRNRRRRWRQRQRQLNSI

>B.2013.KU724104.-

MEPVDPRLEPWKHPGSQPSTPCNNCYCKKCCLHCQVCFTKKGLGISYGRKKRGQRRRAHQDSPPDQATLSKQ\*VVYVMQSLTILAIVALVVAAILXIIVWTIVYIEYQKIKKQRKIDRLIDRIRERAEDSGNDSEGDQEELSTLVDMGHNALWNVNDL\*C\*KQFVGHSLLWGTCVERSNYHFILCIRC\*SI\*LRGT\*CLGYTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*YGKADA\*GCNQFMG\*KPKAMCKINTTLXYFKLH\*YL\*EYH\*NQ\*\*\*\*\*\*RY\*V\*DATGRTKELLFQYHHTNRKEREKRPCNF\*\*T\*CSTNRK\*\*Q\*LYVDKL\*HLSHQADLSKGIL\*TNSHTLLYPSWFCNXKV\*\*\*GVQWNRTM\*KCQHSTMYTWN\*ANSVNSITVKWQSSRRRDIN\*ISEFLRQC\*KHNSTAK\*NCTN\*LYKTQQQYKKECTYGSGGSIICNRGHNRKYKTSILYX\*CXKME\*NFKKXSYKIKRTIRKNRTSE\*NNSL\*PIRRRGPRNCNAHTKLWRGIFLL\*YNRAI\*\*YFD\*WNXVVI\*WXR\*HHTPLQNKTNYKQVAGSRKSNVCPSHQWTN\*LFIKYYRININKRWR\*QYRESIY\*NLQTWGRGYEGQLEK\*II\*I\*SSTN\*ANRISTHQGKEKSGAERKKSSDIRSYVPWVLGSSRKHYGRSVSHADGTGQTITVWYSATAEQFAESY\*GATAYVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLWKAHLHHCCTLEY\*LE\*\*N\*GSDLE\*HDLDTVGERN\*QLHRLNIWPT\*KIADPARKE\*KRLIGIG\*VDKFVELV\*HIKLAVVYKNIHNDSRRLNRFKNYFYCTFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRHIHSL

>B.2013.KU724105.-

MEPVDPRLEPWQHPGSQPKTPCTNCYCKKCCYHCQACFITKGLGISYGRKKRRQRRRAPPDSPPDQASLSKQ\*VVHVMQPLTILAIVALVVAAILAIVVWTIVLIQYRKIRRQRKIDKIIERIRQRAEDSGNESEGDQEELSALVDMGHDVPVGHDAPWNINDL\*C\*QFVGHSLLWGTCVERCKNHLILCIRC\*RI\*NRGT\*CLGHTCLCTHRP\*PTRSIIDKCDRKF\*YVEK\*HGRTDAGGCNQFMG\*KPKAMCKINPTLCHFKLH\*C\*YYQ\*C\*\*YQ\*Y\*KCH\*N\*LGRYE\*RNKKLHFQCNHTHEQ\*GAKTTGTF\*\*T\*CSTNR\*\*SLYIYVDKL\*YLSHYTGLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*DIQWNRTM\*KCQYSTMYTWN\*ASSVNSTAVKWQSSRRYSS\*I\*KFHKQC\*NHNSTAERSYNNELYKTQQQYKKEYTISRGEIIICNRRNNRRYKTSTL\*CQYKSVEXNFRKGS\*KIKRPI\*T\*E\*DNSL\*LILRRGSRNCNAHT\*LWRGIFLL\*YIRTV\*LYFV\*\*WYLERGY\*QKCHHTPMQNKTNYKQVAGSRKSNVCPSHQGTN\*LYIKYYRAAINKRWW\*\*WYWVQKWERNLQTWRGKYERQLEK\*II\*I\*SSKN\*ATRNSPHHGKEKSGAERKKSSGNIRSYVPRVLGSSRKHYGRSVADADGTGQTITVWYSATAEQSAESY\*GATAYVATHSLGHQAAPGKSPRCGKIPKGSTAPRDLGLLWKTHLHH\*CALEC\*LE\*\*IHRGDLEQYDLDAVGERN\*QLHRSNIHFT\*KIAEPARKE\*TRIIGIG\*MGKFVDLV\*HIKLAVVYKNIHNDSRRLNRFKNSFYCIFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQINSI

>B.2013.KU749387.-

MEPVDPRLEPWKHPGSQPKTACTKCFCKRCCFHCQVCFITKGLGISYGRKKRRQRRRPHQDSQTHQGALSKQ\*VVHVMQPLQILAIVALIVAGIIAIIVWSIVFIEYRKILKQRRIDRLIDRIRERAEDSGNESEGDQEELLMEMGHLEMGHHAPWDVDDL\*CKRKNMGHSLLWGTCVEGSNHHSILCIRCQSI\*HRGT\*CLGHTCLCTHRP\*PTRSNIGECDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINPTLCYLKLH\*S\*SECYY\*\*Y\*E\*\*\*YGK\*\*YGRGRSRNEKLLFQYNHKQ\*DEERTCTFS\*P\*YSKNR\*Y\*L\*VDKL\*HLSNYTSLSKGIL\*ANSHTLLYPGWFCDSKV\*R\*KIQWNRAM\*ECQHSTMYTWN\*ASSVYSTAVKWQFSRRRDSN\*I\*KFLK\*C\*NHNSTANQTCGNQLYKTQQQYKKKYTYRTRKRILYNRRHNRRYKTSTL\*C\*WRTME\*HFRADS\*KINRTI\*\*NNSLYSTLRRGPRNCIAQF\*LWRGIFLL\*YNKAV\*QYLAV\*RYSE\*Y\*RVK\*NYHTPMQNQTNYKQVAGSRKSNVCPSHQRNN\*MFIKYYRAVINKRWWAN\*RYKRHRNLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLRSSRKHYGRSVIDADGTGQTTIVWYSATAKQFAESY\*GATAYVATHSLGHQTAPGKSPVY\*KVPKGSTAPGNLGMLWKTHLHHCCALEC\*LE\*\*NPGSDLE\*HDLDGVGKRN\*\*LHRLNI\*LN\*KIAKPTRKE\*TRTIGIGRMGKLVELV\*HNKMAVVYKNIHNGSRRLGRFKNNFCCAFYSK\*S\*AGVLTIVISDPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2009.KU749389.-

MEPIDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPENSQTHQDSLSKQ\*VVHVMQPLVILGIVALVVAAIIAIIVWSIVLIEYKKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*GYR\*LVGHSLLWGTCVERSNHYSILCIRC\*II\*QRGT\*CLGHTCLCTHRPQPTRSRIGKCDRIF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*L\*WY\*Y\*YH\*\*CH\*YHQHCLPQCCH\*\*DRETRNEKLLFQCHRRHKR\*DKKRICSFL\*T\*CRANK\*\*\*YQL\*IDKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*DVQWKRTM\*KCQHSTMYTWN\*ASSLNSTAVKWQFSRRRGNN\*I\*KFHKQCQNYNSTAE\*ICNN\*LYKTQQQYKKRYTFRTRECISCTPKSNRRYKESIL\*H\*\*SRME\*NFRTNSKKIKRTI\*E\*NNSL\*PILRRGPRNCNAQF\*LWRGIFLL\*HNKTV\*\*\*LAS\*WFSKYNCRRPYQTPMQN\*TNCKHVAESRKSNVCPSHRRTD\*MFIKYYRTAISKRWW\*WW\*\*HKHDRDLQT\*RRKYEGQLEK\*II\*I\*SSKN\*TLRNSTHQGKEKSGAERKKSIGIRSVVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQLAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGPTAPRNLGLLWKTHLHHYCALEC\*LE\*\*ISGRYLGQHDLDGLGKRN\*\*LHRHNILFA\*KIAKPTRKE\*TRFIGTR\*MGKFMELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRRIREI

>B.2010.KU749390.-

MEPVDPRLEPWQHPGSQPRTACTTCYCKKCCYHCQACFLTKGLGISYGRKKRRQRRRTPQGSKTHQDSLPKQ\*VARVMQTLIIASIVALVVVAIIAIAVWSVVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELLEMGHLAPWDVNDL\*CYR\*IVGHSLLWGTCVERSNHHSILCIRC\*SL\*YRSAQCLGHTCLCAHRPQPTRSKIGKCDRKL\*CVEK\*HGRPDA\*GYNQFMGPKPKAMCKINSTLCYFKLH\*SEC\*\*YR\*WPECY\*CH\*\*\*SYLGGDSKRRSKKLLFQCHHSH\*R\*GEERI\*KGEERICIFL\*S\*CSTNN\*EC\*\*\*EL\*VGKL\*HLSHYTGLSKDIL\*SNSHTLLCPGWFCDSKV\*Q\*DIRWKRTM\*QCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGST\*I\*KFHGKY\*NHNSAAGNACKN\*LYKAQQ\*YKKKYTHRTRESILWNRNNRRYKTSTLQH\*\*S\*LE\*YFKKGS\*\*IKRKI\*K\*NNNL\*EFLRRGPRDCNAQL\*LWRGIFLL\*YNTIV\*QYLECYWEWYYRGR\*R\*HHTPMQNKTNYKHVAGSRKSNVCPSHQRRN\*MFIKYYRAAINKRWW\*\*\*VQY\*\*DL\*TWRRRYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAKRKKSSGNRSFVPWVLGSSRKHYGRSVHDADGTGQTITVWYSATAEQFAESY\*GATAPVATHSLGHQTAPGKTPGCGKIPNGSTAPRDLGLLWKTHLHH\*CALEC\*LE\*\*NL\*\*NLAEHDLEGLGKRN\*QLHRINI\*LT\*KIAKPTRKE\*TRIIGIG\*MGKFVELV\*YNTLAVVYKNIYNGSRGLDRLKNSFYCTFYSE\*S\*AGILTFIVSDPLPSPKGNRQARRNRRRRWRRRQRQIQDI

>B.1993.KU869532.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCLHCQVCFIKKGLGISYGRKKRKQRRRAPQDNKSHQVSLSKQ\*VIHVMQSLEILSIVALVVVTIIAIVVWSIVFIEYRKIRRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRRIVGHSLLWGTCVERSRHHPILCIRC\*SI\*HRGT\*CLGYTCLCTHRPQPTRGSIGKCDRKF\*HVEE\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFEL\*\*FEE\*Y\*YH\*Q\*WGSDGGRRNEKLLFQCYHKHKK\*DAERICSFL\*T\*CSANR\*YKLYVDTL\*HLSHYTGLSKGIL\*TNSHTLLYPGWFCDSTV\*\*\*EVQWNRTMYKRQHSTMYTWN\*ASSINSTAIKWQSSRRRGSN\*I\*KFHGQC\*NHNSTAERICRN\*LYKTQQQYKKKYTYRTRENILCNRRYNRRYKTSTL\*HQ\*SKMGKHFRTASYKIKRTIWE\*NNNSL\*SILRRGPRDCNAQFYLWRGIFLL\*YNKTV\*\*YLE\*E\*Y\*KVK\*N\*NYHTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWGD\*EQRD\*EQQDRDLQTWGRKYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAKRKKSSGNDRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*YLG\*HDLDGVGQRN\*QLHKLNIHLT\*RIAEPTRKE\*TGIIGIG\*MGKFVELV\*HITMAVVYKNIHNDSRRLGRFKNNFFCTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSL

>B.1993.KU869547.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDNKNHQVSLSKQ\*VIHVMQSLEILAIVALVVAAIIAIVVWTIVLIEYKKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLAPWDVDDL\*CCRGIVGHSLLWGTCVERSRHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRGSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYLEL\*\*FE\*\*CYYQ\*Q\*\*ESDGGRRNDKLLFQCYHKHKK\*GAERICSFL\*T\*CSTNR\*YKLYVDTL\*LLSHYTGLSKGIL\*TNSHTLLYPGWFCDSTV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGNN\*I\*KFHEQC\*NHNSTAERICRN\*LYKTQQQYKKKYKYRTRENILCNRRNNRRYKTSTL\*H\*\*SKME\*HFKTASYKIKRTIWE\*NNSL\*SILRRGPRDCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*Y\*RV\*\*\*Y\*RVK\*NYHTPMQNKTNYKQMAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWGE\*EQRG\*DLQTWGRKYEGQLEK\*II\*I\*SSKN\*AIRDSTHPGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVDDADGTGQTIIVWYSATAE\*SAKSY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*YLG\*YDLDGVGQRN\*QLHKLNIHLT\*RIAEPTRKE\*TGIIGIG\*MGKFVELV\*HITLAVVYKNIHNDSRRLGRFKNNFFCTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSL

>B.2002.KU869550.-

MEPVDPRLEPWKHPGSQPKIPCTKCFCKKCRLHCQVCFITKGLGISYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIHVMQSLEIYSIVALVVVGIIAIVVWSIVLIEYRKILKQRKIDRLIERIRERAEDSGNESDGDQDELSALLEMGPHAPRDVDDL\*CYRRIVGHSLLWGTCVERCKNHPILCIRC\*SI\*HRGT\*CLGHTCLCTRRPQSTRGRLEKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINSTLCYSGL\*P\*CDWY\*YH\*QWC\*YH\*YYSYYSH\*Q\*\*RRHEELLFQCYHKHRK\*VADRICSFL\*T\*CSTNR\*G\*YKQ\*\*\*\*KLYIDTL\*LLSRYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*AVQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*KFHGQC\*NHNSTAERICRN\*LYKTQQQYKKKYTFWTRENILCNRGHNRRYKTSTL\*H\*\*RKMGQHFKTDSYKIKRTIWE\*NNSL\*SILRRGPRDCNAQFYLWRGIFLL\*YNKTV\*\*YLE\*Y\*RPK\*WNQ\*KYHTPMQNKTNYQQVAGSRKGNVCPSHRRNN\*MFIKYYRTAINKRWGE\*\*EWDQWE\*DLQTWGRKYEGQLEK\*II\*I\*SSKN\*AIGDSTHRGKEKSGAERKKSSGSARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKNPGCGEIPRGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*DLG\*HDLDGVGQRN\*QLHRLNIQLT\*RIAEPARKE\*TGIIGTG\*VGKFVELVGHNKMAVVYKNIHNDSRRLGRFKNNFFCTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSI

>B.2011.KU869551.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRAPQDNKDHQVSLSKQ\*VIHVMNSLEIYSIVALVVVGLIAIVVWSIVLIEYRKILKQRKIDRLIERIRERAEDSGNESEGDQDELSALLEMGNHAPRDVDDL\*CYRRIVGHSLLWGTCVERCKNHPILCIRC\*SI\*HRGT\*CLGHTCLCTRRPQSTRGRLEKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKLKAMCKINSTLCYFEL\*P\*CDWY\*CH\*RWC\*CQ\*S\*LHCHSYSH\*Q\*\*RRHEELLFQCYHRHRK\*AAERICSFL\*T\*CSTNR\*\*\*YKQ\*CKP\*W\*\*KLYIGTLELLNCYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*EVQWNRTM\*KCQHSTMHTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAERNCSN\*LYKTQQQYKKKYTYGTRENILCNRGHNRKYKTSTL\*H\*\*RKME\*NFKPDSYKIKRTIWEE\*HKTNNLCPILRRGPRDYNAQFYLWRGIFLL\*YDRPV\*\*YLVWE\*DCE\*Y\*QWKYQTPMQNKTNYKRVAGSRKGNVCPSHRRNN\*MFIKYYRASISKRWGDGIQE\*\*DLQTWGRKYEGQLEK\*II\*I\*SSKN\*AIRDSTHRGKEKSGAERKKSSGSARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKNPGCGEIPRGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*DLG\*HDLDGVGQRN\*QLHRLNIQLT\*RIAEPARKE\*TGIIGTG\*VGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNNFFCTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSL

>B.2011.KU869552.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRAPQDNKDHQVSLSKQ\*VIHVMNSLEIYSIVALVVVGLIAIVVWSIVLIEYRKILKQRKIDRLIERIRERAEDSGNESEGDQDELSALLEMGNHAPRDVDDL\*CYRRIVGHSLLWGTCVERCKNHPILCIRC\*SI\*HRGT\*CLGHTCLCTRRPQSTRGRLEKCDRKF\*HVEK\*HGRPDA\*GYNQFMGSKLKAMCKINSTLCYFEL\*P\*CDWY\*CH\*RWC\*CQ\*S\*LHCHSYSH\*Q\*\*RRHEELLFQCYHRHRK\*AAERICSFL\*T\*CSTNR\*\*\*YKQ\*CKQ\*\*\*\*KLYIDTL\*LLSCYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*EVQWNRTM\*KCQHSTMHTWN\*ASSINSTAVKWQSSRRRDNN\*I\*KFLEQC\*NHNSTAERNCSN\*LYKTQQQYKKKYTYGTRENILCNRGHNRKYKTSTLQH\*\*RKME\*NFKPDSYKIKRTIWEAKYNLCPILRRGPRNYNAQFYLWRGVFLL\*YNKPV\*\*YLGWE\*DCE\*D\*QWKYHTPMQNKTNYKQVAGSRKGNVCPSHRRNN\*MFIKYYRASTNKRWGE\*\*DQ\*DLQTWGRKYEGQLEK\*II\*IQSSKN\*AIGDSTHRGKEKSGAERKKSSGSARSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSSGHQAAPGKTPGCGKIPRGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*DLG\*HDLDGVGQRN\*\*LHRLNIHLA\*GIAEPARKE\*TGIIGTGQVGKFMELVGHNKMAVVYKNIHNDSRRLDRFKNNFFCTLYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSL

>B.-.KU869555.-

MEPVDPKLEPWRHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDNKSHQVSLSKQ\*VIHVMQPLEILAIVALVVAAIIAIVVWSIVFIEIKKILKQKKIDRLINKIRERAEDSGNESEGDQEKLSALVVEMGHHAPWDVDDL\*CYRRIVGHSLLWGTCVERSNHHPILCIRC\*ST\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKSKAMCKINSTLCYFKL\*QFE\*\*\*YFEKYY\*YQYY\*YH\*Q\*YSRGGKRNDKLLFQCYHKHKK\*GAKRICSFL\*T\*CSSNR\*YKPYVDTL\*FLSHYTGLSKGIL\*TNSHTLLYPGWFCDSTM\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINPTTVKWQSSRRRDSN\*I\*KFLGQC\*NHNSAAERICRN\*LYKTQQQYKKKYRFRTRENILCNRRYNRKYKTSTL\*H\*\*SKMEQHFKTASYKIRRTIWE\*DNSL\*AILRRGPRDCNAQF\*LWRGIFLL\*YNKTVR\*YLE\*YWRVA\*\*\*WE\*Y\*QWNYHTPMQNNSNYEQVAGSRKSYVCPSHCRNKYMFIKYYRAAIN\*RWGE\*QQD\*QDY\*DLQTWRRKYERLLEKCII\*ICSSIN\*AIKDSTYRGKEKSGAERKKSSGSDRSYVPWVLGSSRKHYGRSVADADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*NLG\*HDLDGVGQRN\*QLHKLNILLT\*RIAEPTRKK\*TGLIEIGFMGKFVELV\*HITMAVVYKNIHNDSRGLDRFKNNFVCTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSI

>B.2003.KU869562.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSKNHQVSLSKQ\*VIHVMQSLVILAIVALVVTGIIAIVVWSIVLIEYRKILKQRRIDRLINRIRERAEDSGNESEGDQEELSALVVEMGHDAPWDVDDL\*CYRRVVGHSLLWGTCVERRKHHPILCIRC\*SI\*HRGT\*CLGHTCLCTRRPQPTRGRIGKCDRRF\*HVEKQHGRTDA\*GYNQFMGSKPKALCKNNSTLCYFEL\*\*L\*A\*\*Y\*CH\*Q\*C\*Q\*Q\*\*YYYQ\*Q\*CGRDGTKRMLFQCCHKHRK\*GAERICSF\*\*I\*CRTNR\*\*K\*\*KHEYFDTL\*LLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKM\*\*\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRNSN\*I\*KFHEQC\*NHNSTAERICKNYL\*ETQQN\*KKKDTYRTRESILCNKSNRRRDETSIL\*P\*\*SRVEQHFKTDSYKIKRTI\*E\*NNSL\*SILRRGPRDCNAQF\*LWRGIFLL\*YNKTV\*\*YLE\*DCRIKQYLE\*YWDKYHTPVQNKTNYKQVAGSRKSNVCPSHRRNN\*MYIKYYRAAINKRWGERD\*GEQRD\*DLQTWGRRYEGQLEK\*II\*I\*SSKN\*TIRDSTHRCKEESGAERKKSSGSDRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGH\*AAPGKSPGCGKIPL\*STAPGDVGMLWKAHLHH\*CALEY\*LE\*\*ISE\*YLG\*HDLEGVGQRN\*QIHKLNIHLT\*RIADPTRKK\*TGIIEIR\*MGKFVELVWHIKLAVVYKTLHNDSRRLGRFKNNCFCIFYSE\*S\*AGILTIIISDPLPKPEGTRQARRNRRRRWRKRQRWIRSL

>B.2003.KU869563.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSKNHQVSLSKQ\*VIHVMQSLVILAIVALVVTGIIAIVVWSIVLIEYRKILKQRKIDRLINRIRERAEDSGNESEGDQEELSALVVEMGHDAPWDVDDL\*CYRRVVGHSLLWGTCVERRKHHPILCIRC\*SI\*HRGT\*CLGHTCLCTCRPQPTRGRIGKCDRRF\*HVEKQHGRTDA\*GYNQFMGSKPKALCKNNSTLCYFEL\*\*L\*A\*\*Y\*CH\*Q\*C\*Q\*Q\*\*YYYQ\*Q\*CRRDGTKRMLFQCCHKHRK\*GAERICSF\*\*I\*CRTNR\*EN\*\*KHEDFDTL\*LLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKM\*\*\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KFHEQC\*NHNSTAERICKNYL\*ETQQN\*KKKDTYRTRESILCNKSNRRRDETSIL\*P\*\*SRVEQHFKTDSYNIKRTI\*E\*NNSL\*SILRRGPRDCNAQF\*LWRGIFLL\*YNTAV\*\*YLEY\*RIKQYLE\*YWDKYHTPVQNKTNYKQVAGSRKSNVCPSHRRIN\*MYIKYYRAAINKRWGERD\*GEQRD\*DLQTWGRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHRCKEESGAERKKSSGSDRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGH\*AAPGKSPGCGKIPI\*STAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*YLG\*HDLDGVGQRN\*QIHKLNIHLT\*RIADPTRKE\*TGIIEIGYMGKFVELVCYIKLAVVYKTLHNDSRRLGRFKNNCICTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSL

>B.1993.KU869581.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQACFITKGLGIYYGRKKRRQRRRAPQDNKTHQASLSKQ\*VIHVMQPLTILAIVALVVAIIIAIVVWSIVFIEYKKIRRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLALWNVDDL\*CCRRRVGSSILWGTCVERSNHHPILCIRC\*SI\*HREA\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKNNPTLCYFEL\*\*FEE\*D\*YQ\*\*\*\*ESDGGRRNKKLLFQCYRKHKK\*GAERICSFL\*T\*CSTNRLYKLYVDKL\*LLSHYTGLSKGIL\*TNSHTLLYPGWFCDSTV\*\*\*EIQWNRTMFKCQHSTMYTWN\*ASSINSTTVKWQSSKRRDSN\*I\*KFHGQC\*NHNSTAERICRN\*LYKTQQQYKKKYTYRTREYILCNRRHNRKYKTSIL\*Y\*WRKMERHFKTASYKIKRTIWE\*NNSL\*SILRRGPRDCNAQL\*LWRGIFLL\*YNTTV\*\*YLEYY\*RVK\*N\*\*K\*QNYHTPMQNKTNYKQVAGSRKSDVCPSHQRTNYMFIKYYRAAINKRWGE\*EQRD\*DLQTWGRRHEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAKRKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*YLG\*HDLDGMGQRN\*QLHRLNIHLT\*RIAEPTRKE\*TGIIGIR\*MGKFVELV\*HITLAVVHKNLHNDSRRLGRFKNNFFCTFYSE\*S\*AGILTIVVSDPPPKPEGTPQARRNRRRRWRRRQRWIRSL

>B.1993.KU869582.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIHVMQSLEILAIVGLVVAAIIAMVVWSIVLIEYKKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCSRRIVGHSLLWGTCVERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKL\*\*FEE\*Y\*CQ\*\*\*FD\*YQ\*Y\*\*ESDGGRRNEKLLFQCYHKHNR\*GEERICSFL\*T\*CSTNRLYKLYIDQL\*HLSHYTGLSKGIL\*TNSHTLLYPGWFCDSTV\*\*\*EVQWNRTMFKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHGQC\*NHNSTAERICRN\*LYKTQQQYKKKYKSRTRENILCNRRHNRRYKTSTL\*H\*YNKME\*HFKAASYKIKRTIWE\*NNSL\*SILRRGPRDCNAQC\*LWRGIFLL\*YNTTV\*\*YLELG\*WYLECY\*RVK\*N\*KR\*HTYPPMQNKTNYKQVAGSRKSDVCPSHQRTN\*MFIKYYRAAINKRWGEGKQRD\*DLQTWGRRYEGQLEK\*II\*I\*GSKN\*TIRDSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNDADGTGQTIVVWYSATAE\*FDESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*YLG\*HDLDGVGQRN\*QLHKLNIHLT\*RIAEPARKE\*TGIIGIG\*MGKFVELV\*HITLAVVYKNIHNDSRRLGRFKNNFFCTFYSK\*S\*AGIFTIIVSDPPPKPEGTRQARRNRRRRWRRRQGWIRSL

>B.1992.KU869584.-

MEPVDPRLEPWKHPGSQPRTPCTKCYCKKCCLHCQVCFLTKGLGISYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIHVMQSLEILAIVALVVATIIAIVVWSIVLIEYKKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRRIVGHSLLWGTCVERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRADA\*GYNQFMGSKPKAMCKINSTLCYFEL\*\*FEE\*Y\*YQ\*\*\*\*GSGGGRRNEKLLFQCYHKYRK\*GAERICSFL\*T\*CSTNR\*YKLYVDKL\*HLSHYTGLSKGIL\*TNSHTLLYPGWFCDSTV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSINSAAVKWQSSRRRNSN\*I\*KFHGQY\*NHNSTAERICRN\*LYKTQQQYKKKYKYRTRENILCNRRHNRRYKTSTL\*H\*WRKMEKHFKPASYKIKRTIWE\*NNSL\*SILRRGPRDCNAQL\*LWRGIFLL\*YNTTV\*\*YLEWY\*RVKK\*QK\*HTYHTPMQNKTNYKQVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKRWGE\*EQRD\*DLQTWGRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAESY\*GATTSVATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISGGYLE\*HDLDGVGQRN\*QLHKLNIHIT\*RIAEPTREE\*TGIIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNNFFCTFYSE\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRRRQRWIRSL

>B.1993.KU869585.-

MEPVDPSLEPWKHPGSQPKTPCTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDNKSHQVPLSKQ\*VIHVMQSLEILAIVALVVAIIIAIVVWTIVFIEYRKIRKQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHHAPWDVDDL\*CYRRIVGHSLLWGTSVERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFEL\*EFE\*Y\*NQ\*\*\*\*FAE\*D\*YQ\*\*\*WGSDGGRRNEKLLFQCYHKHRK\*DAERICPFL\*T\*CSTNR\*\*\*CKLYVDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSTV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KFHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYKYRTRENILCNRRHNRRYKTSTL\*H\*\*RRMEQHFKTDSYKTRRTI\*E\*NNNL\*SILRRGPRDCNAQC\*LWRGIFLL\*YSKTVY\*YLE\*WYLELY\*RVK\*N\*KKYHTPM\*NKTNYKQVAGSRKSNVCPSHQRTNYMFIKYYRAAINKRWGDQQD\*RD\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHPGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAE\*FAKSY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGMLWKAHLHH\*CALEY\*LE\*\*ISG\*YLE\*HDLDGVGQRNQQLHKLNIHLT\*RIAEPTRKE\*TGIIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNNFFCTFYSK\*SQAGILTIIVADPPPKPEGTRQARRNRRRRWRKRQRWIRSI

>B.1993.KU869586.-

MEPVDPRLEPWKHPGSQPKTPCTQCYCKKCCFHCQVCFIRKGLGISYGRKKRRQRRRAPRDNKNHQVSLSKQ\*VIHVMQSLEVLAIVALVVAIIIAIVVWTIVFIEYKKILKQRKIDRLIDRIRERTEDSGNESEGDQEELSALVEMGHHAPWVVDDL\*CCSRRIVGHSLLWGTCVERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKL\*\*FEE\*Y\*YQ\*\*\*WGSDGRRRNEKLLFQCYHKLKR\*GEARICSFL\*T\*CSTNR\*YKLYIDKL\*LLSPYTGLSKGIL\*TNSHTLLYPGWFCDSTV\*\*\*EVQWNRTMYKCQHSTMYTWD\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*NHNSTAERICRN\*LYKTQQQYKNKYKYRTRENILCNRRHNRRYKTSTL\*H\*WRKMEQHFKTASYKIKRTIWE\*NNSL\*SILRRGPRDCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*Y\*KVQ\*H\*RKYHNYQTPMPNYTH\*KRVARSKESNVCPSHHRTHYMFFRHYRAAISKRWGD\*EQRD\*NLRTWGRRYEG\*LEK\*II\*I\*SSKN\*AIRDTTHPGKEKSGAKRKKSSGNDRGYVPWVLGTTRNHYGRSFNDADGTGQIIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISEVYLG\*HDLDGVGQRN\*QLHKLNIHLT\*RIAEPTRKE\*TGIIGIG\*MGKFVELV\*HITMAVVYKNIHNDSRRLDRFKNNFFCTFYSK\*S\*AGILTIIIADPPPKPEGTRQARRNRRRRWRRRQRWIRSI

>B.1993.KU869610.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCLHCQVCFIQKGLGISYGRKKRRQRRRAPQDNKNHQVSPSKQ\*VIHVMQSLQILAIVALVVTTIIAIVAWSIVFIEYKKILKQRRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCC\*IVGHSLLWGTCVERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCSHRPQPTRSSIGKCDREF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKNNSTLCYFEL\*\*CEE\*D\*YH\*\*ESDRGRRNEKLLFQCYHKHK\*\*DAERICYFL\*T\*CSAAR\*YNTLYIDKL\*LLSHYTGLSKGIL\*TNSHTLLYPGWICESTA\*\*\*EVQWNRTMFKWQHSTMHTWN\*ASSINSTTVKWQSSARRSST\*I\*KFHGQC\*NYNSTAERICRN\*LYKTQQQYKKKYKSRTRESILCNRRRNRRYKTSTL\*H\*\*RKMEKHFKTDSYKIKRTI\*E\*NNSL\*AILRRGPRDCNAQF\*LWRGIFLL\*YNTTV\*LDLEWY\*RVK\*KRVK\*NCKKYYTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWGG\*DQRD\*DQRD\*DLQTWGRRYEVQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERNKSSDNDRSYVPWVLESSRKHYGRSANDAYGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGLQGAQGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISE\*YLG\*HDLDGVGQRN\*QLHKLNIHLT\*RIAEPARKE\*TGIIGIG\*MGKFVELV\*HISMAVVYKNIHNDSRRLGRFKNNFFCTFHNK\*S\*AGILTIIVSDPLPKPEGTRQARRNRRSRWRRRQRWIRSL

>B.2002.KU896064.-

MEPVDPRLEPWKHPGSQPNTPCTKCYCKKCCLHCQVCFITKGLGISYGRKKRKQRRRTPQDNKNHQVSLSKQ\*VIHVMHSLEIFSIVALVVAAILAIVVWSIVFIEYKKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSTLVEMGHDAPWDVDDL\*C\*\*NVGHSLLWGTCVERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSTIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGTKPKTMCKINSTLCYFDLY\*YYQ\*\*\*\*E\*\*HQG\*\*\*YSDGGWRNDKLLFQCYHTHKR\*GEERICSFL\*T\*CKEDR\*\*R\*YKLYIGKL\*HLSHYTGLSKGIL\*TNSHTLLYPGWFCDSTV\*\*\*EVQWNRTMQKCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSNYI\*KFLEQC\*NHNSTAERICRN\*LYKTQQQYKEKYKDRTRENILCNRPHNRRYKTSTL\*H\*WNKLE\*HFRTDSYKIKRTIWE\*NNSLSATPPRRRPKDYTALFLLWRGIFLLQHITAV\*YYLDE\*C\*LV\*W\*LEHRGR\*YTSTPMQNKTNCKHVAESRKSNVCPSHQRKN\*LYIKYYRAAINKRWGEWEREWEESD\*DLQTYRRRNEGQLEK\*II\*I\*SSKN\*AIRDSTHQSKENSGAERKKSSGNARSYVPWVLGNSRKHYGRSVIDVDGTGQKIIVWYSATAK\*FAESY\*GATTSVATHSLGH\*AAPGKSPGCGKIPRGSTAHGDLGMLWKAHLHH\*CALEY\*LE\*\*IL\*\*YLG\*HDLDAVGQRN\*QLHRLNIRFT\*RIADPAGKE\*KGIIGIG\*MGKLVELVFNI\*LAVVYKAIHNDSRRLDRFKNNFLCTFYSK\*S\*AGILTIIVSDPPPKSEGTRQARRNRRRRWRRRQRWIRSL

>B.2012.KU896065.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRTPQDNKNHQVSLSKQ\*VIHVMLPLQILSIVALVVVAIIAIVVWSIVFIEYKKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*C\*\*NVGHSLLWGTCVERSNHHPILCIRC\*SI\*HRST\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGAKPKAMCKINSTLCYFALCEFEYYQ\*\*W\*KWYYHYY\*YPHCYPQC\*YHWWS\*YHQWYSDGGRRNDKLLFQYYHIHSK\*GKERICSFL\*I\*CRANR\*YKQQLYIGKL\*LLNRYTGLSKGIL\*TNSHTLLYPGWFCDSTV\*\*\*EVQWNRTMQKCQHSTMYTWN\*ASSINSTSVKWQSSKRGNN\*I\*KFLGQC\*NHNSTAERICRN\*LYKTQQQYKKKYKDRTRENTLCNRTHNRRYKTSIL\*D\*WNKME\*HFRTDSYKIKRTIWE\*NNSLSATTPRRRPRDYIAQF\*LWRGIFLL\*HIKTV\*\*YLED\*WYLV\*WYLEREK\*HTYTPMQNKTNCKHVAESRKSNVCPSHQWKN\*LYIKYYRAAINKRWGEWERD\*RESD\*DLQTYRRRNEGQLEK\*II\*I\*SSKN\*AIRDSTHQCKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSGTDADGTGQTVTVWYSATAK\*FAESY\*GATASVATHSLGHQAAPGKNPGCGKIPRGSAAHGDLGMLWKAHLHH\*CALEC\*LE\*EIL\*RYLGEHDLDAVGQRN\*QLHRLNI\*FA\*RIADPARKE\*KGIIGIG\*MGKFVELVFNI\*LAVVYKAIHNDSRRLDRFKNNFLCTFYSK\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRRRQRWIRSL

>B.1996.KU896070.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDSKNHQVSLSKQ\*VIHVMQSLQILAIVALVVAAIIAIVVWTIVLIEYKKILKQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRRIVGHSLLWGTCVERSRHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRGSIGKCDRKF\*HVEKWHGRTDA\*GYNQFMGSKPKAMCKINSTLCYLELY\*VE\*YCYYQ\*Q\*WEYY\*YQ\*QY\*DSDEGKRNDKLLFQCYHKHKK\*GAKGICSF\*\*T\*CSTNR\*EYYKLYADTL\*HLSHYTGLSKGVL\*TNSHTLLYPGWFCDSKV\*\*\*EIQWIRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KFHEQC\*NHNSTAERICRN\*LYKTQQQYKKRYKYRTRENILCNKSYNRRHKTSTL\*H\*\*RKME\*HFKTASYKIKRTIWE\*NNSL\*SILRRGPRDCNAQF\*LWRGIFLL\*YNKTV\*\*YLEYY\*RV\*\*YY\*RVK\*\*HYHAPMQNKTNCKQMARSRKSNVCSSHRRTN\*MFIKYYRTAINKRWGE\*E\*RD\*CY\*DLQTLGRKYEGQLEK\*II\*IQSSKN\*AIRDRTHRGKEKSGAERKKSSGNDRSSVPWVLGSSRKHYGRSVDDADGTGQTIIVWYSATAE\*SAKSY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEC\*LE\*\*ISE\*YLG\*YDLDGVGQRN\*QLHKLNIHLT\*RIAEPTRKE\*TGIIGIG\*MGKSVELV\*HIKLAVVYKTIHNDSRRLDRFKNNFFCTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSI

>B.2009.KU896072.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VTHVMIPLQILAIVALVVVAIIAIVVWSIVLIEYKKILKQRRIDRLIDRIRERAEDSGNESEGDHEELSALVEMGHDAPWDVDDL\*C\*\*IMGHSLLWGTCMERSNHHPILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKPKAMCKNNSTLCYLEL\*\*YKE\*DL\*\*WD\*\*\*CREWD\*\*WDL\*\*CREWE\*\*Q\*\*\*WDSDRGSRHEKLLFQCYHRTKRYGEERICSFL\*T\*CSTNR\*\*\*YKVYVDKL\*HLSH\*TSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EIQWNRTMFKCQHSTMHTWN\*ASGINSTTVKWQSSRRRGSDQI\*KFHKQC\*KHNSTAERICRN\*LYKTLQPNKKYKNRTRDRTREYTSCNKKHIRKGKTTMQH\*\*SKMEQHFKTDSHKIKRTI\*E\*NNNL\*SLLRRGPRD\*NAQF\*LWRGIFLL\*YNKTVS\*YLECYVE\*Y\*RVE\*YWKGR\*KH\*TPMQNKTNYKQVAGSRTSNVCPSHRRTN\*MFIRYDRADINKRRGD\*QK\*H\*NLQTCGRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHHGKEKSGAKRKKSSGTVRSYVPWVLGNSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*CATTSVAAHSLGH\*AAPSKSPGCRKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*NSGGHLD\*PDLDAVGKRN\*QLHKCNILPA\*RITEPARKE\*TGIIAIGQMGKFVELV\*HN\*LAVVYKNIYNDSRRLDRFKNNFYCTFYSE\*S\*AGVLTIIVPDPLPRPEGTRQARRNRRRRWRRRQRWIRSI

>B.2002.KU896093.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKVCCLHCQVCFTKKGLGISYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIHVMQSLEIFAIVALVVAAILAIVVWTIVFIEYKKILKQRKIDRLLDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRRIVGHSLLWGTCVERCKHHPILCIRC\*SI\*HRGP\*CLGHTCLCTHKPQPTRSSIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFEL\*\*GD\*Y\*\*Y\*YCEYYYYH\*YHSYHNWNWESGRGHEKLLFQYHKHKK\*GAERICSFL\*T\*CSTNR\*\*YYKLYVHSL\*HLSHYTGLPKDIL\*TNSHTLLYPGWFCDSTV\*\*\*TVQWIRTM\*KCQHSTVYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*KFHGQC\*NHNSTAE\*ICKN\*LYKTQQQYKKKDTYRTYRRQIILCNRNYNRKCKTSTL\*H\*WRRMGQSFKKGSYKIRRTI\*E\*INKL\*AILRRGPRDCNAQF\*LWRRILLL\*YNSTV\*\*YLE\*Y\*TV\*\*Y\*EYH\*KI\*Q\*NYHTPMQNKTNYKQVAGSRKSNVCPSH\*WNN\*M\*IKYYRAAINKRWGD\*CHQ\*DLQTWGRRYEGQLEK\*II\*I\*SSKN\*SIRDSTHRGKEKSGAERKKSSGNDRSSVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEC\*LE\*\*ISD\*YME\*HDLDGVGQRN\*QLHKLNILLT\*RIAEPTRKE\*TGLIEIGYMGKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNNFFCTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRKRQRWIRSL

>B.2002.KU896095.-

MEPVDPRLEPWKHPGSQPRTPCTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDNKSHQVSLSKQ\*VIHVMPSLEILSIVALVVAGIIAIVVWSIVFIEYRKIRRQKKIDRLIDRIRERAEDSGNESEGDQEELSTLVEMGHLAPWDVDDL\*CCRRIVGHSLLWGTCVERSKHHPILCIRC\*SI\*HRGS\*CLGHTCLCTHRPQPTRGSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYYELYQFEE\*\*\*Y\*YQ\*Q\*QFAE\*Y\*YQ\*Q\*WGSDGGRRNDELLFQCYHKHKR\*GAGRKRSFL\*T\*CSTIRG\*YKLYIDTL\*HLSHYTGLSKGIL\*TISHTLLYPGWFCDSTV\*\*\*EVQWNRTMYQCQHSTMYTWN\*ASSINSTAVKWQSSRRRDNN\*I\*KFHEQC\*NHNSTAERICRN\*LYKTQQPYNKKDRYRTRENIVCNRTDNRRQKTSTL\*H\*WRKMERHSKTASYKIKRTIWE\*NNSL\*SILRRGPRDCNAQF\*LWRGIFLL\*YNTTV\*\*YLDLE\*YSYWY\*RGKWNYHTPMQNNTNCKQVAGSRKSSVCPSHRRTKYMFIKYYTAAINKR\*GE\*E\*RD\*DD\*DLQTWGRKYEGQLEK\*II\*I\*SSKN\*AIRDSTHRGKEKSGAERKKSSGSDRSYVPWVLGSSRKHYGRSVNGADGTDQTIIVWYSATAE\*FAESH\*GATAYIATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISG\*YLEEHDLDGVGQRN\*QLYKLNIQLA\*RIAKPTRKE\*TGLIKIG\*MG\*FVELVYHNKLAVVYKNIHNDSRRLDRFKNNLFCTFYSE\*S\*AGILTIIVSDPLPKPEGTRQARRNRRRRWRQRQRWIRSI

>B.1999.KU896114.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGIYYGRKKRRQRRRTPQDNKNHQVPLSKQ\*VIHVMQSLEVILAIVGLVVAAIIAIVVWSIVFIEYRKILKQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCNRRNVGHSLLWGTCVERSNHHTILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINSTLCYFEV\*\*FEYN\*\*\*VG\*\*Y\*YQ\*YCYQ\*\*\*YWGRDGGRRNEKLLFQCYHKHKR\*GEERICSFL\*T\*CRTNR\*YR\*YKLYIDKL\*LLSHYTGLSKGIL\*TNSHTLLYPGWFCDSTM\*\*\*EVQWNRTMFKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDDN\*I\*KFHEQC\*NHNSTAERICRN\*LYKTQQQYKKRYTCRTRENDLCNKKNNRRYKTSTL\*H\*\*RKMEQHFNTASCKIKRTIWE\*\*NNSLYSTPLRRGPRDCNAQF\*LWRGIFLL\*YNTIV\*\*YLDWE\*YSRVRWN\*KYHTPMQNKTNYKQVARSRKSNVCPSHRRTN\*MFIKYYRTAINKRWRD\*EQQE\*GE\*DLQTWGRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHRGKEKSGAERKKSSGSDRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*SAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ILS\*DLG\*YDLDAVGQRN\*QLHKLNIHLT\*RIAEPTRKE\*TGTIEI\*\*MGKFVELV\*HIKLAVVYKNIHNDSRRLSRFKNNFLCTFYSE\*S\*AGILTLIVSDPLPKPEGTRQARRNRRRRWRRRQRWIRSI

>B.2012.KU901940.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901944.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901945.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSKQS\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901946.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASDINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIK\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901947.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901948.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901949.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901950.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901951.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901952.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901960.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901961.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFRYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901962.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901963.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*\*CYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901964.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWK\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901965.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901966.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901967.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERNNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901968.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDKIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901976.acute\_infection

MEPVDPRLEPWKHPGSRPKTACSNCYCKKCCLHCQVCFIKKGLGISYGRKKRRQRRRPPQDSETHQDSLSKQ\*VVYVMQALQVVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLINRIRERAEDSGNESEGDQEELSALVEVGHHAPWDVDDL\*CCRKIVGHSLLWGTCVERSNYHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKVQ\*YHQ\*\*QCYY\*Q\*\*QNRERRNKKLLFQYHHKHEK\*DTETICNF\*\*T\*YSTNR\*\*E\*\*D\*\*L\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EIQWNRAM\*KCQHSTMYTWN\*ASGINSITVKWQSSRRRGSD\*N\*KFLKQCQNHNSTAE\*VCSN\*LYKTQQQYKKRYTYGTRESIFCNRHNRRYKTSTL\*P\*WGRLE\*DFSTGSCKIKRTTWE\*\*\*\*HNIL\*ELLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLGN\*\*YWEYY\*RNYHTPM\*NKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKGWW\*\*\*HERERDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISE\*NLG\*HDMDGVGKRN\*KLYRLNIHLN\*GIAEPARKE\*TRIIGIR\*VGKFVELVRHNKMAVVYKNIHNDSRRLDRIKNNFCCICYSK\*S\*AGIFTIVVSDPLPSTEGTRQARRNRRRRWRERQRQIKKI

>B.2012.KU901978.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNGCYCKKCCYHCQVCFLKKGLGISYGRKKRRSRRRASNYNQNHQASLSKQ\*VVHVMQPLNILVVVAFVVAIIIAIVVWSIVFIEYKRLRRQKKIDRLIQRISERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYKNIVGHSLLWGTCVERSNHHSILCIRC\*SL\*SRGAQCLGHTCLCTHRPQPTRSTIDKCDRKL\*HVGK\*HGRTNA\*GYNQFMGSKSKAMCKINPTLCYFELY\*FGKF\*\*YQWE\*\*WETDGERRNEKLLFQYHNRHER\*GEERICNFL\*P\*CSTNRW\*\*Q\*NRI\*VDKL\*HLSPYTSLSKGIL\*ANSHTFLCPGWFCDSKV\*\*\*DI\*WNRTMYKCQHSTMYTWN\*ASSINSTTVEWQSSRRRCNN\*I\*KYHKQC\*NHNSTAERSCKHYLYKTWQQYKKKYTYGTRESILYRRNNRRYKTSTL\*H\*\*TKVEQHFKTDSYKIKGTI\*\*DNNL\*SILRRGPRGCNVQF\*LWGRIFLL\*FNTTV\*\*YLG\*CYFK\*\*C\*CY\*\*WQYHTPMQNKTNYKHVATSRKSNVCQSHQRRN\*MYIKYYRAVINQRW\*S\*QYCQ\*DLQTWRRKHEGQLEE\*II\*IQSSKN\*TIRSSTHRGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVTDTDGTGQAIIVWYSAAAEQFAEGY\*GATTSVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*KPI\*DLG\*HDLDGVGKRN\*QLHRHNIQIN\*RIAKPTGKERTRFVGIGSMGKLVELV\*HNKLAVVYKNIHNDSWRLDRFKNSFCCAFYSE\*S\*AGVLTIVIADPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2012.KU901979.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNGCYCKKCCYHCQVCFLKKGLGISYGRKKRRSRRRASNYNQNHQASLSKQ\*VVHVMQPSNILVVVAFVVAIIIAIVVWSIVFIEYKRLRRQKKIDRLIQRISERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYKNIVGHSLLWGTCVERSNHHSILCIRC\*SL\*SRGAQCLGHTCLCTHRPQPTRSTIDKCDRKL\*HVGK\*HGRTNA\*GYNQFMGSKSKAMCKINPTLCYFELY\*FGKF\*\*YQWE\*\*WETDGERRNEKLLFQYHNRHER\*GEERICNFL\*P\*CSTNRW\*\*Q\*NRI\*VDKL\*HLSPYTSLSKGIL\*ANSHTFLCSGWFCDSKV\*\*\*DI\*WNRTMYKCQHSTMYTWN\*ASSINSTTVEWQSSRRRCNN\*I\*KYHKQC\*NHNSTAERSCKHYLYKTWQQYKKKYTYGTRESILYRRNNRRYKTSTL\*H\*\*TKVEQHFKTDSYKIKGTI\*\*DNNL\*SILRRGPRGCNVQF\*LWGRIFLL\*FNTTV\*\*YLG\*CYFK\*\*C\*CY\*\*WQYHTPMQNKTNYKHVATSRKSNVCQSHQRRN\*MYIKYYRAVINQRW\*S\*QYCQ\*DLQTWRRKHEGQLEE\*II\*IQSSKN\*TIRSSTHRGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVTDTDGTGQAIIVWYSAAAEQFAEGY\*GATTSVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*KPI\*DLG\*HDLDGVGKRN\*QLHRHNIQIN\*RIAKPTGKERTRFVGIGSMGKLVELV\*HNKLAVVYKNIHNDSWRLDRFKNSFCCAFYSE\*S\*AGVLTIVIADPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2012.KU901981.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNGCYCKKCCYHCQVCFLKKRLRHLLWQEEAEIATKSF\*LQSESSSFSIKAVSSTCNATFKYISSSSICSSNNNSHSGVVHSIHRI\*ETKKAKENRQVNSENK\*KSRRQWK\*KRRGSGRTISTCGNGASCSLGC\*\*SVVLQKHCGSQSIMGYLCGKKQPPLYFVHQMLKLMIQRCTMFGPHMPVYPQTPTHKKYY\*QM\*QKTLTCGKITW\*NKCMRI\*SVYGIKV\*SHV\*N\*PHSVLL\*IVLIWKILIVPMGIVVGD\*WRKEK\*KTALSISQQA\*EIR\*RENMQFSITLM\*YQ\*MVITIKQNIG\*\*VVTPQSLHKPVQRYPLSQFPYIFVLRLVLRF\*SVIIRHLMEQDHVQMSAQYNVHMELGQ\*YQLNYC\*MAV\*QKKM\*\*LDLKISQTMLKP\*\*YS\*KIL\*TLLV\*DLATIQEKVYIWDQGKHFIQEK\*\*EI\*DKHIVTLVDKSGTTL\*NR\*L\*N\*RNDLIRQ\*SLINPQEGTQRL\*CTVLIVGENFSFVIQHNCLIVLGIMLL\*IVMLVLLIMAISHSHTE\*NKL\*TCGNK\*EKQCMPIPSKEKLNVHQILQGCY\*PEMVILTILPMRPSDLEEET\*RTIGGVNCINTK\*\*KLNH\*E\*HPPRQREEWCREKKEQWD\*ELCSLGSWEQQEALWAQRH\*H\*RYRPGNYCLV\*CSSRTIC\*GLLRRNNICCNSQSGASSSSRQES\*LWKDT\*RINSSWGSGVALENSSAPLLCLGMLVGVIKTYLRSGIT\*PGWSGKEKLTITQT\*YTD\*LKNRKTNRKRTNKICWHWINGQACGIGLA\*QTGCGI\*KYS\*\*\*LEA\*\*V\*E\*FLLCFL\*\*IELGRGTHHCHCRPTSQLRGNPTGPEESKKKVERETETNPVD\*

>B.2012.KU901982.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNGCYCKKCCYHCQVCFLKKGLGISYGRKKRRSRRRASNYNQNHQASLSKQ\*VVHVMQPLNILVVVAFVVAIIIAIVVWSIVFIEYKRLRRQKKIDRLIQRISERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYKNIVGHSLLWGTCVERSNHHSILCIRC\*SL\*SRGAQCLGHTCLCTHRPQPTRSTIDKCDRKL\*HVGK\*HGRTNA\*GYNQFMGSKSKAMCKINPTLCYFELY\*FGKF\*\*YQWE\*\*WETDGERRNEKLLFQYHNRHER\*GEERICNFL\*P\*CSTNRW\*\*Q\*NRI\*VDKL\*HLSPYTSLSKGIL\*ANSHTFLCPGWFCDSKV\*\*\*DI\*WNRTMYKCQHSTMYTWN\*ASSINSTTVEWQSSRRRCNN\*I\*KYHKQC\*NHNSTAERSCKHYLYKTWQQYKKKYTYGTRESILYRRNNRRYKTSTL\*H\*\*TKVEQHFKTDSYKIKGTI\*\*DNNL\*SILRRGPRGCNVQF\*LWGRIFLL\*FNTTV\*\*YLG\*CYFK\*\*C\*CY\*\*WQYHTPMQNKTNYKHVATSRKSNVCHSHQRRN\*MYIKYYRAVINQRW\*S\*QYCQ\*DLQTWRRKHEGQLEE\*II\*IQSSKN\*TIRSSTHRGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVTDTDGTGQAIIVWYSAAAEQFAEGY\*GATTSVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*KPI\*DLG\*HDLDGVGKRN\*QLHRHNIQIN\*RIAKPTGKERTRFVGIGSMGKLVELV\*HNKLAVVYKNIHNDSWRLDRFKNSFCCAFYSE\*S\*AGVLTIVIADPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2012.KU901987.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNGCYCKKCCYHCQVCFLKKGLGISYGRKKRRSRRRASNYNQNHQASLSKQ\*VVHVMQPLNILVVVAFVVAVIIAIVVWSIVFIEYKRLRRQKKIDRLIQRISERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYKNIVGHSLLWGTCVERSNHHSILCIRC\*SL\*SRGAQCLGHTCLCTHRPQPTRSTIDKCDRKL\*HVGK\*HGRTNA\*GYNQFMGSKSKAMCKINPTLCYFELY\*FGKF\*\*YQWE\*\*WETDGERRNEKLLFQYHNRHER\*GEERICNFL\*P\*CSTNRW\*\*Q\*NRI\*VDKL\*HLSPYTSLSKGIL\*ANSHTFLCSGWFCDSKV\*\*\*DI\*WNRTMYKCQHSTMYTWN\*ASSINSTTVEWQSSRRRCNN\*I\*KYHKQC\*NHNSTAERSCKHYLYKTWQQYKKKYTYGTRESILYRRNNRRYKTSTL\*H\*\*TKVEQHFKTDSYKIKGTI\*\*DNNL\*SILRRGPRGCNVQF\*LWGRIFLL\*FNTTV\*\*YLG\*CYFK\*\*C\*CY\*\*WQYHTPMQNKTNYKHVATSRKSNVCQSHQRRN\*MYIKYYRAVINQRW\*S\*QYCQ\*DLQTWRRKHEGQLEE\*II\*IQSSKN\*TIRSSTHRGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVTDTDGTGQAIIVWYSAAAEQFAEGY\*GATTSVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*KPI\*DLG\*HDLDGVGKRN\*QLHRHNIQIN\*RIAKPTGKERTRFVGIGSMGKLVELV\*HNKLAVVYKNIHNDSWRLDRFKNSFCCAFYSE\*S\*AGVLTIVIADPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2012.KU901995.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNGCYCKKCCYHCQVCFLKKGLGISYGRKKRRSRRRASNYNQNHQASLSKQ\*VVHVMQPLNILVVVAFVVAIIIAIVVWSIVFIEYKRLRRQKKIDRLIQRISERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYKNIVGHSLLWGTCVERSNHHSILCIRC\*SL\*SRGAQCLGHTCLCTHRPQPTRSTIDKCDRKL\*HVGK\*HGRTNA\*GYNQFMGSKSKAMCKINPTLCYFELY\*FGKF\*\*YQWE\*\*WETDGERRNEKLLFQYHNRHER\*GEERICNFL\*P\*CSTNRW\*\*Q\*NRI\*VDKL\*HLSPYTSLSKGIL\*ANSHTFLCSGWFCDSKV\*\*\*DI\*WNRTMYKCQHSTMYTWN\*ASSINSTTVEWQSSRRRCNN\*I\*KYHKQC\*NHNSTAERSCKHLRPGNNTRKSIHMGPGKAFYTGEIIGDIRQAHCNISRQKWNNTLKQIAIKLKEQFNKTIIFNQSSGGDPEVVMYSFNCGGEFFFCDSTQLFNSTWDNATLNSNASATNNGNITLPCRIKQIINMWQQVGKAMYANPIKGEIKCTSNITGLLLTRDGDLNNTANETFRPGGGNMKDNWRSELYKYKVVKIEPLGVAPTAAKRRVVQREKRAVGLGAMFLGFLGAAGSTMGAASLTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNKNLSEIWDNMTWMEWEREIDNYTDIIYRLIEESQNQQEKNEQDLLALDQWASLWNWFSITNWLWYIKIFIMIAGGLIGLRIVFAVLSIVNRVRQGYSPLSLQTHLPAQREPDRPGGIEEEGGERDRDKSGRL

>B.2012.KU901996.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNGCYCKKCCYHCQVCFLKKGLGISYGRKKRRSRRRASNYNQNHQASLSKQ\*VVHVMQPLNILVVVAFVVAIIIAIVVWSIVFIEYKRLRRQKKIDRLIQRISERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYKNIVGHSLLWGTCVERSNHHSILCIRC\*SL\*SRGAQCLGHTCLCTHRPQPTRSTIDKCDRKL\*HVGK\*HGRTNA\*GYNQFMGSKSKAMCKINPTLCYFELY\*FGKF\*\*YQWE\*\*WETDGERRNEKLLFQYHNRHER\*GEERICNFL\*P\*CSTNRW\*\*Q\*NRI\*VDKL\*HLSPYTSLSKGIL\*ANSHTFLCPGWFCDSKV\*\*\*DI\*WNRTMYKCQHSTMYTWN\*ASSINSTTVEWQSSRRRCNN\*I\*KYHKQC\*NHNSTAERSCKHYLYKTWQQYKKKYTYGTRESILYRRNNRRYKTSTL\*H\*\*TKVEQHFKTDSYKIKGTI\*\*DNNL\*SILRRGPRGCNVQF\*LWGRIFLL\*FNTTV\*\*YLG\*CYFK\*\*C\*CY\*\*WQYHTPMQNKTNYKHVATSRKSNVCQSHQRRN\*MYIKYYRAVINQRW\*S\*QYCQ\*DLQTWRRKHEGQLEE\*II\*IQSSKN\*TIRSSTHRGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVTDTDGTGQAIIVWYSAAAEQFAEGY\*GATTSVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*KPI\*DLG\*HDLDGVGKRN\*QLHRHNIQIN\*RIAKPTGKERTRFVGIGSMGKLVELV\*HNKLAVVYKNIHNDSWRLDRFKNSFCCAFYSE\*S\*AGVLTIVIADPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2012.KU901997.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNGCYCKKCCYHCQVCFLKKGLGISYGRKKRRSRRRASNYNQNHQASLSKQ\*VVHVMQPLNILVVVAFVVAIIIAIVVWSIVFIEYKRLRRQKKIDRLIQRISERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYKNIVGHSLLWGTCVERSNHHSILCIRC\*SL\*SRGAQCLGHTCLCTHRPQPTRSTIDKCDRKL\*HVGK\*HGRTNA\*GYNQFMGSKSKAMCKINPTLCYFELY\*FGKF\*\*YQWE\*\*WETDGERRNEKLLFQYHNRHER\*GEERICNFL\*P\*CSTNRW\*\*Q\*NRI\*VDKL\*HLSPYTSLSKGIL\*ANSHTFLCPGWFCDSKV\*\*\*DI\*WNRTMYKCQHSTMYTWN\*ASSINSTTVEWQSSRRRCNN\*I\*KYHKQC\*NHNSTAERSCKHYLYKTWQQYKKKYTYGTRESILYRRNNRRYKTSTL\*H\*\*TKVEQHFKTDSYKIKGTI\*\*DNNL\*SILRRGPRGCNVQF\*LWGRIFLL\*FNTTV\*\*YLG\*CYFK\*\*C\*CY\*\*WQYHTPMQNKTNYKHVATSRKSNVCQSHQRRN\*MYIKYYRAVINQRW\*S\*QYCQ\*DLQTWRRKHEGQLEE\*II\*IQSSKN\*TIRSSTHRGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVTDTDGTGQAIIVWYSAAAEQFAEGY\*GATTSVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*KPI\*DLG\*HDLDGVGKRN\*QLHRHNIQIN\*RIAKPTGKERTRFVGIGSMGKLVELV\*HNKLAVVYKNIHNDSWRLDRFKNSFCCAFYSE\*S\*AGVLTIVIADPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2012.KU901998.acute\_infection

MEPVDPSLEPWKHPGSQPRTACNGCYCKKCCYHCQVCFLKKGLGISYGRKKRRSRRRASNYNQNHQASLSKQ\*VVHVMQPLNILVVVAFVVAIIIAIVVWSIVFIEYKRLRRQKKIDRLIQRISERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYKNIVGHSLLWGTCVERSNHHSILCIRC\*SL\*SRGAQCLGHTCLCTHRPQPTRSTIDKCDRKL\*HVGK\*HGRTNA\*GYNQFMGSKSKAMCKINPTLCYFELY\*FGKF\*\*YQWE\*\*WETDGERRNEKLLFQYHNRHER\*GEERICNFL\*P\*CSTNRW\*\*Q\*NRI\*VDKL\*HLSPYTSLSKGIL\*ANSHTFLCPGWFCDSKV\*\*\*DI\*WNRTMYKCQHSTMYTWN\*ASSINSTTVEWQSSRRRCNN\*I\*KYHKQC\*NHNSTAERSCKHYLYKTWQQYKKKYTYGTRESILYRRNNRRYKTSTL\*H\*\*TKVEQHFKTDSYKIKGTI\*\*DNNL\*SILRRGPRGCNVQF\*LWGRIFLL\*FNTTV\*\*YLG\*CYFK\*\*C\*CY\*\*WQYHTPMQNKTNYKHVATSRKSNVCQSHQRRN\*MYIKYYRAVINQRW\*S\*QYCQ\*DLQTWRRKHEGQLEE\*II\*IQSSKN\*TIRSSTHRGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVTDTDGTGQAIIVWYSAAAEQFAEGY\*GATTSVATHSLGHQAAPGKSPSCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*KPI\*DLG\*HDLDGVGKRN\*QLHRHNIQIN\*RIAKPTGKERTRFVGIGSMGKLVELV\*HNKLAVVYKNIHNDSWRLDRFKNSFCCAFYSE\*S\*AGVLTIVIADPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2010.KX228802.-

MEPVDPRLEPWKHPGSQPQTPCTSCYCKKCCFHCQVCFTTKALGVSYGRKKRSKRRRAHQDSETHQASLPKQ\*VVYVMQSLQIVAIVALVVAAIIAIVVWSIAFIEYRKLRRQRQIDRLIDRITERAEDSGNESDGDQEELSALVERGHLAPWPINDL\*C\*RKVGHSLLWGTCVERSKHHSILCIRC\*SI\*ERGT\*CVGYTCLRTHRPQSTRSGIKECDRRV\*HVEK\*HGRTDA\*GHNQFMGSKLKAMCKINTTLCYFKLH\*CEEYLLL\*NEKLLFQYLHRRKR\*DEERICTFL\*P\*YSKTGW\*\*\*\*QL\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDYKM\*Q\*DIQWKRIM\*QCQHSTMHTWN\*ASSINSIAVKWQSSRRRQHSN\*V\*QFLEQC\*DHNSTANRTCKYYLYKTQQQYKKKHTYSTREGILCNRRHNRKYKTSTL\*H\*\*SRVE\*HFTKDS\*KTRRTIYNNKFIL\*KLLRRGSRNCNAQL\*L\*RRHDHTPMQNKTNYKHVAGSRKSNVCPSYQRTYSMFIKYYRIVINKRWWQQQ\*QH\*NL\*TWRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEESGAKREKSIGNGSSVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSATAEQYAEGY\*GAAASAATHSLGHQAAPGKSPGCGKIPKGSAAPGDLGLLWKTHLHH\*CTLE\*\*LE\*\*IL\*NDLG\*HDLDAVGKRN\*QIHKHNIHFT\*RIAEPAGKE\*TRIIGMGQMGKSVELV\*HNKLAVVYKNIHNDSRRFDRFKNNFCYAFYSK\*S\*AGILTIIVSDPPPNAEGTRQARRNRRRRWRERQRQIRNI

>B.2010.KX228803.-

MEPVDPRLEPWQHPGSQPKTACNNCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRAPQDSQTNQAPLSKQ\*VVHVMQPLEIAAIVALVVVGIIAIIVWSIVLIEYRKILRQKKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CCRKFVGHSLLWGTCVERGNHHSILCIRC\*RI\*YRGT\*CLGHTCLCAHRPQPTRNTIEKCDRRI\*HVEK\*HGRTNARGYN\*FMGSKLKAMCKINPTLCYSKLY\*YGERRDEKLLFQCHHKHRK\*DKERICTFL\*T\*YSTNK\*E\*\*CQLYYDKL\*YLSPYTGLSKGVL\*ANSHILLCPGWFCDSKVQR\*EVQWKRKMYRCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*V\*QFYRQC\*NHNSTTE\*NCRN\*LYKTR\*QYKKKHTFRTRESMVCNRRHNRRYKTSTL\*H\*\*SKMEQHFKNDSYKIKRTISK\*NNSF\*SILRRGPRNCNAQF\*LWRRIFLL\*YNSTV\*\*HLGIK\*NYHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*MFIQYYRAVINKRWG\*HKRDYL\*DF\*TRRRKYEGQLEK\*II\*I\*SSKD\*TIRNSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKLPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISPRYLGQHDLDAVGKRN\*QLHRLNIHLN\*RIAEPARKE\*TRIIVIR\*MGRFVELV\*HNTMAVVYKNIHNDSRRYDRVKNSFYYTFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRHIKTI

>B.2011.KX228805.-

MEPVDPRLEPWKHPGSQPKTACTPCHCKKCCYHCQVCFITKGLGISYGRKKRRQRRRAHQDCKTHQVDLSKQ\*VVHVMQSLVILAIVALVIASIIAIVVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLALGNINDL\*YCNSIVGHSLLWGTCVERSNHHSILCIRC\*SL\*YRGT\*CLGYTCLCTYRP\*PTRSKIGKCDRKF\*HVEK\*HGRADA\*GCNQFMGSKPKTMCKVNSTLCYFKLY\*SRGNEKLLFQCNLKQKR\*VAERICTSL\*N\*YSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKM\*Q\*DFQWKGTMHKCQHSTMYTWN\*ANSINSTTVKWQFSRRDSN\*I\*KFHKQC\*NHNSTVKWICSN\*LYKTWQ\*YKKKYIYRARESILCNRRYNRGYKTSTL\*P\*QNSMEYHFRAGSWEIKRTIWE\*NNNL\*TVLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*SWHYHTPMQNKTNYKYVAGSRKSNVCPSHKRKYYLFIKNYRAVINKRWG\*EKSEQQRDLQTCRRRYEEQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNGSFVPWVLECSRKHYGRSINNADGTGQTITVWYSATAEQSAEGY\*GATASVATHSLGRQAAPGKNPGCGKIPKGSTAPGDLGLLWKAHLHH\*CTLEY\*LE\*\*NPHRYLE\*HDLDGVGKRN\*QLHKLYIYLT\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFYCD\*YSK\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRHIHNI

>B.2010.KX228806.-

MDPVDPRLEPWKHPGSQPRTACTPCYCKKCCYHCQNCFITKGLGISYGRKKRRQRRRAAQDGQTHQDYLSKQ\*VIYVMQSLTIIAIVGLVVAAILAIVVWSIVFIEYRKIQRQKKIDRLLDRIRERAEDSGNESDGDQEELSALERGHLAPWVVDDL\*CCRRDVGHSLLWGTCVERCRYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRPEPTRSTIGKCDRKF\*YVEK\*HGRTDA\*\*YNQLMGSKPEAMCKINPTLCYFKLH\*CEGKRRNKKLLFQYHHRYKR\*GRETICNFL\*I\*CSANRE\*\*\*L\*VDKL\*HLSHYTGLSKGNI\*ANSNTLLYPSWFCASKV\*\*\*DVQWNRTM\*QC\*YSTVYTWN\*ASGINSIAVKWQSSRKGHSN\*IPKYLRQY\*NHNSTSKGTCKYHLYKTQQ\*YKKRYTYRTRESILCNRRHNRKYKKGTL\*HY\*SKLE\*HFRTDS\*KIKRTIQE\*NNSL\*EFLRRGSRNYNAYF\*L\*RRIFLL\*YDRTV\*CSWYHTSMQNKTNCKHVAGSRKSNVCPSH\*RTN\*LYIKYYRDTLNKRWRSG\*\*Y\*\*Y\*NLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGTERKKSRGIRSVVPWVLGSSRKHYGRSVNDADGTSQAIIDWYSATAK\*FAEGY\*GATTSVATHSLGH\*TAPGKSPSCGKIPKGSTAPGDLGLLWKTHLYHCCALEC\*LE\*\*ICE\*HLG\*HDLDGVGKGN\*QLHRDNIQLT\*KVTEPARKE\*TRIIGIGQMGKFVELV\*HIKMAVVYKNIYNDSRRLNRFKNSLYCAFYSE\*S\*AGILTIVVADPPPSQEGTRQARRNRRRRWRERQRQIRHI

>B.2009.KX228807.-

MEPVDPSLEPWKHPGSQPKTACTSCYCKACCFHCQVCFVTKGLGISYGRKKRRQRRRPPQNSQTHQVSLSKQ\*VVNVMQSLQIAAIIALVVVAIIAIVVWSIVLIEYRKILRQRRINRLLDRIRERAEDSGNESDGDQEELSAFMDRGHYAPWNINDL\*CYRTIVGHSLLWGTCVERSNHYSILCIRC\*SICSRGT\*CLGHTCLCTHRPQSTRNSIGKCDRKFQHVEK\*HGRADAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CQYY\*YQYY\*\*\*\*LGKGNRSNKELLFQYHNKLKREGTE\*ICTFL\*T\*CSTNR\*\*YQI\*VDKL\*HLSHYTSLSKGDL\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTM\*ECQHSTMYTWN\*ASSINPTTTKW\*SSRRRGSN\*I\*KFHKQC\*NYNSTAE\*ICSN\*LYKTQQQYKKKYTSGTRESILCNRRNNRRYKKSTL\*H\*\*SKMEQHFKTGS\*KIKRTI\*E\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLE\*YYHNPMQNKTNCKNVAESRKSNVCPSHQRTN\*MLIKYYRAVINKRWW\*\*P\*\*\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKGEKSSGNRSYAPWVLRNSRKHYGRSVSGADGTGQTIIVWYSAAAEQFAESY\*GATAPVATHSLGHQAAPGKNSGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*IFGGDLE\*HDLDAVGERN\*QLHKLNIHLN\*RIAEPTRKE\*KRIIGIG\*LGKFVELV\*HNKLAVVYKNIHNNSRRFGRFKNSFYCAFYSE\*S\*AGILTVIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2009.KX228825.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRPPQHSQTNQASLSKQ\*VIHVMNSLTIVAIVALVVAAILAIVVWSIVLIEYKKLLRQRKIDRLIDRIKEREEDSGNESEGDQEELAAILEMGHLAPWDVNDL\*CCRTRPTVGHSLLWGTCVERSNHHFILCIRCQSI\*\*RST\*CLGHTCLCTHRPQPTGNKIKCDRKL\*HVEK\*HGRTNA\*GYN\*FMG\*KPKAMCEINPTLCYFKLH\*FQWRSKKLLFQHHHGIKR\*GKKGICIVL\*T\*CSTNR\*Y\*Y\*L\*VDKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRAM\*KCQHSTMYTWN\*TSSINSTTVKWQSSRRRGNDQI\*KLHEQC\*NHNSTAEQVCRD\*LYKTWQQYKKKYNYGTRESILCNRRNNRKYKTSTL\*PQ\*SKME\*DFKTNRYKIKKAIWA\*\*NSL\*TTLRRGPRNCNAHC\*LWRGILLL\*YNTTV\*\*YLG\*KYHTSMQNKTNYKHVAGSRKSNVCPSHRRKH\*LFIKYYRAAINKRWW\*\*WHKRDRDLQTRRREYEGQLEK\*II\*I\*SSTN\*TSRNSTHKGKEKSGAERKKSSGTRSCALWVLGSSRKHYGRSVTDADGTSQAIIVWYSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPQGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*QISR\*NLE\*HDLDAMG\*RN\*\*LHKYNIQLN\*KIAKPTRKE\*TGTIGIR\*LGKFVELV\*HNKLAVVYKNIHNDSRRLDRLKNSFYYTFYSE\*S\*EGILTIIVSDPPPRQEGTRQARRNRRRRWRQRHRQIQQI

>B.2014.KX505395.chronic

MEPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQTNQASLSKQ\*VVHVMLSIQVLTIVSIVALVIVAIIAIVVWSIVFIEYRKILKQRKIDRLIDRIRDRAEDSGNESEGDQEELSAFMEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIKKCDRRI\*YVGKQYGRTDA\*GYN\*FMGSKPKAMCKVNPTLCYFELH\*\*IEQYEQ\*EQDKQCYCRRERRNKKLLFQYHHKHKG\*GERLCTFL\*T\*YSTSKC\*C\*\*YQI\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPSWFCDSKV\*Q\*DVRGKRSV\*KCQHSTMHTWN\*ASNINSIAVKWQLSRRRGSN\*I\*KFHEQC\*NHNSTTE\*ICKN\*LYKAQQQYKKKCTYRTRESMVCNRRYNRRHKTSTL\*P\*\*DRME\*SFRTDSYKIKRTRTI\*E\*NNSL\*KFIRRGPRNCKAQF\*LWRGIFLL\*YNKTI\*\*YLEWN\*HCSKPNYRKYHTLMQNKTNYKQVAGSRKGNVCPSHRRTN\*VFIKHYRAVINKRWWY\*\*\*D\*HDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSCVPWVLRSSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATASVAAHSLGHQAAPGKSPGYGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGKNLE\*HDLDGVG\*RN\*QLHTINIHPT\*RIAEPTRKE\*TGIIGIG\*MGKSVELV\*HIKLAVVYKNIHNDSRRLGRFKNNFFCTFYSE\*S\*AGVLTIVISDPPPNPEGTRQARRNRRRRWRQRQRQIQQI

>B.2014.KX505396.chronic

MEPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQTNQASLSKQ\*VVHVMLSIQVLTIVSIVALVIVAIIAIVVWSIVFIEYRKILKQRKIDRLIDRIRDRAEDSGNESEGDQEELSAFMEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIKKCDRRI\*YVGKQYGRTDA\*GYN\*FMGSKPKAMCKVNPTLCYFELH\*\*IEQYEQ\*EQDKQCYCRRERRNKKLLFQYHHKHKG\*GERLCTFL\*T\*YSTSKC\*C\*\*YQI\*VNKL\*HLSHYTGLSKGIL\*TNSHTLLCPSWFCDSKV\*Q\*DVRGKRSV\*KCQHSTMHTWN\*ASNINSIAVKWQLSRRRGSN\*I\*KFHEQC\*NHNSTTE\*ICKN\*LYKAQQQYKKKCTYRTRESMVCNRRYNRRHKTSTL\*P\*\*DRME\*SFRTDSYKIKRTRAI\*E\*NNSL\*KFIRRGPRNCKAQF\*LWRGIFLL\*YNKTI\*\*YLE\*N\*HCSKPNYRKYHTLMQNKTNYKQVAGSRKGNVCPSHRRTN\*VFIKHYRAVINKRWWY\*\*\*D\*HDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSCVPWVLRSSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATASVAAHSLGHQAAPGKSPGYGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGKNLE\*HDLDGVG\*RN\*QLHTINIHPT\*RIAEPTRKE\*TGIIGIG\*MGKSVELV\*HIKLAVVYKNIHNDSRRLGRFKNNFFCTFYSE\*S\*AGVLTIVISDPPPNPEGTRQARRNRRRRWRQRQRQIQQI

>B.2014.KX505400.chronic

MEPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQTNQASLSKQ\*VIHVMPSIQVLTIVSIVALVVVAIIAIVVWSIVFIEYRKILKQRKIDRLIDRIRDRAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVEGSNYHSILCIRC\*SI\*YRST\*CLGHTCLCTHRSQSTRNSIEKCDRRI\*YVGKQYGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFELH\*\*IEQYE\*\*EQDKQCYCRRERRNKKLLFQYHHKHKG\*GERLCTFL\*T\*YSTSKC\*C\*\*YQI\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*DVRGKRSV\*KCQHSTMHTWN\*ASNINSIAVKWQLSRRRGSN\*I\*KFHEQC\*NHNSTTE\*ICKN\*LYKAQQQYKKKCTYRTRESMVCNRRYNRRHKTSTL\*P\*\*DRME\*SFRTDSYKIKRTRTI\*E\*NNSL\*KFIRRGPRNCKAQF\*LWRGIFLL\*YNKTI\*\*YLEWN\*HCSKPNYRQYHTLMQNKTNYKQVAGSRKGNVCPSHRRTN\*VFIKHYRAVINKRWWY\*\*\*D\*HDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSCVPWVLRSSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATASVAAHSLGHQAAPGKSPGYGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGKNLE\*HDLDGVG\*RN\*QLHTINIHPT\*RIAEPARKE\*TGIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRLKNSFFCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRQRQRQIQTI

>B.2014.KX505403.chronic

MEPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQTNQASLSKQ\*VVHVMLSIQVLTIVSIVALVIVAIIAIVVWSIVFIEYRKILKQRKIDRLIDRIRDRAEDSGNESEGDQEELSAFMEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIKKCDRRI\*YVGKQYGRTDA\*GYN\*FMGSKPKAMCKVNPTLCYFELH\*\*IEQYEQ\*EQDKQCYCRRERRNKKLLFQYHHKHKG\*GERLCTFL\*T\*YSTSKC\*C\*\*YQI\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPSWFCDSKV\*Q\*DVRGKRSV\*KCQHSTMHTWN\*ASNINSIAVKWQLSRRRGSN\*I\*KFHEQC\*NHNSTTE\*ICKN\*LYKAQQQYKKKCTYRTRESMVCNRRYNRRHKTSTL\*P\*\*DRME\*SFRTDSYKIKRTRTI\*E\*NNSL\*KFIRRGPRNCKAQF\*LWRGIFLL\*YNKTI\*\*YLEWN\*HCSKPNYRKYHTLMQNKTNYKQVAGSRKGNVCPSHRRTN\*VFIKHYRAVINKRWWY\*\*\*D\*HDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSCVPWVLRSSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATASVAAHSLGHQAAPGKSPGYGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGKNLE\*HDLDGVG\*RN\*QLHTINIHPT\*RIAEPTRKE\*TGIIGIG\*MGKSVELV\*HIKLAVVYKNIHNDSRRLGRFKNNFFCTFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRQRQRQIQTI

>B.2014.KX505406.chronic

MEPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQTNQASLSKQ\*VVHVMLSIQVLTIVSIVALVIVAIIAIVVWSIVFIEYRKILKQRKIDRLIDRIRDRAEDSGNESEGDQEELSAFMEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIKKCDRRI\*YVGKQYGRTDA\*GYN\*FMGSKPKAMCKVNPTLCYFELH\*\*IEQYEQ\*EQDKQCYCRRERRNKKLLFQYHHKHKG\*GERLCTFL\*T\*YSTSKC\*C\*\*YQI\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPSWFCDSKV\*Q\*DVRGKRSV\*KCQHSTMHTWN\*ASNINSIAVKWQLSRRRGSN\*I\*KFHEQC\*NHNSTTE\*ICKN\*LYKAQQQYKKKCTYRTRESMVCNRRYNRRHKTSTL\*P\*\*DRME\*SFRTDSYKIKRTRTI\*E\*NNSL\*KFIRRGPRNCKAQF\*LWRGIFLL\*YNKTI\*\*YLEWN\*HCSKPNYRKYHTLMQNKTNYKQVAGSRKGNVCPSHRRTN\*VFIKHYRAVINKRWWY\*\*\*D\*HDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSCVPWVLRSSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATASVAAHSLGHQAAPGKSPGYGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGKNLE\*HDLDGVG\*RN\*QLHTINIHPT\*RIAEPTRKE\*TGIIGIG\*MGKSVELV\*HIKLAVVYKNIHNDSRRLGRFKNNFFCTFYSE\*S\*AGVLTIVISDPPPNPEGTRQARRNRRRRWRQRQRQIQQI

>B.2014.KX505407.chronic

MEPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQTNQASLSKQ\*VVHVMLSIQVLTIVSIVALVIVAIIAIVVWSIVFIEYRKILKQRKIDRLIDRIRDRAEDSGNESEGDQEELSAFMEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIKKCDRRI\*YVGKQYGRTDA\*GYN\*FMGSKPKAMCKVNPTLCYFELH\*\*IEQYEQ\*EQDKQCYCRRERRNKKLLFQYHHKHKG\*GERLCTFL\*T\*YSTSKC\*C\*\*YQI\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPSWFCDSKV\*Q\*DVRGKRSV\*KCQHSTMHTWN\*ASNINSIAVKWQLSRRRGSN\*I\*KFHEQC\*NHNSTTE\*ICKN\*LYKAQQQYKKKCTYRTRESMVCNRRYNRRHKTSTL\*P\*\*DRME\*SFRTDSYKIKRTRTI\*E\*NNSL\*KFIRRGPRNCKAQF\*LWRGIFLL\*YNKTI\*\*YLEWN\*HCSKPNYRKYHTLMQNKTNYKQVAGSRKGNVCPSHRRTN\*VFIKHYRAVINKRWWY\*\*\*D\*HDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSCVPWVLRSSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATASVAAHSLGHQAAPGKSPGYGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGKNLE\*HDLDGVG\*RN\*QLHTINIHPT\*RIAEPTRKE\*TGIIGIG\*MGKSVELV\*HIKLAVVYKNIHNDSRRLGRFKNNFFCTFYSE\*S\*AGVLTIVISDPPPNPEGTRQARRNRRRRWRQRQRQIQQI

>B.2014.KX505408.chronic

MEPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQTNQASLSKQ\*VVHVMLSIQVLTIVSIVALVVVAIIAIVVWSIVFIEYRKILKQRKIDRLIDRIRDRAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVEGSNYHSILCIRC\*SI\*YRST\*CLGHTCLCTHRSQSTRSSIGKCDRRI\*YVGKQYGRTDA\*GYN\*FMGSKPKAMCKVNPTLCYFELH\*\*IKQYEHYEQDKQCYCRRERRNKKLLFQYHHKHKG\*GERLCTFL\*T\*YSTSKC\*C\*\*YQI\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGGFCDSKV\*Q\*DVRGKRSV\*KCQHSTMHTWN\*ASNINSIAVKWQLSRRRGSN\*I\*KFHEQC\*NHNSTTE\*ICKN\*LYKAQQQYKKKCTYRTRESMVCNRRYNRRHKTSTL\*P\*\*DRME\*SFRTDSYKIKRTRTI\*E\*NNSL\*KFIRRGPRNCKAQF\*LWRGIFLL\*YNKTI\*\*YLEWN\*HCSKPNYRQYHTLMQNKTNYKQVAGSRKGNVCPSHRRTN\*VFIKHYRDVINKRWWY\*\*\*D\*HDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSCVPWVLRSSRKHYGRSVNNADGTGQAIIVWYSATAKQLAESY\*GATASVAAHSLGHQAAPGKSPGYGKIPTGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISGKNLE\*HDLDGVG\*RN\*QLHTINIHPT\*RIAEPTRKE\*TGIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRLKNSFFCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRQRQRQIQTI

>B.2014.KX505411.chronic

MEPVDPRLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQTNQASLSKQ\*VIHVMPSIQVLTIVSIVALVVVAIIAIVVWSIVFIEYRKILKQRKIDRLIDRIRDRAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRSQSTRNSIEKCDRRI\*YVGKQYGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFELH\*\*IEQYEQ\*EQDKQCYCRRERRNKKLLFQYHHKHKG\*GERLCTFL\*T\*YSTSKC\*C\*WYQI\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*DVRGKRSV\*KCQHSTMHTWN\*ASNINSIAVKWQLSRRRGSN\*I\*KFHEQC\*NHNSTTE\*ICKN\*LYKAQQQYKKKCTYRTRESMVCNRRYNRRHKTSTL\*P\*\*DRME\*SFRTDSYKIKRTRTI\*E\*NNSL\*KFIRRGPRNCKAQF\*LWRGIFLL\*YNKTI\*\*YLEWN\*HCSKPNYRKYHTLMQNKTNYKQVAGSRKGNVCPSHRRTN\*VFIKHYRAVINKRWWY\*\*\*D\*HDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSCVPWVLRSSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATASVAAHSLGHQAAPGKSPGYGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGKNLE\*HDLDGVG\*RN\*QLHTINIHPT\*RIAEPARKE\*TGIIGIG\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRLKNSFFCAFYSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRQRQRQIQTI

>B.2014.KX505412.chronic

MEPVDPRLEPWNHPGSQPKTACTKCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQSHISNQ\*VVNVMNSLQIASVIALVIVGILAIAVWSVVFIEYRKILRQREIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CCRTIVGHSLLWGTCVERNNHHFILCIRC\*RV\*YRGT\*CLGHTCLCTYRPQPTRSSIGKCDRRI\*YVEK\*HGRTNA\*GHN\*FMGSKPKAMCKTNSTLCYFKLH\*FEKEYYYQ\*CH\*C\*CHYGGRRNEKLLFQCHHKHKR\*DKE\*LCTSV\*I\*YSTNR\*\*\*YQL\*VD\*L\*HLSHYTGLSKGILRANSHTLLCPGWFCDSKV\*\*\*EVQWNRKM\*QCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KSHKQC\*NHNSTSECICRN\*LYKTQQQYKKRYTYRTRESILCNRRHNRKNKTGILYC\*WNKME\*HFTKDS\*KIKRIHRI\*E\*NSSL\*SLLRRGPRNCNA\*F\*LWRGVFLL\*YNKPV\*\*YLEC\*\*YYW\*GSVRQHHTPMQNKTSYKHVAGSRKSNVCSSHPRTN\*MLIKYYRVTINKRWW\*HL\*V\*DLQTWRRRYERQLEK\*TI\*I\*SSKD\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*DATASVAAHSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*IFRYNLAEHDLDAVGKRN\*KLHRHNIQPN\*RVAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFSYTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRTF

>B.2014.KX505415.chronic

MEPVDPRLEPWNHPGSQPKTACTKCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQSHISNQ\*VVNVMNSLQIASVIALVIVGILAIAVWSVVFIEYRKILRQREIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CCRTIVGHSLLWGTCVERNNHHFILCIRC\*RV\*YRGT\*CLGHTCLCTYRPQPTRSSIGKCDRRI\*YVEK\*HGRTNA\*GHN\*FMGSKPKAMCKTNSTLCYFKLH\*FEKEYYYQ\*CH\*C\*CHYGGRRNEKLLFQCHHKHKR\*DKE\*LCTSV\*I\*YSTNR\*\*\*YQL\*VD\*L\*HLSHYTGLSKGILRANSHTLLCPGWFCDSKV\*\*\*EVQWNRKM\*QCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KSHKQC\*NHNSTSECICRN\*LYKTQQQYKKRYTYRTRESILCNRRHNRKNKTGILYC\*WNKME\*HFTKDS\*KIKRIHRI\*E\*NSSL\*SLLRRGPRNCNA\*F\*LWRGVFLL\*YNKPV\*\*YLEC\*\*YYW\*GSVRQHHTPMQNKTSYKHVAGSRKSNVCSSHPRTN\*MLIKYYRVTINKRWW\*HL\*V\*DLQTWRRRYERQLEK\*TI\*I\*SSKD\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*DATASVAAHSLGHQAAPDKSPGYRKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*IFRYNLAEHDLDAVGKRN\*KLHRHNIQPN\*RVAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFSYTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRTF

>B.2014.KX505419.chronic

MEPVDPRLEPWNHPGSQPKTACTKCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQSHISNQ\*VVNVMNSLQIASVIALVIVGILAIAVWSVVFIEYRKILRQREIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*CCRTIVGHSLLWGTCVERNNHHFILCIRC\*RV\*YRGT\*CLGHTCLCTYRPQPTRSSIGKCDRRI\*YVEK\*HGRTNA\*GHN\*FMGSKPKAMCKTNSTLCYFKLH\*FEKEYYYQ\*CH\*C\*CHYGGRRNEKLLFQCHHKHKR\*DKE\*LCTSV\*I\*YSTNR\*\*\*YQL\*VD\*L\*HLSHYTGLSKGILRANSHTLLCPGWFCDSKV\*\*\*EVQWNRKM\*QCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KSHKQC\*NHNSTSECICRN\*LYKTQQQYKKRYTYRTRESILCNRRHNRKNKTGILYC\*WNKME\*HFTKDS\*KIKRIHRI\*E\*NSSL\*SLLRRGPRNCNA\*F\*LWRGVFLL\*YNKPV\*\*YLEC\*\*YYW\*GSVRQHHTPMQNKTSYKHVAGSRKSNVCSSHPRTN\*MLIKYYRVTINKRWW\*HL\*V\*DLQTWRRRYERQLEK\*TI\*I\*SSKD\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*DATASVAAHSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*IFRYNLAEHDLDAVGKRN\*KLHRHNIQPN\*RVAKPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFSYTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRTF

>B.2014.KX505435.chronic

MEPVDPRLEPWKHPGSQPRTKCTNCYCKKCCFHCQVCFITKGLGISNGRKKRRQRRRTHQNSPTHQVPLPKQ\*VVYVMQTLAILAIVALVLAAILAIIVWTIVLIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELLALEMGLDRGHLAPWVVNDQ\*CYRQVVGHSLLWGTCVERSSHHSILCIRC\*SI\*HRGA\*CLGHTCLCTHRPKPTRSKIGKCDRKF\*YVEK\*HGRADA\*GYN\*FMGSKSKAMCKINPTLCYFKLL\*C\*FY\*G\*QYQ\*\*\*\*\*CVTDGGRRDKKLLFQCHHKHKR\*DNKRICTFL\*T\*CSKNRW\*\*\*LYIDKL\*HLSHYTGLPKGII\*TNSYTLLYPGWFCDSEMQ\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAAKWQSSRRRDSN\*ISKFLGQC\*NHNSTAK\*ICSN\*LYKTQQQYKEKYTYRTRGSILCNRRHNRKYKASTL\*P\*\*NSLE\*HFETDSYKITRAV\*ECNNSL\*SIFRRGPRNCNAQF\*LWRGIFLL\*YIKAV\*QYLE\*YKYWGVGVK\*\*\*NNHTPVQNKTNYKQMAESRKSHVCPSHQRTN\*MFIKYYRVTINKRWWYK\*DRE\*DRDLQTWRRRYEGQLEK\*IV\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAKSY\*GATASVATHSLGHQAAPGKSPCCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*ISK\*DLG\*HDLDGMGERN\*QLHKLNIQLN\*RITEPTGKE\*TGIIGIG\*VGKFVELVFNNKLAVVYKIIHNDSRGFNRFKNSFYCTFYSE\*S\*EGILTIIIPDPPPNPEGTRQARRNRRRRWRTRQRWIRSI

>B.2014.KX505440.chronic

MEPVDPRLEPWKHPGSQPRTKCTNCYCKKCCFHCQVCFITKGLGISNGRKKRRQRRRTHQNSPTHQVPLPKQ\*VVYVMQTLAILAIVALVLAAILAIIVWTIVLIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELLALEMGLDRGHLAPWVVNDQ\*CYRQVVGHSLLWGTCVERSSHHSILCIRC\*SI\*HRGA\*CLGHTCLCTHRPKPTRSKIGKCDRKF\*YVEK\*HGRADA\*GYN\*FMGSKSKAMCKINPTLCYFKLL\*C\*FY\*G\*QYQ\*\*\*\*\*CVTDGGRRDKKLLFQCHHKHKR\*DNKRICTFL\*T\*CSKNRW\*\*\*LYIDKL\*HLSHYTGLPKGII\*TNSYTLLYPGWFCDSEMQ\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSTAAKWQSSRRRDSN\*ISKFLGQC\*NHNSTAK\*ICSN\*LYKTQQQYKEKYTYRTRGSILCNRRHNRKYKASTL\*P\*\*NSLE\*HFETDSYKITRAV\*ECNNSL\*SIFRRGPRNCNAQF\*LWRGVFLL\*YIKAV\*QYLE\*YKYWGVGVK\*\*\*NNHTPVQNKTNYKQMAESRKSHVCPSHQRTN\*MFIKYYRVTINKRWWYK\*DRE\*DRDLQTWRRRYEGQLEK\*IV\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAKSY\*GATASVATHSLGHQAAPGKSPCCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*ISK\*DLG\*HDLDGMGERN\*QLHKLNIQLN\*RITEPTGKE\*TGIIGIG\*VGKFVELVFNNKLAVVYKIIHNDSRGLVHSQRRQDILDLWVYHTQGYFPDWQNYTPGPGIRYPLTLGWCFKLVPVDKEQVEKENEGENNSLLHPMSL

>B.2015.KX505441.chronic

MDPVDPRLEPWKHPGSQPKTPCNKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDSQTHQAYLPKQ\*VVYVMQPLEILAIAALVVAAILAIIVWTIVGIEIRKTLRQRKIDRILDRIRERAEDSGNDSDGDQEELAALVEMGHDAPWDVDDL\*CCKTEVGHSLLWGTCVERSNHHSLLCIRC\*II\*DRET\*CLGHTCLCTHRPQPTRNSDGQCDRRL\*CVEK\*HGRPDA\*GCN\*FMGSKPKAMCKINPTLCYFKLY\*CHCY\*CH\*\*\*\*N\*YH\*\*NKEMLFRCYHRQKR\*SKKGVCTFL\*T\*YSTNR\*E\*Q\*QE\*E\*Q\*HSRTI\*VDKL\*HLSPYTSLSKGILSANSHTLLCPGWFCDSKV\*\*QEFYWVRIMYKCQHSTMYTWD\*ASSVNSTAVKWQPSRGRGSN\*I\*KLLKQC\*NYNSTAENICIN\*LYKTQ\*QYKKRYTYRTRKNILCSRRNNRRYKTSTL\*H\*\*RRLE\*YSKTGSGKIGGPI\*YNKNNLQSLIRRRPRNCNAQF\*LWRGIFLLQYNTTI\*\*YLVKK\*YLGEE\*RQFN\*\*YYHTPMQNKTNYKHVAGSRKSNVYLPNQRTD\*L\*LKYYRDTINKRWWKK\*\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKNCTIRNSTHCGKKKSGAERKKSSTRSYVPWVLGSSRKHYGRSISDADGTGQTIIVWYSATAEQSAEGY\*GATSSVATHSLGHQAAPGKSPGSGKIPKGSTAPRNLGLLWKTHLHH\*CAVE\*\*LE\*YISERHLEQHDLDAVGERN\*QLHRCNIPIT\*RIAKPTRKE\*TRIIRIR\*MGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFFCTFYSK\*S\*AGVFTIIVSDPPPNPEGTRQARRNRRRRWRERNRQIQAI

>B.2015.KX505442.chronic

MDPVDPRLEPWKHPGSQPKTPCNKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDSQTHQAYLPKQ\*VVYVMQPLEILAIAALVVAAILAIIVWTIVGIEIRKTLRQRKIDRILDRIRERAEDSGNDSDGDQEELAALVEMGHDAPWDVDDL\*CCKTEVGHSLLWGTCVERSNHHSLLCIRC\*II\*DRET\*CLGHTCLCTHRPQPTRNSDGQCDRRL\*CVEK\*HGRPDA\*GCN\*FMGSKPKAMCKINPTLCYFKLY\*CHCY\*CH\*\*\*\*N\*YH\*\*NKEMLFRCYHRQKR\*SKKGVCTFL\*T\*YSTNR\*E\*Q\*QE\*E\*Q\*HSRTI\*VDKL\*HLSPYTSLSKGILSANSHTLLCPGWFCDSKV\*\*QEFYWVRIMYKCQHSTMYTWD\*ASSVNSTAVKWQPSRGRGSN\*I\*KLLKQC\*NYNSTAENICIN\*LYKTQ\*QYKKRYTYRTRKNILCSRRNNRRYKTSTL\*H\*\*RRLE\*YSKTGSGKIGGPI\*YNKNNLQSLIRRRPKNCNAQF\*LWRGIFLLQYNTTI\*\*YLVKK\*YLGEE\*RQFN\*\*YYHTPMQNKTNYKHVAGSRKSNVYLPNQRTD\*L\*LKYYRDTINKRWWKK\*\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKNCTIRNSTHCGKKKSGAERKKSSTRSYVPWVLGSSRKHYGRSISDADGTGQTIIVWYSATAEQSAEGY\*GATSSVATHSLGHQAAPGKSPGSGKIPKGSTAPRNLGLLWKTHLHH\*CAVE\*\*LE\*YISERHLEQHDLDAVGERN\*QLHRCNIPIT\*RIAKPTRKE\*TRIIRIR\*MGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFFCTFYSK\*S\*AGVFTIIVSDPPPNPEGTRQARRNRRRRWRERNRQIQAI

>B.2015.KX505443.chronic

MDPVDPKLEPWKHPGSQPKTPCNKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDSQTHQAYLPKQ\*VVYVMQPLEILAIAALVVAAILAIIVWTIVGIEIRKTLRQRKIDRILDKIRERAEDSGNDSDGDQEELAALVEMGHDAPWDVDDL\*CCKTEVGHSLLWGTCVERSNHHSLLCIRC\*II\*DRET\*CLGHTCLCTHRPQPTRNSDGQCDRRL\*CVEK\*HGRPDA\*GCN\*FMGSKPKAMCKINPTLCYFKLY\*CHCY\*CH\*\*\*\*N\*YH\*\*NKEMLFQCYHRQKR\*SKKGVCTFL\*T\*YSTNR\*K\*Q\*QE\*E\*Q\*HSRTI\*VNKL\*HLSPYTSLSKGILSANSHTLLCPGWFCDSKV\*\*QKFYWVRIMYKCQHSTMYTWD\*ASSVNSTAVKWQPSRGRGSN\*I\*KLLKQC\*NYNSTAENICIN\*LYKTQ\*QYKKRYTYRTRKNILCSRKNNRRYKTSTL\*H\*\*RRLE\*YSKTGSEKIGGPI\*YNKNNLQSLIRRRPRNCNAQF\*LWRGIFLLQYNTTI\*\*YLVKK\*YLGKE\*RQFN\*\*YYHTPMQNKTNYKHVAGSRKSNVYLPNQRTD\*L\*LKYYRDTINKKWWKK\*\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SNKNCTIRNSTHCGKKKSGAERKKSSTRSYVPWVLGSSRKHYGRSISDANGTGQTIIVWYSATAEQSAEGY\*GATSSVATHSLGHQAAPGKSPGSGKIPKGSTAPRNLGLLWKTHLHH\*CAVE\*\*LE\*YISERHLEQHDLDAVEKKN\*QLHRCNIPIT\*RIAKPTRKE\*TRIIKIR\*MGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFFCTFYSK\*S\*AGVFTIIVSDPPPNPEGTRQARRNRRRRWREKNRQIQAI

>B.2015.KX505444.chronic

MDPVDPKLEPWKHPGSQPKTPCNKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDSQTHQAYLPKQ\*VVYVMQPLEILAIAALVVAAILAIIVWTIVGIEIRKTLRQRKIDRILDKIRERAEDSGNDSDGDQEELAALVEMGHDAPWDVDDL\*CCKTEVGHSLLWGTCVERSNHHSLLCIRC\*II\*DRET\*CLGHTCLCTHRPQPTRNSDGQCDRRL\*CVEK\*HGRPDA\*GCN\*FMGSKPKAMCKINPTLCYFKLY\*CHCY\*CH\*\*\*\*N\*YH\*\*NKEMLFQCYHRQKR\*SKKGVCTFL\*T\*YSTNR\*K\*Q\*QE\*E\*Q\*HSRTI\*VNKL\*HLSPYTSLSKGILSANSHTLLCPGWFCDSKV\*\*QKFYWVRIMYKCQHSTMYTWD\*ASSVNSTAVKWQPSRGRGSN\*I\*KLLKQC\*NYNSTAENICIN\*LYKTQ\*QYKKRYTYRTRKNILCSRKNNRRYKTSTL\*H\*\*RRLE\*YSKTGSEKIGGPI\*YNKNNLQSLIRRRPRNCNAQF\*LWRGIFLLQYNTTI\*\*YLVKK\*YLGKE\*RQFN\*\*YYHTPMQNKTNYKHVAGSRKSNVYLPNQRTD\*L\*LKYYRDTINKKWWKK\*\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SNKNCTIRNSTHCGKKKSGAERKKSSTRSYVPWVLGSSRKHYGRSISDANGTGQTIIVWYSATAEQSAEGY\*GATSSVATHSLGHQAAPGKSPGSGKIPKGSTAPRNLGLLWKTHLHH\*CAVE\*\*LE\*YISERHLEQHDLDAVEKKN\*QLHRCNIPIT\*RIAKPTRKE\*TRIIKIR\*MGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFFCTFYSK\*S\*AGVFTIIVSDPPPNPEGTRQARRNRRRRWREKNRQIQAI

>B.2015.KX505446.chronic

MDPVDPRLEPWKHPGSQPKTPCNKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDSQTHQAYLPKQ\*VVYVMQPLEILAIAALVVAAILAIIVWTIVGIEIRKTLRQRKIDRILDRIRERAEDSGNDSDGDQEELAALVEMGHDAPWDVDDL\*CCKTEVGHSLLWGTCVERSNHHSLLCIRC\*II\*DRET\*CLGHTCLCTHRPQPTRNSDGQCDRRL\*CVEK\*HGRPDA\*GCN\*FMGSKPKAMCKINPTLCYFKLY\*CHCY\*CH\*\*\*\*N\*YH\*\*NKEMLFRCYHRQKR\*SKKGVCTFL\*T\*YSTNR\*E\*Q\*QE\*E\*Q\*HSRTI\*VDKL\*HLSPYTSLSKGILSANSHTLLCPGWFCDSKV\*\*QEFYWVRIMYKCQHSTMYTWD\*ASSVNSTAVKWQPSRGRGSN\*I\*KLLKQC\*NYNSTAENICIN\*LYKTQ\*QYKKRYTYRTRKNILCSRRNNRRYKTSTL\*H\*\*RRLE\*YSKTGSGKIGGPI\*YNKNNLQSLIRRRPRNCNAQF\*LWRGIFLLQYNTTI\*\*YLVKK\*YLGEE\*RQFN\*\*YYHTPMQNKTNYKHVAGSRKSNVYLPNQRTD\*L\*LKYYRDTINKRWWKK\*\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKNCTIRNSTHCGKKKSGAERKKSSTRSYVPWVLGSSRKHYGRSISDADGTGQTIIVWYSATAEQSAEGY\*GATSSVATHSLGHQAAPGKSPGSGKIPKGSTAPRNLGLLWKTHLHH\*CAVE\*\*LE\*YISERHLEQHDLDAVGERN\*QLHRCNIPIT\*RIAKPTRKE\*TRIIRIR\*MGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFFCTFYSK\*S\*AGVFTIIVSDPPPNPEGTRQARRNRRRRWRERNRQIQAI

>B.2015.KX505448.chronic

MDPVDPRLEPWKHPGSQPKTPCNKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDSQTHQAYLPKQ\*VVYVMQPLEILAIAALVVAAILAIIVWTIVGIEIRKTLRQRKIDRILDRIRERAEDSGNDSDGDQEELAALVEMGHDAPWDVDNL\*CCKTEVGHSLLWGTCVERSNHHSLLCIRC\*II\*DRET\*CLGHTCLCTHRPQPTRNSDGQCDRRL\*CVEK\*HGRPDA\*GCN\*FMGSKPKAMCKINPTLCYFKLY\*CHCY\*CH\*\*\*\*N\*YH\*\*NKEMLFRCYHRQKR\*SKKGVCTFL\*T\*YSTNR\*E\*Q\*QE\*E\*Q\*HSRTI\*VDKL\*HLSPYTSLSKGILSANSHTLLCPGWFCDSKV\*\*QEFYWVRIMYKCQHSTMYTWD\*ASSVNSTAVKWQPSRGRGSN\*I\*KLLKQC\*NYNSTAENICIN\*LYKTQ\*QYKKRYTYRTRKNILCSRRNNRRYKTSTL\*H\*\*RRLE\*YSKTGSGKIGGPI\*YNKNNLQSLIRRRPRNCNAQF\*LWRGIFLLQYNTTI\*\*YLVKK\*YLGEE\*RQFN\*\*YYHTPMQNKTNYKHVAGSRKSNVYLPNQRTD\*L\*LKYYRDTINKRWWKK\*\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKNCTIRNSTHCGKKKSGAERKKSSTRSYVPWVLGSSRKHYGRSISDADGTGQTIIVWYSATAEQSAEGY\*GATSSVATHSLGHQAAPGKSPGSGKIPKGSTAPRNLGLLWKTHLHH\*CAVE\*\*LE\*YISERHLEQHDLDAVGERN\*QLHRCNIPIT\*RIAKPTRKE\*TRIIRIR\*MGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFFCTFYSK\*S\*AGVFTIIVSDPPPNPEGTRQARRNRRRRWRERNRQIQAI

>B.2015.KX505450.chronic

MDPVDPRLEPWKHPGSQPKTPCNKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDSQTHQAYLPKQ\*VVYVMQPLEILAIAALVVAAILAIIVWTIVGIEIRKTLRQRKIDRILDRIRERAEDSGNDSDGDQEELAALVEMGHDAPWDVDDL\*CCKTEVGHSLLWGTCVERSNHHSLLCIRC\*II\*DRET\*CLGHTCLCTHRPQPTRNSDGQCDRRL\*CVEK\*HGRPDA\*GCN\*FMGSKPKAMCKINPTLCYFKLY\*CHCY\*CH\*\*\*\*N\*YH\*\*NKEMLFRCYHRQKR\*SKKGVCTFL\*T\*YSTNR\*E\*Q\*QE\*E\*Q\*HSRTI\*VDKL\*HLSPYTSLSKGILSANSHTLLCPGWFCDSKV\*\*QEFYWVRIMYKCQHSTMYTWD\*ASSVNSTAVKWQPSRGRGSN\*I\*KLLKQC\*NYNSTAENICIN\*LYKTQ\*QYKKRYTYRTRKNILCSRRNNRRYKTSTL\*H\*\*RRLE\*YSKTGSGKIGGPI\*YNKNNLQSLIRRRPRNCNAQF\*LWRGIFSTAIQHNYLIVLGQKIILGRRMKTIQLIVLSHSHAE\*NKL\*TCGRK\*EKQCIPPQSKDRLAVTQVLQGYY\*QEMVEEIIVTMRPSDLEEEI\*GTIGEVNYINIK\*\*KLYH\*E\*HPLRQKEEWCREKKEQH\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDYYCLV\*CNSRTIC\*GLLRRNIICCNSQSGASSSSRQESWLWKDT\*GINSS\*EFGVALENSFAPLMCRGMIVGVIHQ\*KTFGTA\*PGCSGRKKLTITQM\*YTNYLKNRKTNKKRMNKNY\*N\*INGQVCGVGLT\*HSGCGI\*KYS\*\*\*\*EAW\*V\*E\*FFLYFL\*\*IELGRGIHHYRFRPASQPRGDPTGPKESEKKVEREKQTDPGH\*

>B.2015.KX505451.chronic

MDPVDPRLEPWKHPGSQPKTPCNKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDSQTHQAYLPKQ\*VVYVMQPLEILAIAALVVAAILAIIVWTIVGIEIRKTLRQRKIDRILDRIRERAEDSGNDSDGDQEELAALVEMGHDAPWDVDDL\*CCKTEVGHSLLWGTCVERSNHHSLLCIRC\*II\*DRET\*CLGHTCLCTHRPQPTRNSDGQCDRRL\*CVEK\*HGRPDA\*GCN\*FMGSKPKAMCKINPTLCYFKLY\*CHCY\*CH\*W\*\*N\*YH\*\*NKEMLFRCYHRQKR\*SKKGVCTFL\*T\*YSTNR\*E\*Q\*QE\*E\*Q\*HSRTI\*VDKL\*HLSPYTSLSKGILSANSHTLLCPGWFCDSKV\*\*QEFYWVRIMYKCQHSTMYTWD\*ASSVNSTAVKWQPSRGRGSN\*I\*KLLKQC\*NYNSTAENICIN\*LYKTQ\*QYKKRYTYRTRKNILCSRRNNRRYKTSTL\*H\*\*RRLE\*YSKTGSGKIGGPI\*YNKNNLQSLIRRRPRNCNAQF\*LWRGIFLLQYNTTI\*\*YLVKK\*YLGEE\*RQFN\*\*YYHTPMQNKTNYKHVAGSRKSNVYLPNQRTD\*L\*LKYYRDTINKRWWKK\*\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKNCTIRNSTHCGKKKSGAERKKSSTRSYVPWVLGSSRKHYGRSISDADGTGQTIIVWYSATAEQSAEGY\*GATSSVATHSLGHQAAPGKSPGSGKIPKGSTAPRNLGLLWKTHLHH\*CAVE\*\*LE\*YISERHLEQHDLDAVGERN\*QLHRCNIPIT\*RIAKPTRKE\*TRIIRIR\*MGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFFCTFYSK\*S\*AGVFTIIVSDPPPNPEGTRQARRNRRRRWRERNRQIQAI

>B.2015.KX505453.chronic

MDPVDPRLEPWKHPGSQPKTPCNKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDSQTHQAYLPKQ\*VVYVMQPLEILAIAALVVAAILAIIVWTIVGIEIRKTLRQRKIDRILDRIRERAEDSGNDSDGDQEELAALVEMGHDAPWDIDDL\*CCKTEVGHSLLWGTCVERSNHHSLLCIRC\*II\*DRET\*CLGHTCLCTHRPQPTRNSDGQCDRRL\*CVEK\*HGRPDA\*GCN\*FMGSKPKAMCKINPTLCYFKLY\*CHCY\*CH\*\*\*\*N\*YH\*\*NKEMLFRCYHRQKR\*SKKGVCTFL\*T\*YSTNR\*E\*Q\*QE\*E\*Q\*HSRTI\*VDKL\*HLSPYTSLSKGILSANSHTLLCPGWFCDSKV\*\*QEFYWVRIMYKCQHSTMYTWD\*ASSVNSTAVKWQPSRGRGSN\*I\*KLLKQC\*NYNSTAENICIN\*LYKTQ\*QYKKRYTYRTRKNILCSRRNNRRYKTSTL\*H\*\*RRLE\*YSKTGSGKIGGPI\*YNKNNLQSLIRRRPRNCNAQF\*LWRGIFLLQYNTTI\*\*YLVKK\*YLGEE\*RQFN\*\*YYHTPMQNKTNYKHVAGSRKSNVYLPNQRTD\*L\*LKYYRDTINKRWWKK\*\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKNCTIRNSTHCGKKKSGAERKKSSTRSYVPWVLGSSRKHYGRSISDADGTGQTIIVWYSATAEQSAEGY\*GATSSVATHSLGHQAAPGKSPGSGKIPKGSTAPRNLGLLWKTHLHH\*CAVE\*\*LE\*YISERHLEQHDLDAVGERN\*QLHRCNIPIT\*RIAKPTRKE\*TRIIRIR\*MGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFFCTFYSK\*S\*AGVFTIIVSDPPPNPEGTRQARRNRRRRWRERNRQIQAI

>B.2015.KX505457.chronic

MDPVDPRLEPWKHPGSQPKTPCNKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDSQTHQAYLPKQ\*VVYVMQPLEILAIAALVVAAILAIIVWTIVGIEIRKTLRQRKIDRILDRIRERAEDSGNDSDGDQEELAALVEMGHDAPWDVDDL\*CCKTEVGHSLLWGTCVERSNHHSLLCIRC\*II\*DRET\*CLGHTCLCTHRPQPTRNSDGQCDRRL\*CVEK\*HGRPDA\*GCN\*FMGSKPKAMCKINPTLCYFKLY\*CHCY\*CH\*\*\*\*N\*YH\*\*NKEMLFRCYHRQKR\*SKKGVCTFL\*T\*YSTNR\*E\*Q\*QE\*E\*Q\*HSRTI\*VDKL\*HLSPYTSLSKGILSANSHTLLCPGWFCDSKV\*\*QEFYWVRIMYKCQHSTMYTWD\*ASSVNSTAVKWQPSRGRGSN\*I\*KLLKQC\*NYNSTAENICIN\*LYKTQ\*QYKKRYTYRTRKNILCSRRNNRRYKTSTL\*H\*\*RRLE\*YSKTGSGKIGGPI\*YNKNNLQSLIRRRPRNCNAQF\*LWRGIFLLQYNTTI\*\*YLVKK\*YLGEE\*RQFN\*\*YYHTPMQNKTNYKHVAGSRKSNVYLPNQRTD\*L\*LKYYRDTINKRWWKK\*\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKNCTIRNSTHCGKKKSGAERKKSSTRSYVPWVLGSSRKHYGRSISDADGTGQTIIVWYSATAEQSAEGY\*GATSSVATHSLGHQAAPGKSPGSGKIPKGSTAPRNLGLLWKTHLHH\*CAVE\*\*LE\*YISERHLEQHDLDAVGERN\*QLHRCNIPIT\*RIAKPTRKE\*TRIIRIR\*MGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFFCTFYSK\*S\*AGVFTIIVSDPPPNPEGTRQARRNRRRRWRERNRQIQAI

>B.2015.KX505458.chronic

MDPVDPRLEPWKHPGSQPKTPCNKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRTPQDSQTHQAYLPKQ\*VVYVMQPLEILAIAALVVAAILAIIVWTIVGIEIRKTLRQRKIDRILDRIRERAEDSGNDSDGDQEELAALVEMGHDAPWDVDDL\*CCKTEVGHSLLWGTCVERSNHHSLLCIRC\*II\*DRET\*CLGHTCLCTHRPQPTRNSDGQCDRRL\*CVEK\*HGRPDA\*GCN\*FMGSKPKAMCKINPTLCYFKLY\*CHCY\*CH\*\*\*\*N\*YH\*\*NKEMLFRCYHRQKR\*SKKGVCTFL\*T\*YSTNR\*E\*Q\*QE\*E\*Q\*HSRTI\*VDKL\*HLSPYTSLSKGILSANSHTLLCPGWFCDSKV\*\*QEFYWVRIMYKCQHSTMYTWD\*ASSVNSTAVKWQPSRGRGSN\*I\*KLLKQC\*NYNSTAENICIN\*LYKTQ\*QYKKRYTYRTRKNILCSRRNNRRYKTSTL\*H\*\*RRLE\*YSKTGSGKIGGPI\*YNKNNLQSLIRRRPRNCNAQF\*LWRGIFLLQYNTTI\*\*YLVKK\*YLGEE\*RQFN\*\*YYHTPMQNKTNYKHVAGSRKSNVYLPNQRTD\*L\*LKYYRDTINKRWWKK\*\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKNCTIRNSTHCGKKKSGAERKKSSTRSYVPWVLGSSRKHYGRSISDADGTGQTIIVWYSATAEQSAEGY\*GATSSVATHSLGHQAAPGKSPGSGKIPKGSTAPRNLGLLWKTHLHH\*CAVE\*\*LE\*YISERHLEQHDLDAVGERN\*QLHRCNIPIT\*RIAKPTRKE\*TRIIRIR\*MGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFFCTFYSK\*S\*AGVFTIIVSDPPPNPEGTRQARRNRRRRWRERNRQIQAI

>B.2014.KX505460.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKRCCYHCQACFTKKALGISYGRKKRRQRRGPPQGSQTNQDPLPKQ\*VVYVMQPLVILAIVALVIVAIIAIIVWAIVFIEYRKILRQRRIDRILDRIRERAEDSGNESDGDREELLAVMEGDPNLEMGHLAPWDVNDL\*CYNKLVGHSLLWGSCVERSKHHSILCI\*C\*SICCRGT\*CLGHTRLCTHGPQSTRGEIGKCD\*KF\*HVEK\*HGRPNACRCNQLMG\*KLKAMCKINPTLCYFKLH\*Y\*YC\*\*E\*QY\*\*\*\*QWNNGARRNEKLLFQ\*HHRNEG\*DAASICTFL\*T\*CRTNN\*QQ\*QL\*VDKL\*YLSHYTGLSKDIL\*TNSHTLLCPGWFCASKV\*\*\*\*V\*WIRTM\*KCQYSTVYTWN\*ASSINSIVIKWQSSRRRHSN\*I\*KFLGQC\*NHNSTAE\*ICGNQLHKAQQQYNKRYTYGARKSILCNREYNRRHKTSTL\*H\*CKQLE\*NFTKDSHKIKRTI\*EYNNSL\*\*IFRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*YLE\*YLE\*\*GTVRC\*\*HYHNPMQNKTNCTHVAESRKGNVCPSHQWTN\*MFIKYYRVAISKRWW\*FQRYQGDFQGDFQTRRRKYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLRSSRKHYGRSVDGADGTSQTIIVWHSAAAEQSAEGY\*GATAHVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHYCALEC\*LE\*\*VSREYLGKHDLDGVGKRN\*QLHRLNIHLN\*TSADPARKE\*TRFIGIRYMGQFVELV\*HIKLAVVYKDIHNDSRRLDRFKNSFCCTFYSEWS\*AGILTPVISDPPPNPGGTRQARRNRRRRWRQRQRQIRDL

>B.2014.KX505475.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKRCCYHCQACFTKKALGISYGRKKRRQRRGPPQGSQTNQDPLPKQ\*VVYVMQPLVILAIVALVIVAIIAIIVWAIVFIEYRKILRQRRIDRILDRIRERAEDSGNESDGDREELLAVMEGDPNLEMGHLAPWDVNDL\*CYNKLVGHSLLWGSCVERSKHHSILCI\*C\*SICCRGT\*CLGHTRLCTHGPQSTRGEIGKCD\*KF\*HVEK\*HGRPNACRCNQLMG\*KLKAMCKINPTLCYFKLH\*Y\*YC\*\*E\*QY\*\*\*\*QWNNGARRNEKLLFQ\*HHRNER\*DAASICTFL\*T\*CRTNN\*QQ\*QL\*VDKL\*YLSHYTGLSKDIL\*TNSHTLLCPGWFCASKV\*\*\*\*V\*WIRTM\*KCQYSTVYTWN\*ASSINSIVIKWQSSRRRHSN\*I\*KFLGQC\*NHNSTAE\*ICGNQLHKAQQQYNKRYTYGARKSILCNREYNRRHKTSTL\*H\*CKQLE\*NFTKDSHKIKRTI\*EYNNSL\*\*IFRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*YLE\*YLE\*\*GTVRC\*\*HYHNPMQNKTNCTHVAESRKGNVCPSHQWTN\*MFIKYYRVAISKRWW\*FQRYQGDFQGDFQTRRRKYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLRSSRKHYGRSVDGADGTSQTIIVWHSAAAEQSAEGY\*GATAHVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHYCALEC\*LE\*\*VSREYLGKHDLDGVGKRN\*QLHRLNIHLN\*TSADPARKE\*TRFIGIRYMGQFVELV\*HIKLAVVYKDIHNDSRRLDRFKNSFCCTFYSEWS\*AGILTPVISDPPPNPGGTRQARRNRRRRWRQRQRQIRDL

>B.2014.KX505487.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKRCCYHCQACFTKKALGISYGRKKRRQRRGPPQGSQTNQDPLPKQ\*VVYVMQPLVILAIVALVIVAIIAIIVWAIVFIEYRKILRQRRIDRILDRIRERAEDSGNESDGDREELLAVMEGDPNLEMGHLAPWDVNDL\*CYNKLVGHSLLWGSCVERSKHHSILCI\*C\*SICCRGT\*CLGHTRLCTHGPQSTRGEIGKCD\*KF\*HVEK\*HGRPNACRCNQLMG\*KLKAMCKINPTLCYFKLH\*Y\*YC\*\*E\*QY\*\*\*\*QWNNGARRNEKLLFQ\*HHRNEG\*DAASICTFL\*T\*CRTNN\*QQ\*QL\*VDKL\*YLSHYTGLSKDIL\*TNSHTLLCPGWFCASKV\*\*\*\*V\*WIRTM\*KCQYSTVYTWN\*ASSINSIVIKWQSSRRRHSN\*I\*KFLGQC\*NHNSTAE\*ICGNQLHKAQQQYNKRYTYGARKSILCNREYNRRHKTSTL\*H\*CKQLE\*NFTKDSHKIKRTI\*EYNNSL\*\*IFRRGPRSCNAHF\*LWRGIFLL\*YNKTV\*\*YLE\*YLE\*YLE\*\*GTVRC\*\*HYHNPMQNKTNCTHVAESRKGNVCPSHQWTN\*MFIKYYRVAISKRWW\*FQRYQGDFQGDFQTRRRKYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSYVPWVLRSSRKHYGRSVDGADGTSQTIIVWHSAAAEQSAEGY\*GATAHVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHYCALEC\*LE\*\*VSREYLGKHDLDGVGKRN\*QLHRLNIHLN\*TSADPARKE\*TRFIGIRYMGQFVELV\*HIKLAVVYKDIHNDSRRLDRFKNSFCCTFYSEWS\*AGILTPVISDPPPNPGGTRQARRNRRRRWRQRQRQIRDL

>B.2014.KX505504.chronic

MEPVDPRLEPWKHPGSQPQTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAPQGSKTYQVSLPKQ\*VSHVMPPLQSLQIVAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESDGDQEELSALVEMGRDAPWDVDDR\*CYTKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRGA\*CLGHTCLCTHRPQPTRSVFKKCVRIF\*HVEK\*HGRTDA\*GYNQFMG\*ELKAMCKINPALCYFKLH\*CEKWYWE\*YWE\*\*YY\*QDRERRNEKLLFQYHHNSRK\*EAEKIYTF\*\*A\*SSTNRWW\*\*YNQL\*IDKL\*HLNSYTGLSKDIL\*TNSNTLLCSGWFCDSKM\*\*\*KV\*WIRTM\*KCQHSTMYTWDQTSSINSAVVKWQSSRRRCSA\*I\*KFLGQ\*\*YHNSTVKRTCRNSV\*KTQQQYKKKYNYRTRKSNVYNRHNRRYKKGTL\*H\*\*NKME\*HST\*NSGKIKNTI\*Q\*NNSL\*SILRRGSRSGNAHV\*LWRGIFLL\*FNKTV\*\*YLE\*D\*RALECY\*RVWEYY\*P\*HTPMQNKTNYKHVAESRKGNVCPSHQRQTSMYIKYYRAPINKRWW\*GE\*\*D\*DL\*ACRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGEEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSGSDADGTGQTIIVWYSAAAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*NL\*\*HLG\*HDLDAVGKRN\*QLHRLNIHIA\*RIADPTRKE\*TRIIGIG\*MDKFVELV\*HNKLAVVYKTVHNDSRRISRFKNSFCCAFYSE\*S\*AGILTITVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2014.KX505505.chronic

MEPVDPRLEPWKHPGSQPQTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAPQGSKTYQVSLPKQ\*VSHVMPPLQSLQIVAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESDGDQEELSALVEMGRDAPWDVDDR\*CYTKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRGA\*CLGHTCLCTHRPQPTRSVFKKCVRIF\*HVEK\*HGRTDA\*GYNQFMG\*ELKAMCKINPALCYFKLH\*CEKWYWE\*YWE\*\*YY\*QDRERRNEKLLFQYHHNSRK\*EAEKIYTF\*\*A\*SSTNRWW\*\*YNQL\*IDKL\*HLNSYTGLSKDIL\*TNSNTLLCSGWFCDSKM\*\*\*KV\*WIRTM\*KCQHSTMYTWDQTSSINSAVVKWQSSRRRCSA\*I\*KFLGQ\*\*YHNSTVKRTCRNSV\*KTQQQYKKKYNYRTRKSNVYNRHNRRYKKGTL\*H\*\*NKME\*HST\*NSGKIKNTI\*Q\*NNSL\*SILRRGSRSGNAHV\*LWRGIFLL\*FNKTV\*\*YLE\*D\*RALECY\*RVWEYY\*PYHTPMQNKTNYKHVAESRKGNVCPSHQRQTSMYIKYYRAPINKRWW\*GEQ\*D\*DL\*ACRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGEEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSGSDADGTGQTIIVWYSAAAEHLLKAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNKTYNDIWDNMTWMQWEKEIDNYTGLIYTLLEESQTQQEKNEQELLELDKWTSLWSWFDITNWLWYIKLFIMIVGGLVGLRIVFAVLSIVNRVRQGYSPLPFQTRLPTQRGPDRPEGIEGEGGEQDRDRSEPL

>B.2014.KX505508.chronic

MEPVDPRLEPWKHPGSQPQTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAPQGSKTYQVSLPKQ\*VSHVMPPLQSLQIVAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESDGDQEELSALVEMGRDAPWDVDDR\*CYTKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRGA\*CLGHTCLCTHRPQPTRSVFKKCVRIF\*HVEK\*HGRTDA\*GYNQFMG\*ELKAMCKINPALCYFKLH\*CEKWYWE\*YWE\*\*YY\*QDRERRNEKLLFQYHHNSRK\*EAEKIYTF\*\*A\*SSTNRWW\*\*YNQL\*IDKL\*HLNSYTGLSKDIL\*TNSNTLLCSGWFCDSKM\*\*\*KV\*WIRTM\*KCQHSTMYTWDQTSSINSAVVKWQSSRRRCSA\*I\*KFLGQ\*\*YHNSTVKRTCRNSV\*KTQQQYKKKYNYRTRKSNVYNRHNRRYKKGTL\*H\*\*NKME\*HST\*NSGKIKNTI\*Q\*NNSL\*SILRRGSRSGNAHV\*LWRGIFLL\*FNKTV\*\*YLE\*D\*RALECY\*RVWEYY\*PYHTPMQNKTNYKHVAESRKGNVCPSHQRQTSMYIKYYRAPINKRWW\*GE\*\*D\*DL\*ACRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGEEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSGSDADGTGQTIIVWYSAAAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*NL\*\*HLG\*HDLDAVGKRN\*QLHRLNIHIA\*RIADPTRKE\*TRIIGIG\*MDKFVELV\*HNKLAVVYKTVHNDSRRISRFKNSFCCAFYSE\*S\*AGILTITVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2014.KX505513.chronic

MEPVDPRLEPWKHPGSQPQTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAPQGSKTYQVSLPKQ\*VSHVMPPLQSLQIVAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESDGDQEELSALVEMGRDAPWDVDDR\*CYTKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRGA\*CLGHTCLCTHRPQPTRSVFKKCVRIF\*HVEK\*HGRTDA\*GYNQFMG\*ELKAMCKINPALCYFKLL\*CEKWYWE\*YWE\*\*YY\*QDRERRNEKLLFQYHHNSRK\*EAEKIYTF\*\*A\*SSTNRWW\*\*YNQL\*IDKL\*HLNSYTGLSKDIL\*TNSNTLLCSGWFCDSKM\*\*\*KV\*WIRTM\*KCQHSTMYTWDQTSSINSAVVKWQSSRRRCSA\*I\*KFLGQ\*\*YHNSTVKRTCRNSV\*KTQQQYKKKYNYRTRKSNVYNRHNRRYKKGTL\*H\*\*NKME\*HST\*NSGKIKNTI\*Q\*NNSL\*SILRRGSRSGNAHV\*LWRGIFLL\*FNKTV\*\*YLE\*D\*RALECY\*RVWEYY\*PYHTPMQNKTNYKHVAESRKGNVCPSHQRQTSMYIKYYRAPINKRWW\*GE\*\*D\*DL\*ACRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGEEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSGSDADGTGQTIIVWYSAAAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*NL\*\*HLG\*HDLDAVGKRN\*QLHRLNIHIA\*RIADPTRKE\*TRIIGIG\*MDKFVELV\*HNKLAVVYKTVHNDSRRISRFKNSFCCAFYSE\*S\*AGILTITVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2014.KX505514.chronic

MEPVDPRLEPWKHPGSQPQTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAPQGSKTYQVSLPKQ\*VSHVMPPLQSLQIVAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESDGDQEELSALVEMGRDAPWDVDDR\*CYTKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*DRDA\*CLGHTCLCTHRPQPTRSVFKKCVRIF\*HVEK\*HGRTDA\*GYNQFMG\*ELKAMCKINPALCYFKLH\*CEKWYWE\*YWE\*\*YY\*QDRERRNEKLLFQYHHNSRK\*EAEKIYTF\*\*A\*SSTNRWW\*\*YNQL\*IDKL\*HLNSYTGLSKDIL\*TNSNTLLCSGWFCDSKM\*\*\*KV\*WIRTM\*KCQHSTMYTWDQTSSINSAVVKWQSSRRRCSA\*I\*KFLGQ\*\*YHNSTVKRTCRNSV\*KTQQQYKKKYNYRTRKSNVYNRHNRRYKKGTL\*H\*\*NKME\*HST\*NSGKIKNTI\*Q\*NNSL\*SILRRGSRSGNAHV\*LWRGIFLL\*FNKTV\*\*YLE\*D\*RALECYGRVWEYY\*PYHTPMQNKTNYKHVAESRKGNVCPSHQR\*TSMYIKYYRAPINKRWW\*GE\*\*D\*DL\*ACRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGEEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSGSDADGTGQTIIVWYSAAAEQSAEGY\*GAAASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*NL\*\*HLG\*HDLDAVGKRN\*QLHRLNIHIA\*RIADPTRKE\*TRIIGIG\*MDXFVELV\*HNKLAVVYKTVHNDSRRISRFKNSFCCAFYSE\*S\*AGILTITVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2016.KX505535.chronic

MEPVDPSLEPWKHPGSQPKTPCTPCYCKRCCFHCYACFMTKGLGISNGRKKRRQRRRAPQDSETHQEALPEQ\*VVHVMFSLKVAAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSGLVERGHLAPWDIDD\*\*CYRTIVGHSLLWGTCVERGNHYSILCLRC\*RI\*NRGT\*CLGHTCLCAHRPQPTRNKNGKCDRTF\*HVEKFHGRTNA\*GYNQFMGSKSKAMCKTNPTLCYFKLH\*YY\*\*WCERDNRGWGHEKLLFQYNHRHER\*GAERICIFQQT\*YSSNG\*\*W\*Y\*\*N\*L\*VDKL\*HLSHYTGLSKDIL\*ANSNTLLCPSRFCNYKV\*\*\*DIQWNRTMYKCQHSTMHTWN\*ASSINSTTVKWQSSRRRYNN\*I\*KSHK\*C\*NHNSAAEGPCRNYLYKTQQQYKKEYNYGTRKSILYNRHNRKYKASTL\*H\*\*SKLD\*HSKKDS\*QIKRKI\*\*NNNL\*SAFRRRPRNCNAQL\*LWRGIFLL\*YNTAVQ\*YMELYWNCMYIEWNCS\*WDK\*HQYYSPMQDKTNYKHVAKSRKSNVQPSHQRSNSMYIKYYRDNINKR\*WWDWK\*\*K\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKKESGAERKKSSNIRSYVHWVLGSSRKHYGRSVSDADGTGQTIAVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGYGKIPKGPTAPGDLGLLWKTHLHHCRALEYYLE\*\*KSDYNLGKHDLDGVGKRN\*QLHRVDIQLT\*KFANTTRKE\*TRIIGIGPMGKFVELV\*HNKMAVVYKNIHDDSRRLDRFKNSFCCTFYSK\*S\*AGILTIIVADPTPSPEGTRQARRNRRRRWRERQRRIRTI

>B.2016.KX505536.chronic

MEPVDPSLEPWKHPGSQPKTPCTPCYCKRCCFHCYACFMTKGLGISNGRKKRRQRRRAPQDSETHQEALPEQ\*VVHVMFSLKVAAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSGLVERGHLAPWDIDD\*\*CYRTIVGHSLLWGTCVERGNHYSILCLRC\*RI\*NRGT\*CLGHTCLCAHRPQPTRNKNGKCDRTF\*HVEKFHGRTNA\*GYNQFMGSKSKAMCKTNPTLCYFKLH\*YY\*\*WCERDNRGWGHEKLLFQYNHRHER\*GAERICIFQQT\*YSSNG\*\*W\*Y\*\*N\*L\*VDKL\*HLSHYTGLSKDIL\*ANSNTLLCPSRFCNYKV\*\*\*DIQWNRTMYKCQHSTMHTWN\*ASSINSTTVKWQSSRRRYNN\*I\*KSHK\*C\*NHNSAAEGPCRNYLYKTQQQYKKEYNYGTRKSILYNRHNRKYKASTL\*H\*\*SKLD\*HSKKDS\*QIKRKI\*\*NNNL\*SAFRRRPRNCNAQL\*LWRGIFLL\*YNTAVQ\*YMGLYWNCMYIEWNCS\*WDK\*HQYYSPMQDKTNYKHVAKSRKSNVQPSHQRSNSMYIKYYRDNINKR\*WWDWK\*\*K\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKKESGAERKKSSNIRSYVHWVLGSSRKHYGRSVSDADGTGQTIAVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGYGKIPKGPTAPGDLGLLWKTHLHHCRALEYYLE\*\*KSDYNLGKHDLDGVGKRN\*QLHRVDIQLT\*KFANTTRKE\*TRIIGIGPMGKFVELV\*HNKMAVVYKNIHDDSRRLDRFKNSFCCTFYSK\*S\*AGILTIIVADPTPSPEGTRQARRNRRRRWRERQRRIRTI

>B.2016.KX505539.chronic

MEPVDPSLEPWKHPGSQPKTPCTPCYCKRCCFHCYACFMTKGLGISNGRKKRRQRRRAPQDSETHQEALPEQ\*VVHVMFSLKVAAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSGLVERGHLAPWDIDD\*\*CYRTIVGHSLLWGTCVERGNHYSILCLRC\*RI\*NRGT\*CLGHTCLCAHRPQPTRNKNGKCDRTF\*HVEKFHGRTNA\*GYNQFMGSKSKAMCKTNPTLCYFKLH\*YY\*\*WCERDNRGWGHEKLLFQYNHRHGR\*GAERICIFQQT\*YSSNG\*\*W\*Y\*\*N\*L\*VDKL\*HLSHYTGLSKDIL\*ANSNTLLCPSRFCNYKV\*\*\*DIQWNRTMYKCQHSTMHTWN\*ASSINSTTVKWQSSRRRYNN\*I\*KSHK\*C\*NHNSAAEGPCRNYLYKTQQQYKKEYNYGTRKSILYNRHNRKYKASTL\*H\*\*SKLD\*HSKKDS\*QIKRKI\*\*NNNL\*SAFRRRPRNCNAQL\*LWRGIFLL\*YNTAVQ\*YMELYWNCMYIEWNCS\*WDK\*HQYYSPMQDKTNYKHVAKSRKSNVQPSHQRSNSMYIKYYRDNINKR\*WWDWK\*\*K\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKKESGAERKKSSNIRSYVHWVLGSSRKHYGRSVSDADGTGQTIAVWYSATAEQSAEGY\*GATASVATHSLGHQTAPGKSPGYGKIPKGPTAPGDLGLLWKTHLHHCRALEYYLE\*\*KSDYNLGKHDLDGVGKRN\*QLHRVDIQLT\*KFANTTRKE\*TRIIGIGPMGKFVELV\*HNKMAVVYKNIHDDSRRLDRFKNSFCCTFYSK\*S\*AGILTIIVADPTPSPEGTRQARRNRRRRWRERQRRIRTI

>B.2015.KX505552.chronic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCYHCPVCFLTKGLGISYGRKKRRQRRRTPQDSPTYQVSLSKQ\*VIHVMQPLEILAIVALVVAIILAIIVWSIVFIEYRKIRRQKRIDRLIDRIRDRAEDSGNESEGDEEDLAALLEMGNHAPWNVDDQ\*CCRELVGHSLLWGTCVERSKHHSILCIRC\*ST\*NRGT\*CLGHTCLCTHKPRPTRNRLSKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINSTLCYFKL\*\*YQWH\*YY\*CH\*G\*LGNGNEKLLFQYHHREKR\*SKDRICTFLYT\*CSTNKG\*\*\*\*G\*\*\*\*\*\*\*\*L\*IDKL\*YLSHYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EFQWNRTMSKCQHSTVYTWN\*TSSVNSTAVKW\*SGRR\*CSNQI\*KSHKQC\*NHNNTAESIYRN\*LYKT\*QQYKKEHTYGARKSIFCNRHNRRYKTSTL\*SE\*NKME\*HFKSDSYKIRKAT\*YNNNSLSATIRRGPRNCKAQF\*L\*RRIFLL\*H\*QTV\*\*YLE\*\*W\*WYLE\*G\*Y\*RVK\*HNHTPMQNKTNHKHVAGSRKSNVCPSHRGTN\*MFIKYYRAAINKRWW\*F\*QHERRDI\*TWRRRYEGQLEK\*IIQI\*SSKN\*TNRDST\*KGTEKSGAERKKSSGSIRSFVPWVLRSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAESY\*GATASVATHGLGHQTAPGKSPGCGKIPRGSTAPRDLGLLWKAHLHHHCALEH\*LE\*\*ILHRDLE\*HDLETVGKRN\*QLHRHNIQITYRIADPARKE\*ARLVEIGFLGKSVELV\*YIKMAVVYKNIHNDSRRLDRSKNSFCCAFYSE\*S\*AGILTTIVSDPPPSSKGTRQARRNRRRRWRERQRQIHSI

>B.2015.KX505555.chronic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCYHCPVCFLTKGLGISYGRKKRRQRRRTPQDSPTYQVSLSKQ\*VIHVMQPLEILAIVALVVAIILAIIVWSIVFIEYRKIRRQKRIDRLIDRIRDRAEDSGNESEGDEEDLAALLEMGNHAPWNVDDQ\*CCRELVGHSLLWGTCVERSKHHSILCIRC\*ST\*NRGT\*CLGHTCLCTHKPRPTRNRLSKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKSKAMCKINSTLCYFKL\*\*YQWH\*YY\*CH\*G\*LGNGNEKLLFQYHHREKR\*SKDRICTFLYT\*CSTNKG\*\*\*\*G\*\*\*\*\*\*\*\*L\*IDKL\*YLSHYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EFQWNRTMSKCQHSTVYTWN\*TSSVNSTAVKW\*SGRR\*CSNQI\*KSHKQC\*NHNNTAESIYRN\*LYKT\*QQYKKEHTYGARKSIFCNRHNRRYKTSTL\*SE\*NKME\*HFKSDSYKIRKAT\*YNNNSLSATIRRGPRNCKAQF\*L\*RRIFLL\*H\*QTV\*\*YLE\*\*W\*WYLE\*G\*Y\*RVK\*HNHTPMQNKTNHKHVAGSRKSNVCPSHRGTN\*MFIKYYRAAINKRWW\*F\*QHERRDI\*TWRRRYEGQLEK\*IIQI\*SSKN\*TNRDST\*KGTEKSGAERKKSSGSIRSFVPWVLRSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAESY\*GATASVATHGLGHQTAPGKSPGCGKIPRGSTAPRDLGLLWKAHLHHHCALEH\*LE\*\*ILHRDLE\*HDLETVGKRN\*QLHRHNIQITYRIADPARKE\*ARLVEIGFLGKSVELV\*YIKMAVVYKNIHNDSRRLDRSKNSFCCAFYSE\*S\*AGILTTIVSDPPPSSKGTRQARRNRRRRWRERQRQIHSI

>B.2013.KX505583.chronic

MEPVDPSLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPQDSQTHQVSLSKQ\*VVHVMQSLQIAAIVGLVVAAILAIVVWSIVLIEYRRILRQRKIDKIIDRIAERAEDSGNESEGDQEELAALVVEMGHHAPWDVNDL\*CRRRKNVGHSLLWGTCVERSNHYSILCIRC\*SI\*NRDA\*CLGHTCLCTHRPQPTRIKIGKCDREF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*SKR\*YY\*HHE\*E\*H\*PFQYHHKHKRGNEKLLFQCHHRCKG\*GEDRICTFV\*I\*YNRNKRY\*\*Y\*QYY\*L\*VDKL\*RLSHYTGLSKGIL\*TNSHTLLCPGWLCDSKV\*QQRVQWNRTMYKCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSNQICQFLGQC\*DHNSTAE\*TCTNELYKTWQHYKEKDTSRTRQSILYNRKHNKRCKTSIL\*YQWSSLE\*HSKKGSYTIK\*TI\*KQNNSL\*SILRRGPRNCNVQF\*LWRGIFLL\*FNKIV\*\*YLES\*\*Y\*E\*YSVK\*\*K\*HNHTPMQNKTSY\*HVARSRKSNVCPSHRRTH\*MFIKYYWAAINKR\*G\*QREQFQCDLQTWRRKYEGQLEK\*II\*I\*SSTS\*TIRNSTHQGKKKSGAKRKKSISGIRSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQPAEGY\*SATAYIATHSLGHQAAPGKNPGCRKIPKGSTAPGDVGLLWKTYLHHYCALE\*DLE\*\*SL\*SDLGEHDLDAVGERN\*\*LHRYNIQLTSRIAKPTRKE\*TRVIVFR\*MGKFVELV\*HNKLAVVYKIIHNNSRRLDRFKNSFYCTFYSK\*S\*EGILTIVVPDPLPSPEGTRQARRNRRRRWRQRQRQIRDI

>B.2013.KX505589.chronic

MEPVDPSLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPQDSQTHQVSLSKQ\*VVHVMQSSQSLQIAAIVGLVVAAILAIVVWSIVLIEYRRILRQRKIDKIIERIADRAEDSGNESEGDQEELAALVVEMGHHAPWDVNDL\*CRRRKNVGHSLLWGTCVERSNHYSILCIRC\*SI\*NRDA\*CLGHTCLCTHRPQPTRIKIGKCDREF\*YVEK\*HGRTDA\*RYN\*FMGSKPKAMCKINPTLCYFKLH\*SKR\*YY\*HRE\*E\*H\*PFQYHHKHKRGNEKLLFQCHHRCKG\*GEDRICTFV\*I\*YNRNKRY\*\*Y\*QYY\*L\*VDKL\*RLSHYTGLSKGIL\*TNSHTLLCPGWLCDSKV\*QQRVQWNRTMYKCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSNQICQFLGQC\*DHNSTAE\*TCTNELYKTWQHYKEKDTSRTRQSILYNRKHNKRYKTSIL\*HQ\*SSLE\*HFKKSSYTIK\*TI\*KQNNSL\*SILRRGPRNCNVQF\*LWRGIFLL\*FNKTV\*\*YLES\*\*\*\*E\*YSVK\*WK\*NNHTPMQNKTSY\*HVAGNRKSNVCPSHRRTH\*MFIKYYWAAINKR\*G\*QREQFQCDLQTWRRKYEGQLEK\*II\*I\*SSTS\*TIRNSTHQGKKKSGAKREKSISGIRSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQPAEGY\*SATAYIATHSLGHQAAPGKNPGCRKIPKGSTAPGNVGLLWKTHLHHYCALE\*ELE\*\*SL\*SDLGEHDLDAVGERN\*\*LHRYNIQLTSRIAKPTRKE\*TRVIVIR\*MGKFVELV\*HNKLAVVYKIIHNNSRRLDRFKNSFYCTFYSE\*S\*EGILTIVVPDPLPSPEGTRQARRNRRRRWRQRQRQIQDI

>B.2013.KX505602.chronic

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRPPQGSQNHQISLSKQ\*VVHVMHPSEIAVIVAFVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLMEMGHHAPGDINDL\*CFRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKTMRKINPTLCYFKLH\*LGEEE\*YY\*YH\*\*\*RGKFGGRRNKKLLFQGHHEHKR\*DAERVCTFL\*A\*CSTNR\*G\*\*QDQ\*\*\*YQL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*TVQWKRIM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*QFHGQC\*SHNSAAEQICRN\*LYKTQQQYKKRYTYRTRESILCNR\*NNRRYKTSTL\*H\*\*SRME\*HFGTDS\*KIKRTI\*EYNNNIL\*SVLRRGPRNCDAHF\*LWRGIFLL\*YNTTV\*\*YLEGK\*YWE\*Y\*RVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTN\*MFIKYYRASINKRWWSYQ\*D\*EQD\*GLQTCRREYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAEQSAEGY\*GATAAVAAYSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYSALEC\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLHKRNIHLT\*RIAEPTGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNVHNDSRRLDRFKNSFYCTFYSE\*S\*AGLLTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRAI

>B.2013.KX505607.chronic

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRPPQGSQNHQISLSKQ\*VVHVMHPSEIAVIVAFVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLMEMGHHAPGDINDL\*CFRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKTMRKINPTLCYFKLH\*LGEEE\*YY\*YH\*\*\*RGKFGGRRNKKLLFQGHHEHKR\*DAERVCTFL\*A\*CSTNR\*G\*\*QDQ\*\*\*YQL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*TVQWKRIM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*QFHGQC\*SHNSAAEQICRN\*LYKTQQQYKKRYTYRTRESILCNR\*NNRRYKTSTL\*H\*\*SRME\*HFGTDS\*KIKRTI\*EYNNNIL\*SVLRRGPRNCDAHF\*LWRGIFLL\*YNTTV\*\*YLEGK\*YWE\*Y\*RVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHSRTN\*MFIKYYRASINKRWWSYQ\*D\*EQD\*GLQTCRREYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAEQSAEGY\*GATAAVAAYSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYSALEC\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLHKRNIHLT\*RIAEPTGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNVHNDSRRLDRFKNSFYCTFYSE\*S\*AGLLTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRAI

>B.2013.KX505608.chronic

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRPPQGSQNHQISLSKQ\*VVHVMHPSEIAVIVAFVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLMEMGHHAPGDINDL\*CFRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKTMRKINPTLCYFKLH\*LGEEE\*YY\*YH\*\*\*RGKFGGRRNKKLLFQGHHEHKR\*DAERVCTFL\*A\*CSTNR\*G\*\*QDQ\*\*\*YQL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*TVQWKRIM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*QFHGQC\*SHNSAAEQICRN\*LYKTQQQYKKRYTYRTRESILCNR\*NNRRYKTVLCNISRAEWNNTLEQIAKKLREQFKNTTTISFNRSSGGDLEIVMHTFNCGGEFFYCNTTQLFNSTWKENSTGNNTEELNDTITLPCRIKQIINMWQEVGKAMYAPPIQGQIRCSSNITGLVLTRDGGHTNKTENKTEVFRPVGGNMKDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAAIGAVFLGFLGAAGSTMGAASITLTVQARLLLSGIVQQQSNLLRAIEAQQQLLQLTVWGIKQLQARVLAIERYLRDQQLLGIWGCSGKLICTTTVPWNASWSNKSLNQIWDNMTWMEWEREIDNYTSVIYTLLEESQNQQEKNEQELLELDKWANLWNWFDITNWLWYIKMFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTRLPAQRGPDRPEGIEEEGGERDRDRSGPL

>B.2013.KX505609.chronic

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRPPQGSQNHQISLSKQ\*VVHVMHPSEIAVIVAFVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLMEMGHHAPGDINDL\*CFRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKTMRKINPTLCYFKLH\*LGEEE\*YY\*YH\*\*\*RGKFGGRRNKKLLFQGHHEHKR\*DAERVCTFL\*A\*CSTNR\*G\*\*QDQ\*\*\*YQL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*TVQWKRIM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*QFHGQC\*SHNSAAEQICRN\*LYKTQQQYKKRYTYRTRESILCNR\*NNRRYKTSTL\*H\*\*SRME\*HFGTDS\*KIKRTI\*EYNNNIL\*SVLRRGPRNCDAHF\*LWRGIFLL\*YNTTV\*\*YLEGK\*YWE\*Y\*RVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTN\*MFIKYYRASINKRWWSYQ\*D\*EQD\*GLQTCRREYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAEQSAEGY\*GATAAVAAYSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYSALEC\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLHKRNIHLT\*RIAEPTGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNVHNDSRRLDRFKNSFYCTFYSE\*S\*AGLLTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRAI

>B.2013.KX505611.chronic

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRPPQGSQNHQISLSKQ\*VVHVMHPSEIAVIVAFVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLMEMGHHAPGDINDL\*CFRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKTMRKINPTLCYFKLH\*LGEEE\*YY\*YH\*\*\*RGKFGGRRNKKLLFQGHHEHKR\*DAERVCTFL\*A\*CSTNR\*G\*\*QDQ\*\*\*YQL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*TVQWKRIM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*QFHGQC\*SHNSAAEQICRN\*LYKTQQQYKKRYTYRTRESILCNR\*NNRRYKTSTL\*H\*\*SRME\*HFGTDS\*KIKRTI\*EYNNNIL\*SVLRRGPRNCDAHF\*LWRGIFLL\*YNTTV\*\*YLEGK\*YWE\*Y\*RVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHSRTN\*MFIKYYRASINKRWWSYQ\*D\*EQD\*GLQTCRREYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAEQSAEGY\*GATAAVAAYSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYSALEC\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLHKRNIHLT\*RIAEPTGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNVHNDSRRLDRFKNSFYCTFYSE\*S\*AGLLTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRAI

>B.2013.KX505612.chronic

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRPPQGSQNHQISLSKQ\*VVHVMHPSEIAVIVAFVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLMEMGHHAPGDINDL\*CFRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKTMRKINPTLCYFKLH\*LGEEE\*YY\*YH\*\*\*RGKFGGRRNKKLLFQGHHEHKR\*DAERVCTFL\*A\*CSTNR\*G\*\*QDQ\*\*\*YQL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*TVQWKRIM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*QFHGQC\*SHNSAAEQICRN\*LYKTQQQYKKRYTYRTRESILCNR\*NNRRYKTSTL\*H\*\*SRME\*HFGTDS\*KIKRTI\*EYNNNIL\*SVLRRGPRNCDAHF\*LWRGIFLL\*YNTTV\*\*YLEGK\*YWE\*Y\*RVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTN\*MFIKYYRASINKRWWSYQ\*D\*EQD\*GLQTCRREYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAEQSAEGY\*GATAAVAAYSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYSALEC\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLHKRNIHLT\*RIAEPTGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNVHNDSRRLDRFKNSFYCTFYSE\*S\*AGLLTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRAI

>B.2013.KX505614.chronic

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRPPQGSQNHQISLSKQ\*VVHVMHPSEIAVIVAFVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLMEMGHHAPGDINDL\*CFRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKTMRKINPTLCYFKLH\*LGEEE\*YY\*YH\*\*\*RGKFGGRRNKKLLFQGHHEHKR\*DAERVCTFL\*A\*CSTNR\*G\*\*QDQ\*\*\*YQL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*TVQWKRIM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*QFHGQC\*SHNSAAEQICRN\*LYKTQQQYKKRYTYRTRESILCNR\*NNRRYKTSTL\*H\*\*SRME\*HFGTDS\*KIKRTI\*EYNNNIL\*SVLRRGPRNCDAHF\*LWRGIFLL\*YNTTV\*\*YLEGK\*YWE\*Y\*RVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTN\*MFIKYYRASINKRWWSYQ\*D\*EQD\*GLQTCRREYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAEQSAEGY\*GATAAVAAYSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYSALEC\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLHKRNIHLT\*RIAEPTGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNVHNDSRRLDRFKNSFYCTFYSE\*S\*AGLLTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRAI

>B.2013.KX505615.chronic

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRPPQGSQNHQISLSKQ\*VVHVMHPSEIAVIVAFVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLMEMGHHAPGDINDL\*CFRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKTMRKINPTLCYFKLH\*LGEEE\*YY\*YH\*\*\*RGKFGGRRNKKLLFQGHHEHKR\*DAERVCTFL\*A\*CSTNR\*G\*\*QDQ\*\*\*YQL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*TVQWKRIM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*QFHGQC\*SHNSAAEQICRN\*LYKTQQQYKKRYTYRTRESILCNR\*NNRRYKTSTL\*H\*\*SRME\*HFGTDS\*KIKRTI\*EYNNNIL\*SVLRRGPRNCDAHF\*LWRGIFLL\*YNTTV\*\*YLEGK\*YWE\*Y\*RVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTN\*MFIKYYRASINKRWWSYQ\*D\*EQD\*GLQTCRREYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAEQSAEGY\*GATAAVAAYSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYSALEC\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLHKRNIHLT\*RIAEPTGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNVHNDSRRLDRFKNSFYCTFYSE\*S\*AGLLTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRAI

>B.2013.KX505616.chronic

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRPPQGSQNHQISLSKQ\*VVHVMHPSEIAVIVAFVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLMEMGHHAPGDINDL\*CFRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKTMRKINPTLCYFKLH\*LGEEE\*YY\*YH\*\*\*RGKFGGRRNKKLLFQGHHEHKR\*DAERVCTFL\*A\*CSTNR\*G\*\*QDQ\*\*\*YQL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*TVQWKRIM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*QFHGQC\*SHNSAAEQICRN\*LYKTQQQYKKRYTYRTRESILCNR\*NNRRYKTSTL\*H\*\*SRME\*HFGTDS\*KIKRTI\*EYNNNIL\*SVLRRGPRNCDAHF\*LWRGIFLL\*YNTTV\*\*YLEGK\*YWE\*Y\*RVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTN\*MFIKYYRASINKRWWSYQ\*D\*EQD\*GLQTCRREYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAEQSAEGY\*GATAAVAAYSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYSALEC\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLHKRNIHLT\*RIAEPTGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNVHNDSRRLDRFKNSFYCTFYSE\*S\*AGLLTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRAI

>B.2013.KX505621.chronic

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRPPQGSQNHQISLSKQ\*VVHVMHPSEIAVIVAFVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLMEMGHHAPGDINDL\*CFRKLVGHSLLWGTCVEXSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKTMRKINPTLCYFKLH\*LGEEE\*YY\*YH\*\*\*RGKFGGRRNKKLLFQGHHEHKR\*DAERVCTFL\*A\*CSTNR\*G\*\*QDQ\*\*\*YQL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*TVQWKRIM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*QFHGQC\*SHNSAAEQICRN\*LYKTQQQYKKRYTYRTRESILCNR\*NNRRYKTSTL\*H\*\*SRME\*HFGTDS\*KIKRTI\*EYNNNIL\*SVLRRGPRNCDAHF\*LWRGIFLL\*YNTTV\*\*YLEGK\*YWE\*Y\*RVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTN\*MFIKYYRASINKRWWSYQ\*D\*EQD\*GLQTCRREYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAEQSAEGY\*GATAAVAAYSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYSALEC\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLHKRNIHLT\*RIAEPTGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNVHNDSRRLDRFKNSFYCTFYSE\*S\*AGLLTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRAI

>B.2013.KX505622.chronic

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRPPQGSQNHQISLSKQ\*VVHVMHPSEIAVIVAFVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLMEMGHHAPGDINDL\*CFRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKTMRKINPTLCYFKLH\*LGEEE\*YY\*YH\*\*\*RGKFGGRRNKKLLFQGHHEHKR\*DAERVCTFL\*A\*CSTNR\*G\*\*QDQ\*\*\*YQL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*TVQWKRIM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*QFHGQC\*SHNSAAEQICRN\*LYKTQQQYKKRYTYRTRESILCNR\*NNRRYKTSTL\*H\*\*SRME\*HFGTDS\*KIKRTI\*EYNNNIL\*SVLRRGPRNCDAHF\*LWRGIFLL\*YNTTV\*\*YLEGK\*YWE\*Y\*RVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTN\*MFIKYYRASINKRWWSYQ\*D\*EQD\*GLQTCRREYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAEQSAEGY\*GATAAVAAYSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYSALEC\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLHKRNIHLT\*RIAEPTGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNVHNDSRRLDRFKNSFYCTFYSE\*S\*AGLLTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRAI

>B.2013.KX505623.chronic

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRPPQGSQNHQISLSKQ\*VVHVMHPSEIAVIVAFVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLMEMGHHAPGDINDL\*CFRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKTMRKINPTLCYFKLH\*LGEEE\*YY\*YH\*\*\*RGKFGGRRNKKLLFQGHHEHKR\*DAERVCTFL\*A\*CSTNR\*G\*\*QDQ\*\*\*YQL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*TVQWKRIM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*QFHGQC\*RHNSAAEQICRN\*LYKTQQQYKKRYTYRTRESILCNR\*NNRRYKTSTL\*H\*\*SRME\*HFGTDS\*KIKRTI\*EYNNNIL\*SVLRRGPRNCDAHF\*LWRGIFLL\*YNTTV\*\*YLEGK\*YWE\*Y\*RVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTN\*MFIKYYRASINKRWWSYQ\*D\*EQD\*GLQTCRREYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAEQSAEGY\*GATAAVAAYSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYSALEC\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLHKRNIHLT\*RIAEPTGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNVHNDSRRLDRFKNSFYCTFYSE\*S\*AGLLTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRAI

>B.2013.KX505624.chronic

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRPPQGSQNHQISLSKQ\*VVHVMHPSEIAVIVAFVVAIILAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLMEMGHHAPGDINDL\*CFRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKTMRKINPTLCYFKLH\*LGEEE\*YY\*YH\*\*\*RGKFGGRRNKKLLFQGHHEHKR\*DAERVCTFL\*A\*CSTNR\*G\*\*QDQ\*\*\*YQL\*VDKL\*HLSPYTSLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*TVQWKRIM\*QCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*QFHGQC\*RHNSAAEQICRN\*LYKTQQQYKKRYTYRTRESILCNR\*NNRRYKTSTL\*H\*\*SRME\*HFGTDS\*KIKRTI\*EYNNNIL\*SVLRRGPRNCDAHF\*LWRGIFLL\*YNTTV\*\*YLEGK\*YWE\*Y\*RVK\*HYHTPM\*NKTNYKHVAGSRKSNVCPSHPRTN\*MFIKYYRASINKRWWSYQ\*D\*EQD\*GLQTCRREYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSNRSCVPWVLGSSRKHYGRSVDNADGTGQTIIVWYSATAEQSAEGY\*GATAAVAAYSLGHQAAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHYSALEC\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLHKRNIHLT\*RIAEPTGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNVHNDSRRLDRFKNSFYCTFYSE\*S\*AGLLTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRAI

>B.2013.KX505648.chronic

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCYHCQLCFITKGLGISYGRKKRRQRRRAPQGSQIHQVSLPKQ\*VVYVMLSLQVLTILAIVALVVVAIIAIVVWSFVFIEYRKLLKQRKIDRIIDRIRERAEDSGNESEGDQEELLVEMGHDAPWDVNDL\*GCRTIMGHSILWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHACLCTHRPQPTRDIIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*C\*SYLHW\*RENRQRRNKKLLFQYHHRHKR\*DAENICTFI\*A\*CSTNRR\*\*H\*\*\*YYI\*VDRL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*Q\*NIQGKRTMYKCQHSTMYTWN\*ASSINSTAVKWQPSRRRGND\*I\*KFHEQC\*NHNSTAE\*ICRN\*LYKTQQQYKKRYIYRTRESMVYNR\*DNRRYKTSTL\*H\*WNKME\*HPKAGS\*KIKRTI\*E\*NNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YSTTV\*\*YLEWY\*RVK\*H\*RK\*Q\*RK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQWAN\*MYIKYYRAAISKRWRGKKWY\*G\*KQDRDFQTWRRRYEGQLEK\*II\*I\*SSKN\*TVRNSTHQGKEKSGAKREKSSGISRSYVPWVLGSSRKHYGRSGNNADGTGQTNVVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NCGLYLG\*HDLDGVGKRN\*QLHKHNIYLN\*KIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRIDRFKNSFYCTFYSE\*S\*AGILTTIVSDPPPSLEGTRQARRNRRRRWRQRQRQIWSI

>B.2013.KX505649.chronic

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFLTKGLGIYYGRKKRRQRRRAPQGSQTDQVSLSKQ\*VVHVMQSLQIVAIAALVVVAVIAIVVWTIVFIEYRRILRQRKIDRLIDRIIERAEDSGNESDGDQEELSALVEMGHHAPWDVNDL\*C\*GKVVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGYTCLRTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEEYY\*YQY\*\*QGKDRERERGNNKLLFQYHHKPKRQDAERICTFL\*T\*CNTNR\*\*\*Y\*P\*\*Y\*L\*VDKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSTTVKWKSSRRRGSN\*I\*KSHEQC\*DHNSTSE\*VCSN\*LYKTQQQYKKKYTYRTRENILCSRRHNRRYKASIL\*H\*\*IKVE\*HFKTDS\*\*IKRTICE\*NNSL\*SVLRGGPRNCNAQF\*LWRGIFLL\*YNKTV\*\*YLE\*YRRVK\*H\*RR\*HTHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LYIKYYRAAINKRWWE\*\*KQHHRDLQTWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHQCALEY\*LE\*\*NL\*\*HLG\*YDLDAVGKRN\*QLHRINIHLT\*RIAEPTRKE\*TRIIGIG\*MGKLVELV\*HNKLAVVYKNIHNNNRRLGRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIQSI

>B.2013.KX505651.chronic

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFLKKGLGISYGRKKRRQRRRASQGSQTDQASLSKQ\*VVHVMQSLQIVAIAALVVVAVIAIVVWTIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESDGDQEELSALVERGHLAPWDINDL\*C\*GKVVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGYTCLRTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CEECY\*YQ\*\*\*QGRDRERRNKKLLFQYHHKPKR\*DAERICTFL\*T\*CNTNR\*\*\*Y\*P\*\*YSL\*VDKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSVNSITVKWKSSRRRGSN\*I\*KSHEQC\*DHNSTSE\*VGSN\*LYKTQQQYKKKYTYRTRENILCSRRNNRRYKASIL\*H\*\*ITVE\*HFKTDS\*\*IKRTICE\*NNSL\*SVLRGGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLE\*YRRVK\*H\*RR\*HTHTPMQNKTNCKHVAGSRKSNVCPSH\*RTN\*LYIKYYRAAINKRWWE\*\*EQHHRDLQTWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERK\*SSGNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHQCALEY\*LE\*\*IFY\*DLE\*HDLDAVGKRN\*QLHRINIHLT\*RIAEPTRKE\*TRIIGIG\*MGKLVELV\*HNKLAVVYKNIHNNNRRLGRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRARQRQIQSI

>B.2013.KX505652.chronic

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCYHCQVCFLKKGLGISYGRKKRRQRRRASQGSQTDQASLSKQ\*VVHVMHSLQILAIAALVVAAVIAIVVWTIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESDGDQEELSALVERGHLAPWDINDL\*C\*GKVVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGYTCLRTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FKEYY\*YHYWYRGKDRERRNKKLLFQYHHKPKR\*DAERICTFL\*T\*CNTNK\*\*\*Y\*P\*\*Y\*L\*VDKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKVQ\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSITVKWKSSRRRGSN\*I\*KSHEQC\*DHNSTSE\*VCSN\*LYKTQQQYKKKYTYRTRENILCSRRNNRRYKASIL\*H\*\*ITVE\*HFKTDS\*\*IKRTICE\*NNSL\*SVLRGGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLE\*YRRVK\*H\*RR\*HTHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LYIKYYRAAINKRWWE\*\*EQHHRDLQTWRRRYEGQLEK\*II\*I\*SSKG\*TIRSSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHQCALEY\*LE\*\*IFY\*DLE\*HDLDAVGKRN\*QLHRINIHLT\*RIAEPTRKE\*TRIIGIG\*MGKLVELV\*HNKLAVVYKNIHNNNRRLGRFKNSFYCTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRAKQRQIQSI

>B.2013.KX505664.chronic

MDPVDPRLEPWKHPGSQPKTACTPCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETDQASLSKQ\*VVHVMNSLQILAIVGLVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELAELVERGHLAPWDIDDL\*SWRTIVGHSLLWGTCVERSNHHFILCIRC\*GI\*YRGT\*CLGYTCLCTHRPQPTRKRIGKRDRKF\*HVEK\*HGRPNA\*RYN\*LMGSKSKAMCKINPTLCYFKLH\*\*TQ\*D\*\*YH\*\*\*PDRERRDKKLHFQYHHKYKR\*DAERICTFQ\*T\*CSTNR\*\*\*\*\*DW\*\*Y\*V\*VDKL\*YLSHYTSLSKGNL\*ANSHTLLCPGWFCDSKV\*\*YEVQWIRTM\*KCQHSTMYTWN\*ASSINSPTVKWQSSRKRDND\*ICQFLRQY\*KYNSTTE\*LCSNELYKTQQ\*YKKKYTYSTRENILCNRTNNRRYKTSTL\*Y\*\*RKLE\*YSKTYSYKIKRTI\*\*DKHNLCKSLRRRPRNCDAHF\*LWWGIFLL\*LNTTV\*\*DVD\*Y\*TV\*\*NLEC\*\*K\*C\*\*HHHTPM\*NKTNHKPVAGSRKSNVCPSYQRINYMFIKYYRAGINKRWWYEQYHE\*DLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSSVLWVLISSRKHYGRSVNDVDGTGQTVTVWYSATAEQYAEGY\*GATTSVATHSLGHQAAPGKSPSCGKIPKRSTAPGDLGLLWKTHLHH\*CALEC\*LE\*\*KSD\*NLE\*HDLDGVGKRN\*QLHRHNIQIN\*RIAEPTGKE\*ARLIGTR\*MGQLVELV\*HHTMAVVYKNIHNDSRRHNRVKNSFFYTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRKIQTI

>B.2013.KX505686.chronic

MDPVDPRLEPWKHPGSQPKTACTPCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETDQASLSKQ\*VVHVMNSLQILAIVGLVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDHEELAELVERGHLAPWDIDDL\*SWR\*IVGHSLLWGTCVERSNHHFILCIRC\*GI\*YRGT\*CLGYTCLCTHRPQPTRKRIGKRDRKF\*HVEK\*HGRPNA\*RYN\*LMGSKSKAMCKINPTLCYFKLH\*\*TQ\*D\*\*YH\*\*\*PDRERRDKKLHFQYHHKYKR\*DAERICTFQ\*T\*CSTNR\*\*\*\*\*YC\*\*Y\*V\*VDKL\*YLSHYTSLSKGNL\*ANSHTLLCPGWFCDSKV\*\*YEVQWIRTM\*KCQHSTMYTWN\*ASSINSPTVKW\*SSRKRDND\*ICQFLRQY\*KYNSTTE\*LCSNELYKTQQ\*YKKKYTYSTRENILCNRTNNRRYKTSTL\*H\*\*KQLE\*YSKTYSYKIKRTI\*\*DKHNLCKSLRRRPRNCDAHF\*LWWGIFLL\*FNTTV\*\*DME\*Y\*TI\*\*NLES\*\*K\*C\*\*HHHTPM\*NKTNHKPVAGSRKSNVCPSYQRINYMFIKYYRAGINKRWWYEQYHE\*NLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSSVLWVLISSRNHYGRSVNDVDGTGQTVTVWYSATAEQYAESY\*GATASVATHSLGH\*AAPGKSPSCGKIPKRSTAPGDLGLLWETHLHH\*CALEY\*LE\*\*KSG\*NLG\*HDLDGVGKRN\*QLHRHNIQIN\*RIAEPTGKE\*ARLIGTR\*MGQLVELV\*HNKMAVVYKNIHNDSRRHNRVKNSFFYTFYSE\*S\*EGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIQAI

>B.2013.KX505695.chronic

MDPVDPNLEPWQHPGSQPKTACTHCYCKKCCYHCQVCFITKGLGISYGRKKRKQRRRASNDSQDHQDSLSKQ\*VVHVMNSLVIVAIVALIVAAIIAIVVWSIVIIEYRKILKQKKIDRLIERIAQRAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*C\*\*SIVGHSLLWGTCVERSKHHSILCIRC\*SI\*SRGTQCLGHTCLCTHRPQPTRSTIECDRKL\*HVEK\*HGRPDA\*GCNQFMGTKHKAMCRINPTLCDFKLY\*C\*G\*\*YQYY\*WSHPYHYWYHC\*WYH\*WYLGKDGTRRNEKLLFQYHHKLER\*MAARTCNF\*\*P\*CSTNE\*\*\*\*\*\*YQL\*VDKL\*HLSHYTGLSKDNL\*SNSHTLLCPGWFCDSKM\*\*\*DVQWNRTM\*\*CQHSTMYTWN\*ASSINSTTVKWQSSRRRHSNQI\*KFHRQY\*KHNSTAE\*ICSNQLFKT\*QQYKKKCTCGTREGIVYNRRHNRKYKTSTL\*H\*WRTMASHFTTDS\*KIK\*TV\*\*\*NKNNLC\*LLRRGPRNYNTQF\*LYGGIFLL\*YNKTV\*\*\*L\*F\*\*\*\*\*F\*\*\*CFKWHYHTPMQNKANYKHVAEGGKSNICPSH\*RTT\*LFIKYYRADINKRW\*\*A\*\*HQRDLQTYRRKYEGQLEK\*II\*I\*SSKN\*TIRTSTHQGKEKSGAKRKKSSGNRSSVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPSSGKIPKGSTAPGDLGLLWKAHLHHCCALEH\*LE\*\*ICGLHLE\*HDLDAVGKRN\*QLHRLNIHLN\*KIANPAGKE\*TRIIGI\*\*MGKFVELV\*HNTMAVVYKNIHNDSRRLDRIKNSFYCAFYSK\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWREKQRHIRLL

>B.2013.KX505707.chronic

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPEDSQTHQVSLSKQ\*VLNVMLPIQIASVVALVVVAIIAIVVWSIVGIEYRKILRQRKIDKLINRLIERAEDSGNESDGDQEELSALVEMGHHAPWDVNDL\*CCRKFVGHSLLWGTRVERSNYHSILCIRC\*GI\*\*RGTQCLGYTCLCTH\*PQPTRSSIG\*CDRKF\*HVEK\*HGRTDA\*GCNQFMG\*KPKAMCKINPTLCYFKLH\*CKYH\*HQSQ\*R\*RDKDEGWRNEKLLF\*YHHKLKR\*NAESVCNFL\*P\*CSGNR\*EGE\*Y\*RLC\*L\*VNKL\*HLSHYTGLSKGIL\*ANSHTSLCPGWFCDSKV\*Q\*DVQWKRTM\*KCQHSTMYTWD\*ASGVNPTTVKWQPSRR\*GSN\*I\*KFHGQC\*NHNSTAE\*NCKN\*LYKTQQQYKKKYKYGTRESIFHNRGNNRRYKAGTL\*P\*\*NRME\*HSKTGS\*QIKKTIWE\*\*NNKFYSTLRRGPRSCTAHC\*LWRGIFLL\*YIKTV\*\*YLE\*\*\*YLE\*Y\*RV\*\*H\*QKYHTPMQNKTNCKQVAGSRKSNVCPSHQWKN\*LFIKYYRTAINKRWW\*G\*QDK\*HHRDLQTRGRKYEGQLEK\*IIQI\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGH\*AAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISR\*NLGQHDLDGMGKRN\*QLHRHNIQLT\*KIAKPTREK\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRGLDRFKNSF\*CTFYSE\*S\*AGILTIIVPDPLPNLEGTRQARRNRRRRWRQRQRQIRSI

>B.2013.KX505711.chronic

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPEDSQTHQVSLSKQ\*VLHVMYPIQIASIVALVVVAIIAIVVWSIVIIEYRKILRQRKIDRLIDRIRERTEDSGNESDGDQEELSALVEMGHHAPWDVNDL\*CCRKIVGHSLLWGTCVERSNYHSILCIRC\*SI\*\*RGT\*CLGYTCLCTH\*PQPTRNSNGKCDRKF\*HVEK\*HGRTDA\*GCNQFMG\*KPKAMCKINPTLCYFKLH\*FKYH\*HQSH\*K\*RAKNEGWRNEELLF\*YHHKHKR\*GAESVCNFL\*P\*CSINR\*E\*E\*\*\*Q\*Y\*IC\*L\*VNKL\*HLSHYTSLSKGIL\*ANSHTFLCPGWFCDSKV\*Q\*DVQWKRTM\*KCQYSTMYTWD\*ASGVNSTTVKWQPSRRRGNN\*I\*RFHEK\*KNHNSTAE\*NCKN\*LYKTQQQYKKKYKYGTRESIFHNRGNNRRYKAGTL\*P\*\*NRME\*HSKTGS\*QIKKTI\*E\*NNKIYSTLRRGPRSCTAHC\*LWRGIFLLQYIKTV\*\*YLE\*\*\*YLE\*Y\*RVK\*HWKKYHTPMQNKTNCKQVAGSRKSDVCPSHQRKN\*LFIKYYRTAINERWW\*G\*RDRYHH\*DLQTRRRKYEGQLEK\*IV\*I\*SSKN\*TIRNSTYQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWETHLHHCCALEY\*LE\*\*ISR\*NLGQHDLDGMGKRN\*QLHRHNIQLT\*KIAKPTREK\*TRIIGIR\*MGKFVELV\*HNKLAVVYKDIHNDSRGLSRFKNSL\*CTFYSE\*S\*AGILTIIVPDPLPNLEGTRQARRNRRRRWRQRQRQIRSI

>B.2014.KX505734.chronic

MEPVDPKLEPWKHPGSQPETACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQDSETHQVPLSKQ\*VVHVMQALGILAIVALVVGVILAIIVWSIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCRSIVGHSLLWGTCVERSNHHSILCIRC\*SN\*\*RST\*YLGLTCLCTHRPQPTRNKIEKCDRIFQHVEK\*HGRTDA\*GYNQFMG\*KPKAMCKTNPTLCYFKLH\*FKE\*\*YCEK\*Y\*YGERRNKKLLFRYHHSDEK\*DAERICTFL\*T\*CRTN\*Q\*\*Y\*L\*VDKL\*HLSRYTGLSKGIF\*ANSHTLLCPSWFCDPKMQQ\*DIQWNRTMYRC\*HSTMYTWN\*ASNINSTAVKWQSSRKRDSN\*I\*QSHR\*C\*NHNNTAGKSCRN\*LYKAQQQYKKKSYSGPRESVVYNRRNNGRYKKSIL\*H\*\*SKME\*NSRRDS\*KIKRTIWK\*NNKF\*SILRRGPRNCDAQL\*LWRGIFLL\*FNTTV\*\*YLGGR\*QYYKVKFN\*HYYTPMQDKTNYKHVAESRKSNVCSSHQWNN\*MYIKYYRATINKRWW\*\*\*RKWE\*DL\*TCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAEGY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGNVGLLWKTHLHHHCALEY\*LE\*\*ISE\*HLG\*HDLDAVG\*RN\*QLHTSNIHLN\*RIAKPTRKE\*TRIIITR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGIFTIIVSDPPPGPEGTRQARRNRRRRWRERQRQIRKI

>B.2014.KX505738.chronic

MEPVDPKLEPWKHPGSQPETACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQDSETHQVPLSKQ\*VVHVMQALGILAIVALVVGVILAIVVWSIVFIEYRKILRQRKIDRLIDRITERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCRSIVGHSLLWGTCVERSNHHSILCIRC\*SN\*\*RST\*YLGLTCLCTHRPQPTRNKIGKCDRIFQHVEK\*HGRTDA\*GYNQFMG\*KPKAMCKTNPTLCYFKLH\*FEE\*YWEK\*Y\*LCQ\*\*\*FDNGDRRNKKLLFQYHHSDEK\*DAERICTFL\*T\*CRTNR\*Q\*\*Y\*L\*VDKL\*HLSRYTGLSKGIF\*ANSHTLLCPSWFCDPKMQQ\*DIQWKRTMYKC\*HSTMYTWN\*ASNINSTAVKWQSSRKRDSN\*I\*QFHR\*C\*NHNNTAERSCRN\*LYKAQQQYKKKSYNGPRESMVYNRRNNRRYKKSTL\*H\*\*SKME\*HSRTDS\*KIKRTIWK\*NNKF\*SILRRGPRNCDAQL\*LWRGIFLL\*FNKTV\*\*YLEGR\*KYY\*KVRIK\*HYYTPMQDKTNYKHVAESRKSNVCSSHQWNN\*MYIKYYRATINKRWW\*\*\*RE\*E\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQPAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHRCALEY\*LE\*\*ISE\*HLG\*HDLDAVG\*RN\*QLHTINIHLN\*RIAKPTRKE\*TRIISTR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGIFTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.2014.KX505739.chronic

MEPVDPKLEPWKHPGSQPETACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPQDSETHQVPLSKQ\*VVHVMQALGILAIVALVVAAILAIVVWSIVFIEYRKILRQRKIDRLIDRITERAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCRSIVGHSLLWGTCVERSNHHSILCIRC\*SN\*\*RST\*YLGLTCLCTHRPQPTRNKIGKCDRIFQHVEK\*HGRTDA\*GYNQFMG\*KPKAMCKTNPTLCYFKLH\*FEE\*YWEK\*Y\*LCQ\*\*\*FDNGDRRNKKLLFQYHHSDEK\*DAERICTFL\*T\*CRTNR\*Q\*\*Y\*L\*VDKL\*HLSRYTGLSKGIF\*ANSHTLLCPSWFCDPKMQQ\*DFQWKRTMYKC\*HSTMYTWN\*ASNINSTAVKWQSSRKRDSN\*I\*QFHR\*C\*NHNNTAERSCRNYLYKAQQQYKKKSYNGPRESVVYNRRNNRRYKKSTL\*H\*\*SKME\*NSRTDS\*KIKRTIWK\*NNKF\*SILRRGPRNCDAQL\*LWRGIFLL\*FNKTV\*\*YLGGRYY\*KVRIK\*HYYTPMQDKTNYKHVAESRKSNVCSSHQWNN\*M\*IKYYRATINKRWW\*\*\*RE\*E\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQSAESH\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHRCALEY\*LE\*\*ISK\*HLG\*HDLDAVG\*RN\*QLHTINIHLN\*RIAKPTRKE\*TRIISTR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGIFTIIVSDPPPSPEGTR\*ARRNRRRRWRERQRQIRKI

>B.2015.KY057382.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057383.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057384.chronic

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>B.2015.KY057385.chronic

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>B.2015.KY057386.chronic

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>B.2015.KY057387.chronic

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>B.2015.KY057388.chronic

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>B.2015.KY057389.chronic

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>B.2015.KY057390.chronic

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>B.2015.KY057391.chronic

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>B.2015.KY057392.chronic

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>B.2015.KY057393.chronic

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>B.2015.KY057394.chronic

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>B.2015.KY057395.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057396.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057397.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057398.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057399.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057400.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057401.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057402.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057403.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057404.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKGYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057405.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057431.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057432.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKCHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057433.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057434.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057435.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057436.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057437.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057438.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057439.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLGRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057440.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRKDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057455.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057456.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057457.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057458.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057459.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057460.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057461.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057462.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057463.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFIL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSXRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057464.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057465.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057466.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057474.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VIYVMQASPIIAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCR\*FVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSRFDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEYQYHLYQYHCSS\*YQGRRKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKTSIL\*H\*\*NRLE\*NFNKGSYKIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWYCWNLG\*YC\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GE\*DLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KYKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNNFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057475.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VIYVMQASPIIAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCR\*FVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSRFDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEYQYHLYQYHCSS\*YQGRRKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKTSIL\*H\*\*NRLE\*NFNKGSYKIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWYCWNLG\*YC\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GE\*DLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KYKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNNFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057476.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VIYVMQASPIIAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCR\*FVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSRFDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEYQYHLYQYHCSS\*YQGRRKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKTSIL\*H\*\*NRLE\*NFNKGSYKIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWYCWNLG\*YC\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GE\*DLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KYKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNNFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057477.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VIYVMQASPIIAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCR\*FVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSRFDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEYQYHLYQYHCSS\*YQGRRKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKTSIL\*H\*\*NRLE\*NFNKGSYKIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWYCWNLG\*YC\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GE\*DLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KYKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNNFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057479.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRAHQHSQTHQDYLSKQ\*VVYVMQASPLIAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSTLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCENQYHC\*\*QCYSYQ\*\*YQGRSKRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KIQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKESCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSTL\*H\*\*NRLE\*NFNRSSSKIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YC\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GERDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057480.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRAHQHSQTHQDYLSKQ\*VVYVMQASPLIAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSTLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCENQYHC\*\*QCYSYQ\*\*YQGRSKRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KIQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKESCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSTL\*H\*\*NRLE\*NFNRSSSKIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YC\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GERDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057481.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057482.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057483.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057484.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAEKAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057485.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY057496.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057497.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057498.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIEKAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057499.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057500.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFIG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLILQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057501.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057502.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGYGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057503.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057504.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057505.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057506.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057518.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRKNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSK\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSSAEKKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIKIG\*MGKFVDLV\*HNTVAMVYKNIHNNSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRKRRWRERQRQIRDI

>B.2015.KY057519.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRST\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057520.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057521.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYKKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057522.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTIYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057523.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057524.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057525.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057526.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057527.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTS\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057528.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057529.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057538.chronic

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNENEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKRHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMG\*\*PKAMCKINPTLCHFKLH\*LCKEYY\*YQYY\*DQQ\*\*HGKDGGGRNKKLLLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*\*\*WGC\*LYPL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRGSN\*I\*RFQQ\*C\*NHNSTSK\*ICTNYLCKTQQPYKKKNNFRTRESILHNRRNNRKYKKGTL\*H\*\*SSLE\*NFRMGN\*KIKRTI\*\*NNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YKTTV\*\*YLE\*YYRVKWN\*Q\*KHHAHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATVNKRWGK\*HK\*DL\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVDDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWETHLHHCCALEH\*LE\*\*ILGSDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057539.chronic

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKRHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMG\*\*PKAMCKINPTLCHFKLH\*LCKEYY\*YQYY\*DQQ\*\*HGKDGGGRNKKLLLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*\*\*WGC\*LYPL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRGSN\*I\*RFQQ\*C\*NHNSTSK\*ICTNYLCKTQQPYKKKNNFRTRESILHNRRNNRKYKKGTL\*H\*\*SSLE\*NFRMGN\*KIKRTI\*\*NNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YKTTV\*\*YLE\*YYRVKWN\*Q\*KHHAHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATVNKRWGK\*HK\*DL\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVDDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWETHLHHCCALEH\*LE\*\*ILGSDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057540.chronic

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKRHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMG\*\*PKAMCKINPTLCHFKLH\*LCKEYY\*YQYY\*DQQ\*\*HGKDGGGRNKKLLLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*\*\*WGC\*LYPL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRGSN\*I\*RFQQ\*C\*NHNSTSK\*ICTNYLCKTQQPYKKKNNFRTRESILHNRRNNRKYKKGTL\*H\*\*SSLK\*NFRMGN\*KIKRTI\*\*NNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YKTTV\*\*YLE\*YYRVKWN\*Q\*KHHAHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATVNKRWGK\*HK\*DL\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVDDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWETHLHHCCALEH\*LE\*\*ILGSDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057541.chronic

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKRHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMG\*\*PKAMCKINPTLCHFKLH\*LCKEYY\*YQYY\*DQQ\*\*HGKDGGGRNKKLLLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*\*\*WGC\*LYPL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRGSN\*I\*RFQQ\*C\*NHNSTSK\*ICTNYLCKTQQPYKKKNNFRTRESILHNRRNNRKYKKGTL\*H\*\*SSLE\*NFRMGN\*KIKRTI\*\*NNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YKTTV\*\*YLE\*YYRVKWN\*Q\*KHHAHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATVNKRWGK\*HK\*DL\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVDDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWETHLHHCCALEH\*LE\*\*ILGSDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057542.chronic

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKRHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMG\*\*PKAMCKINPTLCHFKLH\*LCKEYY\*YQYY\*DQQ\*\*HGKDGGGRNKKLLLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*\*\*WGC\*LYPL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRGSN\*I\*RFQQ\*C\*NHNSTSK\*ICTNYLCKTQQPYKKKNNFRTRESILHNRRNNRKYKKGTL\*H\*\*SSLE\*NFRMGN\*KIKRTI\*\*NNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YKTTV\*\*YLE\*YYRVKWN\*Q\*KHHAHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATVNKRWGK\*HK\*DL\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVDDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWETHLHHCCALEH\*LE\*\*ILGSDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057543.chronic

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKRHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMG\*\*PKAMCKINPTLCHFKLH\*LCKEYY\*YQYY\*DQQ\*\*HGKDGGGRNKKLLLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*\*\*WGC\*LYPL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRGSN\*I\*RFQQ\*C\*NHNSTSK\*ICTNYLCKTQQPYKKKNNFRTRESILHNRRNNRKYKKGTL\*H\*\*SSLE\*NFRMGN\*KIKRTI\*\*NNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YKTTV\*\*YLE\*YYRVKWN\*Q\*KHHAHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATVNKRWGK\*HK\*DL\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVDDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWETHLHHCCALEH\*LE\*\*ILGSDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057544.chronic

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKRHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMG\*\*PKAMCKINPTLCHFKLH\*LCKEYY\*YQYY\*DQQ\*\*HGKDGGGRNKKLLLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*\*\*WGC\*LYPL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRGSN\*I\*RFQQ\*C\*NHNSTSK\*ICTNYLCKTQQPYKKKNNFRTRESILHNRRNNRKYKKGTL\*H\*\*SSLE\*NFRMGN\*KIKRTI\*\*NNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YKTTV\*\*YLE\*YYRVKWN\*Q\*KHHAHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATVNKRWGK\*HK\*DL\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVDDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWETHLHHCCALEH\*LE\*\*ILGSDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057545.chronic

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKRHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMG\*\*PKAMCKINPTLCHFKLH\*LCKEYY\*YQYY\*DQQ\*\*HGKDGGGRNKKLLLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*\*\*WGC\*LYPL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRGSN\*I\*RFQQ\*C\*NHNSTSK\*ICTNYLCKTQQPYKKKNNFRTRESILHNRRNNRKYKKGTL\*H\*\*SSLE\*NFRMGN\*KIKRTI\*\*NNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YKTTV\*\*YLE\*YYRVKWN\*Q\*KHHAHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATVNKRWGK\*HK\*DL\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVDDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWETHLHHCCALEH\*LE\*\*ILGSDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057546.chronic

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKRHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMG\*\*PKAMCKINPTLCHFKLH\*LCKEYY\*YQYY\*DQQ\*\*HGKDGGGRNKKLLLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*\*\*WGC\*LYPL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRGSN\*I\*RFQQ\*C\*NHNSTSK\*ICTNYLCKTQQPYKKKNNFRTRESILHNRRNNRKYKKGTL\*H\*\*SSLE\*NFRMGN\*KIKRTI\*\*NNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YKTTV\*\*YLE\*YYRVKWN\*Q\*KHHAHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATVNKRWGK\*HK\*DL\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVDDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWETHLHHCCALEH\*LE\*\*ILGSDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIE\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057554.chronic

MEPVDPRLEPWKHPGSRPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVLAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYRTIMGHSLLWGTCVERSKCHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSTIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGG\*PKAMCKINPTLCHFKLH\*SFKYY\*YQYY\*AQQ\*\*HGKDGEGRNKKLLLQFHHKHEG\*DAERICTLV\*T\*FRTAR\*\*YW\*LYQL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRDSN\*I\*RVQQ\*C\*NHNSTSE\*ICTNYLCKTQQP\*RKKSNFRTRESMVYNRKNSRKYKKSIL\*H\*RNSLE\*NFRKGS\*KIKRTI\*HNNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*YLE\*YRVKWIYQ\*QHHAPMQNKANCKHVAGSRKSNVCPAHQWTN\*LYIKYYRDTINKRWGS\*QDQPERDLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIRNRSCVPWVLGSSRKHYGRSVNDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILESDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVDLV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057555.chronic

MEPVDPRLEPWKHPGSRPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVLAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYRTIMGHSLLWGTCVERSKCHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSTIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGG\*PKAMCKINPTLCHFKLH\*SFKYY\*YQYY\*AQQ\*\*HGKDGEGRNKKLLLQFHHKHEG\*DAERICTLV\*T\*FRTAR\*\*YW\*LYQL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRDSN\*I\*RVQQ\*C\*NHNSTSE\*ICTNYLCKTQQP\*RKKSNFRTRESMVYNRKNSRKYKKSIL\*H\*RNSLE\*NFRKGS\*KIKRTI\*HNNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*YLE\*YRVKWIYQ\*QHHAPMQNKANCKHVAGSRKSNVCPAHQWTN\*LYIKYYRDTINKRWGS\*QDQPERDLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIRNRSCVPWVLGSSRKHYGRSVNDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILESDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVDLV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057556.chronic

MEPVDPRLEPWKHPGSRPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVLAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYRTIMGHSLLWGTCVERSKCHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSTIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGG\*PKAMCKINPTLCHFKLH\*SFKYY\*YQYY\*AQQ\*\*HGKDGEGRNKKLLLQFHHKHEG\*DAERICTLV\*T\*FRTAR\*\*YW\*LYQL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRDSN\*I\*RVQQ\*C\*NHNSTSE\*ICTNYLCKTQQP\*RKKSNFRTRESMVYNRKNSRKYKKSIL\*H\*RNSLE\*NFRKGS\*KIKRTI\*HNNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*YLE\*YRVKWIYQ\*QHHAPMQNKANCKHVAGSRKSNVCPAHQWTN\*LYIKYYRDTINKRWGS\*QDQPERDLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIRNRSCVPWVLGSSRKHYGRSVNDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILESDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVDLV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057557.chronic

MEPVDPRLEPWKHPGSRPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVLAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYRTIMGHSLLWGTCVERSKCHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSTIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGG\*PKAMCKINPTLCHFKLH\*SFKYY\*YQYY\*AQQ\*\*HGKDGEGRNKKLLLQFHHKHEG\*DAERICTLV\*T\*FRTAR\*\*YW\*LYQL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRDSN\*I\*RVQQ\*C\*NHNSTSE\*ICTNYLCKTQQP\*RKKSNFRTRESMVYNRKNSRKYKKSIL\*H\*RNSLE\*NFRKGS\*KIKRTI\*HNNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*YLE\*YRVKWIYQ\*QHHAPMQNKANCKHVAGSRKSNVCPAHQWTN\*LYIKYYRDTINKRWGS\*QDQPERDLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIRNRSCVPWVLGSSRKHYGRSVNDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILESDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVDLV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057558.chronic

MEPVDPRLEPWKHPGSRPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVLAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYRTIMGHSLLWGTCVERSKCHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSTIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGG\*PKAMCKINPTLCHFKLH\*SFKYY\*YQYY\*AQQ\*\*HGKDGEGRNKKLLLQFHHKHEG\*DAERICTLV\*T\*FRTAR\*\*YW\*LYQL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRDSN\*I\*RVQQ\*C\*NHNSTSE\*ICTNYLCKTQQP\*RKKSNFRTRESMVYNRKNSRKYKKSIL\*H\*RNSLE\*NFRKGS\*KIKRTI\*HNNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*YLE\*YRVKWIYQ\*QHHAPMQNKANCKHVAGSRKSNVCPAHQWTN\*LYIKYYRDTINKRWGS\*QDQPERDLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIRNRSCVPWVLGSSRKHYGRSVNDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILESDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVDLV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057559.chronic

MEPVDPRLEPWKHPGSRPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVLAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYRTIMGHSLLWGTCVERSKCHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSTIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGG\*PKAMCKINPTLCHFKLH\*SFKYY\*YQYY\*AQQ\*\*HGKDGEGRNKKLLLQFHHKHEG\*DAERICTLV\*T\*FRTAR\*\*YW\*LYQL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRDSN\*I\*RVQQ\*C\*NHNSTSE\*ICTNYLCKTQQP\*RKKSNFRTRESMVYNRKNSRKYKKSIL\*H\*RNSLE\*NFRKGS\*KIKRTI\*HNNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*YLE\*YRVKWIYQ\*QHHAPMQNKANCKHVAGSRKSNVCPAHQWTN\*LYIKYYRDTINKRWGN\*QDQPERDLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIRNRSCVPWVLGSSRKHYGRSVNDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILESDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVDLV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057560.chronic

MEPVDPRLEPWKHPGSRPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVLAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYRTIMGHSLLWGTCVERSKCHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSTIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGG\*PKAMCKINPTLCHFKLH\*SFKYY\*YQYY\*AQQ\*\*HGKDGEGRNKKLLLQFHHKHEG\*DAERICTLV\*T\*FRTAR\*\*YW\*LYQL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRDSN\*I\*RVQQ\*C\*NHNSTSE\*ICTNYLCKTQQP\*RKKSNFRTRESMVYNRKNSRKYKKSIL\*H\*RNSLE\*NFRKGS\*KIKRTI\*HNNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*YLE\*YRVKWIYQ\*QHHAPMQNKANCKHVAGSRKSNVCPAHQWTN\*LYIKYYRDTINKRWGS\*QDQPERDLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIRNRSCVPWVLGSSRKHYGRSVNDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILESDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVDLV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057561.chronic

MEPVDPRLEPWKHPGSRPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVLAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYRTIMGHSLLWGTCVERSKCHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSTIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGG\*PKAMCKINPTLCHFKLH\*SFKYY\*YQYY\*AQQ\*\*HGKDGEGRNKKLLLQFHHKHEG\*DAERICTLV\*T\*FRTAR\*\*YW\*LYQL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRDSN\*I\*RVQQ\*C\*NHNSTSE\*ICTNYLCKTQQP\*RKKSNFRTRESMVYNRKNSRKYKKSIL\*H\*RNSLE\*NFRKGS\*KIKRTI\*HNNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*YLE\*YRVKWIYQ\*QHHAPMQNKANCKHVAGSRKSNVCPAHQWTN\*LYIKYYRDTINKRWGS\*QDQPERDLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIRNRSCVPWVLGSSRKHYGRSVNDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILESDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVDLV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY057570.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY057571.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMPPLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLALWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNCHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRGIIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*YSYHXXYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQR\*NHNSTAKRLCRN\*LYKTQQQYT\*KDKYRTRESMVCYKKYNRKYKTSTL\*H\*\*SKME\*HLKSNSQKIKRTIWGK\*NNSL\*SLLRRGPRNCNAQF\*LWRGILLL\*FNTTV\*\*YLE\*YFE\*YLGG\*\*G\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRSSTHQGKEKSGAERKKSSGNIGSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIRQMGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY057572.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY057573.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY057574.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY057575.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY057576.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY057577.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY057578.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2013.KY057587.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRTPQDSQTHQIPLSKQ\*VVYVMIPVQILAIVALVVALIIAIVVWTIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSVLVEMGHHAPWDIDDQ\*CCRKFVGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPRPKRIRIGKCDRRL\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLCHFKLH\*YYYH\*\*QYEFNGERSNEKLLFQCHRKSKR\*KDRICTFL\*S\*CSTTR\*K\*Y\*L\*VDKL\*HLSHYTGLSKDIL\*ANSNTLLCPGWFCDSKV\*\*\*EVQWKRKMSQCQHSTVYTWN\*ASSVNSIAVKWQSSRRRGSN\*IC\*FLRQC\*NHNSAAKRSCKN\*LYKTRQQYKKRYTYGTRESVFCNRHNRRYKTSTL\*P\*\*NTVE\*HSGTDN\*KIRKTIWEYNKNKI\*EILRRGPRNCNAQFQL\*RRIFLL\*YNTTV\*\*YLEYK\*YLE\*Y\*\*RIK\*HCRK\*HNHTSMQNKTNYKHVARSRKSNVCPSHQRKYYMFIKYYRTAVNKRWRQ\*Q\*\*WD\*DLQTWRRGYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGVRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCTLECQLE\*\*IL\*\*YLG\*HDLDTVEQRN\*QLHKRNIHLNYRIADPTRKE\*KGIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFCCAFYSK\*S\*AGIFTIIVADPPPNPEGTRKARRNRRRRWRERQRQIRSI

>B.2013.KY057588.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRTPQDSQTHQIPLSKQ\*VVYVMIPVQILAIVALVVALIIAIVVWTIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSVLVEMGHHAPWDIDDQ\*CCRKFVGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPRPKRIRIGKCDRRL\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLCHFKLH\*YYYH\*\*QYEFNGERSNEKLLFQCHRKSKR\*KDRICTFL\*S\*CSTTR\*K\*Y\*L\*VDKL\*HLSHYTGLSKDIL\*ANSNTLLCPGWFCDSKV\*\*\*EVQWKRKMSQCQHSTVYTWN\*ASSVNSIAVKWQSSRRRGSN\*IC\*FLRQC\*NHNSAAKRSCKN\*LYKTRQQYKKRYTYGTRESVFCNRHNRRYKTSTL\*P\*\*NTVE\*HSGTDN\*KIRKTIWEYNKNKI\*EILRRGPRNCNAQFQL\*RRIFLL\*YNTTV\*\*YLEYK\*YLE\*Y\*\*RIK\*HCRK\*HNHTSMQNKTNYKHVARSRKSNVCPSHQRKYYMFIKYYRTAVNKRWRQ\*Q\*\*WD\*DLQTWRRGYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGVRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCTLECQLE\*\*IL\*\*YLG\*HDLDTVGQRN\*QLHKRNIHLNYRIADPTRKE\*KGIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFCCAFYSK\*S\*AGIFTIIVADPPPNPEGTRKAQRNRRRRWRERQRQIRSI

>B.2013.KY057589.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRTPQDSQTHQIPLSKQ\*VVYVMIPVQILAIVALVVALIIAIVVWTIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSVLVEMGHHAPWDIDDQ\*CCRKFVGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPRPKRIRIGKCDRRL\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLCHFKLH\*YYYH\*\*QYEFNGERSNEKLLFQCHRKSKR\*KDRICTFL\*S\*CSTTR\*K\*Y\*L\*VDKL\*HLSHYTGLSKDIL\*ANSNTLLCPGWFCDSKV\*\*\*EVQWKRKMSQCQHSTVYTWN\*ASSVNSIAVKWQSSRRRGSN\*IC\*FLRQC\*NHNSAAKRSCKN\*LYKTRQQYKKRYTYGTRESVFCNRHNRRYKTSTL\*P\*\*NTVE\*HSGTDN\*KIRKTIWEYNKNKI\*EILRRGPRNCNAQFQL\*RRIFLL\*YNTTV\*\*YLEYK\*YLE\*Y\*\*RIK\*HCRK\*HNHTSMQNKTNYKHVARSRKSNVCPSHQRKYYMFIKYYRTAVNKRWRQ\*Q\*\*WD\*DLQTWRRGYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGVRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCTLECQLE\*\*IL\*\*YLG\*HDLDTVGQRN\*QLHKRNIHLNYRIADPTRKE\*KGIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFCCAFYSK\*S\*AGIFTIIVADPPPNPEGTRKARRNRRRRWRERQRQIRSI

>B.2013.KY057590.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRTPQDSQTHQIPLSKQ\*VVYVMIPVQILAIVALVVALIIAIVVWTIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSVLVEMGHHAPWDIDDQ\*CCRKFVGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPRPKRIRIGKCDRRL\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLCHFKLH\*YYYH\*\*QYEFNGERSNEKLLFQCHRKSKR\*KDRICTFL\*S\*CSTTR\*K\*Y\*L\*VDKL\*HLSHYTGLSKDIL\*ANSNTLLCPGWFCDSKV\*\*\*EVQWKRKMSQCQHSTVYTWN\*ASSVNSIAVKWQSSRRRGSN\*IC\*FLRQC\*NHNSAAKRSCKN\*LYKTRQQYKKRYTYGTRESVFCNRHNRRYKTSTL\*P\*\*NTVE\*HSGTDN\*KIRKTIWEYNKNKI\*EILRRGPRNCNAQFQL\*RRIFLL\*YNTTV\*\*YLEYK\*YLE\*Y\*\*RIK\*HCRK\*HNHTSMQNKTNYKHVARSRKSNVCPSHQRKYYMFIKYYRTAVNKRWRQ\*Q\*\*WD\*DLQTWRRGYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGVRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCTLECQLE\*\*IL\*\*YLG\*HDLDTVGQRN\*QLHKRNIHLNYRIADPTRKE\*KGIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFCCAFYSK\*S\*AGIFTIIVADPPPNPEGTRKARRNRRRRWRERQRQIRSI

>B.2013.KY057591.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRTPQDSQTHQIPLSKQ\*VVYVMIPVQILAIVALVVALIIAIVVWTIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSVLVEMGHHAPWDIDDQ\*CCRKFVGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPRPKRIRIGKCDRRL\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLCHFKLH\*YYYH\*\*QYEFNGERSNEKLLFQCHRKSKR\*KDRICTFL\*S\*CSTTR\*K\*Y\*L\*VDKL\*HLSHYTGLSKDIL\*ANSNTLLCPGWFCDSKV\*\*\*EVQWKRKMSQCQHSTVYTWN\*ASSVNSIAVKWQSSRRRGSN\*IC\*FLRQC\*NHNSAAKRSCKN\*LYKTRQQYKKRYTYGTRESVFCNRHNRRYKTSTL\*P\*\*NTVE\*HSGTDN\*KIRKTIWEYNKNKI\*EILRRGPRNCNAQFQL\*RRIFLL\*YNTTV\*\*YLEYK\*YLE\*Y\*\*RIK\*HCRK\*HNHTSMQNKTNYKHVARSRKSNVCPSHQRKYYMFIKYYRTAVNKRWRQ\*Q\*\*WD\*DLQTWRRGYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGVRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCTLECQLE\*\*IL\*\*YLG\*HDLDTVGQRN\*QLHKRNIHLNYRIADPTRKE\*KGIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFCCAFYSK\*S\*AGIFTIIVADPPPNPEGTRKARRNRRRRWRERQRQIRSI

>B.2013.KY057592.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRTPQDSQTHQIPLSKQ\*VVYVMIPVQILAIVALVVALIIAIVVWTIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSVLVEMGHHAPWDIDDQ\*CCRKFVGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPRPKRIRIGKCDRRL\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLCHFKLH\*YYYH\*\*QYEFNGERSNEKLLFQCHRKSKR\*KDRICTFL\*S\*CSTTR\*K\*Y\*L\*VDKL\*HLSHYTGLSKDIL\*ANSNTLLCPGWFCDSKV\*\*\*EVQWKRKMSQCQHSTVYTWN\*ASSVNSIAVKWQSSRRRGSN\*IC\*FLRQC\*NHNSAAKRSCKN\*LYKTRQQYKKRYTYGTRESVFCNRHNRRYKTSTL\*P\*\*NTVE\*HSGTDN\*KIRKTIWEYNKNKI\*EILRRGPRNCNAQFQL\*RRIFLL\*YNTTV\*\*YLEYK\*YLE\*Y\*\*RIK\*HCRK\*HNHTSMQNKTNYKHVARSRKSNVCPSHQRKYYMFIKYYRTAVNKRWRQ\*Q\*\*WD\*DLQTWRRGYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGVRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCTLECQLE\*\*IL\*\*YLG\*HDLDTVGQRN\*QLHKRNIHLNYRIADPTRKE\*KGIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFCCAFYSK\*S\*AGIFTIIVADPPPNPEGTRKARRNRRRRWRERQRQIRSI

>B.2013.KY057593.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRTPQDSQTHQIPLSKQ\*VVYVMIPVQILAIVALVVALIIAIVVWTIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSVLVEMGHHAPWDIDDQ\*CCRKFVGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPRPKRIRIGKCDRRL\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLCHFKLH\*YYYH\*\*QYEFNGERSNEKLLFQCHRKSKR\*KDRICTFL\*S\*CSTTR\*K\*Y\*L\*VDKL\*HLSHYTGLSKDIL\*ANSNTLLCPGWFCDSKV\*\*\*EVQWKRKMSQCQHSTVYTWN\*ASSVNSIAVKWQSSRRRGSN\*IC\*FLRQC\*NHNSAAKRSCKN\*LYKTRQQYKKRYTYGTRESVFCNRHNRRYKTSTL\*P\*\*NTVE\*HSGTDN\*KIRKTIWEYNKNKI\*EILRRGPRNCNAQFQL\*RRIFLL\*YNTTV\*\*YLEYK\*YLE\*Y\*\*RIK\*HCRK\*HNHTSMQNKTNYKHVARSRKSNVCPSHQRKYYMFIKYYRTAVNKRWRQ\*Q\*\*WD\*DLQTWRRGYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGVRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCTLECQLE\*\*IL\*\*YLG\*HDLDTVGQRN\*QLHKRNIHLNYRIADPTRKE\*KGIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFCCAFYSK\*S\*AGIFTIIVADPPPNPEGTRKARRNRRRRWRERQRQIRSI

>B.2013.KY057594.chronic

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRTPQDSQTHQIPLSKQ\*VVYVMIPVQILAIVALVVALIIAIVVWTIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSVLVEMGHHAPWDIDDQ\*CCRKFVGHSLLWSTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPRPKRIRIGKCDRRL\*HVEK\*HGRTDA\*GYNQFMGPKPKAMCKINPTLCHFKLH\*YYYH\*\*QYEFNGERSNEKLLFQCHRKSKR\*KDRICTFL\*S\*CSTTR\*K\*Y\*L\*VDKL\*HLSHYTGLSKDIL\*ANSNTLLCPGWFCDSKV\*\*\*EVQWKRKMSQCQHSTVYTWN\*ASSVNSIAVKWQSSRRRGSN\*IC\*FLRQC\*NHNSAAKRSCKN\*LYKTRQQYKKRYTYGTRESVFCNRHNRRYKTSTL\*P\*\*NTVE\*HSGTDN\*KIRKTIWEYNKNKI\*EILRRGPRNCNAQFQL\*RRIFLL\*YNTTV\*\*YLEYK\*YLE\*Y\*\*RIK\*HCRK\*HNHTSMQNKTNYKHVARSRKSNVCPSHQRKYYMFIKYYRTAVNKRWRQ\*Q\*\*WD\*DLQTWRRGYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGVRSYVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCTLECQLE\*\*IL\*\*YLG\*HDLDTVGQRN\*QLHKRNIHLNYRIADPTRKE\*KGIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFCCAFYSK\*S\*AGIFTIIVADPPPNPEGTRKARRNRRRRWRERQRQIRSI

>B.2011.KY076491.-

MEPVDPRLEPWKHPGSQPKTPCNNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSSPNQASLSKQ\*VVYVMQPSVIAAIVALVVATILAIVVWTIVLIEYRKIRRQRRIDRLIDRIIERAEDSGNESEGDQEELSALVDMGHDAPWDVNDLQR\*\*FVGHSLLWGTCVERCNHHFILCIRC\*SI\*LRGT\*CLGHTCLCTHRP\*TTRSSNGKCDRKL\*HVEK\*YDRTDA\*GCNQFMG\*\*PKTMCKINPTLCYFKLH\*SYFK\*H\*LSV\*\*Y\*Y\*\*CHRHKKLLFQDHHKNKK\*GAKRICTF\*YTRCSTNR\*\*\*\*ELYVDKL\*HLSHYAGLSKGIL\*TNSHTFLYPSWFCDYKV\*\*\*DIQWNRTMYKCQHSAMYTWN\*ASSVNPTAVKWQSSRRRDSN\*I\*KYHGQY\*NHNSTAEGSCRN\*LYKTQQQYKKEYTCRMGKIIICNRRHSGRYKKSILYH\*YNKME\*HFKRGS\*KTRGTI\*K\*NNSL\*AILRRGPRS\*NAHIQL\*RGIFLL\*YNTAV\*LYLE\*WHLASAKYHWK\*HHHPLQNKTNYKQVAGSRKSNVCPSHRGTT\*LHIKYYRAAISKRWW\*HHQHHREQHRNLQTWRRRYEGQLEK\*TI\*I\*SSKN\*AIRTSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVTHADGTGQTITVWDSATAKQFAEGY\*GATAPVATHSLGHQAAPGKSPSCGKIPKGPTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGGDLGKHDLDAVGERN\*QLHRINIWST\*KIAKPARKE\*TRTIGIG\*VGKFVELV\*HNKLAVVYKVVHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIIPDPPPSSEGTRQARRNRRRRWRERQRHIHTL

>B.2006.KY111920.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQADLSKQ\*VVYVMISLQIAAIVALVVAGIVAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGNINDL\*CYRQVVGHSLLWGTCVERSEHHSILCIRCESI\*DRGT\*CLGHPRLCTHRPQPTRIKIGKCDRKF\*HVEK\*HGRTDA\*GHNQFMGSKPKAMCKTNPTLCYFTLQ\*L\*FY\*NPE\*Q\*\*\*MDP\*\*\*PKNGDRRSKELLFQRHHRHKR\*DKERICTFLYN\*CSTNK\*\*\*\*\*\*D\*\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*EELQWNRTMYKCQHSTMYTWN\*ASSINSTAVKW\*SSRKRGSN\*ISQFQ\*QY\*NHNSTAE\*NCSNQLYKTQQQYKKKYKYRTRESTLCNRRNNRRYKKSTL\*H\*CKRLV\*NFRKGS\*KIKGTI\*K\*NNNL\*ALLRRRPRNRNAQF\*LWRGIFLL\*FNSIV\*WHLEWYLAWYWLE\*Y\*\*RY\*\*S\*KEYHPPMQNKTNHKHVAGSRKSDVCPSHQWTN\*MCIKYYRADINKRWRYF\*YEQGEWEQ\*E\*L\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKKESGAERKKSNWIRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGESPGCGKIPKGSTAPRNLGLLWKTHLHHCSALEY\*LE\*\*ISGCNLG\*HDLDGVGKRN\*QLHRHNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTVIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111921.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VLYVMNSLQISAIVALVVAGILAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*RYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDFR\*\*\*PKNGGRRSKKLLFQYHHREKR\*DKERICTFLSI\*YSTNK\*W\*YY\*A\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIYWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTAINKRWWL\*EQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTHQGKEESGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111922.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VLYVMNSLQISAIVALVVAGIIAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERRHLALGDIDDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*GYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDYR\*\*\*PKNGGRRSKKLLF\*YHHRNKR\*DKERICTFL\*I\*HSISE\*G\*\*Y\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*D\*WNRMAQHFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQF\*LRRGIFLL\*FNTAV\*\*CLALE\*Y\*RVKGR\*KRKYHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTAINKRWWL\*EQ\*DQARDLQTWRRRYEGQLEK\*II\*V\*SSKN\*TIRSSTYQGKEKSGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDLDGVGKRN\*QLYRLNIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111923.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VLYVMNSLQISAIVALVVAGIIAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLALGDIDDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*GYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDYR\*\*\*PKNGGRRSKKLLF\*YHHRNKR\*DKERICTFL\*I\*HSISE\*G\*\*Y\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*D\*WNRMAQHFKTGS\*KIKRTI\*\*NNSL\*SLLGRGPRNCNVQF\*LRRGIFLL\*FNTAV\*\*CLALE\*Y\*RVKGR\*KRKYHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTAINKRWWL\*EQ\*DQARDLQTWRRRYEGQLEK\*II\*V\*SSKN\*TIRSSTYQGKEKSGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDLDGVGKRN\*QLYRLNIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111924.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VLYVMNSLQISAIVALVVAGIIAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLALGDIDDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*GYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDYR\*\*\*PKNGGRRSKKLLF\*YHHRNKR\*DKERICTFL\*I\*HSISE\*G\*\*Y\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*IS\*FQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*D\*WNRMAQHFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQF\*LRRGIFLL\*FNTAV\*\*CLALE\*Y\*RVK\*RWKRKYHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTAINKRWWL\*EQ\*DQARDL\*TWRRRYEGQLEE\*II\*V\*SSKN\*TIRSSTYQGKEKSGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKRSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDLDGVGKRN\*QLYRLNIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111925.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQADLSKQ\*VVYVMISLQIAAIVALVVAGIVAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CYRQLVGHSLLWGTCVERSEHHSVLCIRCESI\*DRGT\*CLGHPRLCTHRPQPTRITIGKCDRKF\*HVEK\*HGRTDA\*GHNQFMGSKPKAMCKTNPTLCYFTLQ\*L\*FY\*NPE\*Q\*\*\*MDP\*\*\*PKNGDRRSKELLFQRHHRHKR\*DKERICTFLYN\*CSTNK\*\*\*\*\*\*D\*\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*EELQWNRTMYKCQHSTMYTWN\*ASSINSTAVKW\*SSRKRGSN\*ISQFQ\*QY\*NHNSTAE\*NCSNQLYKTQQQYKKKYKHRTRESTLCNRRNNRRYKKSTL\*H\*CKRLV\*NFRKGS\*KIRGTI\*E\*NNNL\*ALLRRRPRNCNAQF\*LWRGIFLL\*FNSIV\*WYLEWYLAWYWLEWY\*\*H\*KEYHPPMQNKTNHKHVAGSRKSDVCPSHQWTN\*MCIKYYRADINKRWRYF\*YEQGEWEQ\*E\*L\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKKESGAERKKSNWIRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGESPGCGKIPKGSTAPRNLGLLWKTHLHHCSALEY\*LE\*\*ISGCNLG\*HDLDGVGKRN\*QLHRHNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYYTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQLRTI

>B.2006.KY111926.-

MEPVDPRLEPWNHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQAALSKQ\*VVYVMPPLHIAAIVALVVAGILAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLALGDIDDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*RYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDFR\*\*\*PKNGGRRSKKLLFQYHHREKR\*DKERICTFLSI\*YSTNK\*W\*YY\*A\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIYWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*\*NRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQF\*LRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*RK\*\*HTHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLLKHYRTAINKRWW\*\*QQ\*DQGDLQTWRRRYEGQLEK\*TI\*I\*SSKD\*TIGSSTHQGKEESGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*IFGTDLG\*HDMDGMGKRNWQLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111927.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQAALSKQ\*VVYVMQPLYIASVVALVVAGILAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CYRQLVGHSLLWGTCVERSEHHSVLCIRCESI\*DRGT\*CLGHPRLCTHRPQPTRITLGKCNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKTNPTLCYFTLQ\*L\*FY\*NPE\*Q\*\*\*MDP\*\*\*PKNGDRRSKELLFQRHHRHKR\*DKERICTFLYK\*CSTNE\*\*\*\*YQY\*L\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*EELQWNRTMYKCQHSTVYTWN\*ASSINSTAAKWQSSRRRDSN\*ISQFQ\*QY\*NHNSTAE\*ICNNQLYKTQQQYKKKYKHRTRESTLCNRRNNRRYKKSTL\*H\*CKRLV\*NFRKGS\*KIRGTI\*E\*NNNL\*ALLRRRPRNRNAQF\*LWRGIFLL\*FNSIV\*WYLEWYLAWYWLEWY\*\*H\*KEYHPPMQNKTNHKHVAGSRKSDVCSSHQWTN\*MCIKYYRAAINKRWRYY\*WEQ\*E\*QQ\*E\*Q\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKD\*TIRSSTHHGKKESGAERKKSNWTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPRNLGLLWKTHLHHCSALEY\*LE\*\*ISGCNLG\*HDLDGVGKRN\*QLHRHNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111928.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGILAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*GYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDYR\*\*\*PKNGGRRSKKLLF\*YHHRNKG\*DKERICTFL\*I\*HSISE\*G\*\*Y\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*\*NRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRGGPRNCNVQFQLRRGIFLL\*FNRAV\*\*YLVLE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRNAINKRWWL\*EQ\*DR\*DLQTWRRRYEGQLEE\*TI\*I\*SSKD\*TIGSSTHQGKEESGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLYHHCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNNFYCAFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111929.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQADLSKQ\*VVYVMISLQIAAIVALVVAGIVAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGNINDL\*CYRQVVGHSLLWGTCVERSEHHSILCIRCESI\*DRGT\*CLGHPRLCTHRPQPTRIKIGKCDRKF\*HVEK\*HGRTDA\*GHNQFMGSKPKAMCKTNPTLCYFTLQ\*L\*FY\*NPE\*Q\*\*\*MDP\*\*\*PKNGDRRSKELLFQRHHRHKR\*DKERICTFLYN\*CSTNK\*\*\*\*\*\*D\*\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*EELQWNRTMYKCQHSTMYTWN\*ASSINSTAVKW\*SSRKRGSN\*ISQFQ\*QY\*NHNSTAE\*NCSNQLYKTQQQYKKKYKYRTRESTLCNRRNNRRYKKSTL\*H\*CKRLV\*NFRKGS\*KIKGTI\*K\*NNNL\*ALLRRRPRNRNAQF\*LWRGIFLL\*FNSIV\*WYLEWYLAWYWLGWY\*\*H\*KEYHPPMQNKTNHKHVAGSRKSDVCPSHQWTN\*MCIKYYRADINKRWRYF\*YEQGEWEQ\*E\*L\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKKESGAERKKSNWIRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGESPGCGKIPKGSTAPRNLGLLWKTHLHHCSALEY\*LE\*\*ISGCNLG\*HDLDGVGKRN\*QLHRHNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTVIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111930.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQAALSKQ\*VVYVMPPLHIAAIVALVVAGILAIVVWSIVVIEYRKILRQRKIDKLIDRIRERAEDSGNESEGDQEELSALVERGHLALGDIDDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*GYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDFR\*\*\*PKNGGRRSKKLLFQYHHREKR\*DKERICTFLSI\*YSSNK\*W\*YY\*A\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIYWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*RK\*\*HTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTAINKRWWL\*EQWDR\*NLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEKSGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111931.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDLGDINDL\*CCRQLVGHSLLWGTCVERSNHHSILCLRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*YGRTDA\*GYNQFMGSKLKAMCKINPTLCYFSLH\*C\*FDI\*ESDYQ\*\*\*PKNGGRRSKKLLFQYHHREKR\*DKERICTFL\*T\*CSTNK\*\*\*DQI\*VNKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIYWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRHAINKRWWL\*EQ\*D\*\*DLQTWRRRYEGQLEE\*TI\*I\*SSKD\*TIGSSTHQGKEESGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111932.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VLYVMNSLQISAIVALVVAGIIAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLALGDIDDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*GYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDYR\*\*\*PKNGGRRSKKLLFQYHHREKR\*DKERICTFL\*T\*CSTNK\*\*\*DQI\*VNKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIYWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKEKYTHGTRESILCKRRHNRRHKKSIL\*D\*WNRMAQHFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQF\*LRRGIFLL\*FNTAV\*\*CLALE\*Y\*RVK\*R\*KRKYHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTAINKRWWL\*EQ\*DQARDLQTWRRRYEGQLEE\*TI\*I\*SSKD\*TIGSSTHQGKEKSGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDLDGVGKRN\*QLYRLNIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111933.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VLYVMNSLQISAIVALVVAGIIAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLALGDIDDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*GYNQLMGSKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDYR\*\*\*PKNGGRRSKKLLF\*YHHRNKR\*DKERICTFL\*I\*HSISE\*G\*\*Y\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*D\*WNRMAQHFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQF\*LRRGIFLL\*FNTAV\*\*CLALE\*Y\*RVEGR\*KRKYHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTAINKRWWL\*EQ\*DQARDLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHHCALEY\*LE\*\*ISGTDLG\*HDLDGVGKRN\*QLYRLNIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111934.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQADLSKQ\*VVYVMISLQIAAIVALVVAGILAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGNINDL\*CYRQVVGHSLLWGTCVERSEHHSILCIRCESI\*DRGT\*CLGHPRLCTHRPQPTRIKIGKCDRKF\*HVEK\*HGRTDA\*GHNQFMGSKPKAMCKTNPTLCYFTLQ\*L\*FY\*NPK\*Q\*\*\*MDP\*\*\*PKNGDRRSKELLFQRHHRHKR\*DKERICTFLYN\*CSTNK\*\*\*\*\*\*D\*\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*EELQWNRTMYKCQHSTMYTWN\*TSSINSTTVKW\*SSRRRGSN\*ISQFQ\*QY\*NHNSTAE\*NCSNQLYKTQQQYKKKYKHRTRESTLCNRRNNRRYKKSTL\*H\*CKRLV\*NFRKGS\*KIKGTI\*Q\*NNNL\*ALLRRRPRNRNAQF\*LWRGIFLL\*FNSIV\*WYLEWYCLE\*D\*LE\*Y\*WH\*KEYHPPMQNKTNHKHVARSRKSDVCPSHQWTN\*MCIKYYRAAINKRWRYF\*YEQGEWEQ\*E\*L\*\*Q\*DLQTWRRRYEGQLEK\*IV\*I\*SSKD\*TIRSSTHHGKKESGAERKKSNWTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGESPGCGKIPKGSTAPRNLGLLWKTHLHHCSALEY\*LE\*\*ISGCNLG\*HDLDGVGKRN\*QLHRHNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTVIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111935.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VLYVMNSLQISAIVALVVAGIIAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLALGDIDDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*GYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDYR\*\*\*PKNGGRRSKKLLF\*YHHRNKR\*DKERICTFL\*I\*HSISE\*G\*\*Y\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*D\*WNRMAQHFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQF\*LRRGIFLL\*FNTAV\*\*CLALE\*Y\*RVKGR\*KRKYHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTAINKRWGL\*EQ\*DQARDLQTWRRRYEGQLEK\*II\*V\*SSKN\*TIRSSTYQGKEKSGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLGKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDLDGVGKRN\*QLYRLNIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111936.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQADLSKQ\*VVNVMISLQIAAIVALVVAGIVAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CYRQVVGHSLLWGTCVERSEHHSILCIRCESI\*DRGT\*CLGHPRLCTHRPQPTRITIGKCDRKF\*HVEK\*HGRTDA\*GHNQFMGSKPKAMCKTNPTLCYFTLQ\*L\*FYCYPE\*\*\*\*Q\*\*\*MDL\*\*\*PKNGDRRSKELLFQRHHRHKR\*DKERICTFLYN\*CSTNK\*\*\*\*\*\*D\*\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*EELQWNRTMYKCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*ISQFQ\*QY\*NHTSTAE\*ICNNQLYKTQQQYKKKYKHRTRESTLCNRRNNRRYKKSTL\*H\*CKRLV\*NFRKGS\*KIRGTI\*E\*NNNL\*ALLRRRPRNRNAQF\*LWRGIFLL\*FNSIV\*WYLEWYLAWYWLGWY\*\*H\*KEYHPPMQNKTNHKHVAGSRKSDVCPSHQWTN\*MCIKYYRADINKRWRYF\*YEQGEWEQ\*E\*L\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKD\*TIRSSTYQGKEESGAERKKSNWTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTTPRNLGLLWKTHLHHCSALEY\*LE\*\*ISGCNLG\*HDLDGVGKRN\*QLHRHNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111937.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQAALSKQ\*VVYVMQPLYIASVVALVVAGILAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGNINDL\*CYRQLVGHSLLWGTCVERSEHHSILCIRCESI\*DRGT\*CLGHPRLCTHRPQPTRIKIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKTNPTLCYFTLQ\*L\*FYYNQE\*\*R\*Q\*\*\*MDP\*\*\*PKNGRRRSKELLFQRHHRHKR\*DKERICTFLYN\*CSTNK\*W\*SY\*\*\*\*V\*VDKL\*HLSPYTGLSKSIL\*TNSYTLLCPGWFCDSKV\*\*EELQWNRTM\*RCQHSTMYTWN\*ASSINSTAVKWQSSKRRGSN\*ISQFQ\*QY\*NHNSTAESICNNQLYKTQQQYKKKYKHRTRESTLCNRRNNRRYKKSTL\*H\*CKRLV\*HFRKGS\*KIKGTI\*E\*NNNL\*ALLRRRPRNRNAQF\*LWRGIFLL\*FNSIV\*WHLEWYLAWYWLEWY\*\*RY\*\*H\*KEYHPPMQNKTNHKPVAGSRKSDVCPSHQWTN\*MCIKYYRAAINKGWRYY\*WEQ\*E\*QQ\*E\*L\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKKESGAERKKSNWIRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCSALEY\*LE\*\*ISGCNLG\*HDLDGVGKRN\*QLHRHNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111938.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQAALSKQ\*VVYVMQPLYIASVVALVVAGVLAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CYRRLVGHSLLWGTCVERSEHHSILCIRCESI\*NRGT\*CLGHPRLCTHRPQPTRIKIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSEPKAMCKTNPTLCYFTLQ\*L\*FYYYPE\*\*\*\*Q\*\*\*MDL\*\*\*PKNGDRRSKELLFQRHHRHKR\*DKERICTFLYN\*CSTNE\*\*\*\*N\*\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*G\*ELQWNRTMYKCQHSTMYTWN\*TSSINSTAVKW\*SSRRRGSN\*ISQFQ\*QY\*NHNSTAE\*ICNNQLYKTQQQYKKQYKHRTRESTLYNRSHNRRYKKSTL\*H\*CKRLG\*HFKKGS\*KIKGTI\*E\*NNNL\*ALLRRRPRNRNTQF\*LWRGIFLL\*FNSIV\*WYLEWYLAWYWLGWY\*\*H\*KEYHPPMQNKTNHKHVAGSRKSDVCPSHQRTN\*MCIKYYRADINKRWRYF\*\*EQG\*\*QQ\*E\*L\*\*Q\*DL\*TWRRRYEGQLEK\*II\*I\*SSKD\*TIRSGTHQGKEESGAERKKSNWTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPQGSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*ISGYNLG\*HDLDGVGKRN\*QLHRYNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSTEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111939.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQGSLSKQ\*VIYVMNSLQIAAIVALVVAGIIAIVVWTIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLALGDIDDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*RYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDFR\*\*\*PKNGGRRSKKLLFQYHHREKR\*DKERICTFLSI\*YSTNK\*W\*YY\*A\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIYWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTYGTRESILCKRRHNRRHKKSIL\*N\*\*NRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQF\*LRRGIFLL\*FNTAV\*\*CLALE\*Y\*RVK\*RWKR\*YHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTAINKRWW\*\*QQ\*DQGDLQTWRRRYEGQLEE\*II\*V\*SSKN\*TIRSSTYQGKEKSGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*IFGTDLG\*HDMDGMGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111940.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQADLSKQ\*VVYVMISLQIAAIVALVVAGILAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGNINDL\*CYRQVVGHSLLWGTCVERSEHHSILCIRCESI\*DRGT\*CLGHPRLCTHRPQPTRIKIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKTNPTLCYFTLQ\*L\*FY\*NPE\*Q\*\*\*MDP\*\*\*PKNGRRRSKELLFQHHHRHKR\*DKERICTFLYN\*CSTNK\*W\*\*Y\*\*\*\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*EELQWNRTMYKCQHSTMYTWN\*TSSINSTTVKW\*SSRRRGSN\*ISQFQ\*QY\*NHNSTAESICNNQLYKTQQQYKKKYKHRTRKSTLCNRRNNRRYKKSTL\*H\*CKRLV\*NFRKGS\*KIKGTI\*Q\*NNNL\*ALLRRRPRNRNAQF\*LWRGIFLL\*FNSIV\*WYLEWYLAWYWLGWY\*\*H\*KEYHPPMQNKTNHKHVAGSRKSDVCPSHQWTN\*MCIKYYRADINKRWRYF\*YEQGEWEQ\*E\*L\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKKESGAERKKSNWIRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCSALEY\*LE\*\*ISGCNLG\*HDLDGVGKRN\*QLHRHNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTVIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111941.-

MEPVDPRLEPWNHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVYVMPPLHIAAIVALVVAGILAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLDLGDINDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*GYNQFMGSKLKTMCKINTTLCYFRLH\*C\*LDR\*KSDYR\*\*\*PKNGGRRSKKLLF\*YHHREKR\*DKERICTFLSI\*YSTNK\*W\*YY\*A\*VDKL\*HLSHYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*\*AIYWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRKHKKSIL\*N\*\*NRMA\*HFKTGR\*KINRTI\*\*NNSL\*SLLRRGPRNCNVQF\*LRRGIFLL\*FNTAV\*\*\*WVLE\*Y\*RVT\*H\*KRYTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHHRTAINKRWWF\*EQ\*DQ\*DLQTWRRRYEGQLEE\*II\*V\*NSKN\*TIRSSTYQGKEKSGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*IFGTDLG\*HDMDGMGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111942.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQADLSKQ\*VVYVMISLQIAAIVALVVAGIVAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGNINDL\*CYRQVVGHSLLWGTCVERSEHHSILCIRCESI\*DRGT\*CLGHPRLCTHRPQPTRIKIGKCDRKF\*HVEK\*HGRTDA\*GHNQFMGSKPKAMCKTNPTLCYFTLQ\*L\*FY\*NPK\*Q\*\*\*MDP\*\*\*PKNGDRRSKELLFQRHHRHKR\*DKERICTFLYN\*CSTNK\*\*\*\*\*\*D\*\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*EELQWNRTMYKCQHNTMYTWN\*ASSINSTAAKWQFSRRRDSN\*ISQFQ\*QY\*NHTSTAE\*ICNNQLYKTQQQYKKKYKHRTRESTLCNRRNNRRYKKSTL\*H\*CKRLV\*NFRKGS\*KIRGTI\*E\*NNNL\*ALLRRRPRNRNAQF\*LWRGIFLL\*FNSIV\*WYLEWYLAWYWLEWY\*\*H\*KEYHPPMQNKTNHKYVAGSRKSDVCPSHQWTN\*MCIKYYRADINKRWRYF\*YEQGEWEQ\*E\*L\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKD\*TIRSSTYQGKEESGAERKKSNWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGESPGCGKIPKGSTAPRNLGLLWKTHLHHCSALEY\*LE\*\*ISGCNLG\*HDLDGVGKRN\*QLHRHNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTVIVSDPPPSSEGTRQARRNRRRRWRERQRQLRTI

>B.2006.KY111943.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQADLSKQ\*VVYVMIPLQIAAIVALVVAGILAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CYRQLVGHSLLWGTCVERSEHHSILCIRCESI\*DRGT\*CLGHTCLCTHRPQPTRIKIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKTNPTLCYFTWQRL\*FYYYPE\*\*\*\*Q\*\*\*MDL\*\*\*PKNGARRSKELLFQRHHRHKR\*DKERICTFLYN\*CSTNK\*W\*\*Y\*\*\*L\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*EELQWNRTMYKCQHSTMYTWN\*TSSINSTAVKW\*SSRERGSN\*ISQFQ\*QY\*NHNSTAE\*NCSNQLYKTQQQYKKKYKHRTRESTLCNRRNNRRYKKSTL\*H\*CKRLV\*DFRKDS\*KIKKTI\*E\*NKYNL\*ALLRRRPRNCNAQF\*LWRRIFLL\*FNTIV\*\*YLV\*\*WY\*QLE\*YWLEWY\*\*H\*QEYHPPMQNKTNHKHVAGSRKSDVCPSHQWTK\*MCIKYYRADINKRWRYF\*YEQGEWEQ\*E\*L\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKD\*TIRSSTYQGKEESGAERKKSNWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCSALEY\*LE\*\*ISRCNLG\*HDLDGVGKRN\*QLHRHNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2006.KY111944.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLALGDIDDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPARSRIGNVTENFNMWENNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLACTNANWTARNQTFDNSSLKMEEGEVKNCSFNITTERRDKIRKEYALFYQFDIVPINDGNITRHRLISCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDKQFIGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSVNFSDNAKTIIVQLNKSVEITCTRPNNNTRKSIPMGPGKAFYARGDIIGDIRKAHCEINRTEWHNTLKLVVEKLREQYNKTIVFNRSSGGDPEIVMYSFNCGGEFFYCNSTKLFNSTWSWNDPKGSHDTKENSSTLILPCKIKQIINMWQGVGKAMYAPPIEGKIKCSSNITGLLLTRDGGYENNGTQSEIFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAFGLGAVFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTTVPWNTSWSNKSLEQIWDNMTWMEWEREIDNYTGYIYQLIEESQNQQEKNEQELLALDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTHLPAQRGPDRPEGIGEEGGKRDRDRSGPL

>B.2006.KY111945.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGILAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*GYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDYR\*\*\*PKNGGRRSKKLLF\*YHHRNKG\*DKERICTFL\*I\*HSISE\*G\*\*Y\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*\*NRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRGGPRNCNVQFQLRRGIFLL\*FNRAV\*\*YLVLE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRNAINKRWWL\*EQ\*DR\*DLQTWRRRYEGQLEE\*TI\*I\*SSKD\*TIGSSTHQGKEESGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHHCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNNFYCAFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY111946.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VLYVMNSLQISAIVALVVAGIIAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*RYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDFR\*\*\*PKNGGRRSKKLLFQYHHREKR\*DKERICTFLSI\*YSTNK\*W\*YY\*A\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*\*HTRTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTAINKRWWL\*EQ\*D\*\*NLQTWRRRYEGQLEE\*II\*V\*SSKD\*TIGSSTHQGKEESGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY111947.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYDSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY111948.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY111949.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY111950.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY111951.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY111952.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY111953.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY111954.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY111955.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSMGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY111956.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLE\*GWDKA\*GHWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIHEI

>B.2008.KY111957.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQGSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY111958.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMENHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY111959.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCEKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY111960.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQSYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY111961.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YLHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTSYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAGQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY111962.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY111963.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*S\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY111964.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSKQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY111983.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VAHVMQPLTIAAIVALVVAIIIAIIVWTIVGIEYRKILKQRKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SI\*YRET\*CLGHTCLCTHRPQPTRSSIRKCDRRF\*HVEK\*HGRTDA\*RCNQFMGTKPEAMCKINPTLCYFKLH\*YNQKCC\*YHHHS\*Y\*YHCY\*\*GRRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNRS\*\*YY\*\*WELYY\*\*WELYQL\*IDKL\*HLSHYAGLSKGYI\*ANSYTLLCPGWFCNTKVQR\*KVQGKRTMYKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QYLGQC\*NHNSTSERIYRN\*LYKTQ\*QYKKKYIYRTRESILCNRRHNRRYKTSTL\*H\*\*NSLEQNFTTSSKKVTKRI\*\*NNNL\*KLRRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLE\*EWDKA\*\*H\*RRWQHHTPM\*NKTNYKHVARSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCKQDSKRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSST\*QGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHCCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRQIREI

>B.2008.KY111984.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VAHVMQPLTIAAIVALVVAIIIAIIVWTIVVIEYRKILRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYFILCIRC\*SICCRET\*CLGHTCLCTHRPQPTRNSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*YNQKVANTNASTNATVNATANSKGGESWGEIKNCSFNVTTSIRDKVKKEYALFYKLDVVPIDPDNATNNGNYTTNNGNYTNYRLINCNTSVITQACPKVTFEPIPIHYCAPAGFAILKCNDKKFKGKGSCANVSTVQCTHGIRPVVSTQLLLNGSLAEDDVVIRSDNFSDNAKIIIVHLNESIQINCTRPNNNTRKSIPIGPGRAFYATGDIIGDIRQAHCNISRRDWNKTLQLVVKKLQEEFNKTTIIFKNSSGGDPEIVMHSFNCGGEFFYCNTTELFNSTWNENGTRLNDTGGDGNITLPCRIKQIINMWQEVGKAMYAPPIRGQISCVSNITGLLLTRDGGVNKTQNETFRPGGGDMRDNWRSELYKYKVVQIEPLGIAPSKAKRRVVQREKRAVGTLGAMFLGFLGAAGSTMGAASLTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARLLAVERYLRDQQLLGIWGCSGRIICTTTVPWNASWSNKTYNEIWKNMTWMQWEREIDNYTSLIYTLIEESQNQQEKNEQDLLALDQWASLWNWFDITQWLWYIKIFIMIVGGLVGLRIVFAVLSIVNRVRQGYSPLSFQTRLPVQRGPDRPDGIEEEGGERDRDTSVRL

>B.2008.KY111985.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIAAIVALVVAIIIAIIVWTIVAIEYRRIVKQRKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRIF\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*YNQKWC\*YHHQY\*Y\*YH\*Y\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNRS\*\*YY\*\*WELYY\*\*WELYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCDTKVQR\*EVQGKRIMCKCQHSTMYTWN\*ASSVNPTVVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYSN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSEKVTRRI\*\*NNNNL\*KLCRRGPRNCNAQF\*LWRGIFLL\*YNELFNSTWSENGTRLNYTEGDGNITLPCRIKQIINMWQEVGKAMYAPPIRGQISCVSNITGLLLTRDGGVNNTNETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPSKAKRRVVQREKRAVGTLGAMFLGFLGAAGSTMGAASLTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARLLAVERYLRDQQLLGIWGCSGRIICTTAVPWNASWSNKTYNEIWENMTWMQWEREIDNYTSLIYTLIEESQNQQEKNEQDLLALDQWASLWNWFSITQWLWYIKIFIMIVGGLVGLRIVFAVLSIVNRVRQGYSPLSFQTRLPVQRGPDRPDGIEEEGGERDRGKSVRL

>B.2008.KY111986.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VAHVMQPLTIAAIVALVVAIIIAIIVWTIVVIEYRKILRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRKF\*YVEK\*HGRTDA\*GCNQFMGTKPETMCKINPTLCYFKLH\*CC\*YYHPHQYWD\*CHRY\*\*GRNKELLFQCYH\*HKR\*S\*ERICSFL\*T\*CSTNR\*YY\*\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYSN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNSL\*KLRRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLE\*EWDTA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCKPYSQRNL\*TWRRRYERQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKK\*AGFIGIRSVGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRQIREI

>B.2006.KY112056.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VLYVMNSLQISAIVALVVAGIIAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLALGDIDDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*GYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDYR\*\*\*PKNGGRRSKKLLF\*YHHRNKR\*DKERICTFL\*I\*HSISE\*G\*\*Y\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSTL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQF\*LRRGIFLL\*FNTAV\*\*CLALE\*Y\*RVK\*R\*KRKYHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTAINKRWWL\*EQ\*DQARDLQTWRRRYEGQLEK\*II\*V\*SSKN\*TIRSSTYQGKEKSGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDLDGVGKRN\*QLYRLNIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112057.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQADLSKQ\*VVYVMISLQIAAIVALVVAGIVAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGNINDL\*CYRQVVGHSLLWGTCVERSEHHSILCIRCESI\*DRGT\*CLGHPRLCTHRPQPTRIKIGKCDRKF\*HVEK\*HGRTDA\*GHNQFMGSKPKAMCKTNPTLCYFTLQ\*L\*FY\*NPE\*Q\*\*\*MDP\*\*\*PKNGDRRSKELLFQRHHRHKR\*DKERICTFLYN\*CSTNK\*\*\*\*\*\*D\*\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*EELQWNRTMYKCQHSTMYTWN\*ASSINSTAVKW\*SSRKRGSN\*ISQFQ\*QY\*NHNSTAE\*NCSNQLYKTQQQYKKKYKYRTRESTLCNRRNNRRYKKSTL\*H\*CKRLV\*NFRKGS\*KIKGTI\*K\*NNNL\*ALLRRRPRNCNAQF\*LWRGIFLL\*FNSIV\*WYLEWYLAWLECY\*\*QEYHPPMQNKTNHKHVAGSRKSDVCPSHQWTN\*MCIKYYRADINKRWRYF\*YEQGEWEQ\*ERL\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKD\*TIRSSTYQGKEESGAERKKSNWTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGEIPKGSTAPRNLGLLWKTHLHHCSALEY\*LE\*\*ISGCNLG\*HDLDGVGKRN\*QLHRHNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTVIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112058.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VLYVMNSLQISAIVALVVAGIIAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLALGDIDDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*GYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDYR\*\*\*PKNGGRRSKKLLF\*YHHRNKG\*DKERICTFL\*I\*HSISE\*G\*\*Y\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKESIL\*N\*\*NRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRGGPRNCNVQFQLRRGIFLL\*FNRAV\*\*YLVLE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTAINKRWWL\*EQ\*D\*\*DLQTWRRRYEGQLEE\*TI\*I\*SSKD\*TIGSSTHQGKEESGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHHCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNNFYCAFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112059.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQADLSKQ\*VVYVMISLQIAAIVALVVAGIVAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGNINDL\*CYRQVVGHSLLWGTCVERSEHHSILCIRCESI\*DRGT\*CLGHPRLCTHRPQPTRIKIGKCDRKF\*HVEK\*HGRTDA\*GHNQFMGSKPKAMCKTNPTLCYFTLQ\*L\*FY\*NPE\*Q\*\*\*MDP\*\*\*PKNGDRRSKELLFQRHHRHKR\*DKERICTFLYN\*CSTNK\*\*\*\*\*\*D\*\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*EELQWNRTMYKCQHSTMYTWN\*ASSINSTAVKW\*SSRKRGSN\*ISQFQ\*QY\*NHNSTAE\*NCSNQLYKTQQQYKKKYKYRTRESTLCNRRNNRRYKKSTL\*H\*CKRLV\*NFRKGS\*KIKGTI\*K\*NNNL\*ALLRRRPRNRNAQF\*LWRGIFLL\*FNSIV\*WYLEWYLAWYWLGWY\*\*H\*KEYHPPMQNKTNHKHVAGSRKSDVCPSHQWTD\*MCIKYYRADINKRWRYF\*YEQGEWEQ\*E\*L\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKKESGAERKKSNWIRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGESPGCGKIPKGSTAPRNLGLLWKTHLHHCSALEY\*LE\*\*ISGCNLG\*HDLDGVGKRN\*QLHRHNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTVIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112060.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQAALSKQ\*VVYVMQPLYIASVVALVVAGILAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGNINDL\*CYRQVVGHSLLWGTCVERSEHHSILCIRCESI\*DRGT\*CLGHPRLCTHRPQPTRIKIGKCDRKF\*HVEK\*HGRTDA\*GHNQFMGSKPKAMCKTNPTLCYFTLQ\*L\*FY\*NPE\*Q\*\*\*MDP\*\*\*PKNGRRRSKELLFQHHHRHKR\*DKERICTFLYN\*CSTNK\*W\*\*Y\*\*\*\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*EELQWNRTMYKCQHSTMYTWN\*TSSINSTAVKW\*SSRKRGSN\*ISQFQ\*QY\*NHNSTAE\*NCSNQLYKTQQQYKKKYKHRTRESTLCNRRNNRRYKKSTL\*H\*CKRLV\*NFRKGS\*KIKGTI\*Q\*NNNL\*ALLRRRPRNRNAQF\*LWRGIFLL\*FNSIV\*WYLEWYCLE\*Y\*LE\*Y\*WH\*KEYHPPMQNKTNHKHVAGSRKSDVCPSHQWTN\*MCIKYYRADINKRWRYF\*YEQGEWEQ\*E\*L\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKKESGAERKKSNWIRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGESPGCGKIPKGSTAPRNLGLLWKTHLHHCSALEY\*LE\*\*ISGCNLG\*HDLDGVGKRN\*QLHRHNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTVIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112061.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQDSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDIDDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*GYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDR\*KSDYR\*\*\*PKNGGRRSKELLF\*YHHRNKR\*DKERICTFL\*I\*HSISE\*G\*\*Y\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*\*AIYWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*IS\*FQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNTAV\*\*CLALE\*Y\*RVK\*R\*KR\*YHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKYYRTAINKRWWL\*EQ\*DQARDLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEKSGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDLDGVGKRN\*QLYRLNIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKTIHNDSRRLNRFKNSFYCAFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112062.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQAALSKQ\*VVYVMQPLQISIVALVVAGILAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGNINDL\*CYRQVVGHSLLWGTCVERSEHHSILCIRCESI\*DRGT\*CLGHPRLRTHRPQPTRIKIGKCDRKF\*HVEK\*YGRTDA\*GYNQFMGSKPKAMCKTNPTLCYFKLH\*L\*FYHYPER\*\*\*Q\*\*\*MDL\*\*\*PKNGDRRSKELLFQRHHRHKR\*DKERICTFLYN\*CSTNE\*\*\*\*YS\*LQVDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*EELQWNRTM\*RCQHSTMYTWN\*ASSINSTAVKWQSSKRRGSN\*ISQFQ\*QY\*NHNSTAESICNNQLYKTQQQYKKRYKHRTRESTLCNRSNNRRYKKSTL\*H\*CKRLV\*HFRKGS\*KIKGTI\*Q\*NNNL\*ALLRRRPRNRNAQF\*LWRGIFLL\*FNSIV\*WDLEWYLAWYWLE\*Y\*\*H\*KEYHPPMQNKTNHKHVAGSRKSDVCPSHQWTNQMCIKYYRADINKRWRYF\*YKQGEWEQ\*E\*L\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEESGAERKKSNWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*ISGYNLG\*HDLDGVGKRN\*QLHRYNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTVYSE\*S\*AGILTIIVSDPPPSTEGTRQARRNRRRRWRERQRQIQTI

>B.2006.KY112063.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VLYVMNSLQISAIVALVVAGIIAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLALGDIDDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*GYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDYR\*\*\*PKNGGRRSKKLLF\*YHHRNKR\*DKERICTFL\*I\*HSISE\*G\*\*Y\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*IS\*FQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*D\*WNRMAQHFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQF\*LRRGIFLL\*FNTAV\*\*CLALE\*Y\*RVK\*RWKRKYHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTAINKRWWL\*EQ\*DQARDL\*TWRRRYEGQLEE\*II\*V\*SSKN\*TIRSSTYQGKEKSGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDLDGVGKRN\*QLYRLNIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112064.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQADLSKQ\*VVYVMISLQIAAIVALVVAGIVAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGNINDL\*CYRQVVGHSLLWGTCVERSEHHSILCIRCESI\*DRGT\*CLGHPRLCTHRPQPTRIKIGKCDRKF\*HVEK\*HGRTDA\*GHNQFMGSKPKAMCKTNPTLCYFTLQ\*L\*FY\*NPE\*Q\*\*\*MDP\*\*\*PKNGDRRSKELLFQRHHRHKR\*DKERICTFLYN\*CSTNK\*\*\*\*\*\*D\*WV\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*EELQWNRTMYKCQHSTMYTWN\*ASSINSTAVKW\*SSRKRGSN\*ISQFQ\*QY\*NHNSTAE\*NCSNQLYKTQQQYKKKYKYRTRESTLCNRRNNRRYKKSTL\*H\*CKRLV\*NFRKGS\*KIKGTI\*Q\*NNNL\*ALLRRRPRNRNAQF\*LWRGIFLL\*FNSIV\*WYLEWYCLE\*Y\*LE\*Y\*WH\*KEYHPPMQNKTNHKHVAGSRKSDVCPSHQWTN\*MCIKYYRADINKRWRYF\*YEQGEWEQ\*E\*L\*\*Q\*DLQTWRRRYEGQLEK\*IV\*I\*SSKD\*TIRSSTHHGKKESGAERKKSNWTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCSALEY\*LE\*\*ISRCNLG\*HDLDGVGKRN\*QLHRHNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTVIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112065.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDNQTHQGSLSKQ\*VLYVMNSLQISAIVALVIAGIIAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLALGDIDDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*RYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDSEKSDFR\*\*\*PKNGGRRSKKLLFQYHHREKR\*DKERICTFLSI\*YSTNK\*W\*YY\*A\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIYWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*\*NRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQF\*LRRGIFLL\*FNTAV\*\*CLALE\*Y\*RVK\*RWKR\*YHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTAINKRWW\*\*QQ\*DQGDLQTWRRRYEGQLEE\*II\*V\*SSKN\*TIRSSTYQGKEKSGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*IFGTDLG\*HDMDGMGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112066.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQGSLSKQ\*VIYVMNSLQIAAIVALVVAGIIAIVVWTIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLALGDIDDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*RYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDFR\*\*\*PKNGGRRSKKLLFQYHHREKR\*DKERICTFLSI\*YSTNK\*W\*YY\*A\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIYWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*\*NRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQF\*LRRGIFLL\*FNTAV\*\*CLALE\*Y\*RVK\*RWKR\*YHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTAINKRWW\*\*QQ\*DQGDLQTWRRRYEGQLEE\*II\*V\*SSKNRTIRSSTYQGKEKSGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*IFGTDLG\*HDMDGMGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112067.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VLYVMNSLQISAIVALVVAGIIAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLALGDIDDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*GYNQFMGTKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDYR\*\*\*PKNGGRRSKKLLF\*YHHRNKR\*DKERICTFL\*I\*HSISE\*G\*\*Y\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*D\*WNRMAQHFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQF\*LRRGIFLL\*FNTAV\*\*CLALE\*Y\*RVKGR\*KRKYHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTAINKRWWL\*EQ\*DQARDLQTWRRRYEGQLEK\*II\*V\*SSKN\*TIRSSTYQGKEKSGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112068.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VLYVMNSLQISAIVALVVAGIIAIVVWSIVVIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*RYNQFMGSKLKTMCKINTTLCYFSLH\*C\*LDS\*KSDFR\*\*\*PKNGGRRSKKLLFQYHHREKR\*DKERICTFLSI\*YSTNK\*W\*YY\*A\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIYWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*D\*WNRMAQHFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQF\*LRRGIFLL\*FNTAV\*\*CLALE\*Y\*RVK\*R\*KRKYHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTAINKRWWL\*EQ\*DQA\*DLQTWRRRYEGQLEK\*II\*V\*SSKN\*TIRSSTYQGKEKSGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDLDGVGKRN\*QLYRLNIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112069.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VLYVMNSL\*ISAIVALVVAGIIAIVVWTIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLALGDIDDL\*CCRQLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIGKCDRKF\*HVGK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFSLH\*C\*LDS\*KSDF\*\*\*\*PKNGGRRSKKLLFQYHHREKR\*DKERICTFLSI\*YSTNK\*W\*YY\*A\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIYWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NHNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*\*NRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQF\*LRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*RK\*\*HTHTPMQNKTNYKHVAGSRKSNVCPSHRRTN\*MLIKHYRTAINKRWW\*\*QQ\*DQGDLQTWRRRYEGQLEE\*II\*V\*SSKN\*TIRSSTYQGKEESGAERKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*IFGTDLG\*HDMDGMGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112070.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQADLSKQ\*VVYVMISLQIAAIVALVVAGIVAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGNINDL\*CYRQVVGHSLLWGTCVERSEHHAILCIRCESI\*DRGT\*CLGHPRLCTHRPQPTRIKIGKCDRKF\*HVEK\*HGRTDA\*GHNQFMGSKPKAMCKTNPTLCYFTLQ\*L\*FY\*NPE\*Q\*\*\*MDP\*\*\*PKNGDRRSKELLFQRHHRHKR\*DKERICTFLYN\*CSTNK\*\*\*\*\*\*D\*\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*EELQWNRTMYKCQHSTMYTWN\*ASSINSTAVKW\*SSRKRGSN\*ISQFQ\*QY\*NHNSTAE\*NCSNQLYKTQQQYKKKYKHRTRESTLCNRRNNRRYKKSTL\*H\*CKRLV\*NFRKGS\*KIRGTI\*E\*NNNL\*ALLRRRPRNRNAQF\*LWRGIFLL\*FNSIV\*WYLEWYLAWYWLEWY\*\*H\*KEYHPPMQNKTNHKYVAGSRKSDVCPSHQWTN\*MCIKYYRADINKRWRYF\*YEQGEWEQ\*E\*L\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKKESGAERKKSNWIRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGESPGCGKIPKGSTAPRNLGLLWKTHLHHCSALEY\*LE\*\*ISGCNLG\*HDLDGVGKRN\*QLHRHNIPIN\*RIAVPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTVIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112071.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQADLSKQ\*VVYVMISLQIAAIVALVVAGIVAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALRNINDL\*CYRQVVGHSLLWGTCVERSEHHSILCIRCESI\*DRGT\*CLGHPRLCTHRPQPTRIKIGKCDRKF\*HVEK\*HGRTDA\*GHNQFMGSKPKAMCKTNPTLCYFTLQ\*L\*FY\*NPE\*Q\*\*\*MDP\*\*\*PKNGDRRSKELLFQRHHRHKR\*DKERICTFLYN\*CSTNK\*\*\*\*\*\*D\*\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*EELQWNRTMYKCQHSTMYTWN\*ASSINSTAVKW\*SSRKRGSN\*ISQFQ\*QY\*NHNSTAE\*NCSNQLYKTQQQYKKKYKYRTRESTLCNRRNNRRYKKSTL\*H\*CKRLV\*NFRKGS\*KIKGTI\*K\*NNNL\*ALLRRRPRNRNAQF\*LWRGIFLL\*FNSIV\*WYLEWYLAWYWLGWY\*\*H\*KEYHPPMQNKTNHKHVAGSRKSDVCPSHQWTN\*MCIKYYRADINKRWRYF\*YEQGEWEQ\*E\*L\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKD\*TIRGSTHQGKKESGAERKKSNWIRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGESPGCGKIPKGSTAPRNLGLLWKTHLHHCSALEY\*LE\*\*ISGCNLG\*HDLDGVGKRN\*QLHRHNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTVIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112072.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQADLSKQ\*VVYVMISLQIAAIVALVVAGIVAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGNINDL\*CYRQVVGHSLLWGTCVERSEHHAILCIRCESI\*DRGT\*CLGHPRLCTHRPQPTRIKIGKCDRKF\*HVEK\*HGRTDA\*GHNQFMGSKPKAMCKTNPTLCYFTLQ\*L\*FY\*NPE\*Q\*\*\*MDP\*\*\*PKNGDRRSKELLFQRHHRHKR\*DKERICTFLYN\*CSTNK\*\*\*\*\*\*D\*\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*EELQWNRTMYKCQHSTMYTWN\*ASSINSTAVKW\*SSRKRGSN\*ISQFQ\*QY\*NHNSTAE\*NCSNQLYKTQQQYKKKYKHRTRESTLCNRRNNRRYKKSTL\*H\*CKRLV\*NFRKGS\*KIRGTI\*E\*NNNL\*ALLRRRPRNRNAQF\*LWRGIFLL\*FNSIV\*WYLEWYLAWYWLEWY\*\*H\*KEYHPPMQNKTNHKYVAGSRKSDVCPSHQWTN\*MCIKYYRADINKRWRYF\*YEQGEWEQ\*E\*L\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKKESGAERKKSNWIRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGESPGCGKIPKGSTAPRNLGLLWKTHLHHCSALEY\*LE\*\*ISGCNLG\*HDLDGVGKRN\*QLHRHNIPIN\*RIAVPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTVIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112073.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQTHQAALSKQ\*VVYVMQPLQISIVALVVAGILAIVVWSIVAIEYRKILRQRKIDRLIDRIRERTEDSGNESDGDQEELSALVERGHLALGNINDL\*CYRQVVGHSLLWGTCVERSEHHSILCIRCESI\*DRGT\*CLGHPRLCTHRPQPTRIKIGKCNRKF\*HVEKQHGRTDA\*GYNQFMGSKPKAMCKTNPTLCYFTLQRL\*FYYYPE\*\*\*\*Q\*\*\*MDL\*\*\*PKNGARRSKELLFQRHHRHKR\*DKERICTFLYN\*CSTNK\*W\*\*Y\*\*\*L\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*\*EELQWNRTMYKCQYSTMYTWN\*TSSINSTAVKW\*SSRKRGSN\*ISQLQ\*QY\*NHNSTAE\*NCSNQLYKTQQQYKKKYKHRTRESTLCNRRNNRRYKKSTL\*H\*CKRLV\*HFRKGS\*KIKGTI\*E\*NNNL\*ALLRRRPRNRNAQF\*LWRGIFLL\*FNSIV\*WYLEWYCLE\*Y\*LE\*Y\*WH\*KEYHPPMQNKANHKPVAGSRKSDVCPSHQWTN\*MCIKYYRAAINKRWRYY\*WEQ\*E\*QQ\*E\*Q\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKEESGAERKKSNWTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCSALEY\*LE\*\*ISRCNLG\*HDLDGVGKRN\*QLHRHNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2006.KY112074.-

MEPVDPSLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQADLSKQ\*VVYVMIPLQIAAIVALVVAGIVAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CYRQVVGHSLLWGTCVERSEHHSILCIRCESI\*DRGT\*CLGHPRLCTHRPQPTRIKIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKTNPTLCYFTLQ\*L\*FY\*NPE\*Q\*\*\*MDP\*\*\*PKNGRRRSKELLFQHHHRHKR\*DKERICTFLYN\*CSTNK\*W\*\*Y\*\*\*\*V\*VDKL\*HLSPYTGLSKSIL\*ANSYTLLCPGWFCDSKV\*G\*GVQWNRTM\*RCQHSTMYTWN\*ASSINSTAVKW\*SSRKRGSN\*ISQFQ\*QY\*NHNSTAE\*NCSNQLYKTQQQYKKEYKHRTRESTLCNRRNNRRYKKSTL\*H\*CKRLV\*DFRKDS\*KIKKTI\*E\*NKYNL\*ALLRRRPRNSNAQF\*LWRGIFLL\*FNTIV\*\*YLV\*\*WY\*QLE\*YWLEWY\*\*HWKEYHPPMQNKTNHKHVAGSRKSDVCPSH\*WTN\*MCIKYYRANINKRWRYY\*\*QQ\*E\*QQ\*E\*Q\*\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKEESGAERKKSNWTRSYVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHHCCALEY\*LE\*\*ISGYNLG\*HDLDGVGKRN\*QLHRYNIPIN\*RIAVPARKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSLFCTFYSE\*S\*AGILTVIVSDPPPSSEGTRQARRNRRRRWRERQRQLRTI

>B.2008.KY112127.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY112128.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNNL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY112129.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQGSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCPHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVDKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY112130.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLVQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY112131.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY112132.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY112133.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY112134.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQXAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY112135.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2008.KY112136.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISR\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGXSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112137.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112138.-

MEPVDPRLEPWKHPGSQPRTACNTCYCKRCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMHPLQILAIVGLVVAAIVAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVHDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112139.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112140.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112141.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112142.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112143.-

MEPVDPRLEPWKHPGSQPRTACNTCYCKRCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMHPLQILAIVGLVVAAIVAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKASTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVHDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112144.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKDYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIASDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112145.-

MEPVDPRLEPWKHPGSQPRTACNTCYCKRCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*DSSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112146.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVEKIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELA\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112147.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112148.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112149.-

MEPVDPRLEPWKHPGSQPRTACNTCYCKRCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMHPLQILAIVGLVVAAIVAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NHNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVHDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112150.-

MEPVDPRLEPWKHPGSQPRTACNTCYCKRCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMHPLQILAIVGLVVAAIVAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVHDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112151.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRTILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112152.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSMGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112153.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112154.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALMEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSIISTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112155.-

MEPVDPRLEPWKHPGSQPRTACNTCYCKRCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMHPLQILAIVGLVVAAIVAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112156.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMHPLQILAIVGLVVAAIVAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVHDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112157.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112158.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112159.-

MEPVDPRLEPWKHPGSQPRTACNTCYCKRCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMHPLQILAIVGLVVAAIVAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHEAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQ\*RGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVHDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112160.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVARSRKSNVCPSHRRIT\*LFIKHYRATINKRW\*\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112161.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIEIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112162.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112163.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEE\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112164.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIRTRCSLEC\*\*FVMLENNCGSQSIMGYLCGEKQTPLYFVHQMLKHMIQRCIMFGPHMHVYPQTPTHKK\*YWEM\*QKILTCGKITW\*NRCMRI\*LVYGIKA\*SHV\*N\*LHSVLF\*TALIIRRMLLTPPPILLNTP\*TETCREK\*KTALSMSPHP\*ERGEEIG\*KIMHFLISLM\*YQ\*IMIILAIY\*EVVTPQLLHRPVQRYPLNQFPYIIVPRLVLRF\*SVMIKSSMEQGHVKMSAQYNARMVLGQ\*YQLNCC\*MAV\*QKKR\*\*LDLAISQTMLKL\*\*YS\*MYLYKLIVQDPTTTQEKVSL\*DQGKHFMQQEG\*\*EI\*DKHIVTLVAKHGIKL\*ER\*LKN\*MNNLKIKQ\*DLSHPPEGTQKLKCTVLIVEGNFSTVIQHDCLIVLGILHNCLIVLRVLMILEG\*ITQLLPSHVE\*NKL\*TCGRK\*EKQCMPLPSKDYLIVHQTLQGYY\*QEMVVVILTILTTIPILRSSDRKEEI\*GIIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQWE\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPGYY\*LV\*CSSKTIC\*RLLRRNSVCCNSQSGASNSSRQDSWLWKDT\*GISSSWEFGVALENSSAPLLCLGMLVGVINLWVRFGIT\*PGWSGKEKLTITQA\*YTI\*LKNRRTSKKRMNKNYWN\*INGQICGIGLAYQTGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHPYRFRPTSQFRGDPTGPEESKKKVERETETDPVH\*

>B.2008.KY112165.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112166.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112168.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112169.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATSNKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112170.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112171.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSIKLNCC\*MAV\*QKKR\*\*LDLAISQTMLKL\*\*YS\*MYLYKLIVQDPTTTQEKVSL\*DQGKHFMQQEG\*\*EI\*DKHIVTLVAKHGIKL\*ER\*LKN\*MNNLKIKQ\*DLSHPPEGTQKLKCTVLIVEGNFSTVIQHDCLIVLGILHNCLIVLRVLMILEG\*ITQLLPSHVE\*NKL\*TCGRK\*EKQCMPLPSKDYLIVHQTLQGYY\*QEMVVVILTILTTIPILRSSDRKEEI\*GIIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQWE\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPGYY\*LV\*CSSKTIC\*RLLRRNSVCCNSQSGASNSSRQDSWLWKDT\*GISSSWEFGVALENSSAPLLCLGMLVGVINLWVRFGIT\*PGWSGKEKLTITQA\*YTI\*LKNRRTSKKRMNKNYWN\*INGQICGIGLAYQTGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHPYRFRPTSQFRGDPTGPEESKKKVERETETDPVH\*

>B.2008.KY112172.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMRHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112173.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKDEQELLELDKWANLWNWFSISNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTHLPVPRGPDRPGGIEEEGGERDRDRSGPL

>B.2008.KY112174.-

MEPVDPRLEPWKHPGSQPRTACNTCYCKRCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMHPLQILAIVGLVVAAIVAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVHDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112175.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112176.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*NI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*N\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112177.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVARSRKSNVCPSHRRIT\*LFIKHYRATINKRW\*\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112178.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEE\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112179.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112180.-

MEPVDPRLEPWKHPGSQPRTACNTCYCKRCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMHPLQILAIVGLVVAAIVAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSRRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVHDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112181.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112182.-

MEPVDPRLEPWKHPGSQPRTACNTCYCKRCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVHDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112183.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112184.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRKRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112185.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMHPLQILAIVGLVVAAIVAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVHDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112186.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112187.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LLIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEE\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112188.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNI\*FN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112189.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVHDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPSC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112190.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112191.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112192.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112193.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQILAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112194.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112195.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2006.KY112196.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VIYVMNSLQISAIVALVVAGIIAIVVWSIVAIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLALGDINDL\*CCRQLVGHSLLWGTCVERSNHYSILCIRC\*SI\*YRGT\*CLGHTRLCTHRPQPTRSRIKKCDRKF\*YVGK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLCYFKLH\*FRECY\*YH\*\*\*RGNDGEGRSKKLFFQDHHRHKR\*NAEGICTFL\*T\*CSTNK\*YQI\*VSKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*AIHWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*ISQFQ\*QC\*NNNSTTE\*ICRNYLHKTQQQYKKKYTHGTRESILCKRRHNRRHKKSIL\*N\*WNRMA\*HFKTGS\*KIKRTI\*\*NNSL\*SLLRRGPRNCNVQFQLRRGIFLL\*FNKAV\*\*YLALE\*Y\*RVT\*H\*WHTHTPMQNKTNYKHVAGSRKSNVCPSHRRKN\*MLIKHYRTVINKRWWLREQ\*D\*\*DLQTWRRRYEGQLEE\*II\*I\*SSKN\*TIGSSTYQGKEESGAEGKKSIWTRSCVPWVLGSSRKHYGRSINNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ISGTDLG\*HDMDGVGKRN\*QLYRLHIPIN\*RIAEPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112429.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQSLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVDDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRKF\*YVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*CC\*YHHPHQYWD\*CHCYW\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*CY\*\*WDLYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWVCDTKVQR\*EVQGKRIMCKCQHSTMYTWN\*ASSVNPTAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNSL\*KLRRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLE\*EWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCKPYSQRNLQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRNSTWQGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHCCALEC\*LE\*\*NLRGDLG\*YDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRQIREI

>B.2008.KY112430.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQLLAIVAIVALVVATIIAIIVWTIVAIEYRKILRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVDDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRKF\*YVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*CC\*YHHPHQYWD\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWVCDTKVQR\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QYLGQC\*NHNSTSERIYTN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YSNTV\*\*YLE\*Y\*GWGRA\*\*HWRR\*QHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRTTINKRWGCKPYSQRNL\*TWRRRYEGQLEK\*II\*I\*SSTN\*TIRNST\*QGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRQIREI

>B.2008.KY112431.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYSKIVRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTSVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRKF\*YVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLX\*CC\*YHHPHQYWD\*CHCY\*\*GRNKKLLFQCYH\*HKR\*G\*ERICTLL\*T\*CSTNR\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWVCNTKVQR\*EVQGKRTMYKCQHSTMYTWN\*ASSVNPTAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYTN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNSL\*KLRRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLE\*Y\*GWRRA\*\*H\*RRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCKQY\*RNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTWQGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*NLE\*YDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRQIREI

>B.2008.KY112432.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VAHVMQPLTIAAIVALVVAIIIAIIVWTIVVIEYRKILRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALMEMGNHAPMGHHAPWNVDDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSNIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*CC\*YHHPHQYWD\*CHCYW\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSINRS\*\*YY\*\*WELYC\*\*WELYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQR\*EVQGKRTMYKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QYLGQC\*NHNSTSERIYTN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRGYKTSTL\*H\*\*NRVEQNFTTSSGKVTRRI\*\*NNNSL\*KLRRRGPRNCDAQF\*LWRGIFLL\*YNSTV\*\*YLD\*EWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRTTINKRWGCKPYSQRNL\*TWRRRYEGQLEK\*II\*I\*SSTN\*TIRNST\*QGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHCCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRQIREI

>B.2008.KY112433.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQLLAIVAIVALVVATIIAIIVWTIVAIEYRKILRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVDDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRKF\*YVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*CC\*YHHPHQYWD\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWVCDTKVQR\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QYLGQC\*NHNSTSERIYTN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLE\*NFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YSNTV\*\*YLE\*Y\*GWGRA\*\*HWRR\*QHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRTTINKRWGCKPYSQRNL\*TWRRRYEGQLEK\*II\*I\*SSTN\*TIRNST\*QGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRQIREI

>B.2008.KY112434.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQLLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQRKIDRIINRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICCRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*YNQKCC\*YQC\*Y\*CHC\*CHC\*\*\*GRRKLGRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNRS\*\*YY\*\*WELYY\*\*WELYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPSWFCDTKVQR\*EVQGRRIMYKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QYLGQC\*NHNSTSERIYRN\*LYKTQ\*QYKKKYIYRTRESILCNRRHNRRYKTSTL\*H\*\*NSLEQNFTTSSKKVTRNI\*\*NNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLE\*EWDKA\*\*HWRRWQYHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCKQDSKRNLQTWRRRYEGQLEK\*VI\*I\*SSTN\*TIRNSTWQGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLE\*YDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIR\*VGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRQIREI

>B.2008.KY112435.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQQRRAPQGGETRQVSPSNQ\*VVHVMQLLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*KYVGYSLLWGTCVEGSNYYSILCIKC\*SI\*YRET\*CLGHTCLCTHRPQPTRSSIRKCDRRF\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*YNQKCY\*YQY\*Y\*CHRY\*YGRRNKKLLFQCYH\*HKRQS\*ERICTLL\*T\*CSTNR\*YY\*\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCDTKVQR\*EVQGTRIMCKCQHSTMYTWN\*TSSVNPAAVKWQSSRRRCSN\*I\*QYLGQC\*NHNSTSE\*IYTN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSKKVTKRI\*\*NNSL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLE\*EWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCKQY\*RNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRTSTWQGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*NLE\*YDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HN\*MAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRHIREI

>B.2008.KY112436.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYSKIVRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTSVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRKF\*YVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*CC\*YHHPHQYWD\*CHCY\*\*WRNKKLLFQCYH\*HKR\*G\*ERICTLL\*T\*CSTNR\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQR\*EVQGKRTMYKCQHSTMYTWN\*ASSVNPTAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYTN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNSL\*KLRRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLE\*Y\*GWRRA\*\*H\*RRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCKQY\*RNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTWQGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*NLE\*YDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRQIREI

>B.2008.KY112437.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQLLTIVAIVALVVAIIIAIIVWTIVVIEYRKILRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSNIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*CC\*YHHPHQYWD\*CHCYW\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSINRS\*\*YC\*\*WELYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQR\*EVQGKRTMYKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QYLGQC\*NHNSTSERIYTN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRGYKTSTL\*H\*\*NRVEQNFTTSSGKVTRRI\*\*NNNSL\*KLRRRGPRNCDAQF\*LWRGIFLL\*YNSTV\*\*YLD\*EWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRTTINKRWGCKPYSQRNL\*TWRRRYEGQLEK\*II\*I\*GSKN\*TIRSSTWQGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHCCALEC\*LE\*\*NLRGDLG\*YDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRQIREI

>B.2008.KY112438.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VAHVMQPLTIAAIVALVVAIIIAIIVWTIVVIEYRKILRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALMEMGNHAPMGHHAPWNVDDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRIF\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*YNQKCY\*YQY\*Y\*CHRY\*YGRRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YY\*\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCDTKVQR\*EVQGTRIMCKCQHSTMYTWN\*TSSVNPAAVKWQSSRRRCSN\*I\*QYLGQC\*NHNSTSE\*IYTN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSKKVTKRI\*\*NNSL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLE\*ERDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCKQY\*RNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRTSTWQGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*NLE\*YDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HN\*MAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRHIREI

>B.2008.KY112439.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQLLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRKT\*CLGHTCLCTHRPQPTRSSIRKCDRIF\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*YSYYNQKCC\*YHHPS\*Y\*CHCY\*\*GRRRSGRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNRS\*\*YY\*\*WELYY\*\*WELYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPSWFCDTKVQR\*EVRWKRIMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QYLGQC\*NHNSTSE\*IYTN\*LYKTQ\*QYKKKYIYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSEKVTKRI\*\*NNNNL\*QLRRRGPRNCDAQF\*LWRGIFLL\*YSRTI\*\*HLE\*Y\*GWGRA\*\*H\*RRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCKQDSKRNLQTWRRRYEGQLEK\*II\*I\*SSTN\*TIRNSTWQGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLE\*YDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIR\*VGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRQIREI

>B.2008.KY112440.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYSKIVRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTSVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRKF\*YVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*CC\*YHHPHQYWD\*CHCY\*\*GRNKKLLFQCYH\*HKR\*G\*ERICTLL\*T\*CSTNR\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQR\*EVQGKRTMYKCQHSTMYTWN\*ASSVNPTAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYTN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNSL\*KLRRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLE\*Y\*GWRRA\*\*H\*RRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCKQY\*RNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTWQGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*NLE\*YDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRQIREI

>B.2008.KY112441.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VAHVMQPLTIAAIVALVVAIIIAIIVWTIVVIEYRKILRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALMEMGNHAPMGHHAPWNVDDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRIF\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*YNQKCY\*YQY\*Y\*CHRY\*YGRRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YY\*\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCDTKVQR\*EVQGTRIMCKCQHSTMYTWN\*TSSVNPAAVKWQSSRRRCSN\*I\*QYLGQC\*NHNSTSE\*IYTN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSKKATKRI\*\*NNSL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLE\*EWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCKQY\*RNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRTSTWQGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*NLE\*YDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRHIREI

>B.2008.KY112442.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYSKIVRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTSVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRKF\*YVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*CC\*YHHPHQYWD\*CHCY\*\*GRNKKLLFQCYH\*HKR\*G\*ERICTLL\*T\*CSTNR\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCNTKVQR\*EVQGKRTMYKCQHSTMYTWN\*ASSVNPTAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYTN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNSL\*KLRRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLE\*Y\*GWRRA\*\*H\*RRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCKQY\*RNLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTWQGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*NLE\*YDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRQIREI

>B.2008.KY112443.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VAHVMQPLTIAAIVALVVAIIIAIIVWTIVVIEYRKILRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALMEMGNHAPMGHHAPWNVDDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRIF\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*YNQKCY\*YQY\*Y\*CHRY\*YGRRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YY\*\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCDTKVQR\*EVQGTRIMCKCQHSTMYTWN\*TSSVNPAAVKWQSSRRRCSN\*I\*QYLGQC\*NHNSTSE\*IYTN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSKKVTKRI\*\*NNSL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLE\*ERDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCKQY\*RNLQTWRRKYEGQLEK\*II\*I\*GSKN\*TIRTSTWQGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*NLE\*YDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HN\*MAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRHIREI

>B.2008.KY112444.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VVHVMQLLAIVAIVALVVATIIAIIVWTIVAIEYRKILRQRKIDRIIDRIIDRVEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVDDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRKF\*YVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*CC\*YHHPHQYWD\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWVCDTKVQR\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QYLGQC\*NHNSTSERIYTN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YSNTV\*\*YLE\*Y\*GWGRA\*\*HWRR\*QHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRTTINKRWGCKPYSQRNL\*TWRRRYEGQLEK\*II\*I\*SSTN\*TIRNST\*QGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*HLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTMAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRQIREI

>B.2008.KY112445.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VAHVMQPLTIAAIVALVVAIIIAIIVWTIVVIEYRKILRQRKIDRIIDRIIDRAEDSGNESEGDQEELSALMEMGNHAPMGHHAPWNVDDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRIF\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*YNQKCY\*YQY\*Y\*CHRY\*YGRRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YY\*\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*ANSYTLLCPGWFCDTKVQR\*EVQGTRIMCKCQHSTMYTWN\*TSSVNPAAVKWQSSRRRCSN\*I\*QYLGQC\*NHNSTSE\*IYTN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSKKVTKRI\*\*NNSL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLE\*EWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCKQY\*RNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRTSTWQGKEKSGAKRKKSSGNIRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*NLE\*YDLDAVGKRN\*QLHKLNIHIN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HN\*MAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWRERQRHIREI

>B.2008.KY112461.-

MEPVDPKLEPWKHPGSQPRTPCTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMIPLQIAAIVALVVVAIIAIIVWSIVLIEYRKILRQRKIDRIVERILERAEDSGNESEGDEEELAALVEMGHHAPLEMGHHAPWNVDDL\*CYRTTVGHSLLWGACVERSKHHSILCIRC\*SI\*\*RDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFRLQECY\*HHHQYC\*LHPTPRNAGRNKKLLFQCHSTHKK\*ESLCTF\*\*T\*CSTNR\*\*\*\*\*FY\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTM\*KCQHSTMHAWY\*ASSINSIAVKWQSSRRRGSN\*I\*QSLKQC\*NYNSTAECTCNN\*LYKTQQQHKNKYPYRTRESILCNRRHNRRHKTSTL\*P\*\*RRME\*NFKTGS\*KIR\*TFYRQRNKI\*GILRRGPRNCNAQF\*LWRGIFLL\*YIKTV\*\*YLEE\*YLE\*\*\*YWRVK\*HRSYYTPMQNKTVYKHVAGSRKSNVCPSHKRTT\*LFIKHYRAAVNKRWR\*WS\*\*D\*QQD\*EQY\*GLQTARGRYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGSRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGYQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISG\*YLG\*PDLDGVGKRN\*\*LHKFHIQFT\*RIADPARKE\*TRIIGIR\*MGKSVELVYHITLAVVYKNIHNDSRRLDRVKNSFFCTFYSE\*S\*AGILTLIVSDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112462.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIG\*CDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LFEECY\*HHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGVL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESLLCNRRDSRRYKKSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HRDYYPPMQNKTNYKHVAGSRKSNVCPSH\*RTT\*LFIKHYRAVINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DME\*HDLDGVGKRN\*QLYRLNIQVN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112463.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKIKSTLCYFKLH\*RHQYY\*RHPKQRTAGRNTKLLFLCHHTQKR\*GERLCTF\*\*T\*CSTSREW\*E\*Y\*LHIKKL\*YLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRGSN\*IQQSLKQC\*NYNSTAECICTN\*LYKTQQQHKKKHHIRTRESILCNRHSRRYKTSTL\*P\*\*HSME\*NFKTGS\*KIK\*TI\*KQNNKI\*AILRRGPRN\*NAQF\*LWRGIFLL\*LITTV\*\*YLECHTIV\*\*Y\*EC\*\*YWRVE\*HRDYYPPMQNKTNYKHVAGSRKSNVCPSHQRTT\*LFIKHYRVAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*IPG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*YIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRAI

>B.2008.KY112464.-

MEPIDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*RHQYY\*RHPKQRTAGRNTKLLFQGHHIQKR\*GERLCTF\*\*T\*CSTNR\*W\*EEY\*LHIKKL\*YLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DVQWNRTM\*KRQHSTMHTWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLKQC\*NYNSTAECICTN\*LYKTQQQHKKKHHYRTRESILCNRHNRRYKTSTL\*P\*\*HSME\*NLKTGS\*KIK\*TI\*KQNNKI\*AILRRGPRNCNAQF\*L\*RGIFLL\*YIKTV\*\*YLECYTIV\*\*Y\*EC\*\*YWRDE\*HRDYYPPMQNKTDYKHVAGSRKSNVCPSHQRTT\*LFIKHYRAAINKRWW\*GS\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWILGSSRKHYGRSVNDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRHNIQFN\*RIAEPARKE\*TRIIGTR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRVKNSFYCTFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112465.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKYHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*RHQYY\*RHPKQRTAGRNTKLLFLCHHTQKR\*GERLCTF\*QT\*CSTNREW\*E\*Y\*LHIKKL\*YLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMHAWY\*ASSINSTADKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQHKKKHHYRTRESILCNRHSRRYKTSTL\*P\*\*HSME\*NFKTGS\*KIK\*TI\*KQNNKIWAILRRGPRN\*NAQF\*LWRGIFLL\*LITTV\*\*YLECYTIV\*\*Y\*EC\*\*YWRVE\*HRDYYPPMQNKTNYKHVAGSRKSNVCPSHQRTT\*LFIKHYRAAINKRWW\*GS\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGEIPKGSTAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112466.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGYSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRSQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*QA\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*QRSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLECYTIV\*\*Y\*E\*\*GYWRVE\*HRDYYPPMQNKTNYKHVAGSRKSNVCPSH\*RTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLRSSRKHYGRSVNDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*NLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112467.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGVL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESLLCNRRDSRRYKKSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSSVPWVLGSSRKHYGRSVYDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112468.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*RHQYY\*RHPKQRTAGRNTKLLFQCHHTQKR\*GERLCTF\*\*T\*CSTNREW\*E\*Y\*LHIKKL\*YLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLKQC\*NYTSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKKSIL\*H\*\*RSME\*NFKTGS\*KIR\*TI\*NRNNKI\*VILRRGPRN\*NAQF\*L\*RGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVK\*HRDYYPPMQDKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRATVNKRWW\*\*S\*QY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSSVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TAPGKTPGCGKIPEGSAAPGNLGLLGKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKFVELV\*HNTLAVVYKNIHNNSRRLDRVKNSFYCTFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112469.-

MEPVDPRLEPWKHPGSQPRTACNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTH\*PQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKAMCKINSTLCHFKLH\*RHQYY\*RHPKQRTAGRNTKLLFQGHHIQKR\*GERLCTF\*\*T\*CSTNR\*W\*E\*\*\*LHIKKL\*YLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DVQWNRTM\*KRQHSTMHTWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLKQC\*NYNSTAECICTN\*LYKTQQQHKKKHHIRTRESILCNRHSRRYKTSTL\*H\*\*HSME\*NFKTGS\*KIK\*TI\*KQNNKI\*AILRRGPRN\*NAQF\*LWRGIFLL\*LITTV\*\*YLECYTIV\*\*H\*EC\*\*YWRVK\*HRDYYPPMQNKTNYKHVAGSRKSNVCPSHQRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*GSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVDDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRHNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112470.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEEYY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGVL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTD\*LYKTQQQLKKKHHYRTRESLLCNRRDSRRYKTSTL\*H\*QRSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSSVPWVLGSSRKHYGRSVYDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112471.-

MEPVDPKLEPWKHPGSQPRTPCTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMIPLQIAAIAALVVVAIIAIIVWSIVLIEYRKILRQRKIDRIVERILERAEDSGNESEGDEEELAALVEMGHHAPLEMGHHAPWNVDDL\*CWRTTVGHSLLWGACVERSKHHSILCIRC\*SI\*\*RDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLQ\*CY\*HHHQYC\*LHHTPRNAGRNKKLLFQCHSAHKK\*ESLCTF\*\*T\*CSTNR\*\*\*\*\*YY\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTM\*KCQHSTMHTWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLKQC\*NYNSTAEGTCNN\*LYKTQQQHKNKYHYRTRESILCNRRHSRRHKTSTL\*P\*\*SRME\*NFKTGSKKIR\*TFYRQKHNI\*GILRRGPRNCNAQF\*LWRGIFLL\*FITTV\*\*HLE\*\*DLE\*\*\*Y\*RVK\*HRNYYTPMQNKTIYKHVAGSRESNVCPSYQRTT\*LFIKHYRAAVNKRWR\*WS\*QD\*QQD\*EQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGSRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSAAPGNLGLLWKTHLHHYCALE\*\*LE\*\*ISG\*DLE\*HDLDGVGKGN\*QLHRLNIQFN\*RIADPARKE\*TRIIGIR\*MGKSVELVYHITLAVVYKNIHNDSRRLDRFKNSFFCTFYSK\*S\*AGILTLIVSDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112472.-

MEPVDPRLEPWKHPGSQPRTPCTTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMIPLQIAAIVALVVVAIIAIIVWSIVLIEYRKILRQRKIDRIVERILERAEDSGNESEGDEEELAALVEMGHHAPLEMGHHAPWNVDDL\*CWRTTVGYSLLWGACVERSKHHSILCIRC\*SI\*\*GDA\*CLGHTCLRTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYFKLQ\*CY\*HHHQYC\*LHHTPRNAGRNKKLLFQCHSAHKK\*ESLCTF\*\*T\*CSTNR\*\*\*\*\*YY\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTM\*KCQHSTMHTWY\*ASSIHSTAVKWQSSRRRGSN\*I\*QSLKQC\*NYNSTAEGTCNN\*LYKTQQQHKNKYHYRTRESILCNRRHSRRHKTSTL\*P\*\*SRME\*NFKTGSKKIR\*TFYRQKHNI\*GILRRGPRNCNAQF\*LWRGIFLL\*FITTV\*\*HLE\*\*DLE\*\*\*Y\*RVK\*HRNYYTPMQNKTIYKHVAGSRESNVCPSYQRTT\*LFIKHYRAAVNKRWR\*WS\*QD\*QQD\*EQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGSRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSAAPGNLGLLWKTHLHHYCALE\*\*LE\*\*ISG\*DLE\*HDLDGVGKGN\*QLHRLNIQFN\*RIADPARKE\*TRIIGIR\*MGKSVELVYHITLAVVYKNIHNDSRRLDRFKNSFFCTFYSK\*S\*AGILTLIVSDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112473.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVGLVVAAIAAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*QRSME\*NFKRGS\*KIK\*TI\*KQNNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSSVPWVLGSSRKHYGRSVYDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DME\*HDLDGVGKRN\*QLYRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112474.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVIAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGYSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LFEECY\*HHHQYYYLPHTQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGVL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*RSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIA\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*\*Y\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSSVPWVLGSSRKHYGRSVYDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112475.-

MEPVDPKLEPWKHPGSQPRTPCTTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VLYVMHPLQIAAIVGLVVAAIVAIIVWSIVLIEYRKILRQRKIDRIVERILERAEDSGNESEGDEEELAALVEMGHHAPLEMGHHAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*\*RDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLPECH\*HHHQYC\*LHPTPRNAGRNKKLLFQYHSTHKK\*ESLCTF\*\*T\*CSTNR\*\*\*\*\*YY\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTM\*KCQHSTMHTWY\*ASSIHSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECTCNN\*LYKTQQQHKNKYPYRTRESILCNRGHNRRHKTSTL\*P\*\*RRME\*NFKTGS\*KIR\*TFYRQKHNI\*GILRRGPRNCNA\*F\*LWRGIFLL\*YIKTV\*\*YLE\*\*DLE\*\*\*Y\*RVK\*HRNYYTPMQNKTIYKHVAGSRKSNVCPSYQRTT\*LFIKHYRAAVNKRWR\*WS\*QD\*QQD\*EQY\*GLQTAGRRYEG\*LEK\*TI\*I\*GSKN\*TIRNSTHQGKEKSGAERKKSSGSRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISG\*YLG\*PDLDGVGKRN\*\*LHKFHIQFT\*RIADPARKE\*TRIIGIR\*MGKSVELVYHITLAVVYKNIHNDSRRLDRFKNSFFCTFYSE\*S\*AGILTLIVSDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112476.-

MEPVDPKLEPWKHPGSQPRTPCTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VLYVMHPLQIAAIVGLVVAAIVAIIVWSIVLIEYRKILRQRKIDRIVERILERAEDSGNESEGDEEELAALVEMGHHAPLEMGHHAPWNVDDL\*CYRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*\*RDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLPECH\*HHHQYC\*LHPTPRNAGRNKKLLFQCHSTHKK\*ESLCTF\*\*T\*CSTNR\*\*\*\*\*YY\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTM\*KCQHSTMHTWY\*ASSIHSTAVKWQSSRRRGSN\*I\*QSLRQY\*NYNSTAECTCNN\*LYKTQQQHKNKYPYRTRESILCNRRHNRRHKTSTL\*P\*QRSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTIYKHVAGSRKSNVCPSYQRTT\*LFIKHYRAAVNKRWR\*WF\*PD\*QQD\*GQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGSRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISG\*YLG\*PDLDGVGKRN\*\*LHKFNIQFT\*RIANPARKE\*TRIIGIR\*MGKSVELVYHITLAVVYKNIHNDSRRLDRFKNSFFCTFYSE\*S\*AGILTLIVSDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112477.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTSVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIG\*CDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKTNSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KRQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESLLCNRRDSRRYKTSTL\*H\*QRSME\*NFKRGS\*KIK\*TI\*KQNNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCSSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSSVPWVLGSSRKHYGRSVYDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLPHCCALEC\*LE\*\*VSG\*DLE\*HDLDGVGKRN\*QLHRINIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112478.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIG\*CDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKRKEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGVL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESLLCNRRDSRRYKKSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSH\*RTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*NLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112479.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTH\*PQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKAMCKINSTLCYFKLH\*RHQYY\*RHPKQRTAGRNTKLLFQSHHTQKR\*GERLCTF\*\*T\*CSTNR\*W\*G\*Y\*LHIKKL\*YLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMYAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQHKKKHHIRTRESILCNRHSRRYKKSTL\*H\*QRSME\*NFKRGS\*KIK\*TI\*K\*NNKIWAILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTLIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112480.-

MEPVDPRLEPWKHPGSQPRTPCTTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMIPLQIAAIVALVVVAIIAIIVWSIVLIEYRKILRQRKIDRIVERILERAEDSGNESEGDEEELAALVEMGHHAPLEMGHHAPWNVDDL\*CWRTTVGYSLLWGACVERSKHHSILCIRC\*SI\*\*GDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYFKLQ\*CY\*HHHQYC\*LHHTPRNAGRNKKLLFQCHSAHKK\*ESLCTF\*\*T\*CSTNR\*\*\*\*\*YY\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTMQKCQHSTMHAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLKQC\*DYNSTAEGTCTN\*LYKTQQQHKNKYHYRTRESILCNRRHSRRHKTSTL\*P\*\*SRME\*NFKTGSKKIR\*TFYRQKHNI\*GILRRGPRNCNAQF\*LWRGIFLL\*FITTV\*\*HLE\*\*DLE\*\*\*Y\*RVK\*HRNYYTPMQNKTIYKHVAGSRESNVCPSYQRTT\*LFIKHYRAAVNKRWR\*WS\*QD\*QQD\*EQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGSRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWETHLHHYCALEY\*LE\*\*ISG\*YLG\*PDLDGVGKRN\*\*LHKFNIQFT\*RIADPARKE\*TRIIGTR\*MGKSVELVYHITLAVVYKNIHNDSRRLDRFKNSFFCTFYSK\*S\*AGILTLIVSDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112481.-

MEPVDPKLEPWKHPGSQPRTPCTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMIPLQIAAIVALVVVAIIAIIVWSIVLIEYRKILRQRKIDRIVERILERAEDSGNESEGDEEELAALVEMGHHAPLEMGHHAPWNVNDL\*CWRTTVGHSLLWGACVERSKHHSILCIRC\*SI\*\*RDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLHECY\*HHHQYC\*LHPTPSIAGRNKKLLFQCHSTHKK\*ESLCTF\*\*S\*CSTNR\*\*\*\*\*FY\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTM\*KCQHSTMHAWY\*TSSINSTAVKWQSSRRRGSN\*I\*QSLKQC\*NYNSTAECTCNN\*LYKTQQQHKNKYHYRTRESILCNRRHNRRYKTSTL\*P\*\*RRME\*NFKTGS\*KIR\*TFYRQRNKI\*AILRRGPRNCNAQF\*LWRGIFLL\*YSRTV\*QYLEE\*YLEC\*\*Y\*RVK\*HRNYYTPMQNKTIYKHVAGSRKSNVCPSYQRTT\*LFIKHYRAAVNKRWR\*WS\*QD\*QQD\*GQY\*GLQAARRRYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQSKEKSGAERKKSSGSRSSVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISG\*YLE\*HDLDGVGKRN\*\*LHRFNIQFN\*RIADPARKE\*TRIIGIR\*MGKSVELVYHITLAVVYKNIHNDSRRLDRFKNSFFCTFYSE\*S\*AGILTLIVSDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112482.-

MEPVDPNLEPWKHPGSQPRTACNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTH\*PQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKAMCKINSTLCYFKLH\*RHQYY\*RHPKQRYAGRNKKLLFQCHHTHKRKEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKKSTL\*H\*\*QSME\*NFKGGS\*KIK\*TF\*K\*NNKIWAILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSH\*RTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*VSG\*NLE\*HDLDGVGKRN\*QLHRLNIQFN\*GIAEPAREE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112483.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTH\*PQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKAMCKINSTLCYFKLH\*RHQYY\*RHPKQRTAGRNTKLLFQSHHTQKR\*GERLCTF\*\*T\*CSTNR\*W\*G\*Y\*LHIKKL\*YLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMYAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQHKKKHHIRTRESILCNRHSRRYKKSTL\*H\*QRSME\*NFKRGS\*KIK\*TI\*K\*NNKIWAILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTLIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112484.-

MEPVDPKLEPWKHPGSQPRTPCTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMLPLQIAAIVALVVVAIIAIIVWSIVLIEYRKILRQRKIDRIIERIIERAEDSGNESEGDEEELAALVEMGHQAPLEMGHHAPWNVDDL\*CWRTTVGHSLLWGACVERSKHHSILCIRC\*SI\*\*RDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLHECY\*HHHQYC\*LHPTPSIAGRNKKLLFQCHSTHKK\*ESLCTF\*\*T\*CSTNR\*\*\*\*\*YY\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTM\*KCQHSTMHTWY\*ASSIHSTAVKWQSSRRRGSN\*I\*QSLRQY\*NYNSTAECTCNN\*LYKTQQQHKNKYHYRTRESILCNRRHNRRYKTSTL\*P\*\*RRME\*NFKTGS\*KIR\*TFYRQRNKI\*AILRRGPRNCNAQF\*L\*RGIFLL\*YSRTV\*QYLEE\*YLEC\*\*YWRVK\*HRSYYTPMQNKTVYKHVAGSRKSNVCPSYQRTT\*LFIKHYRAAVNKRWR\*WS\*QD\*QQD\*GQY\*GLQAARRRYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQSKEKSGAERKKSSGSRSSVPWVLGSSRKHYGRSVNDADGTSQAIIIWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISG\*YLE\*HDLDGVGKRN\*\*LHRFNIQFN\*RIADPARKE\*TRIIGIR\*MGKSVELVYHITLAVVYKNIHNDSRRLDRFKNSFFCTFYSE\*S\*AGILTLVVSDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112485.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIG\*CDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRHAGRNKKLLFQCHHTHKREKKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESLLCNRRDSRRYKKSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HRDYYPPMQNKTNYKHVAGSRKSNVCPSH\*RTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRAI

>B.2008.KY112486.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHDPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPPGQRNAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESLLCNRRDSRRYKKSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCSSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSSVPWVLGSSRKHYGRSVYDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*IPG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRAI

>B.2008.KY112487.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMHAWY\*ASSIHSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKISAILRRRPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVHDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*IPG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112488.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSAMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRARESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKISAILRRRPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*VSG\*NLE\*HDLDGVGKRN\*QLHRLNIQFN\*GIAEPAREE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112489.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGRHAPLEMGHHAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPPGQRNAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESLLCNRRDSRRYKKSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVK\*HRDYYPPMQNKTNYKHVAGSRKSNVCPSH\*RTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DME\*HDLDGVGKRN\*QLYRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112490.-

MEPVDPKLEPWKHPGSQPRTPCTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMLPLQIAAIVALVVVAIIAIIVWSIVLIEYRKILRQRKIDRIVERILERAEDSGNESEGDEEELAALVEMGHHAPLEMGHHAPWNVDDL\*CCRTIVGHSLLWGACVERSKHHSILCIRC\*SI\*\*RDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYFKLQ\*CY\*HHHQYC\*LHHTPRNAGRNKKLLFQCHSAHKK\*ESLCTF\*\*T\*CSTNR\*\*\*\*\*YY\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTM\*KCQHSTMHTWY\*ASSIHSTAVKWQSSRRRGSN\*I\*QSLKQC\*NYNSTAEGTCNN\*LYKTQQQHKNKYHYRTRESILCNRRHSRRHKTSTL\*P\*\*SRME\*NFKTGSKKIR\*TFYRQKHNI\*GILRRGPRNCNAQF\*LWRGIFLL\*FITTV\*\*HLE\*\*DLE\*\*\*Y\*RVK\*HRNYYTPMQNKTIYKHVAGSRESNVCPSYQRTT\*LFIKHYRAAVNKRWR\*WS\*QD\*QQD\*EQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGSRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSAAPGNLGLLWKTHLHHYCALE\*\*LE\*\*ISG\*DLE\*HDLDGVGKGN\*QLHRLNIQFN\*RIADPARKE\*TRIIGIR\*MGKSVELVYHITLAVVYKNIHNDSRRLDRFKNSFFCTFYSK\*S\*AGILTLIVSDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112491.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTH\*PQPTRSSIRKCDRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKAMCKINSTLCYFKLH\*RHQYY\*RHPKQRTAGRNTKLLFQSHHTQKR\*GERLCTF\*\*T\*CSTNR\*W\*G\*Y\*LHIKKL\*YLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMYAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQHKKKHHIRTRESILCNRHSRRYKKSTL\*H\*QRSME\*NFKRGS\*KIK\*TI\*K\*NNKIWAILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVD\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTLIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112492.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYYYLPHKQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQYSTMHAWY\*ASSINSTAVKWQFSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESLLCNRRDSRRYKKSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HRDYYPPMQNKTNYKHVAGSRKSNVCPSH\*RTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRINIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRAI

>B.2008.KY112493.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMHPLQITAIVALVVAAIVAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYYYLPHKQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*QRSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLECYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTTRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRHNIQFN\*RIAEPARKE\*TRIIGTR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSSYCTFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112494.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGYSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*QA\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KIQWNRVMYKCQHSTMHAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*QRSME\*NFKRGS\*KN\*VNNLKTEQ\*DLRHPPEGTQKLKCTVLIVEGNFSTVIHHNCLIVLGMLHNCLIVLRVLMILEG\*ITQLLPSHAE\*NKL\*TCGRK\*EKQCMPLPLKDYLIVHQTLQGCY\*QEMVVVILTILTTIPISRSSDRKEEI\*GIIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQWE\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPGYYCLV\*CSSKTIC\*RLLRRNSVCCNSQSGASNSSRQDSWLWKDT\*GISSSWEFGVALENSSAPLLCLGILVGVINLWVRYGIT\*PGWSGREKLTITQA\*YTI\*LKNRRTSKKRMNKNYWN\*INGQICGIGLAYQTGCGI\*NYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHPYRFRPTSQSRGDPTGPEESKKKVERETETDPVH\*

>B.2008.KY112495.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTH\*PQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKAMCKINSTLCYFKLH\*RHQYY\*RHPKQRTAGRNTKLLFQSHHTQKR\*GERLCTF\*\*T\*CSTNR\*W\*G\*Y\*LHIKKL\*YLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMYAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQHKKKHHIRTRESILCNRHSRRYKKSTL\*H\*QRSME\*NFKRGS\*KIK\*TI\*K\*NNKIWAILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAKQFAEGY\*GATAAVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRAI

>B.2008.KY112496.-

MEPVDPRLEPWKHPGSQPRTPCTTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMIPLQIAAIVALVVVAIIAIIVWSIVLIEYRKILRQRKIDRIVERILERAEDSGNESEGDEEELAALVEMGHHAPLEMGHHAPWNVDDL\*CWRTTVGYSLLWGACVERSKHHSILCIRC\*SI\*\*GDA\*CLGHTCLRTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYFKLQ\*CY\*HHHQYC\*LHHTPRNAGRNKKLLFQCHSAHKK\*ESLCTF\*\*T\*CSTNR\*\*\*\*\*YY\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTM\*KCQHSTMHTWY\*ASSIHSTAVKWQSSRRRGSN\*I\*QSLKQC\*NYNSTAEGTCNN\*LYKTQQQHKNKYHYRTRESILCNRRHSRRHKTSTL\*P\*\*SRME\*NFKTGSKKIR\*TFYRQKHNI\*GILRRGPRNCNAQF\*LWRGIFLL\*FITTV\*\*HLE\*\*DLE\*\*\*Y\*RVK\*HRNYYTPMQNKTIYKHVAGSRESNVCPSYQRTT\*LFIKHYRAAVNKRWR\*WS\*QD\*QQD\*EQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGSRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISG\*YLG\*PDLDGVGKRN\*\*LHKFNIQFT\*RIADPARKE\*TRIIGIR\*MGKSVELVYHITLAVVYKNIHNDSRRLDRFKNSFFCTLYSK\*S\*AGILTLIVSDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112497.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPPGQRNAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESLLCNRRDSRRYKKSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCSSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSSVPWVLGSSRKHYGRSVYDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112498.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQSMGSKPKAMCKINPTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGVL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESLLCNRRDSRRYKKSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQYRGLQTTRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSSVPWVLGSSRKHYGRSIYDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112499.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIAAIIVWSIGLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSAMHAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKISAILRRRPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*IPG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112500.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMHPLQITAIVGLVVAAIAAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKTSTL\*HQ\*RSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLECYTIV\*\*Y\*E\*\*WYWRVE\*HRDYYPPMQNKTNYKHVAGSRKSNVCPSH\*RTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSCTHQGKKKSGAEREKSSGNRSSVPGVLGSSRKHYGRSVYDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIGLAYQTGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHPYRFRPTSQSRGDPTGPEESKKKVERETETDPVH\*

>B.2008.KY112501.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVKRIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTH\*PQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKAMCKINSTLCYFKLH\*RHQYY\*RHPKQRTAGRNTKLLFQSHHTQKR\*GERLCTF\*\*T\*CSTNR\*W\*G\*Y\*LHIKKL\*YLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTSTHGIRPVVSTQLLLNGSLAEEEVVIRSSNLSDNAKTIIVQLNVSVQINCTRPNNNTRKSITLGPGKAFYATDIVGDIRKAHCNISSEAWNKTLREVAKKLNEQFKNKTIRFGPSSGGDPEIEMHSFNCRGEFFYCNTSRLFNSTWNTTQLFNSTESANDTGGLNNTVITLPCRIKQIINMWQEVGKAMYAPPIEGLLNCSSNITGLLLTRDGGSDLNNTDNNTNIEVFRPQGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGIGALFLGFLGAAGSTMGAASMTLTVQARLLLSGIVQQQNNLLKAIEAQQRLLQLTVWGIKQLQARLLAVERYLRDQQLLGIWGCSGKLICPTAVPWNTSWSNKSLGEIWNNMTWMEWEREIDNYTGLIYNLIEESQNQQEKNEQELLELDKWANLWNWFSISNWLWYIKIFIMIVGGLIGLRIVFAVLSIVNRVRQGYSPLSFQTHLPVPRGPDRPGGIEEEGGERDRDRSGPL

>B.2008.KY112502.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKRCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIAAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYPGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKISAILRRRPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPSCGKIPEGSAAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRHNIQFN\*RIAEPARKE\*TRIIGTR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112503.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGRHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHNTMHAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*QRSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DME\*HDLDGVGKRN\*QLYRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112504.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGRHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*QA\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KIQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQFSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TF\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*WYLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYER\*LEK\*TI\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYRAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112505.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKAMCKINPTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*QA\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KIQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECIGTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TF\*K\*NNKIWAILRRGPRN\*NAQF\*LSRGIFLL\*YIATV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAVINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAKQFAEGY\*GATAAVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*NLE\*HDLDGVGKRN\*QLHRLNIQFN\*GIAKPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNNSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112506.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGVL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESLLCNRRDSRRYKKSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCSSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSSVPWVLGSSRKHYGRSVYDADGTGQAVIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112507.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTH\*PQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMG\*KPKAMCKINSTLCYFKLH\*RHQYY\*RHPKQRTAGRNTKLLFQSHHTQKR\*GERLCTF\*\*T\*CSTNR\*W\*G\*Y\*LHIKKL\*YLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMYAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQHKKKHHIRTRESILCNRHSRRYKKSTL\*H\*QRSME\*NFKRGS\*KIK\*TI\*K\*NNKIWAILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*QY\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTLIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112508.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIG\*CDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGVL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESLLCNRRDSRRYKKSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCSSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSSVPWVLGSSRKHYGRSVYDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTCYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112509.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEVGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIG\*CDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LFEECY\*HHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGVL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESLLCNRRDSRRYKKSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRNNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSSVPWVLGSSRKHYGRSVYDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEY\*LE\*\*VSG\*DLE\*HDLDGVGKRN\*QLHRINIQFN\*RIAEPARKE\*TRTIGIG\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112510.-

MEPVDPRLEPWKHPGSQPRTPCTTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMIPLQIAAIVALVVVAILAIIVWSIVLIEYRKILRQRKIDRIVERILERAEDSGNESEGDEEELAALVEMGHHAPLEMGHHAPWNVDDL\*CWRTTVGHSLLWGACVERSKHHSILCIRC\*SI\*\*RDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLQ\*CY\*HHHQYC\*LHPTPRNAGRNTKLLFQCHSNHKK\*ESLCTF\*\*T\*CSTNR\*\*\*\*\*FY\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWNRTM\*KCQHSTMHTWY\*ASSIHSTAVKWQSSRRRGSN\*I\*QSLKQC\*NYNSTAECTCNN\*LYKTQQQHKNKYPYRTRESILCNRRHNRRHKTSTL\*P\*\*RRME\*NFKTGS\*KIR\*TFYRKKNKI\*VILRRGPRN\*NAQF\*LWRGIFLL\*FITTV\*\*HLE\*\*DLE\*\*\*Y\*RVK\*HRNYYTPMQNKTIYKHVAGSRKSNVCPSYQRTT\*LFIKHYRAAVNKRWR\*WS\*QD\*QQD\*GQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGSRSSVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEY\*LE\*\*ISG\*YLG\*PDLDGVGKRN\*\*LHRFNIQFT\*RIADPARKE\*TRIIGIR\*MGKSVELVYHITLAVVYKNIHNDSRRLDRFKNSFFCTFYSE\*S\*AGILTLIVSDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112511.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMHPLQITAIVALVVAAIVAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIG\*CDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKTMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRNAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKEKHHYRTRESILCNRRDSRRYKKSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSH\*RTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSINDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DME\*HDLDGVGKRN\*QLYRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112512.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVGLVVAAIAAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRNAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGVL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESLLCNRRDSRRYKKSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HRDYYPPM\*NKTNYKHVAGSRKSNVCPSH\*RTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYGE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112513.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGYSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*QA\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGVL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKKSTL\*H\*\*QSME\*NFKRGS\*KIT\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*HY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSSVPWVLGSSRKHYGRSVYDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DME\*HDLDGVGKRN\*QLYRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112514.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHHAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCMCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*ISHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*KVQWNRVM\*KCQHNTMHAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KTK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRATINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIDWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGC\*KIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*NLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112515.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKL\*HVEK\*HGRTDA\*GYNQSMGSKPKAMCKINPTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*QA\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KI\*WNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TF\*K\*NNKIWAILRRGPRN\*NAQF\*LSRGIFLL\*YIATV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAKQFAEGY\*GATAAVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRAI

>B.2008.KY112516.-

MEPVDPRLEPWKHPGSQPRTACNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMHPLQIAAIVGLVVAAIAAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRCQSI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHRQRCAGRNKKLLFQCHHTHKRKEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESLLCNRRDSRRYKKSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HRDYYPPMQNKTNYKHVAGSRKSNVCPSH\*RTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSSVPWVLGSSRKHYGRSVNDTDGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGEIPKGSTAPGNLGLLWKTHLPHCCALEY\*LE\*\*ISG\*DLE\*HDLDGVGERN\*QLHRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112517.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSAMHAWY\*ACSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKISAILRRRPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*IPG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112518.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGYSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAG\*NKKLLFQCHHTHKREEKR\*DKRLCTF\*QA\*CSTNR\*\*\*Y\*LHIKKL\*HLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*QRSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAEREKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSAAAKQFAEGY\*GATAAVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*IPG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*GIAEPAREE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112519.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*RHQYY\*RHPKQRTAGRNTKLLFQCHHTQKR\*GERLCTF\*\*T\*CSTNREW\*E\*Y\*LHIKKS\*YLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLKQC\*NYTSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKKSIL\*H\*\*RSME\*NFKTGS\*KIR\*TI\*NRNNKI\*VILRRGPRN\*NAQF\*L\*RGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVK\*HRDYYPPMQDKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRATVNKRWW\*\*S\*QY\*GLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSSVPWVLGSSRKHYGRSVNDADGTSQAIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TAPGKTPGCGKIPEGSAAPGNLGLLGKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKFVELV\*HNTLAVVYKNIHNNSRRLDRVKNSFYCTFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112520.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVGLVVAAIAAIIVWSIVLIEYRKILRQRKIDKLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*HHHQYY\*IPHRQRHAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRGSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKHHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKISAILRRRPRN\*NAQF\*LSRGIFLL\*YITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSH\*RTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPEGSAAPGNLGLLWKTHLPHCCALEC\*LE\*\*IPG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112521.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CWRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LHIKKL\*YLSYYTGLSKGVL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRIM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQ\*LKKKHHYRTRESLLCNRRDSRRYKKSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*K\*NNKI\*AILRRGPRN\*NAQF\*LSRGIFLL\*YNTTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPM\*NKTNYKHVAGSRKSNVCPSHRRIT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAEREKSSGNRSSVPWVLGSSRKHYGRSVYDADGTGQAIIVWYSAAAKQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKTHLPHCCALEC\*LE\*\*ISG\*DME\*HDLDGVGKRN\*QLYRLNIQFN\*GIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112522.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLFWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112523.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112524.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKYVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQY\*GLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112525.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112526.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112527.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112528.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112529.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112530.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112531.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112532.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112533.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWSTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112534.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112535.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112536.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112537.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112538.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112539.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112540.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112541.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112542.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWSRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112543.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112544.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*QVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112545.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWSTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KSSMEQGHVKMSAQYNARMVLGQ\*YQLNCC\*MAV\*QKKR\*\*LDLAISQTMLKL\*\*YS\*MYLYKLIVQDPTTTQEKVSL\*DQGKHFMQQEG\*\*EI\*DKHIVTLVAKHGIKL\*ER\*LKN\*VNNLKTEQ\*DLRHPPEGTQKLKCTVLIVEGNFSTVIHHDCLIVLGILHNCLIVLRVLMILEG\*ITQLLPSHAE\*NKL\*TCGRK\*EKQCMPLPSKDYLIVHQTLQGCY\*QEMVVVILTILTTIPIPRSSDRKEEI\*GIIGEVNYINIK\*YKLNH\*E\*HPPRQREEWCREKKEQWE\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPGYYCLV\*CNSRTIC\*RLLRRNSVCCNSQSGASNSSRQDSWLWKDT\*GINSSWEFGVALKSSSAPLLCLGMLVGVIDLWVRFGIT\*PGWSGKEKLTIIQA\*YTI\*LKNRRTSKKRMNKNYWN\*INGQICGIGLAYQTGCGI\*NYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHPYRFRPTSQLRGDPTGPEESKKKVERETETDPVH\*

>B.2008.KY112546.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112547.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSILKTKENRQVS\*KNKRKSRRQWQ\*ERRRRRRIGSPCGNGPPCSFGDGARCSLEC\*\*SVVL\*NNCGSQSIMGYLCGEKQTPLYFVHQMLKHMIQRCIMFGPHMPVYPQTPTHKK\*YWEM\*QKILTW\*NRCMRI\*SVYGIKA\*SHV\*N\*LHSVLF\*TALTIRRMLLIPPPILLPTP\*TEICREK\*KTALSMSPHP\*ERGEEIG\*KIMHFLISLM\*YQ\*SYILRSCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDKKFNGTGSCKNVSTVQCTHGIRPVVSTQLLLNGSLAEEEIVIRSSNLSDNAKTIIVQLNVSVQINCTRPNNNSRKSITIGPGKAFYATGGIVGDIRQAHCNISSKAWNKTLRE\*DLRHPPEGTQKLKCTVLIVEGNFSTVIHHDCLIVLGILHNCLIVLRVLMILEG\*ITQLLPSHAE\*NKL\*TCGRK\*EKQCMPLPSKDYLIVHQTLQGCY\*QEMVVVILTILTTIPIPRSSDRKEEI\*GIIGEDIK\*YKLNH\*E\*HPPRQREEWCREKKEQWE\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPGYYCLV\*CNSRTIC\*RLLRRNSVCCNSQSGASNSSRQDSWLWKDT\*GINSSWEFGVALESSSAPLLCLGMLVGVIDLWVRFGIT\*PGWSGKEKLTIIQA\*YTI\*LKNRRTEKNEQELLELDKWANLWNWFSISNWLWYIYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112548.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQSTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYER\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112549.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HGLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112550.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112551.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQKKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLGTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112552.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112553.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDNQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112554.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*\*HHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112555.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112556.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112557.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112558.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112559.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHC\*VCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112560.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112561.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWSTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112562.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112563.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112564.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNNSRRLDRFKNSFYCTFYSK\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112565.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112566.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112567.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112568.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112569.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHP\*ERGEEIG\*KIMHFLISLM\*YQ\*IMIILAIY\*EVVTPQLLHRPVQRYPLNQFPYIIVPRLVLRF\*SVMIKSSMEQGHVKMSAQYNARMVLGQ\*YQLNCC\*MAV\*QKKR\*\*LDLAISQTMLKL\*\*YS\*MYLYKLIVQDPTTTQEKVSL\*DQGKHFMQQEG\*\*EI\*DKHIVTLVAKHGIKL\*ER\*LKN\*VNNLKTEQ\*DLRHPPEGTQKLKCTVLIVEGNFSTVIHHDCLIVLGILHNCLIVLRVLMILEG\*ITQLLPSHAE\*NKL\*TCGRK\*EKQCMPLPSKDYLIVHQTLQGCY\*QEMVVVILTILTTIPIPRSSDRKEEI\*GIIGEVNYINIK\*YKLNH\*E\*HPPRQREEWCREKKEQWE\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPGYYCLV\*CNSRTIC\*RLLRRNSVCCNSQSGASNSSRQDSWLWKDT\*GINSSWEFGVALESSSAPLLCLGMLVGVIDLWVRFGIT\*PGWSGKEKLTIIQA\*YTI\*LKNRRTSKKRMNKNYWN\*INGQICGIGLAYQTGCGI\*NYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHPYRFRPTSQLRGDPTGPEESKKKVERETETDPVH\*

>B.2008.KY112570.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112571.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112572.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSGGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112573.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112574.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112575.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY112576.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTNQDSLSKQ\*VVYVMYPLTILAIVALVVAAIIAIIVWSIVLIEYRKILRQRKIDRLVERIRERAEDSGNESEGDEEELAALVEMGHHAPLEMGHDAPWNVDDL\*CCRTTVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LFEECY\*YHHQYYYLPHKQRYAGRNKKLLFQCHHTHKREEKR\*DKRLCTF\*\*A\*CSTNR\*\*\*Y\*LYIKKL\*HLSYYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRVM\*KCQHSTMHAWY\*ASSINSTAVKWQSSRRRDSN\*I\*QSLRQC\*NYNSTAECICTN\*LYKTQQQLKKKYHYRTRESILCNRRDSRRYKTSTL\*H\*\*QSME\*NFKRGS\*KIK\*TI\*KQNNKICAILRRGPRN\*NAQF\*LSRGIFLL\*FITTV\*\*YLEYYTIV\*\*Y\*EC\*\*YWRVE\*HSYYPPMQNKTNYKHVAGSRKSNVCPSHRRTT\*LFIKHYRAAINKRWW\*\*S\*QY\*QQYQYRGLQTARRRYEG\*LEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAERKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAEQFAEGY\*GATASVATHSLGHQTAPGKTPGCGKIPKGSTAPGNLGLLWKAHLPHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLYRLNIQFN\*RIAEPARKE\*TRIIGIR\*MGKSVELV\*HIKLAVVYKIIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTLIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.KY364886.-

MEPVDPSLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQGGETRQVSPSNQ\*VXHVMQPLTIVAIVALVVAIIIAIIVWTIVAIEYRRIVRQKKIDRIIDXIIDRAEDSGNESEGDQEELSALVEMGNHAPMGHHAPWNVNDL\*C\*RYVGHSLLWGTCVEGSNYYSILCIRC\*SICYRET\*CLGHTCLCTHRPQPTRSSIRKCDRRI\*HVEK\*HGRTDA\*GCNQFMGTKPEAMCKINPTLCYFKLH\*\*CC\*YHHQ\*\*Y\*CHCY\*\*GRNKKLLFQCYH\*HKR\*S\*ERICTLL\*T\*CSTNR\*YYC\*\*LYQL\*IDKL\*HLSHYTGLSKGYI\*XNSYTLLCPGWFCNTKVQ\*\*EVQGKRTMCKCQHSTMYTWN\*ASSVNPAAVKWQSSRRRCSN\*I\*QFLGQC\*NHNSTSERIYKN\*LYKTQ\*QYKKKYTYRTRESILCNRRHNRRYKTSTL\*HK\*KRLEQNFTTSSGKVTRRI\*\*NNNNL\*KLLRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*\*YLG\*GWDKA\*\*HWRRWQHHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*LCIKYHRATINKRWGCRRYSKRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRSST\*QGKEKSGAKRKKSSGNVRSHVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKTPGCGKIPKGSTAPRDLGLLWKNHLHHYCALEC\*LE\*\*NLQ\*DLGEYDLDAVGKRN\*QLHKLNIHLN\*GITEPTRKE\*AGFIGIRSVGKFVELV\*HNTVAVVYKNIHNDSRRLGRFKNSFCCAFHSE\*S\*AGILTIIISDPPPGPEGTRQARRNRRRRWREKQRQIREI

>B.2014.KY465967.-

MEPVDHRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSKNHQASLPKQ\*VVHVMKPLEISAIVGLVVAIILAIVVWTIVFIEYRKIVKQRKIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHPAPWDVNDL\*CCRTIVGHSLLWGTCVEGSNHHFILCLRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRSRFGKCDRKF\*YVEK\*HGRTDA\*GYNQFMG\*KPKAMCKINPTLCHFKMHEHQLHYEE\*YCYCYPV\*\*C\*YQYEL\*L\*\*EWSGDRYEKLLFQSHHSSKR\*GKARICIVL\*A\*YRTNRG\*AG\*YQL\*ADKL\*HLSPNTGLSKGIL\*ANSHSLLCPGWFCDSKM\*G\*KL\*WNRTM\*KCQHSTMYTWN\*ASSVNSTPVEWQPSRRRYST\*I\*EYLRQ\*\*KHSSTAEQLCRHYLYKTLQQYKKKYKYRTREGILCNR\*HNRRYKTSTL\*XQ\*SKLDKHFKTDSYKIKRTL\*QNNSLQKLLRRRPRNCNAHF\*LWRGILLL\*FNTTV\*LDFE\*Y\*EGE\*H\*RR\*KYHTPMQNKTIYKHVAGSRKSNVCPAHPRTN\*MFIKYYRANINKRWW\*E\*\*PK\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSTRSFVPWVLGSSRKHYGRSVANADGTGQTIIVWYSATAKQFAEGY\*GATAYVATHSLGHQAAPSKSPGCGKIPKGSTAPGNLGLLWKNHLHH\*CALEC\*LE\*\*ILFRDLG\*HDLEGVGK\*N\*QLHKLNIYPN\*RIP\*STGKE\*TRIIGIG\*VGKPVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTIIISDPPPNHTGTRQARRNRRRRWRERQRQIRAL

>B.2014.KY465968.-

MDPVDPRLEPWKHPGSQPETPCTPCYCKRCCLHCQVCFTKKALGISYGRKKRRQRRGPPQGRQNNQDSLSKQ\*VIYVMQPLVVLAIVALVVGKIDRLIDRIRERAEDSGNESEGEQEELSALVEMGHHAPWDVNDL\*CYK\*YVGHSVLWGTYMERSNYYSILCIRC\*SI\*YRDA\*CLGHTCLCTHRPQPTRNTIGKCDRTF\*HVEK\*YGRTDA\*RYNQFMGSKPKAMCKINPTLCCFNLH\*CKYH\*CE\*D\*KRGRNEKLLFQYHLKSRTEIAERVCTLL\*SGSSTIR\*\*\*\*\*YYL\*VDKM\*YLSHYTGLSKGVL\*ANSHTLLCPGWFCDSKV\*\*\*GVQWIRTMYKCQHSTMYTWN\*ASSINSTTVKWQSSRRRSSN\*I\*KFHE\*C\*NYNSTAEGSCKN\*LYKTQQQYKEKYTSRSRESNLCNRSHNRRYKTSTL\*H\*\*ERLE\*SFKPDSYKIKKTIWGE\*NNSLSEVLRRGPRNCNAQF\*LRRGIFLL\*YNKTV\*QYLG\*K\*KFK\*HQ\*PHHTPM\*NKANYKHVAGSRKSNICPSYRRTN\*LFIKYYRATINKRWW\*Q\*PDQ\*\*DIQTWRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKEKSGAERKKSSNDGSYVPWVLGSSRKHYGRSVNDADGTGQAIIVWYSATAKQLAEGY\*GATTSVATHSLGHQAAPGKSPGYRKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISK\*YLE\*HDLDGVGKRN\*QLHRLNIHLT\*KCAEPTRKE\*TRITGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSYCCAFYSEXGQAGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQIRSL

>B.2015.KY465969.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFIKKGLGISYGRKKRSQRRRPPGSSENHQASLSKQ\*VVHVMQSLQIVAIVALVVVTIIAVIVWTIVFVEYRRILRQRKIDRLIDRIQERAEDSGNESEGDQEELSALMERGHLAPWDVNDL\*CYRRFVGHSLLWGTCVERSNHHSILCFRC\*SI\*HRDT\*YLGHTCLCTHRP\*PTRTTFEKCNRKL\*HVEK\*HGRTDA\*GYNQFMG\*RPKAMCKINPIMCYFRVC\*YNLQQK\*YLRGWRRNEKLLVQCHHRHRK\*MA\*RICTFL\*A\*YSTSGK\*\*YKLYIDKL\*HLSHYTGLSKGNL\*TNSHTLLCPGWFCDSKV\*\*KEIQWIRIM\*KCQHSTMYAWN\*ASSVNSTVAKWQSSRGRGSN\*I\*KFHGQC\*KHNSTSERIYSN\*LYKTQQQYKKKYTDGMGESILCNRRNNRRYKTSTL\*H\*\*STMEQNFKTGSCKINEPIQYYNNNL\*SILRRGPRNYNT\*F\*LWRGIFLL\*YNTAV\*\*HLE\*NCS\*E\*\*LWF\*EWYYHTPVQNKTNCKQVAGSRKSNVCPSHQRSN\*LFIKYYRAVINKGWW\*\*\*EHQQVI\*DLQTWRRRYEGQLEK\*IIQI\*SSKD\*TIRSSTHQGKEESGAERKKSSGSIRSYVPWVLGNSRKHYGRSVTDADGTSQTTIVWYSATAEQSAAGYRGATSSVATHRLGHQAAPGKSPGCGKIPKGSAAPRNLGLLWKTHLHHCCALEC\*LE\*\*ISKYHLGQYDLDGMGKRN\*QLHRHNIQLT\*KITDTTGKE\*KGLIGIG\*LGKFVDLV\*YNKVAVVYKNIHNNSRRLNRFKNSFYCTFYSE\*S\*EGILTIIIPDPLPSPEGTRQARRNRRRRWRQKQRWIREI

>B.2015.KY514083.-

MEPVDPSLEPWKHPGSQPKTACTSCYCKKCCFHCQVCFIAKGLGISYGRKKRRQRRRAPQDNQAHQVPLSKQ\*VVHVMQPLQILVIIAFIVAIIIVIVVWSIVLIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQDELSALVEMGHHDPRVIINM\*CYRKIVGHNLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCSHRPQPTRSCIGKCNRRV\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*CQYH\*YH\*YH\*YH\*YHQWWRGNDDGERRNKKLLFQYHHKHER\*GAERICTFL\*A\*CSTNRKC\*\*\*L\*VDKL\*HLSHYTGLSKSIL\*SNSHTLLCPGWFCDSKV\*R\*KVQWNRTMYKYQHSTMYTWN\*TSGINSTTVKWQSSRRRGSN\*I\*KSHEQC\*NHNSTAK\*ICRN\*LYKTQQ\*YKKGYTYGSRGSILYNRRNNRKYKTSTL\*H\*QHKME\*HFKTGS\*KIKKTL\*E\*NNSL\*SLLRRGPRNCNAQF\*LWRRIFLL\*YNTTV\*\*YLE\*YLEWY\*KDK\*H\*QKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MLIKHYGAAINKRWW\*Y\*\*\*QERD\*DLQTWRGRYEGQLEK\*II\*I\*GSKN\*TIRSSTHQGKKKSGAKREKSSGNRSCVPWVLGSARKHYGRSVSDVDGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSPGSGKIPTGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISGKDLG\*HDLDGVGKRN\*QLHRLNIQLT\*RIAKPTRKE\*TRIVEIG\*MGKFVELVCYNQLAMVYKNIHNDSRRLGRLKDSFCCTFYSK\*S\*AGILTNIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSL

>B.2015.KY552996.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY552997.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY552998.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY552999.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553000.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553001.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553002.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKGYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553003.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553012.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553013.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553014.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553015.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPTLAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLE\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553016.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553017.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553018.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553019.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553027.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553028.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553029.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553030.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553031.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553032.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553033.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553034.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553045.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553046.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553047.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553048.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAEKAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553049.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553056.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553057.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKCHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553058.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553059.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553062.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553063.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553064.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553065.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553066.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLGRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553067.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VVYVMQALPILAVVALVVAAILAIVVWTIVFLEYRKLRRQKEINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRIQKYHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRKDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YY\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553071.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553072.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553073.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553074.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553075.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553076.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553077.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553078.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553079.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFIL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSXRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553080.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553081.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553082.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRTHQHSQTHQDYLSKQ\*VVYVMQASPILAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSKLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEKYHLCRNQ\*YHLSSYQ\*\*YQGRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSIL\*H\*\*NRLE\*NFNRGS\*KIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLEWYC\*\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRRW\*Y\*\*H\*WEGDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553097.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VIYVMQASPIIAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCR\*FVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSRFDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEYQYHLYQYHCSS\*YQGRRKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKTSIL\*H\*\*NRLE\*NFNKGSYKIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWYCWNLG\*YC\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GE\*DLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KYKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNNFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553098.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VIYVMQASPIIAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCR\*FVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSRFDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEYQYHLYQYHCSS\*YQGRRKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKTSIL\*H\*\*NRLE\*NFNKGSYKIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWYCWNLG\*YC\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GE\*DLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KYKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNNFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553099.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VIYVMQASPIIAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCR\*FVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSRFDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEYQYHLYQYHCSS\*YQGRRKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKTSIL\*H\*\*NRLE\*NFNKGSYKIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWYCWNLG\*YC\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GE\*DLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KYKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNNFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553100.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRSAPQHSQTHQDYLSKQ\*VIYVMQASPIIAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCR\*FVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSRFDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCEYQYHLYQYHCSS\*YQGRRKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KVQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKGSCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKTSIL\*H\*\*NRLE\*NFNKGSYKIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWYCWNLG\*YC\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GE\*DLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KYKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRNIKLAVVYKNIHNDSRRLNRFKNNFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553108.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRAHQHSQTHQDYLSKQ\*VVYVMQASPLIAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSTLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCENQYHC\*\*QCYSYQ\*\*YQGRSKRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KIQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKESCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSTL\*H\*\*NRLE\*NFNRSSSKIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YC\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GERDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY553109.chronic

MDPVDPKLEPWKHPGSQPKTACNNCYCKSCCFHCQVCFTKKALGISYGRKKRRPRRRAHQHSQTHQDYLSKQ\*VVYVMQASPLIAVVALVVAAILAIVVWTIVFLEYRKLRRQREINRLLDRIAERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*YCRQFVGHSLLWSTCVERSNHHSILCIRC\*SI\*HRST\*CLGHTCLCTHRPQSTRSTLDKCDRKF\*HVEK\*YGGPDA\*GYNQFMGSKFKAMCKINPTLCHFKLHRCENQYHC\*\*QCYSYQ\*\*YQGRSKRSKKLLFQYHHIIQRSDAAKQCNL\*YT\*YSK\*\*C\*QL\*VAKL\*HLSHYTSLSKDIL\*TNSHTLLCPGWFCDSKM\*G\*KIQWNRTM\*KCQHSTVYTWN\*ASGINSIPVKWQFSRRRDSN\*IC\*SLGQC\*NHNSTAKESCTN\*LYKTQQQHKKRYTYRTRKSILCNRRYNRRYKKSTL\*H\*\*NRLE\*NFNRSSSKIKRKI\*YNNSL\*\*LLGRGPRNCNAQF\*LQRGIFLL\*HIKTI\*WNLEWY\*WNLE\*YC\*\*NYHNPMQNKTIYKPVARSRKSNVCPSHRRTN\*LFIKHYRTDINKRWW\*Y\*\*H\*GERDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSNRSSVPWVLGSSRKHDGRSISDADGTGQTTIVWYSATAEQPAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKRSAAPGDLGLLWKTHLHHCCALEH\*LE\*\*KSKSDLG\*HDLDGVGKRN\*KLHRLNIQLN\*RIAKPTRKE\*TRIIGIG\*MGKFVVLVRHIKLAVVYKNIHNDSRRLNRFKNSFYCTFYSKQS\*AGILTIVIADPPPNSEGTRQARRNRRRRWRQRQRQLHEI

>B.2015.KY612642.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612643.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612644.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIEKAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612645.chronic

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>B.2015.KY612646.chronic

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>B.2015.KY612647.chronic

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>B.2015.KY612648.chronic

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>B.2015.KY612649.chronic

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>B.2015.KY612650.chronic

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>B.2015.KY612651.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612652.chronic

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>B.2015.KY612664.chronic

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>B.2015.KY612665.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRST\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612666.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612667.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYKKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612668.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTIYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612669.chronic

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>B.2015.KY612670.chronic

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>B.2015.KY612671.chronic

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>B.2015.KY612672.chronic

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>B.2015.KY612673.chronic

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>B.2015.KY612674.chronic

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>B.2015.KY612675.chronic

MEPVDPRLEPWKHPGSRPKTDCTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLEILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKHHFILCIRC\*SICCRGT\*YLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMG\*\*PKAMCKVNPTLCHFKLH\*\*FKEYQYY\*DQ\*\*\*HGSD\*KRRNKKLFLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*GYW\*LYQI\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSVNSTAVKWQFSRKRGSN\*I\*RFQQ\*CKNHNSTSE\*ICTNYLCKTQQQYKKRNNFRTRESILHNRRNNRRYKKSIL\*HEWNSLE\*NFRMGS\*KIKRTI\*\*NNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*CLE\*YRVKWSYQ\*QHHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATINKRWGKWK\*HK\*NR\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAESY\*GATACVATHSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILGSDLE\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612684.chronic

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNENEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKRHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMG\*\*PKAMCKINPTLCHFKLH\*LCKEYY\*YQYY\*DQQ\*\*HGKDGGGRNKKLLLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*\*\*WGC\*LYPL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRGSN\*I\*RFQQ\*C\*NHNSTSK\*ICTNYLCKTQQPYKKKNNFRTRESILHNRRNNRKYKKGTL\*H\*\*SSLE\*NFRMGN\*KIKRTI\*\*NNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YKTTV\*\*YLE\*YYRVKWN\*Q\*KHHAHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATVNKRWGK\*HK\*DL\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVDDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWETHLHHCCALEH\*LE\*\*ILGSDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612685.chronic

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>B.2015.KY612686.chronic

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKRHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMG\*\*PKAMCKINPTLCHFKLH\*LCKEYY\*YQYY\*DQQ\*\*HGKDGGGRNKKLLLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*\*\*WGC\*LYPL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRGSN\*I\*RFQQ\*C\*NHNSTSK\*ICTNYLCKTQQPYKKKNNFRTRESILHNRRNNRKYKKGTL\*H\*\*SSLK\*NFRMGN\*KIKRTI\*\*NNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YKTTV\*\*YLE\*YYRVKWN\*Q\*KHHAHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATVNKRWGK\*HK\*DL\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVDDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWETHLHHCCALEH\*LE\*\*ILGSDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612687.chronic

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKRHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMG\*\*PKAMCKINPTLCHFKLH\*LCKEYY\*YQYY\*DQQ\*\*HGKDGGGRNKKLLLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*\*\*WGC\*LYPL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRGSN\*I\*RFQQ\*C\*NHNSTSK\*ICTNYLCKTQQPYKKKNNFRTRESILHNRRNNRKYKKGTL\*H\*\*SSLE\*NFRMGN\*KIKRTI\*\*NNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YKTTV\*\*YLE\*YYRVKWN\*Q\*KHHAHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATVNKRWGK\*HK\*DL\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVDDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWETHLHHCCALEH\*LE\*\*ILGSDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612688.chronic

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKRHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMG\*\*PKAMCKINPTLCHFKLH\*LCKEYY\*YQYY\*DQQ\*\*HGKDGGGRNKKLLLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*\*\*WGC\*LYPL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRGSN\*I\*RFQQ\*C\*NHNSTSK\*ICTNYLCKTQQPYKKKNNFRTRESILHNRRNNRKYKKGTL\*H\*\*SSLE\*NFRMGN\*KIKRTI\*\*NNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YKTTV\*\*YLE\*YYRVKWN\*Q\*KHHAHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATVNKRWGK\*HK\*DL\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVDDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWETHLHHCCALEH\*LE\*\*ILGSDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612689.chronic

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKRHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMG\*\*PKAMCKINPTLCHFKLH\*LCKEYY\*YQYY\*DQQ\*\*HGKDGGGRNKKLLLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*\*\*WGC\*LYPL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRGSN\*I\*RFQQ\*C\*NHNSTSK\*ICTNYLCKTQQPYKKKNNFRTRESILHNRRNNRKYKKGTL\*H\*\*SSLE\*NFRMGN\*KIKRTI\*\*NNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YKTTV\*\*YLE\*YYRVKWN\*Q\*KHHAHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATVNKRWGK\*HK\*DL\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVDDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWETHLHHCCALEH\*LE\*\*ILGSDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612690.chronic

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKRHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMG\*\*PKAMCKINPTLCHFKLH\*LCKEYY\*YQYY\*DQQ\*\*HGKDGGGRNKKLLLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*\*\*WGC\*LYPL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRGSN\*I\*RFQQ\*C\*NHNSTSK\*ICTNYLCKTQQPYKKKNNFRTRESILHNRRNNRKYKKGTL\*H\*\*SSLE\*NFRMGN\*KIKRTI\*\*NNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YKTTV\*\*YLE\*YYRVKWN\*Q\*KHHAHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATVNKRWGK\*HK\*DL\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVDDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWETHLHHCCALEH\*LE\*\*ILGSDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612691.chronic

MEPVDPRLEPWKHPGSRPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDL\*CYRTIMGHSLLWGTCVERSKRHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSIIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMG\*\*PKAMCKINPTLCHFKLH\*LCKEYY\*YQYY\*DQQ\*\*HGKDGGGRNKKLLLQYHHKHEG\*DAERICTLV\*T\*FSTAR\*\*\*WGC\*LYPL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRGSN\*I\*RFQQ\*C\*NHNSTSK\*ICTNYLCKTQQPYKKKNNFRTRESILHNRRNNRKYKKGTL\*H\*\*SSLE\*NFRMGN\*KIKRTI\*\*NNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YKTTV\*\*YLE\*YYRVKWN\*Q\*KHHAHAPMQNKANYKHVAGSRKSNVCPAHQWTN\*LYIKYYRATVNKRWGK\*HK\*DL\*DLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIGNRSCVPWVLGSSRKHYGRSVDDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWETHLHHCCALEH\*LE\*\*ILGSDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPTGKE\*TRIIGIG\*MGKFVDLV\*HNTVAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612692.chronic

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>B.2015.KY612700.chronic

MEPVDPRLEPWKHPGSRPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVLAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYRTIMGHSLLWGTCVERSKCHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSTIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGG\*PKAMCKINPTLCHFKLH\*SFKYY\*YQYY\*AQQ\*\*HGKDGEGRNKKLLLQFHHKHEG\*DAERICTLV\*T\*FRTAR\*\*YW\*LYQL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRDSN\*I\*RVQQ\*C\*NHNSTSE\*ICTNYLCKTQQP\*RKKSNFRTRESMVYNRKNSRKYKKSIL\*H\*RNSLE\*NFRKGS\*KIKRTI\*HNNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*YLE\*YRVKWIYQ\*QHHAPMQNKANCKHVAGSRKSNVCPAHQWTN\*LYIKYYRDTINKRWGS\*QDQPERDLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIRNRSCVPWVLGSSRKHYGRSVNDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILESDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVDLV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612701.chronic

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>B.2015.KY612702.chronic

MEPVDPRLEPWKHPGSRPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVLAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYRTIMGHSLLWGTCVERSKCHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSTIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGG\*PKAMCKINPTLCHFKLH\*SFKYY\*YQYY\*AQQ\*\*HGKDGEGRNKKLLLQFHHKHEG\*DAERICTLV\*T\*FRTAR\*\*YW\*LYQL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRDSN\*I\*RVQQ\*C\*NHNSTSE\*ICTNYLCKTQQP\*RKKSNFRTRESMVYNRKNSRKYKKSIL\*H\*RNSLE\*NFRKGS\*KIKRTI\*HNNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*YLE\*YRVKWIYQ\*QHHAPMQNKANCKHVAGSRKSNVCPAHQWTN\*LYIKYYRDTINKRWGS\*QDQPERDLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIRNRSCVPWVLGSSRKHYGRSVNDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILESDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVDLV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612703.chronic

MEPVDPRLEPWKHPGSRPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVLAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYRTIMGHSLLWGTCVERSKCHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSTIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGG\*PKAMCKINPTLCHFKLH\*SFKYY\*YQYY\*AQQ\*\*HGKDGEGRNKKLLLQFHHKHEG\*DAERICTLV\*T\*FRTAR\*\*YW\*LYQL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRDSN\*I\*RVQQ\*C\*NHNSTSE\*ICTNYLCKTQQP\*RKKSNFRTRESMVYNRKNSRKYKKSIL\*H\*RNSLE\*NFRKGS\*KIKRTI\*HNNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*YLE\*YRVKWIYQ\*QHHAPMQNKANCKHVAGSRKSNVCPAHQWTN\*LYIKYYRDTINKRWGS\*QDQPERDLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIRNRSCVPWVLGSSRKHYGRSVNDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILESDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVDLV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612704.chronic

MEPVDPRLEPWKHPGSRPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVLAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYRTIMGHSLLWGTCVERSKCHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSTIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGG\*PKAMCKINPTLCHFKLH\*SFKYY\*YQYY\*AQQ\*\*HGKDGEGRNKKLLLQFHHKHEG\*DAERICTLV\*T\*FRTAR\*\*YW\*LYQL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRDSN\*I\*RVQQ\*C\*NHNSTSE\*ICTNYLCKTQQP\*RKKSNFRTRESMVYNRKNSRKYKKSIL\*H\*RNSLE\*NFRKGS\*KIKRTI\*HNNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*YLE\*YRVKWIYQ\*QHHAPMQNKANCKHVAGSRKSNVCPAHQWTN\*LYIKYYRDTINKRWGS\*QDQPERDLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIRNRSCVPWVLGSSRKHYGRSVNDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILESDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVDLV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612705.chronic

MEPVDPRLEPWKHPGSRPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVLAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYRTIMGHSLLWGTCVERSKCHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSTIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGG\*PKAMCKINPTLCHFKLH\*SFKYY\*YQYY\*AQQ\*\*HGKDGEGRNKKLLLQFHHKHEG\*DAERICTLV\*T\*FRTAR\*\*YW\*LYQL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRDSN\*I\*RVQQ\*C\*NHNSTSE\*ICTNYLCKTQQP\*RKKSNFRTRESMVYNRKNSRKYKKSIL\*H\*RNSLE\*NFRKGS\*KIKRTI\*HNNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*YLE\*YRVKWIYQ\*QHHAPMQNKANCKHVAGSRKSNVCPAHQWTN\*LYIKYYRDTINKRWGN\*QDQPERDLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIRNRSCVPWVLGSSRKHYGRSVNDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILESDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVDLV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612706.chronic

MEPVDPRLEPWKHPGSRPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVLAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYRTIMGHSLLWGTCVERSKCHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSTIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGG\*PKAMCKINPTLCHFKLH\*SFKYY\*YQYY\*AQQ\*\*HGKDGEGRNKKLLLQFHHKHEG\*DAERICTLV\*T\*FRTAR\*\*YW\*LYQL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRDSN\*I\*RVQQ\*C\*NHNSTSE\*ICTNYLCKTQQP\*RKKSNFRTRESMVYNRKNSRKYKKSIL\*H\*RNSLE\*NFRKGS\*KIKRTI\*HNNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*YLE\*YRVKWIYQ\*QHHAPMQNKANCKHVAGSRKSNVCPAHQWTN\*LYIKYYRDTINKRWGS\*QDQPERDLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIRNRSCVPWVLGSSRKHYGRSVNDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILESDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVDLV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612707.chronic

MEPVDPRLEPWKHPGSRPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQSSQTHQGSLPKQ\*VVHVMQSLTILTIVALVLAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHLAPWDVNDQ\*CYRTIMGHSLLWGTCVERSKCHFILCIRC\*SICCRGT\*CLGYTCLCTHRPQPTRSTIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGG\*PKAMCKINPTLCHFKLH\*SFKYY\*YQYY\*AQQ\*\*HGKDGEGRNKKLLLQFHHKHEG\*DAERICTLV\*T\*FRTAR\*\*YW\*LYQL\*VDRL\*HLSHYTGLSKGIL\*ANSHPLLCPGWFCDSKV\*\*\*EFQWKRNM\*KCQHSTMYTRN\*TSSINSTAVKWQFSRKRDSN\*I\*RVQQ\*C\*NHNSTSE\*ICTNYLCKTQQP\*RKKSNFRTRESMVYNRKNSRKYKKSIL\*H\*RNSLE\*NFRKGS\*KIKRTI\*HNNNSL\*ATLRRGSRNCNAQF\*LRRGIFLL\*YNTTV\*\*YLE\*YRVKWIYQ\*QHHAPMQNKANCKHVAGSRKSNVCPAHQWTN\*LYIKYYRDTINKRWGS\*QDQPERDLQTWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAERKKSIRNRSCVPWVLGSSRKHYGRSVNDADGTGQTINVWYSAAAEQFAEGY\*GATACVATLSLGHQAAPGKGPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEH\*LE\*\*ILESDLG\*HDLDAVGKRN\*QLHKLNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVDLV\*HNTMAVVYKNIHNDSRRLDRFKNSFYCAFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY612718.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKHWLFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612719.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKM\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612720.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612721.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612722.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612723.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612724.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612725.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612726.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*KFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612727.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKINRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612740.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMPLFVVSIIALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQYYHKYKR\*DAERICTFV\*T\*CNTNKG\*\*Y\*L\*IDKL\*HLNHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTTVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGRIWEQNNSF\*\*ILRGGSRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*Q\*Y\*RVKWH\*SYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LLIKYYRAAINKRWW\*\*\*\*HERD\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612741.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMPLFVVSIIALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQYYHKYKR\*DAERICTFV\*T\*CNTNKG\*\*Y\*L\*IDKL\*HLNHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTTVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGRIWEQNNSF\*\*ILRGGSRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*Q\*Y\*RVKWH\*SYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LLIKYYRAAINKRWW\*\*\*\*HERD\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612742.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMPLFVVSIIALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQYYHKYKR\*DAERICTFV\*T\*CNTNKG\*\*Y\*L\*IDKL\*HLNHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTTVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGRIWEQNNSF\*\*ILRGGSRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*Q\*Y\*RVKWH\*SYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LLIKYYRAAINKRWW\*\*\*\*HERD\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612743.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMPLFVVSIIALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQYYHKYKR\*DAERICTFV\*T\*CNTNKG\*\*Y\*L\*IDKL\*HLNHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTTVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGRIWEQNNSF\*\*ILRGGSRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*Q\*Y\*RVKWH\*SYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LLIKYYRAAINKRWW\*\*\*\*HERD\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612744.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMPLFVVSIIALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQYYHKYKR\*DAERICTFV\*T\*CNTNKG\*\*Y\*L\*IDKL\*HLNHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTTVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRERIWEQNNSF\*\*ILRGGSRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*Q\*Y\*RVKWH\*SYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LLIKYYRAAINKRWW\*\*\*\*HERD\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNNSRRLNRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612745.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMPLFVVSIIALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQYYHKYKR\*DAERICTFV\*T\*CNTNKG\*\*Y\*L\*IDKL\*HLNHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTTVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGRIWEQNNSF\*\*ILRGGSRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*Q\*Y\*RVKWH\*SYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LLIKYYRAAINKRWW\*\*\*\*HERD\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612746.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMPLFVVSIIALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQYYHKYKR\*DAERICTFV\*T\*CNTNKG\*\*Y\*L\*IDKL\*HLNHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTTVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGRIWEQNNSF\*\*ILRGGSRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*Q\*Y\*RVKWH\*SYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LLIKYYRAAINKRWW\*\*\*\*HERD\*NLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612755.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612756.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612757.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTM\*TWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612758.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612759.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612760.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMESKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*KFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612761.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*KFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLL\*KTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIKIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWKARQRQINSI

>B.2015.KY612762.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612763.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612764.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612765.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612766.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612783.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612784.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVKRSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWKARQRQINSI

>B.2015.KY612785.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612786.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAKRICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612787.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612788.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*GFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612789.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612790.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612791.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*Y\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612803.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612804.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612805.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612806.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612807.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612808.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFVQT\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIKIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612809.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVKKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612810.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612811.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FKYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAESRKGNVCPSHQGKH\*LYIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLKK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLL\*KTHLHHYCALEC\*LK\*\*ISR\*HLK\*YDLDAVGSRN\*QLHRSNI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612812.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGKTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612813.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTIVALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIVERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYYYYY\*\*\*LGEYGARRNKKLLFQCYHKYKR\*DAERICTFV\*T\*CSINRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*RYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYRTRESILCNRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKGKISEQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIRYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRSDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612828.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEXXY\*XX\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612829.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEXXY\*XX\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612830.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEXXY\*XX\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRKCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSK\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612831.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEXXY\*XX\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612832.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEXXY\*XX\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612833.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEXXY\*XX\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKN\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612834.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEXXY\*XX\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612835.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEXXY\*XX\*\*\*LGDDGARRNKKLLFQDYHKYKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612836.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPTHQDSQTNQASLSKQ\*VVYVMQPLVASIIALVIAVILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLL\*GTCVERSKTHSILCIRC\*SI\*SRGTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEXXY\*XX\*\*\*LGDDGARRNKKLLFQDYHKYKK\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLSHYTSLSKGNL\*ANSHTLLCPSWFCNSKV\*\*YSVSGKRKL\*\*CYHSTMYTWN\*ASSVNSTAVKWQSSRRRCSN\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIRESI\*EQNNSF\*KFLRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LFIKYYRAAINKRWW\*\*\*\*NERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIIVWYSATTKQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISR\*HLE\*YDLDAVGSRN\*QLHRTDI\*VT\*RIAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612837.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTTALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRSTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*\*YY\*\*ELGEDGARRNKKLLFQYYHKHKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLNHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*QYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCST\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKERI\*EQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LLIKYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIVVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISRCDLG\*YDLDAVGNRNFQLHRTDI\*VT\*RVAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2015.KY612838.chronic

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRRRRPAHQDSQTNQASLSKQ\*VVYVMQLLVVSTTALVIAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRIAERAEDSGNESEGDQEELSVLVGPRDAAVL\*CCRTIVGHSLLWGTCVERSKTHSILCIRC\*SI\*SRSTQCLGHTCLCTHRP\*STRSKFGKCDRIF\*CVEKLHGRTNA\*\*YNQFMGSKPKAMCKINPTLCYFKLH\*FEYY\*\*YY\*\*ELGEDGARRNKKLLFQYYHKHKR\*DAERICTFV\*T\*CSTNRG\*\*Y\*L\*IDKL\*HLNHYTSLSKGDL\*ANSHTLLCPSWFCDSKV\*QYSVSGKRKL\*\*CHHSTMYTWN\*ASSVNSTAVKWQSSRRRCST\*I\*EFHRQC\*NHNSTSE\*ICKN\*LYKTQQQYKKKYTYSTRESILCDRRNNRRYKTSTL\*H\*\*SRLE\*NFRTDSYQIKERI\*EQNNSF\*KILRGGPRNCNAQF\*LWRGVFLL\*YNTTV\*\*HLE\*HLE\*Q\*Y\*RVK\*HWSYHTPMQNKTNYKHVAGSRKGNVCPSHQGKH\*LLIKYYRAAINKRWW\*\*\*\*HERD\*DLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSNRNRSFVPWVLGSSRKHYGRSVSDADGTGQAIVVWYSATTEQYVESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISRCDLG\*YDLDAVGNRNFQLHRTDI\*VT\*RVAKSTRKK\*TRLIEIG\*LGKFVELV\*HNTLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVADPPPNPEGTRQARRNRRRRWRARQRQINSI

>B.2008.KY658683.-

MEPVDPRLEPWQHPGSQPETPCTTCYCKKCCFHCQRCFLTKGLGISYGRKKRRQRRRAPQGSPTHQVSLSKQ\*VIHVMIPIQIAAIVALVVGVILAIVVWAIVLIEYRKILRQRKIDRLIDRLLERAEDSGNESEGEQEELSALVGMGHHAPWDVNDL\*C\*PIVGHSLLWGTCMERSKHHSVLCIRC\*SI\*DRGT\*CLGHTCLCTYRP\*PTRSRIEKCDRKF\*HVEK\*HGRTNA\*GCNQFMG\*KPKAMCTINPTLCYFTMX\*LDS\*\*\*Y\*\*YYQEGNGEKHKKLLFQYHHRGTR\*EEKSLCTL\*\*S\*YSTNR\*\*\*YKLYVNKL\*YLSHYSSLSKGNF\*TNSNTLLCPGWFCDSKV\*G\*KFQWNRTLYKCQYSTMYTWD\*ASSVNSPVVKWQSSRRRDSN\*I\*KFHKQC\*NYNSTAE\*NSRN\*LYKTQQQHKKEHTHRARENNVCNRTNNRRYKTSTL\*H\*\*HKMEQHFRKGS\*KIKGTI\*\*NKNNISAILRRGPRNCDAHF\*LCRGIFLL\*YNTVV\*\*YLECK\*YPRVKWNWRNYHTPMQNKTNYKQMAGSRKSNVCPSHQRKH\*LFLKYHRAATNKGWW\*Q\*QQRNLQTWRRRYEGQLEK\*TI\*I\*SGKN\*TIRSSTYQGKEKSGAKRKKSTRDCGSWAPWVLSSSRKHYGRSVGDADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHFCALEC\*LE\*\*IPERNLG\*HDLDGMG\*RN\*QLHKHNIQLA\*KIAKPTRKE\*TGIVGIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLSRFKNSFCYTFYSE\*S\*AGILTIIIPDPPPSPEGTRQARRNRRRRWRERQRRIRAI

>B.2010.KY658684.-

MDPVDPRLEPWEHPGSQPKTACTKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQSSQSHQDPLPKQ\*VVHVMNSLEISAIVGLVVAAILAIIVWSIVYIEYRKIVRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVERGHLAPWDINDM\*CYTRVVGHSLLWGTCVERSNHHSILCIRC\*RI\*DRGT\*CLGHTCLCTHRPQPTRSTLGECDRKF\*YVEK\*HGRSDA\*GYNQFMGSKPKTMCEANSTLCYFKLH\*LLFDQCYF\*\*\*HQRNKKLLFQYHLKLKR\*SKKRTCTFLYS\*YSTNKA\*\*YQI\*VDKV\*HLSHYTGLSKDIL\*ANSHTLLYPGWFCDYKV\*\*\*EV\*WNRTM\*KCQHSTMYTWN\*ANSINSIAVKWQSSRGRDNN\*I\*KFHKQC\*KHNSTAE\*IRRN\*LYKTQQQYKKKYTYRTRESISCNRRHSRRYKKCTVYH\*\*NRME\*YFKRSS\*KINGTIE\*NYNIL\*PILRRGPRNYNTQF\*LWRGIFLL\*YLRTV\*\*YLE\*N\*WIKYLEWYSE\*NYHTSMQNKTNCKHVAASRKSNICPSHQRTNCMCIKYYRADIDKRW\*SEQPD\*PA\*GLQTYRRKYEGQLEK\*II\*I\*SSTN\*TSRNSTH\*GKKKSGAERKKSSGNRSCVPWVLGSSRKHYGRSGGDADGTGQTIIVWYSATAEQSAEGY\*GATAYVATHSLGYQTAPGKSPGCGKIPKGSTAPGTLGLLWKTHLHHLCALE\*\*LE\*\*ISGGDLAEHDLDGLGKRN\*\*LHKFNI\*LN\*RIAKPTRKE\*TRLIGFR\*MGKFVELV\*HIKMAVVYKNIHNDSRRLNRFKNSLYCIFYSK\*S\*AGLFTIIVSDPFPGPEGTRQARRNRRRRWRKRQRQIQAI

>B.2014.KY658685.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFITKGLGISNGRKKRRQRRRSPQGSENHQVSLSKQ\*VVYVMQPLPIVAIVALVIVAIIAIVVWSIVIIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*CYRKIVGHSLLWSTCVERGKHHSILCIRC\*IIYYRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRRL\*HVEK\*HGRTDA\*GYNQSMG\*KPKAMCKVNPTLCYFRLH\*CSHELH\*YR\*LH\*LENKGGGRTKKLLFQYHHIQNR\*NAERKCIVL\*P\*YNKNR\*\*R\*\*\*L\*VAKL\*HLSHYTGMPKDILGTNSNTLLYPGWFCASKM\*\*\*ELQWNRTM\*KCQHSTMYTWN\*ASSINSIVVKWQSSRRRHNN\*I\*KYHGQC\*NHNSTAE\*NCKHYVSKTQQQYKEKYKYRTREGNLCHRTNNRKYKTSIL\*H\*\*CNVAKHVTTGS\*KITRTF\*\*NNSL\*SILRRGPRNCNA\*F\*LWRGIFLL\*HNTTV\*\*YLEQYLELEQYY\*ELNKL\*HNNSMQNKTNCKQVARGRKSNVCPSHQRNNPMHIKHYRVAINKRWW\*\*E\*Y\*\*DFQTWRRRYEGQLEK\*II\*IQSSTN\*TNRNSTHQGKEKSGAEREKSSGNRSYVPWVLERSRKHYGRSVSDADGTGQTIIVWYSAAAEQSAEGY\*GTTASVATHSLGHQAAPGKSPGCGKIPT\*STAPRALGLLWKTHLHHCCALE\*\*LE\*\*ISG\*HLGKHDLDTVGKRSQ\*LHKINIQSN\*NIAKPAGTE\*TRIVGIG\*MGKFVELV\*YNKLAMVYKNIHNDSRRLNRIKNSFYCTFYNK\*S\*EGILTIIVPDPPPSSEGTRQARRNRRRRWRARQRRIQEI

>B.2007.KY658686.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKSCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSENHQASLSKQ\*VVYVMLPLTIAIVALVVAIIIAIVVWTIVFIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CYRTIVGHSLLWGTCVERSNNHFILCIRC\*SICYRGT\*YLGHTCLCTHRPQPTRSIIEKCDRKF\*HVGK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLH\*CQQD\*EY\*YH\*TNG\*RRNKKLLFQCHHKPKR\*GAERICTLL\*T\*CSTTR\*QL\*\*L\*VEKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*DIQWNRTMYKCQHSTMHTWN\*ASSVNSFAVKWQSSRGGGSN\*I\*KFHGQC\*KHNSTAEGSCTN\*LFKTRQQYKKKYTYRTRESIF\*NRRHNRRYKTSTL\*P\*\*CKME\*HLKTGSYKIKRTIWEQYNYCL\*SILRRGPRNYNAQF\*LWRRIFLL\*YITTV\*\*YLESKYYRIRQHK\*H\*TYHTPM\*NKTNYKLVAGSRKSNVCSSHPRKHYLFIKYYRASINKRWW\*\*CYS\*GLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGSARSYVPWVLGNSRKHYGRSGNDADGTGQTIIVWYSATAKQFAESY\*GATASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEF\*LEQ\*IFEDDLG\*HDLDAVGKRN\*QLHRLNIHLN\*RIAKPTRKE\*TRIIIIR\*VGKFVDLV\*YIKLAVVYKNIYNDSGRLGRFKNSLCCAFPSK\*S\*AGILTTIISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2015.KY658689.-

MDPVDPRLEPWKHPGSQPKTACNNCYCKQCCFHCQVCFIKKGLGISYGRKKRRQRRRPPPSSPTHQVSLSAQ\*VVNVMQALEIYTIIALVVVAIIAIVVWTIVLLEYRKILKQGRIDRLIDRIRERAEDSGNESDGDQQELLIELGHDAPSDDDEL\*C\*\*QFVGHSILWGTCVERSIHHSILCIRC\*SI\*KRGT\*CLGHTCLCTHRPQPTRNRIKKCDREI\*HGKK\*YGRSDA\*RYNQSMG\*KPKAMCKINPTLCYSKLH\*FAE\*V\*HR\*\*YYRNEKLHFQ\*HHKRRR\*KKDRICTFL\*S\*CSTNR\*\*Y\*YI\*VDKL\*HLSPYTGMSKNIL\*ANPNTLLCPGWFCNFKV\*R\*EV\*WKRSMSQCQHSTVYTWN\*TSSVNSTAVKWQSNRRRSSN\*I\*KLHKQC\*NHNSTSE\*INTN\*LHKARQQYKKRYTYRTRENILCNRTNNRRYKTSTL\*PEQHRLE\*DFRKGK\*KIKRTIWEQ\*NNSL\*SLLRRGPRNCNAQFYLWRGIFLL\*YNTTV\*\*YLE\*Y\*WGKLHKWNYHAPMQNKTNYKHVAESRKSNVCPSHCRTT\*LFIKYYGDTINKRWG\*W\*CDK\*HRDLQTCRRRYEGQLEK\*TIQI\*SSKD\*TIRNSTHQGKEKSGAERKKSSDTGSSVPWVLGSCRKHYGRSVSDADGTGQAIIGWYSATAEQFAESY\*GATAHVATHSLGH\*AAPGKSPGSGKIPTGSAAPRNLGLLWKTHLHH\*CALE\*\*LE\*\*ICRLNLEYDLDAMGKRN\*QLHRDNIRLT\*KITEPTRVK\*TGTIEIGYMGKFVELV\*YIKLAVVYKNIHNDSRRFNRFKNNFYCAFFSK\*S\*AGIFTTIISDPPPNLEGTRQARRNRRRRWRQRQRHINAL

>B.2015.KY658690.-

MEPVDPSLEPWKHPGSQPSTPCTACYCKKCCFHCQACFTKKALGISYGRKKRGQRRRAPQSSQTHQDPLSKQ\*VIHVMTPLMTPLQIAAIVALVVTAIIAIIVWSIVAIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELAALVERGHDAPWNIDDL\*CYRKIVGHSLLWSTCVERSNYHSILCFRC\*SI\*YRGT\*CMGYTCLCTHRPRSKRGSIRKCDRKF\*CMEK\*HGRADA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CHD\*QYDPGDRIKDPEGRSKELLFQCHPKHKKQDAEGICTFV\*T\*SSSNK\*D\*\*Y\*L\*VNKL\*HFDPYTGLSKGIL\*ANSHTLLCPGWFCDYKV\*\*\*KVQWKRIMYKCQHSTMYTWD\*ASSINSTAVEWQSSRR\*DSN\*I\*KYHRQCQNHHSAP\*\*SCTNQLYQTQ\*QYKEKYNYRTRESILCNRRSNRRYKTSTL\*H\*WNRME\*HFKAGE\*KIKR\*I\*E\*NNSL\*AILRRGPRN\*NAQF\*LWRGIFLLQYNKTV\*Q\*LAK\*Y\*E\*Y\*RVK\*HCYHTPM\*NKTNYKHVAGSRKSNVCPSHQGTN\*LYIKHYRATINKRWGQWK\*HE\*NLQTSRRKYKGQLEK\*TI\*I\*SSKN\*TIRSSTYQGKEKSGAKRKESSGNGSLVPWVLGSSRKHYGRSVSDVDGTGQTIIVWYSAAAK\*FAASY\*GATAFVATHSLGHQAAPGKSPGYGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*DSK\*DLG\*HDLDAVGKRN\*QLHSSNILLT\*RIAEPARQE\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAFFNK\*G\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIRAI

>B.2014.KY658693.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGIYYGRKKRSKRRRAPQGSETHQVYPSKQ\*VTHVMQPLHILAIVALVVAAILAIIVWTIVYIEYRKLVRQRKIDRLIERIAERAEDSGNESEGDQEELSTLVEMGHHAPWDIDDL\*CCRTIVGHSLLWGTCVERGKRHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRSQPTRNSIGKCNRKFYHVEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFKLH\*LDCY\*YQCQ\*DQQCH\*\*QY\*\*NEKLLFQHYHRNRREKAEKLCTFFYT\*CNTN\*\*YQL\*VDKL\*HLSCYSSLSKGIL\*AHSHTLLCPGWFCDSKV\*\*\*EV\*WNRTM\*KCQHSTMYTWN\*TSSVNSAVVKWQSSRRRDSN\*I\*EFHRQCKNHNSTTETVCKHYLYKTQ\*\*YKKKYTCRTREGTLYNRYNRRYKTSTL\*H\*\*RRVEENFTTGSYKIRRTI\*\*QNNSL\*SILRRGPRNCNAHF\*LWRGIFLL\*YITVVQ\*YLDIQ\*\*RNKLH\*DNK\*H\*WN\*HNHTPMQNKTNYKHVAESRKSNVCPSHQRNN\*L\*FKYYRIAINKRWWYYQR\*\*QQ\*DF\*TWRREYER\*LEK\*II\*IQSSKN\*TIRNSPHQGKKKSGAERKKSNRNGSCVHWVLGNSRKRYGRSVIDADGTSQTIIVWYSATAEQSAEGY\*GATAFVATHSLGH\*AAPGKNPGCGKIPTGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*IL\*\*DLGEHDLDGVGKRN\*QAHRHNIQLN\*KVAKPAGKE\*TRLIGMGQVGKPMELV\*HIKLAVVYKNIHNDSRRLGRFKNIFYCTFHSK\*S\*AGIFTNIVPDPPPSTEGTRQARRNRRRRWRERQRHIRRI

>B.2008.KY658697.-

MEPVDPNLEPWKHPGSQPRTPCTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAHPDSQIHQVPLPKQ\*VVHVMQPLEISAIVGLVVAIIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHLAPWDIDDL\*CYRTIVGHSLLWGTCVERSRHHFILCIRC\*SI\*TRGT\*CLGHTCLCTHRPQPTRTSIGKCDRKF\*HVEK\*HGRTDA\*GYNKSMGSKPKAMRKINPTLCYLNLH\*FEEWY\*YH\*WYQNRGKRRNGKLLFQCHHKHKR\*GAERTCNFL\*A\*CRTND\*E\*\*YQL\*VNKL\*HLRD\*TGLSKGIL\*ANSHTLLCPGWFCDSKV\*E\*EFHWNGTMYKCQHSTMYTWY\*ASSINSTAIKWQSSRRRGSN\*I\*QFHKQC\*NHNSTVE\*ICSN\*LYKSQQQYKKKYTYGTRGSMAYNREYNRRYKKSTL\*P\*\*RSMEEHFKTNSYKIRRTIWEY\*QNNLQPILRRGHRNCNAQF\*LWRGIFLL\*YITPV\*\*YLGT\*\*\*YLEPY\*RVK\*HWRKYHTPMQNKTIRKTVAGSRESNVCPSHQRTN\*MFIKYYRTVINKRWW\*\*\*\*\*\*NKHD\*NLQTCRRRYEG\*LEK\*II\*I\*SSEN\*TNRSSTHQGKEKSGAERKKSGTRSLVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFVEGY\*CATASAATHSLGHQAAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGWDLEHDLDGVGKRN\*\*LHRLDIQIN\*RIAKPAGKE\*TRIVGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAFYSEKS\*AGVLTNIISDPPPNPEGTRQARRNRRRRWRQRQRQIRSL

>B.2011.KY658702.-

MEPVDPKLEPWKHPGSQPKTACTKCFCKRCCYHCQACFLTKGLGISYGRKKRRQRRRTSEDSQTRQGSLPKQ\*VVYVMQSVQISAIVALVVGVIIAIVVWIIVFIEYKRLRRQKKIDRLIDRIRERAEDSGNESDGDEEALSELLEMGHLAPWDVNDL\*YCRRFVGHSLLWGTCVEGSKNHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPSRVRISKCDRRF\*HVEK\*HGRSDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*LECHCC\*EYYL\*\*K\*\*LNNRRWRSKKLLFQYYHKHKR\*GAERLCTFL\*T\*CSTNR\*DQ\*\*E\*\*\*\*L\*IDKL\*YLSHYPGLSKSIL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWNRAM\*KCQHSTMYTWN\*ASSVNSVVVKWQSSRRGNN\*I\*ESHRQC\*NHNSTAEGTCKYYLYKTRQQYKKECTYRTRKSILCNRRNNRRYKTSTLQSE\*NKMGEHFKTDS\*KIRRKI\*\*NNSL\*SILRRRPRNCISHV\*LWRGIFLL\*YNTIV\*\*YLE\*YYLE\*\*\*YCK\*K\*YNHHTAM\*NKTNHKHVAGSRKSNVCSSHQGKYYMYVKYYRSIINKRWWQYK\*GKQH\*DLQTRRRRYEGQLEK\*II\*I\*GSKN\*TIRYSTHQGKKKSGAERKKSSGNTGSSVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSATAEQFAESY\*GATAYVAAHGLGHQTAPGESPSCRKIPRRSAAPRDLGLLWKTHLHH\*CALEY\*LE\*\*NS\*SDLGQPDLDAVGKRNSKLHRHNIHLT\*KGTEPARNK\*KRIIRIG\*VGKFVELV\*YIKMAVVYKNIHNDSRRLGRFKNSFSCNFYSEQS\*AGIFTIIISDPPPNPGGTRQARRNRRRRWRERQRQIQSV

>B.2010.KY658703.-

MEPVDPRLEPWKHPGSQPRTSCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSQTHQVPLSKQ\*VVHVMQPLIIAIVALVVAIIIAIVVWAIVIIEYRKILKQKKIDSLLDRIRERAEDSGNESEGDQEEVAALMEMGHHAPWNVDDL\*SYRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGYTCLCTHRPQSTRSSITKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPTAMCKINPTLCYFKLH\*CKEQYWEWYCDQ\*DKYH\*\*YVGRNEKLLFQYPHERKTWLAERICTFL\*A\*CSTNK\*DR\*\*\*L\*\*L\*VNTL\*YLSHYTGLSKGIL\*ANSYTLLCPSWFCDSKV\*\*\*KVQWDRTMWQCQHSTMHTWN\*ASSVNPTAVKWQFSRRRGGS\*I\*KFHGQC\*NHNSTSK\*ICKNRLYKTQQQYKKKCTYRARESMVCNRRNNRKYKRSTL\*P\*\*KRLEGDFKMGKWKIKRTICE\*NNSLQPILRRGPRNCNAQFQLWRRIFLL\*FNTTV\*WYLE\*Y\*QWRK\*\*YNHTPLQNKTNYKHVAKNRQSNVCPSH\*RTN\*LFIKYYRTAINKRWW\*YQ\*EQH\*DLQTSRRRYQGQLEK\*IIQI\*SNKN\*TSRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIVVWYSATAKQFAEGY\*GATASVAAHGLGSQTAPGKTPSCGKIPRGSTAPRDLGLLWKTHLHHYCALEH\*LE\*\*ISELYLGKYDLDGVGKRN\*\*LHRHNIQSTGRIAKPARKE\*TRIISIG\*VGKFVELV\*HNKMAVVYKIIHNDSRRLSRFKNSLCYTFYSE\*S\*AGILTIIVSDPPPSPKGTRQARRNRRRRWRERNRQIQSI

>B.2015.KY748362.chronic

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLALWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNCHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRGIIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYT\*KDKYRARESMVCYKKYNRKYKTSTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSV\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRYEGQLEK\*II\*I\*GSNN\*AIRNSTHQGKEKSGAKRKKSSGNIGSYVPRVLGNSRKHYGRSVHNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NAG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748363.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLALWDIEDL\*CCRPTRTIMGHSLLWGTCVERSNCHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRGIIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*XXYS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYT\*KDKYRTRESMVCYKKYNRKYKTSTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSV\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MFIEYYRAITNKRWW\*\*QW\*RNNRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRSSTHQGKEKSGAKRKKSSGNIGSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NAG\*DLE\*HDLDAVGKGN\*QLHRIDI\*LN\*TIAEPARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748364.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLALWDIEDL\*CXRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CLGHTCLCTHKPQPTRGIIEKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*XXGK\*Y\*NQ\*Y\*YHYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYT\*KDKYRTRESMVCYKKYNRRYKTGTL\*H\*\*SKME\*HLKSNSQKIKRTIWGK\*NNSL\*SLLRRGPRNCNAQF\*LWRGILLL\*FNTTVS\*YLE\*YFQWHLGS\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MFIEYYRAVTNKRWW\*\*QW\*RDNRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGNIGSYVPRVLGNSRKHYGRSVSDADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NAG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748365.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLALWDIEDL\*CXRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CLGHTCLCTHKPQPTRGIIEKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKLKAMCKINPTLCYFRLH\*XXGK\*Y\*NQ\*Y\*YHYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYT\*KDKYRTRESMVCYKKYNRRYKTGTL\*H\*\*SKME\*HLKSNSQKIKRTIWGK\*NNSL\*SLLRRGPRNCNAQF\*LWRGILLL\*FNTTVS\*YLE\*YFQWHLGS\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MFIEYYRAVTNKRWW\*\*QW\*RDNRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGNIGSYVPRVLGNSRKHYGRSVSDADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NAG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748366.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLALWDIEDL\*CXRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CLGHTCLCTHKPQPTRGIIEKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*XXGK\*Y\*NQ\*Y\*YHYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYT\*KDKYRTRESMVCYKKYNRRYKTGTL\*H\*\*SKME\*HLKSNSQKIKRTIWGK\*NNSL\*SLLRRGPRNCNAQF\*LWRGILLL\*FNTTVS\*YLE\*YFQWHLGS\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MFIEYYRAVTNKRWW\*\*QW\*RDNRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGNIGSYVPRVLGNSRKHYGRSVSDADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCXXXC\*LE\*\*NAG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748367.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLALWDIEDL\*CXRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CLGHTCLCTHKPQPTRGIIEKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*XXGK\*Y\*NQ\*Y\*YHYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYT\*KDKYRTRESMVCYKKYNRRYKTGTL\*H\*\*SKME\*HLKSNSQKIKRTIWGK\*NNSL\*SLLRRGPRNCNAQF\*LWRGILLL\*FNTTVS\*YLE\*YFQWHLGS\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MFIEYYRAVTNKRWW\*\*QW\*RDNRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGNIGSYVPRVLGNSRKHYGRSVSDADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NAG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748368.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLALWDIEDL\*CXRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CLGHTCLCTHKPQPTRGIIEKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*XXGK\*Y\*NQ\*Y\*YHYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYT\*KDKYRTRESMVCYKKYNRRYKTGTL\*H\*\*SKME\*HLKSNSQKIKRTIWGK\*NNSL\*SLLRRGPRNCNAQF\*LWRGILLL\*FNTTVS\*YLE\*YFQWHLGS\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MFIEYYRAVTNKRWW\*\*QW\*RDNRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGNIGSYVPRVLGNSRKHYGRSVSDADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NAG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748369.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLALWDIEDL\*CXRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CLGHTCLCTHKPQPTRGIIEKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*XXGK\*Y\*NQ\*Y\*YHYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYT\*KDKYRTRESMVCYKKYNRRYKTGTL\*H\*\*SKME\*HLKSNSQKIKRTIWGK\*NNSL\*SLLRRGPRNCNAQF\*LWRGILLL\*FNTTVS\*YLE\*YFQWHLGS\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MFIEYYRAVTNKRWW\*\*QW\*RDNRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGNIGSYVPRVLGNSRKHYGRSVSDADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NAG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748370.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLALWDIEDL\*CXRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CLGHTCLCTHKPQPTRGIIEKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*XXGK\*Y\*NQ\*Y\*YHYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYT\*KDKYRTRESMVCYKKYNRRYKTGTL\*H\*\*SKME\*HLKSNSQKIKRTIWGK\*NNSL\*SLLRRGPRNCNAQF\*LWRGILLL\*FNTTVS\*YLE\*YFQWHLGS\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MFIEYYRAVTNKRWW\*\*QW\*RDNRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGNIGSYVPRVLGNSRKHYGRSVSDADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NAG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748371.chronic

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>B.2015.KY748372.chronic

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>B.2015.KY748373.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLALWDIEDL\*CXRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CLGHTCLCTHKPQPTRGIIEKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*XXGK\*Y\*NQ\*Y\*YHYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYT\*KDKYRTRESMVCYKKYNRRYKTGTL\*H\*\*SKME\*HLKSNSQKIKRTIWGK\*NNSL\*SLLRRGPRNCNAQF\*LWRGILLL\*FNTTVS\*YLE\*YFQWHLGS\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MFIEYYRAVTNKRWW\*\*QW\*RDNRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGNIGSYVPRVLGNSRKHYGRSVSDADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NAG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748374.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLALWDIEDL\*CXRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CLGHTCLCTHKPQPTRGIIEKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*XXGK\*Y\*NQ\*Y\*YHYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYT\*KDKYRTRESMVCYKKYNRRYKTGTL\*H\*\*SKME\*HLKSNSQKIKRTIWGK\*NNSL\*SLLRRGPRNCNAQF\*LWRGILLL\*FNTTVS\*YLE\*YFQWHLGS\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MFIEYYRAVTNKRWW\*\*QW\*RDNRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGNIGSYVPRVLGNSRKHYGRSVSDADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NAG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748375.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLALWDIEDL\*CXRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CLGHTCLCTHKPQPTRGIIEKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*XXGK\*Y\*NQ\*Y\*YHYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYT\*KDKYRTRESMVCYKKYNRRYKTGTL\*H\*\*SKME\*HLKSNSQKIKRTIWGK\*NNSL\*SLLRRGPRNCNAQF\*LWRGILLL\*FNTTVS\*YLE\*YFQWHLGS\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MFIEYYRAVTNKRWW\*\*QW\*RDNRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGNIGSYVPRVLGNSRKHYGRSVSDADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NAG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748376.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLALWDIEDL\*CRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CLGHTCLCTHKPQPTRGIIEKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*CGK\*Y\*NQ\*Y\*YHYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYT\*KDKYRTRESMVCYKKYNRRYKTGTL\*H\*\*SKME\*HLKSNSQKIKRTIWGK\*NNSL\*SLLRRGPRNCNAQF\*LWRGILLL\*FNTTVS\*YLE\*YFQWHLGS\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MFIEYYRAVTNKRWW\*\*QW\*RDNRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGNIGSYVPRVLGNSRKHYGRSVSDADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NAG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748377.chronic

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>B.2015.KY748378.chronic

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>B.2015.KY748379.chronic

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>B.2015.KY748380.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLALWDIEDL\*CRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CLGHTCLCTHKPQPTRGIIEKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*CGK\*Y\*NQ\*Y\*YHYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYT\*KDKYRTRESMVCYKKYNRRYKTGTL\*H\*\*SKME\*HLKSNSQKIKRTIWGK\*NNSL\*SLLRRGPRNCNAQF\*LWRGILLL\*FNTTVS\*YLE\*YFQWHLGS\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MFIEYYRAVTNKRWW\*\*QW\*RDNRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGNIGSYVPRVLGNSRKHYGRSVSDADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NAG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPARKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748381.chronic

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>B.2015.KY748382.chronic

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>B.2015.KY748383.chronic

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>B.2015.KY748384.chronic

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>B.2015.KY748385.chronic

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>B.2015.KY748386.chronic

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>B.2015.KY748387.chronic

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>B.2015.KY748388.chronic

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>B.2015.KY748389.chronic

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>B.2015.KY748390.chronic

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>B.2015.KY748391.chronic

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>B.2015.KY748392.chronic

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>B.2015.KY748393.chronic

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>B.2015.KY748394.chronic

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>B.2015.KY748395.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748396.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748397.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMPPLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLALWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNCHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRGIIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*YSYHXSYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQR\*NHNSTAKRLCRN\*LYKTQQQYT\*KDKYRTRESMVCYKKYNRKYKTSTL\*H\*\*SKME\*HLKSNSQKIKRTIWGK\*NNSL\*SLLRRGPRNCNAQF\*LWRGILLL\*FNTTV\*\*YLE\*YFE\*YLGG\*\*G\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRSSTHQGKEKSGAERKKSSGNIGSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIRQMGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748398.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748399.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748400.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748401.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748402.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748403.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748404.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748405.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748406.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748407.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748408.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRRW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748409.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748410.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748411.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748412.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748413.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKXVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748414.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748415.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748416.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748417.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.KY748418.chronic

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAPQDNQTHQTSLPKQ\*VVHVMQSLTILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDKLLSRIAERAEDSGNESDGDQEELSTLVDMGHLAPWDIEDL\*CCRPTRAIMGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGA\*CVGHTCLCTHRPQTTRGSIGKCDRKL\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCGK\*Y\*SQ\*Y\*YHYYYYSHYG\*RRNKKLLFQYHHKHKR\*DAERICTVL\*TRFSTNGGRYS\*\*\*\*YS\*L\*ADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSEM\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFLEQC\*NHNSTAKRLCRN\*LYKTQQQYK\*KYTYRTRESMVCYRKYNRKYKTGTL\*H\*\*SKME\*HLKTNSRQIKRTIWGK\*NNSL\*SLLRRGPRNCNAHF\*LWRGILLL\*FNTTV\*\*YLE\*YFEYYLGG\*\*D\*HYHTPMQNKTNYKHVAGSRKSNVCPSHPRKN\*MLIEYYRAVTNKRWW\*\*QW\*RNNRNLQTWRRRHEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAKRKKSSGSIWSYVPRVLGNSRKHYGRSVNNADGTGQTIIIWYSATAKQFAESY\*GATASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHYCALEC\*LE\*\*NTG\*DLE\*HDLDAVGKGN\*QLHRIDIQLN\*TIAEPTRKE\*TRVIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFYCTFYNK\*S\*AGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2013.KY748419.chronic

MDPVDPRLEPWKHPGSQPATACTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQVVSIVALVVASIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNEGDQEELSALVEMGHDAPWDIVDL\*CCRKIVGHSLLWGTCMERSSHHSILCIRC\*SI\*SRST\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HMEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLR\*CECY\*VGE\*YQYH\*\*YRGKIDGGRRNEKLLFQCHHRRKR\*DAESTCTFL\*S\*CSTNR\*E\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPCWFCDSKM\*Q\*DIQWKRTMHKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*KFL\*QC\*NHNSTAEQICKN\*LYKTQ\*QYKTKYTYRTRTSILCNRRHNRRYKTSIL\*P\*\*SRLEEHFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCDAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYH\*KDK\*HYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRTTINKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TGIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748420.chronic

MDPVDPRLEPWKHPGSQPATACTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQVVSIVALVVASIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNEGDQEELSALVEMGHDAPWDIVDL\*CCRKIVGHSLLWGTCMERSSHHSILCIRC\*SI\*SRST\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HMEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLR\*CECY\*VGE\*YQYH\*\*YRGKIDGGRRNEKLLFQCHHRRKR\*DAESTCTFL\*S\*CSTNR\*E\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPCWFCDSKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*KFL\*QC\*NHNSTAEQICKN\*LYKTQ\*QYKTKYTYRTRTSILCNRRHNRRYKTSIL\*P\*\*SRLEEHFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCDAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYH\*KDK\*HYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRTTINKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TGIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748421.chronic

MDPVDPRLEPWKHPGSQPATACTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQVVSIVALVVASIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNEGDQEELSALVEMGHDAPWDIVDL\*CCRKIVGHSLLWGTCMERSSHHSILCIRC\*SI\*SRST\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HMEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLR\*CECY\*VGE\*YQYH\*\*YRGKIDGGRRNEKLLFQCHHRRKR\*DAESTCTFL\*S\*CSTNR\*E\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPCWFCDSKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*KFL\*QC\*NHNSTAEQICKN\*LYKTQ\*QYKTKYTYRTRTSILCNRRHNRRYKTSIL\*P\*\*SRLEEHFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCDAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYH\*KDK\*HYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRTTINKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TGIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748422.chronic

MDPVDPRLEPWKHPGSQPATACTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQVVSIVALVVASIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNEGDQEELSALVEMGHDAPWDIVDL\*CCRKIVGHSLLWGTCMERSSHHSILCIRC\*SI\*SRST\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HMEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLR\*CECY\*VGE\*YQYH\*\*YRGKIDGGRRNEKLLFQCHHRRKR\*DAESTCTFL\*S\*CSTNR\*E\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPCWFCDSKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*KFL\*QC\*NHNSTAEQICKN\*LYKTQ\*QYKTKYTYRTRTSILCNRRHNRRYKTSIL\*P\*\*SRLEEHFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCDAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYH\*KDK\*HYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRTTINKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TGIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748423.chronic

MDPVDPRLEPWKHPGSQPATACTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQVVSIVALVVASIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNEGDQEELSALVEMGHDAPWDIVDL\*CCRKIVGHSLLWGTCMERSSHHSILCIRC\*SI\*SRST\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HMEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLR\*CECY\*VGE\*YQYH\*\*YRGKIDGGRRNEKLLFQCHHRRKR\*DAESTCTFL\*S\*CSTNR\*E\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPCWFCDSKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*KFL\*QC\*NHNSTAEQICKN\*LYKTQ\*QYKTKYTYRTRTSILCNRRHNRRYKTSIL\*P\*\*SRLEEHFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCDAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYH\*KDK\*HYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRTTINKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TGIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748424.chronic

MDPVDPRLEPWKHPGSQPATACTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQVVSIVALVVASIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNEGDQEELSALVEMGHDAPWDIVDL\*CCRKIVGHSLLWGTCMERSSHHSILCIRC\*SI\*SRST\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HMEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLR\*CECY\*VGE\*YQYH\*\*YRGKIDGGRRNEKLLFQCHHRRKR\*DAESTCTFL\*S\*CSTNR\*E\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPCWFCDSKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*KFL\*QC\*NHNSTAEQICKN\*LYKTQ\*QYKTKYTYRTRTSILCNRRHNRRYKTSIL\*P\*\*SRLEEHFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCDAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYH\*KDK\*HYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRTTINKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TGIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748425.chronic

MDPVDPRLEPWKHPGSQPATACTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQVVSIVALVVASIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNEGDQEELSALVEMGHDAPWDIVDL\*CCRKIVGHSLLWGTCMERSSHHSILCIRC\*SI\*SRST\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HMEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLR\*CECY\*VGE\*YQYH\*\*YRGKIDGGRRNEKLLFQCHHRRKR\*DAESTCTFL\*S\*CSTNR\*E\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPCWFCDSKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*KFL\*QC\*NHNSTAEQICKN\*LYKTQ\*QYKTKYTYRTRTSILCNRRHNRRYKTSIL\*P\*\*SRLEEHFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCDAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYH\*KDK\*HYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRTTINKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TGIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748426.chronic

MEPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQGSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVALIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHGPQPTRSRIEECDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*FGEWYHYH\*\*YLGRRNEKLLFQCHHRNKRQDKESTCTFL\*S\*CSTNR\*\*\*CQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFLRQC\*NHNSTAEQICRN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFKSDSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYY\*RDK\*NWRSYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QDHRHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISE\*YLG\*HDLDGVG\*RN\*QLHKLNIRPN\*KIAEPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748427.chronic

MEPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQGSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVALIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHGPQPTRSRIEECDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*FGEWYHYH\*\*YLGRRNEKLLFQCHHRNKRQDKESTCTFL\*S\*CSTNR\*\*\*CQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFLRQC\*NHNSTAEQICRN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFKSDSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYY\*RDK\*NWRSYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QDHRHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISE\*YLG\*HDLDGVG\*RN\*QLHKLNIRPN\*KIAEPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQAQRNRRRRWRERQRQIRWI

>B.2013.KY748428.chronic

MEPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQGSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVALIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHGPQPTRSRIEECDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*FGEWYHYH\*\*YLGRRNEKLLFQCHHRNKRQDKESTCTFL\*S\*CSTNR\*\*\*CQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFLRQC\*NHNSTAEQICRN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFKSDSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*L\*RGIFLL\*FNKTV\*\*HLE\*YLGCEYY\*RDK\*NWRSYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QDHRHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISE\*YLG\*HDLDGVG\*RN\*QLHKLNIRPN\*KIAEPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748429.chronic

MEPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQGSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVALIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHGPQPTRSRIEECDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*FGEWYHYH\*\*YLGRRNEKLLFQCHHRNKRQDKESTCTFL\*S\*CSTNR\*\*\*CQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFLRQC\*NHNSTAEQICRN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFKSDSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*L\*RGIFLL\*FNKTV\*\*HLE\*YLGCEYY\*RDK\*NWRSYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QDHRHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISE\*YLG\*HDLDGVG\*RN\*QLHKLNIRPN\*KIAEPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748430.chronic

MEPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGIFYGRKKRRQRRRASQGSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVALIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHGPQPTRSRIEECDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*FGEWYHYH\*\*YLGRRNEKLLFQCHHRNKRQDKESTCTFL\*S\*CSTNR\*\*\*CQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFLRQC\*NHNSTAEQICRN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFKSDSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYY\*RDK\*NWRSYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QDHRHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISE\*YLG\*HDLDGVG\*RN\*QLHKLNIRPN\*KIAEPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748431.chronic

MEPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQGSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVALIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHGPQPTRSRIEECDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*FGEWYHYH\*\*YLGRRNEKLLFQCHHRNKRQDKESTCTFL\*S\*CSTNR\*\*\*CQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFLRQC\*NHNSTAEQICRN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFKSDSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYY\*RDK\*NWRSYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QDHRHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISE\*YLG\*HDLDGVG\*RN\*QLHKLNIRPN\*KIAEPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748432.chronic

MEPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQGSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVALIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHGPQPTRSRIEECDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*FGEWYHYH\*\*YLGRRNEKLLFQCHHRNKRQDKESTCTFL\*S\*CSTNR\*\*\*CQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFLRQC\*NHNSTAEQICRN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFKSDSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYY\*RDK\*NWRSYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QDHRHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISE\*YLG\*HDLDGVG\*RN\*QLHKLNIRPN\*KIAEPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748433.chronic

MEPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQGSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVALIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHGPQPTRSRIEECDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*FGEWYHYH\*\*YLGRRNEKLLFQCHHRNKRQDKESTCTFL\*S\*CSTNR\*\*\*CQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFLRQC\*NHNSTAEQICRN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFKSDSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYY\*RDK\*NWRSYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QDHRHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISE\*YLG\*HDLDGVG\*RN\*QLHKLNIRPN\*KIAEPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748434.chronic

MEPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQGSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVALIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHGPQPTRSRIEECDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*FGEWYHYH\*\*YLGRRNEKLLFQCHHRNKRQDKESTCTFL\*S\*CSTNR\*\*\*CQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFLRQC\*NHNSTAEQICRN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFKSDSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYY\*RDK\*NWRSYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QDHRHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISE\*YLG\*HDLDGVG\*RN\*QLHKLNIRPN\*KIAEPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748435.chronic

MEPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQGSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVALIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHGPQPTRSRIEECDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*FGEWYHYH\*\*YLGRRNEKLLFQCHHRNKRQDKESTCTFL\*S\*CSTNR\*\*\*CQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFLRQC\*NHNSTAEQICRN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFKSDSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYY\*RDK\*NWRSYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QDHRHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISE\*YLG\*HDLDGVG\*RN\*QLHKLNIRPN\*KIAEPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748436.chronic

MEPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQGSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVALIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHGPQPTRSRIEECDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*FGEWYHYH\*\*YLGRRNEKLLFQCHHRNKRQDKESTCTFL\*S\*CSTNR\*\*\*CQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFLRQC\*NHNSTAEQICRN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFKSDSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYY\*RDK\*NWRSYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QDHRHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISE\*YLG\*HDLDGVG\*RN\*QLHKLNIRPN\*KIAEPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748437.chronic

MEPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQGSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVALIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHGPQPTRSRIEECDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*FGEWYHYH\*\*YLGRRNEKLLFQCHHRNKRQDKESTCTFL\*S\*CSTNR\*\*\*CQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKM\*Q\*DVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFLRQC\*NHNSTAEQICRN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFKSDSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYY\*RDK\*NWRSYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QDHRHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISE\*YLG\*HDLDGVG\*RN\*QLHKLNIRPN\*KIAEPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748438.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIVDL\*CCRRLVGHSLLWGTCVERSSHHSILCIRCKSI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*FRE\*YQYH\*QYRGRNDGGRRNEKLLFQCHHKYTR\*DKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGRFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFRADSYKIKRTIWK\*NNSL\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*\*WDGEHY\*RDK\*HRRRYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QRDQ\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISGLYLEKHDLDGVG\*RN\*QLHKLNIRPT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748439.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIVDL\*CCRRLVGHSLLWGTCVERSSHHSILCIRCKSI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*FRE\*YQYH\*QYRGRNDGGRRNEKLLFQCHHKYTR\*DKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGRFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFRADSYKIKRTIWK\*NNSL\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*\*WDGEHY\*RDK\*HRRRYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QRDQ\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISGLYLEKHDLDGVG\*RN\*QLHKLNIRPT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748440.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIVDL\*CCRRLVGHSLLWGTCVERSSHHSILCIRCKSI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*FRE\*YQYH\*QYRGRNDGGRRNEKLLFQCHHKYTR\*DKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGRFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFRADSYKIKRTIWK\*NNSL\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*\*WDGEHY\*RDK\*HRRRYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QRDQ\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISGLYLEKHDLDGVG\*RN\*QLHKLNIRPT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748441.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIVDL\*CCRRLVGHSLLWGTCVERSSHHSILCIRCKSI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*FRE\*YQYH\*QYRGRNDGGRRNEKLLFQCHHKYTR\*DKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGRFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFRADSYKIKRTIWK\*NNSL\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*\*WDGEHY\*RDK\*HRRRYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QRDQ\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISGLYLEKHDLDGVG\*RN\*QLHKLNIRPT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748442.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIVDL\*CCRRLVGHSLLWGTCVERSSHHSILCIRCKSI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*FRE\*YQYH\*QYRGRNDGGRRNEKLLFQCHHKYTR\*DKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGRFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFRADSYKIKRTIWK\*NNSL\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*\*WDGEHY\*RDK\*HRRRYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QRDQ\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISGLYLEKHDLDGVG\*RN\*QLHKLNIRPT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748443.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIVDL\*CCRRLVGHSLLWGTCVERSSHHSILCIRCKSI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*FRE\*YQYH\*QYRGRNDGGRRNEKLLFQCHHKYTR\*DKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGRFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFRADSYKIKRTIWK\*NNSL\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*\*WDGEHY\*RDK\*HRRRYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QRDQ\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISGLYLEKHDLDGVG\*RN\*QLHKLNIRPT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748444.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIVDL\*CCRRLVGHSLLWGTCVERSSHHSILCIRCKSI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*FRE\*YQYH\*QYRGRNDGGRRNEKLLFQCHHKYTR\*DKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGRFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFRADSYKIKRTIWK\*NNSL\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*\*WDGEHY\*RDK\*HRRRYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QRDQ\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISGLYLEKHDLDGVG\*RN\*QLHKLNIRPT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748445.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIVDL\*CCRRLVGHSLLWGTCVERSSHHSILCIRCKSI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*FRE\*YQYH\*QYRGRNDGGRRNEKLLFQCHHKYTR\*DKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGRFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFRADSYKIKRTIWK\*NNSL\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*\*WDGEHY\*RDK\*HRRRYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QRDQ\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISGLYLEKHDLDGVG\*RN\*QLHKLNIRPT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748446.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIVDL\*CCRRLVGHSLLWGTCVERSSHHSILCIRCKSI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*FRE\*YQYH\*QYRGRNDGGRRNEKLLFQCHHKYTR\*DKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGRFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFRADSYKIKRTIWK\*NNSL\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*\*WDGEHY\*RDK\*HRRRYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QRDQ\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISGLYLEKHDLDGVG\*RN\*QLHKLNIRPT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNNSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748447.chronic

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>B.2013.KY748448.chronic

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>B.2013.KY748449.chronic

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>B.2013.KY748450.chronic

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>B.2013.KY748451.chronic

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>B.2013.KY748452.chronic

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>B.2013.KY748453.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIVDL\*CCRRLVGHSLLWGTCVERSSHHSILCIRCKSI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*FRE\*YQYH\*QYRGRNDGGRRNEKLLFQCHHKYTR\*DKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGRFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFRADSYKIKRTIWK\*NNSL\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*\*WDGEHY\*RDK\*HRRRYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QRDQ\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISGLYLEKHDLDGVG\*RN\*QLHKLNIRPT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748454.chronic

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>B.2013.KY748455.chronic

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>B.2013.KY748456.chronic

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>B.2013.KY748457.chronic

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>B.2013.KY748458.chronic

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>B.2013.KY748459.chronic

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>B.2013.KY748460.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVTSIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIVDL\*CCRRLVGHSLLWGTCVERSSHHSILCIRCKSI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*FRE\*YQYH\*QYRGRNDGGRRNEKLLFQCHHKYTR\*DKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGRFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFRADSYKIKRTIWK\*NNSL\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*\*WDGEHY\*RDK\*HRRRYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QRDQ\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISGLYLEKHDLDGVG\*RN\*QLHKLNIRPT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748461.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIVDL\*CCRRLVGHSLLWGTCVERSSHHSILCIRCKSI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*FRE\*YQYH\*QYRGRNDGGRRNEKLLFQCHHKYTR\*DKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGRFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFRADSYKIKRTIWK\*NNSL\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*\*WDGEHY\*RDK\*HRRRYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QRDQ\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISGLYLEKHDLDGVG\*RN\*QLHKLNIRPT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748462.chronic

MDPVDPRLEPWKHPGSQPATACITCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIVDL\*CCRRLVGHSLLWGTCVERSSHHSILCIRCKSI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*FRE\*YQYH\*QYRGRNDGGRRNEKLLFQCHHKYTR\*DKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGRFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFRADSYKIKRTIWK\*NNSL\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*\*WDGEHY\*RDK\*HRRRYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QRDQ\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISGLYLEKHDLDGVG\*RN\*QLHKLNIRPT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748513.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKRCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTYLCTHRS\*PTRSSNRKCDRRI\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*IYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*SYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNKAV\*\*YLEWYGYNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCTFFSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2013.KY748514.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKRCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTYLCTHRS\*PTRSSNRKCDRRI\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*IYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*SYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNKAV\*\*YLEWYGYNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCTFFSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2013.KY748515.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKRCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTYLCTHRS\*PTRSSNRKCDRRI\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*IYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*SYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNKAV\*\*YLEWYGYNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCTFFSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2013.KY748516.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKRCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTYLCTHRS\*PTRSSNRKCDRRI\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*IYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*SYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNKAV\*\*YLEWYGYNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCTFFSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2013.KY748517.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKRCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTYLCTHRS\*PTRSSNRKCDRRI\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*IYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*SYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNKAV\*\*YLEWYGYNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCTFFSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2013.KY748518.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKRCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTYLCTHRS\*PTRSSNRKCDRRI\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*IYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*SYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNKAV\*\*YLEWYGYNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCTFFSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2013.KY748519.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKRCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTYLCTHRS\*PTRSSNRKCDRRI\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*IYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*SYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNKAV\*\*YLEWYGYNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCTFFSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2013.KY748520.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKRCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTYLCTHRS\*PTRSSNRKCDRRI\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*IYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*SYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNKAV\*\*YLEWYGYNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCTFFSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2013.KY748521.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKRCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTYLCTHRS\*PTRSSNRKCDRRI\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*IYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*SYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNKAV\*\*YLEWYGYNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCTFFSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2013.KY748522.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKRCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTYLCTHRS\*PTRSSNRKCDRRI\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*IYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*SYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNKAV\*\*YLEWYGYNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCTFFSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2013.KY748526.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKRCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYREILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTYLCTHRS\*PTRSSNRKCDRRI\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*IYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*SYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNKAV\*\*YLEWYGYNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCTFFSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2013.KY748527.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKRCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTYLCTHRS\*PTRSSNRKCDRRI\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*IYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*SYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNKAV\*\*YLEWYGYNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCTFFSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2013.KY748528.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKRCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTYLCTHRS\*PTRSSNRKCDRRI\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*IYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*SYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNKAV\*\*YLEWYGYNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCTFFSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2013.KY748529.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKRCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTYLCTHRS\*PTRSSNRKCDRRI\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*IYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*SYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNKAV\*\*YLEWYGYNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCTFFSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2013.KY748530.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKRCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTYLCTHRS\*PTRSSNRKCDRRI\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*IYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*SYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNKAV\*\*YLEWYGYNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYGGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCTFFSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2013.KY748531.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKRCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTYLCTHRS\*PTRSSNRKCDRRI\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*IYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*SYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNKAV\*\*YLEWYGYNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCTFFSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRKWRERQRQIRSI

>B.2013.KY748539.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKKCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTFLCTHRS\*PTRNSNRKCDRRV\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*LYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*NYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNNSV\*\*YLEWYGSNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEKRII\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCIFYSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2013.KY748540.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKKCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTFLCTHRS\*PTRNSNRKCDRRV\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*LYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*NYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNNSV\*\*YLEWYGSNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEKRII\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCIFYSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2013.KY748541.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKKCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTFLCTHRS\*PTRNSNRKCDRRV\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*LYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*NYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNNSV\*\*YLEWYGSNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEKRII\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCIFYSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2013.KY748542.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKKCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTFLCTHRS\*PTRNSNRKCDRRV\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*LYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*NYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNNSV\*\*YLEWYGSNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEKRII\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCIFYSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2013.KY748543.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKKCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTFLCTHRS\*PTRNSNRKCDRRV\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*LYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*NYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNGRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNNSV\*\*YLEWYGSNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEKRII\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCIFYSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2013.KY748544.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKKCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTFLCTHRS\*PTRNSNRKCDRRV\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*LYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*NYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNNSV\*\*YLEWYGSNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEKRII\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCIFYSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2013.KY748545.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKKCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEKLSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTFLCTHRS\*PTRNSNRKCDRRV\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKKWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*LYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*NYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNNSV\*\*YLEWYGSNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRKYEGQLEKRII\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKK\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCIFYSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2013.KY748546.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKKCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTFLCTHRS\*PTRNSNRKCDRRV\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*LYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*NYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNNSV\*\*YLEWYGSNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEKRII\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCIFYSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2013.KY748547.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKKCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTFLCTHRS\*PTRNSNRKCDRRV\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*LYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*NYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNNSV\*\*YLEWYGSNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEKRII\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCIFYSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2013.KY748548.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKKCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTFLCTHRS\*PTRNSNRKCDRRV\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*LYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*NYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNNSV\*\*YLEWYGSNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEKRII\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRFIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCIFYSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2013.KY748549.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKKCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTFLCTHRS\*PTRNSNRKCDRRV\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*LYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*NYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNNSV\*\*YLEWYGSNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEKRII\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCIFYSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2013.KY748550.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKKCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTFLCTHRS\*PTRNSNRKCDRRV\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*LYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*NYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNNSV\*\*YLEWYGSNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEKRII\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCIFYSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2013.KY748551.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKKCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTFLCTHRS\*PTRNSNRKCDRRV\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*LYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*NYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNNSV\*\*YLEWYGSNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEKRII\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCIFYSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2013.KY748552.chronic

MEPVDPSLEPWKHPGSQPKTACTRCFCKKCCYHCQICFITKGLGISYGRKKRRQRRRAPQDSQADQAHLSKQ\*VYVMLPLQIAAIVSLVIVAILAIAVWSLVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHDAPWDVNDL\*CCRSIVGHSLLWGTCVERSKDHPILCIRC\*SI\*HRGT\*YLGNTFLCTHRS\*PTRNSNRKCDRRV\*HVEK\*HGRTDA\*GYKRFMGSKPKAMCKVDPTLCCLKLHG\*FDYCQWYKEWYVGRHEKLLFQYHLKNRK\*VAERICTFL\*T\*FSTNR\*\*EKQ\*LYKQYKL\*VDKL\*YLSHYTSMSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*RIQWKRTMY\*CQHSTMYTWN\*TSSVNSIAVKWQSSKRRGSN\*I\*KFYRQY\*NHNSTAE\*NYTN\*LYKTRQQYKKKYNDGTRESNVCNRRHNRRYKTSTL\*H\*WNTMG\*SFKKDSYKIKRRIWEWYNSL\*SILRRGPRNCNAYF\*LWRGIFLL\*HNNSV\*\*YLEWYGSNK\*HCRKQYTYTPMQNKTNYK\*VAGSRKSNICPSHQGTN\*M\*IKYYRVAINKRWWSRRE\*DHLQTWRRRYEGQLEKRII\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGHRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSAAPRALGLLWKTHLHHCCALEC\*LE\*\*KSDSNLGEHDLDAVGERN\*QLHRHNIQLN\*KIANPTRKE\*RRIIGIG\*VGQFVELV\*HIKLAVVYKNIHNDSRRLNRFKNNFYCIFYSE\*S\*AGILTIIIPDPLPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2013.KY748576.chronic

MDPVDPRLEPWKHPGSQPATACTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQVVSIVALVVASIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNEGDQEELSALVEMGHDAPWDIVDL\*CCRKIVGHSLLWGTCMERSSHHSILCIRC\*SI\*SRST\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HMEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLR\*CECY\*VGE\*YQYH\*\*YRGKIDGGRRNEKLLFQCHHRRKR\*DAESTCTFL\*S\*CSTNR\*E\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPCWFCDSKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*KFL\*QC\*NHNSTAEQICKN\*LYKTQ\*QYKTKYTYRTRTSILCNRRHNRRYKTSIL\*P\*\*SRLEEHFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCDAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYH\*KDK\*HYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRTTINKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TGIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748577.chronic

MDPVDPRLEPWKHPGSQPATACTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQVASIVALVVASIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNEGDQEELSALVEMGHDAPWDIVDL\*CCRKIVGHSLLWGTCMERSSHHSILCIRC\*SI\*SRST\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HMEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLR\*CECY\*VGE\*YQYH\*\*YRGKIDGGRRNEKLLFQCHHRRKR\*DAESTCTFL\*S\*CSTNR\*E\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPCWFCDSKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*KFL\*QC\*NHNSTAEQICKN\*LYKTQ\*QYKTKYTYRTRTSILCNRRHNRRYKTSIL\*P\*\*SRLEEHFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCDAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYH\*KDK\*HYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRTTINKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TGIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748578.chronic

MDPVDPRLEPWKHPGSQPATACTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQVVSIVALVVASIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNEGDQEELSALVEMGHDAPWDIVDL\*CCRKIVGHSLLWGTCMERSSHHSILCIRC\*SI\*SRST\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HMEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLR\*CECY\*VGE\*YQYH\*\*YRGKIDGGRRNEKLLFQCHHRRKR\*DAESTCTFL\*S\*CSTNR\*E\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPCWFCDSKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*KFL\*QC\*NHNSTAEQICKN\*LYKTQ\*QYKTKYTYRTRTSILCNRRHNRRYKTSIL\*P\*\*SRLEEHFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCDAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYH\*KDK\*HYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRTTINKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TGIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748579.chronic

MDPVDPRLEPWKHPGSQPATACTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQVVSIVALVVASIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNEGDQEELSALVEMGHDAPWDIVDL\*CCRKIVGHSLLWGTCMERSSHHSILCIRC\*SI\*SRST\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HMEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLR\*CECY\*VGE\*YQYH\*\*YRGKIDGGRRNEKLLFQCHHRRKR\*DAESTCTFL\*S\*CSTNR\*E\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPCWFCDSKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*KFL\*QC\*NHNSTAEQICKN\*LYKTQ\*QYKTKYTYRTRTSILCNRRHNRRYKTSIL\*P\*\*SRLEEHFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCDAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYH\*KDK\*HYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRTTINKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TGIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748580.chronic

MDPVDPRLEPWKHPGSQPATACTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQVVSIVALVVASIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNEGDQEELSALVEMGHDAPWDIVDL\*CCRKIVGHSLLWGTCMERSSHHSILCIRC\*SI\*SRST\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HMEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLR\*CECY\*VGE\*YQYH\*\*YRGKIDGGRRNEKLLFQCHHRRKR\*DAESTCTFL\*S\*CSTNR\*E\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPCWFCDSKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*KFL\*QC\*NHNSTAEQICKN\*LYKTQ\*QYKTKYTYRTRTSILCNRRHNRRYKTSIL\*P\*\*SRLEEHFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCDAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYH\*KDK\*HYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRTTINKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TGIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748581.chronic

MDPVDPRLEPWKHPGSQPATACTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQVVSIVALVVASIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNEGDQEELSALVEMGHDAPWDIVDL\*CCRKIVGHSLLWGTCMERSSHHSILCIRC\*SI\*SRST\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HMEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLR\*CECY\*VGE\*YQYH\*\*YRGKIDGGRRNEKLLFQCHHRRKR\*DAESTCTFL\*S\*CSTNR\*E\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPCWFCDSKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*KFL\*QC\*NHNSTAEQICKN\*LYKTQ\*QYKTKYTYRTRTSILCNRRHNRRYKTSIL\*P\*\*SRLEEHFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCDAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYH\*KDK\*HYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRTTINKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TGIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748582.chronic

MDPVDPRLEPWKHPGSQPATACTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQVVSIVALVVASIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNEGDQEELSALVEMGHDAPWDIVDL\*CCRKIVGHSLLWGTCMERSSHHSILCIRC\*SI\*SRST\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HMEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLR\*CECY\*VGE\*YQYH\*\*YRGKIDGGRRNEKLLFQCHHRRKR\*DAESTCTFL\*S\*CSTNR\*E\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPCWFCDSKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*KFL\*QC\*NHNSTAEQICKN\*LYKTQ\*QYKTKYTYRTRTSILCNRRHNRRYKTSIL\*P\*\*SRLEEHFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCDAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYH\*KDK\*HYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRTTINKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TGIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748583.chronic

MDPVDPRLEPWKHPGSQPATACTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQVVSIVALVVASIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNEGDQEELSALVEMGHDAPWDIVDL\*CCRKIVGHSLLWGTCMERSSHHSILCIRC\*SI\*SRST\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HMEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLR\*CECY\*VGE\*YQYH\*\*YRGKIDGGRRNEKLLFQCHHRRKR\*DAESTCTFL\*S\*CSTNR\*E\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPCWFCDSKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*KFL\*QC\*NHNSTAEQICKN\*LYKTQ\*QYKTKYTYRTRTSILCNRRHNRRYKTSIL\*P\*\*SRLEEHFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCDAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYH\*KDK\*HYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRTTINKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TGIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748584.chronic

MDPVDPRLEPWKHPGSQPATACTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQVVSIVALVVASIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNEGDQEELSALVEMGHDAPWDIVDL\*CCRKIVGHSLLWGTCMERSSHHSILCIRC\*SI\*SRST\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HMEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLR\*CECY\*VGE\*YQYH\*\*YRGKIDGGRRNEKLLFQCHHRRKR\*DAESTCTFL\*S\*CSTNR\*E\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPCWFCDSKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*KFL\*QC\*NHNSTAEQICKN\*LYKTQ\*QYKTKYTYRTRTSILCNRRHNRRYKTSIL\*P\*\*SRLEEHFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCDAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYH\*KDK\*HYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRTTINKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TGIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748585.chronic

MDPVDPRLEPWKHPGSQPATACTNCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQVVSIVALVVASIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNEGDQEELSALVEMGHDAPWDIVDL\*CCRKIVGHSLLWGTCMERSSHHSILCIRC\*SI\*SRST\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HMEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLR\*CECY\*VGE\*YQYH\*\*YRGKIDGGRRNEKLLFQCHHRRKR\*DAESTCTFL\*S\*CSTNR\*E\*Y\*L\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPCWFCDSKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*KFL\*QC\*NHNSTAEQICKN\*LYKTQ\*QYKTKYTYRTRTSILCNRRHNRRYKTSIL\*P\*\*SRLEEHFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCDAQF\*LWRGIFLL\*FNKTV\*\*HLE\*YLGCEYH\*KDK\*HYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LFIKHYRTTINKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TGIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748596.chronic

MDPVDPRLEPWRHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQIVSIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDIVDL\*CCRKIVGHSLLWGTCVERSSHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQPTRSKIGECDRKF\*RVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLY\*CEECY\*IGEWYLGGRNEKLLFQCHHRCKRQDKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWVCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRYSN\*I\*KFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRKHKTSTL\*P\*QRRLG\*HFKADSYKIKRTI\*K\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FDTTV\*\*HLE\*Y\*GCEYY\*RDK\*HRKKYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTVNKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPARTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748597.chronic

MDPVDPRLEPWRHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQIVSIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDIVDL\*CCRKIVGHSLLWGTCVERSSHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQPTRSKIGECDRKF\*RVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLY\*CEECY\*IGEWYLGGRNEKLLFQCHHRCKRQDKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWVCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRYSN\*I\*KFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRKHKTSTL\*P\*QRRLG\*HFKADSYKIKRTI\*K\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FDTTV\*\*HLE\*Y\*GCEYY\*RDK\*HRKKYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTVNKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPARTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748598.chronic

MDPVDPRLEPWRHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQIVSIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDIVDL\*CCRKIVGHSLLWGTCVERSSHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQPTRSKIGECDRKF\*RVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLY\*CEECY\*IGEWYLGGRNEKLLFQCHHRCKRQDKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWVCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRYSN\*I\*KFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRKHKTSTL\*P\*QRRLG\*HFKADSYKIKRTI\*K\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FDTTV\*\*HLE\*Y\*GCEYY\*RDK\*HRKKYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTVNKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPARTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748599.chronic

MDPVDPRLEPWRHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQIVSIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDIVDL\*CCRKIVGHSLLWGTCVERSSHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQPTRSKIGECDRKF\*RVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLY\*CEECY\*IGEWYLGGRNEKLLFQCHHRCKRQDKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWVCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRYSN\*I\*KFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRKHKTSTL\*P\*QRRLG\*HFKADSYKIKRTI\*K\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FDTTV\*\*HLE\*Y\*GCEYY\*RDK\*HRKKYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTVNKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPARTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748600.chronic

MDPVDPRLEPWRHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQIVSIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDIVDL\*CCRKIVGHSLLWGTCVERSSHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQPTRSKIGECDRKF\*RVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLY\*CEECY\*IGEWYLGGRNEKLLFQCHHRCKRQDKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWVCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRYSN\*I\*KFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRKHKTSTL\*P\*QRRLG\*HFKADSYKIKRTI\*K\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FDTTV\*\*HLE\*Y\*GCEYY\*RDK\*HRKKYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTVNKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPARTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748601.chronic

MDPVDPRLEPWRHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQIVSIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHDAPWDIVDL\*CCRKIVGHSLLWGTCVERSSHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQPTRSKIGECDRKF\*RVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLY\*CEECY\*IGEWYLGGRNEKLLFQCHHRCKRQDKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWVCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRYSN\*I\*KFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILYNRRHNRKHKTSTL\*P\*QRRLG\*HFKADSYKIKRTI\*K\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FDTTV\*\*HLE\*Y\*GCEYY\*RDK\*HRKKYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTVNKRWW\*WQRDH\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LEQ\*ISGLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPARTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748624.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGGHDAPWDIVDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQPTRGRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CEECY\*IGEWYLGGGNEKLLFQCHHRRKRQDKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*V\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRVG\*HFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNTTV\*\*HLEWYWGCEYY\*RDKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWYWQRDH\*HHRDLQTWGRRYERQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISRLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748625.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGGHDAPWDIVDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQPTRGRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CEECY\*IGEWYLGGGNEKLLFQCHHRRKRQDKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*V\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRVG\*HFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNTTV\*\*HLEWYWGCEYY\*RDKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWYWQRDH\*HHRDLQTWGRRYERQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISRLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748626.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGGHDAPWDIVDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQPTRGRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CEECY\*IGEWYLGGGNEKLLFQCHHRRKRQDKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*V\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRVG\*HFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNTTV\*\*HLEWYWGCEYY\*RDKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWYWQRDH\*HHRDLQTWGRRYERQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISRLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748627.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGGHDAPWDIVDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQPTRGRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CEECY\*IGEWYLGGGNEKLLFQCHHRRKRQDKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*V\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRVG\*HFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNTTV\*\*HLEWYWGCEYY\*RDKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWYWQRDH\*HHRDLQTWGRRYERQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISRLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748628.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGGHDAPWDIVDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQPTRGRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CEECY\*IGEWYLGGGNEKLLFQCHHRRKRQDKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*V\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRVG\*HFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNTTV\*\*HLEWYWGCEYY\*RDKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWYWQRDH\*HHRDLQTWGRRYERQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISRLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748629.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQIVAIVALVVASIIAIVVWSIVLIKYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGGHDAPWDIVDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQPTRGRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CEECY\*IGEWYLGGGNEKLLFQCHHRRKRQDKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*V\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRVG\*HFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNTTV\*\*HLEWYWGCEYY\*RDKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWYWQRDH\*HHRDLQTWGRRYERQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISRLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748630.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGGHDAPWDIVDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQPTRGRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CEECY\*IGEWYLGGGNEKLLFQCHHRRKRQDKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*V\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRVG\*HFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNTTV\*\*HLEWYWGCEYY\*RDKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWYWQRDH\*HHRDLQTWGRRYERQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISRLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748631.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGGHDAPWDIVDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQPTRGRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CEECY\*IGEWYLGGGNEKLLFQCHHRRKRQDKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ANSINSTAVKWQFSRRRCSN\*V\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRVG\*HFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNTTV\*\*HLEWYWGCEYY\*RDKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWYWQRDH\*HHRDLQTWGRRYERQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISRLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748632.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGGHDAPWDIVDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQPTRGRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CEECY\*IGEWYLGGGNEKLLFQCHHRRKRQDKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*V\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRVG\*HFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNTTV\*\*HLEWYWGCEYY\*RDKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWYWQRDH\*HHRDLQTWGRRYERQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISRLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748633.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMHSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGGHDAPWDIVDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQPTRGRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CEECY\*IGEWYLGGGNEKLLFQCHHRRKRQDKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*V\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRVG\*HFKAGSYKIKRTIWK\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*FNTTV\*\*HLEWYWGCEYY\*RDKYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWYWQRDH\*HHRDLQTWGRRYERQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISRLYLEKHDLDGVG\*RN\*QLHKLNI\*PT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748644.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIVDL\*CCRRLVGHSLLWGTCVERSSHHSILCIRCKSI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CKCY\*FRE\*YQYH\*QYRGRNDGGRRNEKLLFQCHHKYTR\*DKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGRFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFRADSYKIKRTIWK\*NNSL\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*\*WDGEHY\*RDK\*HRRRYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QRDQ\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISGLYLEKHDLDGVG\*RN\*QLHKLNIRPT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748645.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIVDL\*CCRRLVGHSLLWGTCVERSSHHSILCIRCKSI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*FRE\*YQYH\*QYRGRNDGGRRNEKLLFQCHHKYTR\*DKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGRFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFRADSYKIKRTIWK\*NNSL\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*\*WDGEHY\*RDK\*HRRRYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QRDQ\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISGLYLEKHDLDGVG\*RN\*QLHKLNIRPT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748646.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIVDL\*CCRRLVDHSLLWGTCVERSSHHSILCIRCKSI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*FRE\*YQYH\*QYRGRNDGGRRNEKLLFQCHHKYTR\*DKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGRFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFRADSYKIKRTIWK\*NNSL\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*\*WDGEHY\*RDK\*HRRRYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QRDQ\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISGLYLEKHDLDGVG\*RN\*QLHKLNIRPT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748647.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIVDL\*CCRRLVGHSLLWGTCVERSSHHSILCIRCKSI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*FRE\*YQYH\*QYRGRNDGGRRNEKLLFQCHHKYTR\*DKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGRFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFRADSYKIKRTIWK\*NNSL\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*\*WDGEHY\*RDK\*HRRRYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QRDQ\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISGLYLEKHDLDGVG\*RN\*QLHKLNIRPT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY748648.chronic

MDPVDPRLEPWKHPGSQPATACTTCYCKRCCLHCQVCFITKGLGISYGRKKRRQRRRASQDSETRQVSLSKQ\*VVHVMQSLQIVAIVALVVASIIAIVVWSIVLIEYRKILRQRKIDRLTDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIVDL\*CCRRLVGHSLLWGTCVERSSHHSILCIRCKSI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CECY\*FRE\*YQYH\*QYRGRNDGGRRNEKLLFQCHHKYTR\*DKESTCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGRFCDFKM\*Q\*DIQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQFSRRRCSN\*I\*QFL\*QC\*NHNSTAEQICSN\*LYKTQ\*QYKTKYTYRTRASILCNRRHNRRYKTSTL\*P\*\*SRLE\*HFRADSYKIKRTIWK\*NNSL\*PILRRGSRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLE\*\*WDGEHY\*RDK\*HRRRYHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MFIKHYRTTINKRWWY\*QRDQ\*HHRDLQTWRRRYEGQVEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGNSRKHYGRSGSDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKTPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEF\*LE\*\*ISGLYLEKHDLDGVG\*RN\*QLHKLNIRPT\*KIAKPTRTE\*TRIIGIRQMGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRWI

>B.2013.KY766150.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766151.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766152.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766155.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766156.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVYVMQPLVILAIIALIVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVDMGHLAPWDVNDL\*CYRKIMGHSLLWGTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*CECY\*\*\*\*\*CY\*E\*\*\*\*RNDRGRRTKKLLFQYHHKHKKKGAERICTLL\*T\*CNVNRR\*EYKLKLCIDKL\*HLSHYTGLSKGIL\*TNSHTLLCPSWFCDPKV\*R\*KVQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYGTRESILYNRRYNRKYKTGTLYY\*\*RRME\*HFRTDSKKIRRTIWE\*NNNL\*SVLRRGPRNCNAQF\*LWRGIFLL\*YSTAV\*YYLG\*\*YLE\*S\*\*NYWVK\*KYHTPMQNKANYKQVAGSRKSNVCPSHPRTN\*MLIKYYRADINKRWWLWW\*\*HERERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKRNRNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQFAEGY\*GATTSVATHSLGH\*TTPGKSPGCGNIPKGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISECNLG\*HDLDGVGERD\*QLHTCNIQFN\*RIAEPARKK\*TRIIGIG\*VGKSVELV\*YNKMAVVYKNIHNDSRRFNRFKNSFCCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766157.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPFHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766158.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766159.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766160.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766161.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766162.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766163.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766164.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766165.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766166.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766167.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766168.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766169.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766170.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766172.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766173.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766174.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766175.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSQTHQTSLPKQ\*VVYVMQPLVILAIIALIIAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVDMGHLAPWDVNDL\*CYRKIVGHSLLWSACVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRNSIGKCDRKF\*HVEK\*HGRPDA\*RYNQFMG\*KSKAMCKNNPTLCYFTLHQFECY\*\*HY\*\*\*\*LGGTDGGRRNKKLLFQYHHKNRK\*DAERICTLL\*S\*CNANRKE\*\*LYIDTL\*YLSHYTSLSKGIL\*TNSHTLLCPGWLCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ANSVNPTAVKWQSSRR\*DKN\*I\*KFHGQC\*KHNSTA\*GSCTN\*LYKTQQQYKTRYIYRTREKILYNKKNNRRYKKSIL\*H\*\*RRME\*NFSTDS\*KIRRTIWE\*DNNL\*SVLRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLG\*\*YLE\*V\*\*YYWVK\*NYQAPMQNKTNCKQVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWWW\*WHERKRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHRGKEKSGAERKKSNRNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISGYNLA\*HDLDRVGERDWQLHKPNIHLT\*KFADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRFNRFKNSFCCTFYSKES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766177.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766178.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766179.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766180.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766181.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766182.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766183.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSQTHQASLPKQ\*VVYVMQPLVILAIIALIVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVDMGHLAPWDVNDL\*CYRKIMGHSLLWGTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRNSIKKCDRKF\*HVEK\*HGRPDA\*RYNQFMG\*KPKAMCKNNPTLCYFTLHQFECY\*\*H\*LEDY\*\*\*\*LGGTDGDRRNKKLLFQYHHKNRK\*GAERICTLL\*S\*CNANRK\*E\*KLYIDTL\*HLSHYTSLSKGIL\*TNSHTLLCPGWLCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ANSVNPTAVKWQSSRR\*DKN\*I\*KFHGQC\*KHNSTA\*GSCTN\*LYKTQQQYKTRYIYRTREKILYNKKNNRRYKKSIL\*H\*\*RRME\*HFSTDS\*KIRRTIWE\*DNNL\*SVLRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLG\*\*YLE\*L\*\*YYWVK\*NYQAPMQNKTNCKQVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWWW\*WHERKRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRNSTHRGKEKSGAERKKSNRNARSHVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISGYNLA\*HDLDRVGERDWQLHKPNIHLT\*KIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRFNRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766195.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSQTHQASLPKQ\*VVYVMQPLVILAIIALIVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVDMGHLAPWDVNDL\*CYRKIMGHSLLWGTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRNSIKKCDRKF\*HVEK\*HGRPDA\*RYNQFMG\*KPKAMCKNNPTLCYFTLHQFECY\*\*H\*LEDY\*\*\*\*LGGTDGDRRNKKLLFQYHHKNRK\*GAERICTLL\*S\*CNANRK\*E\*KLYIDTL\*HLSHYTSLSKGIL\*TNSHTLLCPGWLCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ANSVNPTAVKWQSSRR\*DKN\*I\*KFHGQC\*KHNSTA\*GSCTN\*LYKTQQQYKTRYIYRTREKILYNKKNNRRYKKSIL\*H\*\*RRME\*HFSTDS\*KIRRTIWE\*DNNL\*SVLRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLG\*\*YLE\*L\*\*YYWVK\*NYQAPMQNKTNCKQVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWWW\*WHERKRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRNSTHRGKEKSGAERKKSNRNARSHVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISGYNLA\*HDLDRVGERDWQLHKPNIHLT\*KIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRFNRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766207.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSQTHQTSLPKQ\*VVHVMQPLVILAIIALVVAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CYRTIVGHSLLWSTCVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRSKIGKCDRKF\*HVEK\*HGRPDA\*GHNQFMG\*KPKAMCKNNPTLCYFKLH\*FECY\*GWEYYFEYY\*K\*\*\*LGKGGGRRNKKLLFQYHHKNKK\*GAERICTLL\*T\*CNVNRKW\*YKLKLCIDTLQYLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRRDSN\*I\*KFHGQC\*KHNSTA\*GSCKN\*LYKTQQQYKKKYTYRTRESILYNRRYNRKYKTSTL\*H\*\*RRME\*HFRTDS\*KIRRTI\*E\*DNNL\*AVRRRGPRN\*NAQF\*LWRGIFLL\*YNTAV\*WCLE\*WYLE\*S\*\*YY\*VK\*\*YHTHMQNKTNYKQVAGSRKSNVCPSHPRTN\*MFIKYYRTDINKRWWW\*\*HGRERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSTRNDRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPGDLGLLWKTRLHHCCTLEC\*LE\*\*ISG\*NLA\*HDLDGVGERDWQLHKLNIHPHRGIADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2013.KY766210.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKVCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSQTHQTSLPKQ\*VVYVMQPLVILAIIALIIAAIIAIVVWTIVLIEYRKILRQRKVDRLIDRIRERAEDSGNESEGDQEELSALVDMGHLAPWDVNDL\*CYRKIVGHSLLWSACVERSEYHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRNSIGKCDRKF\*HVEK\*HGRPDA\*RYNQFMG\*KSKAMCKNNPTLCYFTLHQFECY\*\*HY\*\*\*\*LGGTDGGRRNKKLLFQYHHKNRK\*DAERICTLL\*S\*CNANRKE\*\*LYIDTL\*YLSHYTSLSKGIL\*TNSHTLLCPGWLCDSKV\*R\*QFQWNRTM\*KCQHSTMYTWN\*ANSVNPTAVKWQSSRR\*DKN\*I\*KFHGQC\*KHNSTA\*GSCTN\*LYKTQQQYKTRYIYRTREKILYNKKNNRRYKKSIL\*H\*\*RRME\*NFSTDS\*KIRRTIWE\*DNNL\*SVLRRGPRNCNAQF\*LWRGIFLL\*YNTAV\*\*YLG\*\*YLE\*V\*\*YYWVK\*NYQAPMQNKTNCKQVAGSRKSNVCPSHRRTN\*MFIKYYRADINKRWWW\*WHERKRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHRGKEKSGAERKKSNRNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*TTPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHCCTLEC\*LE\*\*ISGYNLA\*HDLDRVGERDWQLHKPNIHLT\*KFADPARKK\*TRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRFNRFKNSFCCTFYSKES\*AGIFTIVISDPPPSIKGTRQARRNRRRRWRERQRHIRSI

>B.2014.KY778287.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKRCCYHCQVCFVTKGLGISYGRKKRRQRRRAHQGSQTHQEDLSKQ\*VVYVMQPLTILAIAALIVAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHLEMGHNAPWDVHDL\*CCRTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIGKCDRRI\*CMEQWHGRPDAAGYNQFMGPKPKAMCKTNPTLCYSRLH\*FEEYY\*\*Y\*YQ\*\*YMGNDGAGRRNKKLLFQYHHKHKR\*NAERICSFL\*T\*YNTNRK\*E\*QQEQP\*QL\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*DIRWKRKM\*QCQHSTVYTWN\*TSSINSTAVEWQSSRRRNSN\*I\*KFLRQY\*NHNSTTEDTCSN\*LYKTQQQYKKRGTHRTRECMVYNRRDNRRYKTSTL\*P\*WSRME\*HLRPDS\*EIKKTIWE\*\*NNRL\*SPLRRGPRNCNA\*F\*LWRGILLL\*YYTTV\*\*YLAG\*WYLEWY\*RKYHTHHTPMQNKTNCKHVARSRKSNVCPSYQRTNCMLIKYYRAVINKRWW\*YYKHNTEVFRPGGGDMKDNWRSELYKYKVIKIEPLGVAPTKAKRRVVQREKRAVGIGAVFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTTVPWNASWSNKSLNQIWNNMTWMEWEKEIDNYTGLIYSLIEQSQNQQEKNEQELLEFDKWANLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFAVLSVVNRVRQGYSPLSFQTHLPTQRGPDRPEGIEEEGGERDRDRSIRL

>B.2014.KY778289.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKRCCYHCQVCFVTKGLGISYGRKKRRQRRRAHQGSQTHQEDLSKQ\*VVYVMQPLTILAIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLIERISERAEDSGNESEGDQEELSALVGMGHLEMGHNAPWDVHDL\*CCRTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNTIEKCDRRI\*CME\*WHGGPDAAGYNQFMGPKSKAMCKTNPTLCYSRLH\*FE\*YY\*\*YYDGAGRRNKKLLFQYHHKHKR\*DAERICSFL\*T\*YNRNGK\*K\*QQ\*HKI\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*DIRWKRTMQQRQHSTVYTWN\*TSSINSTAVKWQSSRRRSSN\*I\*KFHRQY\*NHNSTAEDTCSN\*LYKTQQQYKKRGKHRTRESMVYNRRDNRRHKTSTL\*P\*WNRME\*YLRPDS\*ETKKTIWE\*\*NNNL\*SPLRRGPRNCNA\*F\*LWRGILLL\*YYTTV\*\*YLAG\*WYLE\*Y\*RKYHTPNKYHTPMQNKTNCKHVARSRKSNVCPSYQRTNCMLIKYYRAVINKRWW\*YYRQQYRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIGSSTH\*GKKKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNHADGTGQTIIVWYSATAEQLAESY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCTLEC\*LE\*\*ISGSDLE\*HDLDGVGKRN\*QLHRLNIQLN\*TIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRGLDRFKNSFCCTLCSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2014.KY778291.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKRCCYHCQVCFVTKGLGISYGRKKRRQRRRAHQGSQTHQEDLSKQ\*VVYVMQPLTILAIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLIERISERAEDSGNESEGDQEELSALVGMGHLEMGHNAPWDVHDL\*CCRTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNTIEKCDRRI\*CME\*WHGGPDAAGYNQFMGPKSKAMCKTNPTLCYSRLH\*FE\*YY\*\*YYDGAGRRNKKLLFQYHHKHKR\*DAERICSFL\*T\*YNRNGK\*K\*QQ\*HKI\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*DIRWKRTMQQRQHSTVYTWN\*TSSINSTAVKWQSSRRRSSN\*I\*KFHRQY\*NHNSTAEDTCSN\*LYKTQQQYKKRGKHRTRESMVYNRRDNRRHKTSTL\*P\*WNRME\*YLRPDS\*ETKKTIWE\*\*NNNL\*SPLRRGPRNCNA\*F\*LWRGILLL\*YYTTV\*\*YLAG\*WYLE\*Y\*RKYHTPNKYHTPMQNKTNCKHVARSRKSNVCPSYQRTNCMLIKYYRAVINKRWW\*YYRQQYRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIGSSTH\*GKKKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNHADGTGQTIIVWYSATAEQLAESY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCTLEC\*LE\*\*ISGSDLE\*HDLDGVGKRN\*QLHRLNIQLN\*TIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRGLDRFKNSFCCTLCSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2014.KY778294.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKRCCYHCQVCFVTKGLGISYGRKKRRQRRRAHQGSQTHQEDLSKQ\*VVYVMQPLTILAIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLIERISERAEDSGNESEGDQEELSALVGMGHLEMGHNAPWDVHDL\*CCRTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNTIEKCDRRI\*CME\*WHGGPDAAGYNQFMGPKSKAMCKTNPTLCYSRLH\*FE\*YY\*\*YYDGAGRRNKKLLFQYHHKHKR\*DAERICSFL\*T\*YNRNGK\*K\*QQ\*HKI\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*DIRWKRTMQQRQHSTVYTWN\*TSSINSTAVKWQSSRRRSSN\*I\*KFHRQY\*NHNSTAEDTCSN\*LYKTQQQYKKRGKHRTRESMVYNRRDNRRHKTSTL\*P\*WNRME\*YLRPDS\*ETKKTIWE\*\*NNNL\*SPLRRGPRNCNA\*F\*LWRGILLL\*YYTTV\*\*YLAG\*WYLE\*Y\*RKYHTPNKYHTPMQNKTNCKHVARSRKSNVCPSYQRTNCMLIKYYRAVINKRWW\*YYRQQYRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIGSSTH\*GKKKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNHADGTGQTIIVWYSATAEQLAESY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCTLEC\*LE\*\*ISGSDLE\*HDLDGVGKRN\*QLHRLNIQLN\*TIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRGLDRFKNSFCCTLCSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2014.KY778298.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKRCCYHCQVCFVTKGLGISYGRKKRRQRRRAHQGSQTHQEDLSKQ\*VVYVMQPLTILAIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLIERISERAEDSGNESEGDQEELSALVGMGHLEMGHNAPWDVHDL\*CCRTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNTIEKCDRRI\*CME\*WHGGPDAAGYNQFMGPKSKAMCKTNPTLCYSRLH\*FE\*YY\*\*YYDGAGRRNKKLLFQYHHKHKR\*DAERICSFL\*T\*YNRNGK\*K\*QQ\*HKI\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*DIRWKRTMQQRQHSTVYTWN\*TSSINSTAVKWQSSRRRSSN\*I\*KFHRQY\*NHNSTAEDTCSN\*LYKTQQQYKKRGKHRTRESMVYNRRDNRRHKTSTL\*P\*WNRME\*YLRPDS\*ETKKTIWE\*\*NNNL\*SPLRRGPRNCNA\*F\*LWRGILLL\*YYTTV\*\*YLAG\*WYLE\*Y\*RKYHTPNKYHTPMQNKTNCKHVARSRKSNVCPSYQRTNCMLIKYYRAVINKRWW\*YYRQQYRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIGSSTH\*GKKKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNHADGTGQTIIVWYSATAEQLAESY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCTLEC\*LE\*\*ISGSDLE\*HDLDGVGKRN\*QLHRLNIQLN\*TIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRGLDRFKNSFCCTLCSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2014.KY778299.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKRCCYHCQVCFVTKGLGISYGRKKRRQRRRAHQGSQTHQEDLSKQ\*VVYVMQPLTILAIAALIVAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHLEMGHNAPWDVHDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIEKCDRRI\*CMEQWHGRPDAAGYNQFMGPKSKAMCKTNPTLCYSRLH\*FEKYY\*\*Y\*YQ\*\*\*MGNDGARRNKKLLFQYHHKHKR\*DAERICSFL\*T\*YNRNRK\*E\*QQ\*QKI\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*DIRWKRTM\*QCQHSTVYTWN\*TSSINSTAVKWQSSRRRSSN\*I\*KFHRQY\*NHNSTAEDTCSN\*LYKTQQQYKKRGTHRTRECMVYNRRDNRRYKTSTL\*P\*WSRME\*HLRPDS\*KIKKTIWE\*\*NNSL\*SPLRRGPRNCNA\*F\*LWRGILLL\*YNTTV\*\*YLAG\*YLEWY\*RKYHTPMQNKTNCKHVARSRKSNVCPSYQRTNYMLIKYYRAVINKRWW\*YHKQYRGLQTWRRRYEGQLEK\*IIQI\*SNKN\*TIGSSTH\*GKKKSGAERKKSSGIRSCVPWVLGSSRKHYGRSVNHADGTGQTIIVWYSATAEQLAESY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGNLGMLWKTHLHHYCTLEY\*LE\*\*ISKSDLE\*HDLDGVGKRN\*QLHRLNIQLN\*TIAEPAGKE\*TRIIGIG\*MGKLVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFCSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRQRQRQIHTI

>B.2014.KY778303.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKRCCYHCQVCFVTKGLGISYGRKKRRQRRRAHQGSQTHQEDLSKQ\*VVYVMQPLTILAIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLIERISERAEDSGNESEGDQEELSALVGMGHLEMGHNAPWDVHDL\*CCRTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNTIEKCDRRI\*CME\*WHGGPDAAGYNQFMGPKSKAMCKTNPTLCYSRLH\*FE\*YY\*\*YYDGAGRRNKKLLFQYHHKHKR\*DAERICSFL\*T\*YNRNGK\*K\*QQ\*HKI\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*DIRWKRTMQQRQHSTVYTWN\*TSSINSTAVKWQSSRRRSSN\*I\*KFHRQY\*NHNSTAEDTCSN\*LYKTQQQYKKRGKHRTRESMVYNRRDNRRHKTSTL\*P\*WNRME\*YLRPDS\*ETKKTIWE\*\*NNNL\*SPLRRGPRNCNA\*F\*LWRGILLL\*YYTTV\*\*YLAG\*WYLE\*Y\*RKYHTPNKYHTPMQNKTNCKHVARSRKSNVCPSYQRTNCMLIKYYRAVINKRWW\*YYRQQYRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIGSSTH\*GKKKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNHADGTGQTIIVWYSATAEQLAESY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCTLEC\*LE\*\*ISGSDLE\*HDLDGVGKRN\*QLHRLNIQLN\*TIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRGLDRFKNSFCCTLCSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2014.KY778305.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKRCCYHCQVCFVTKGLGISYGRKKRRQRRRAHQGSQTHQEDLSKQ\*VVYVMQPLTILAIAALIVAAILAIVVWTIVYIEYRKIVRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHLEMGHNAPWDVHDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIEKCDRRI\*CMEQWHGRPDAAGYNQFMGPKSKAMCKTNPTLCYSRLH\*FEKYY\*\*Y\*YQ\*\*\*MGNDGARRNKKLLFQYHHKHKR\*DAERICSFL\*T\*YNRNRK\*E\*QQ\*QKI\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*DIRWKRTM\*QCQHSTVYTWN\*TSSINSTAVKWQSSRRRSSN\*I\*KFHRQY\*NHNSTAEDTCSN\*LYKTQQQYKKRGTHRTRECMVYNRRDNRRYKTSTL\*P\*WSRME\*HLRPDS\*KIKKTIWE\*\*NNSL\*SPLRRGPRNCNA\*F\*LWRGILLL\*YNTTV\*\*YLAG\*YLEWY\*RKYHTPMQNKTNCKHVARSRKSNVCPSYQRTNYMLIKYYRAVINKRWW\*YHKQYRGLQTWRRRYEGQLEK\*IIQI\*SNKN\*TIGSSTH\*GKKKSGAERKKSSGIRSCVPWVLGSSRKHYGRSVNHADGTGQTIIVWYSATAEQLAESY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGNLGMLWKTHLHHYCTLEY\*LE\*\*ISKSDLE\*HDLDGVGKRN\*QLHRLNIQLN\*TIAEPAGKE\*TRIIGIG\*MGKLVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCTFCSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRQRQRQIHTI

>B.2014.KY778306.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKRCCYHCQVCFVTKGLGISYGRKKRRQRRRAHQGSQTHQEDLSKQ\*VVYVMQPLTILAIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLIERISERAEDSGNESEGDQEELSALVGMGHLEMGHNAPWDVHDL\*CCRTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNTIEKCDRRI\*CME\*WHGGPDAAGYNQFMGPKSKAMCKTNPTLCYSRLH\*FE\*YY\*\*YYDGAGRRNKKLLFQYHHKHKR\*DAERICSFL\*T\*YNRNGK\*K\*QQ\*HKI\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*DIRWKRTMQQRQHSTVYTWN\*TSSINSTAVKWQSSRRRSSN\*I\*KFHRQY\*NHNSTAEDTCSN\*LYKTQQQYKKRGKHRTRESMVYNRRDNRRHKTSTL\*P\*WNRME\*YLRPDS\*ETKKTIWE\*\*NNNL\*SPLRRGPRNCNA\*F\*LWRGILLL\*YYTTV\*\*YLAG\*WYLE\*Y\*RKYHTPNKYHTPMQNKTNCKHVARSRKSNVCPSYQRTNCMLIKYYRAVINKRWW\*YYRQQYRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIGSSTH\*GKKKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNHADGTGQTIIVWYSATAEQLAESY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCTLEC\*LE\*\*ISGSDLE\*HDLDGVGKRN\*QLHRLNIQLN\*TIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRGLDRFKNSFCCTLCSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2014.KY778307.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKRCCYHCQVCFVTKGLGISYGRKKRRQRRRAHQGSQTHQEDLSKQ\*VVYVMQPLTILAIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLIERISERAEDSGNESEGDQEELSALVGMGHLEMGHNAPWDVHDL\*CCRTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNTIEKCDRRI\*CME\*WHGGPDAAGYNQFMGPKSKAMCKTNPTLCYSRLH\*FE\*YY\*\*YYDGAGRRNKKLLFQYHHKHKR\*DAERICSFL\*T\*YNRNGK\*K\*QQ\*HKI\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*DIRWKRTMQQRQHSTVYTWN\*TSSINSTAVKWQSSRRRSSN\*I\*KFHRQY\*NHNSTAEDTCSN\*LYKTQQQYKKRGKHRTRESMVYNRRDNRRHKTSTL\*P\*WNRME\*YLRPDS\*ETKKTIWE\*\*NNNL\*SPLRRGPRNCNA\*F\*LWRGILLL\*YYTTV\*\*YLAG\*WYLE\*Y\*RKYHTPNKYHTPMQNKTNCKHVARSRKSNVCPSYQRTNCMLIKYYRAVINKRWW\*YYRQQYRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIGNSTH\*GKKKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNHADGTGQTIIVWYSATAEQLAESY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCTLEC\*LE\*\*ISGSDLE\*HDLDGVGKRN\*QLHRLNIQLN\*TIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRGLDRFKNSFCCTLCSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2014.KY778308.-

MEPVDPSLEPWKHPGSQPKTPCTPCYCKRCCYHCQVCFVTKGLGISYGRKKRRQRRRAHQGSQTHQEDLSKQ\*VVYVMQPLTILAIVALVVAAILAIVVWTIVYIEYRKIVRQRKIDRLIERISERAEDSGNESEGDQEELSALVGMGHLEMGHNAPWDVHDL\*CCRTIVGHSLLWGTCVERSKHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRNTIEKCDRRI\*CME\*WHGGPDAAGYNQFMGPKSKAMCKTNPTLCYSRLH\*FE\*YY\*\*YYDGAGRRNKKLLFQYHHKHKR\*DAERICSFL\*T\*YNRNGK\*K\*QQ\*HKI\*VDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*DIRWKRTMQQRQHSTVYTWN\*TSSINSTAVKWQSSRRRSSN\*I\*KFHRQY\*NHNSTAEDTCSN\*LYKTQQQYKKRGKHRTRESMVYNRRDNRRHKTSTL\*P\*WNRME\*YLRPDS\*ETKKTIWE\*\*NNNL\*SPLRRGPRNCNA\*F\*LWRGILLL\*YYTTV\*\*YLAG\*WYLE\*Y\*RKYHTPNKYHTPMQNKTNCKHVARSRKSNVCPSYQRTNCMLIKYYRAVINKRWW\*YYRQQYRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIGSSTH\*GKKKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNHADGTGQTIIVWYSATAEQLAESY\*GATASVATHSLGHQATPGKSPGCGKIPKGSTAPGDLGMLWKTHLHHYCTLEC\*LE\*\*ISGSDLE\*HDLDGVGKRN\*QLHRLNIQLN\*TIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRGLDRFKNSFCCTLCSE\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2013.KY778336.-

MEPVDPSLEPWKHPGSQPKTACNSCYCKACCFHCQVCFVTKGLGISYGRKKRRQRRRSSQHSQTHQVSLSKQ\*VVHVMQSLQILAIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELAFMEMGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNNHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSKIGKCDRKFQYVEK\*HGRTDAGGYNQFMGSKPKAMCRVNPTLCYFNLH\*CQYQYYY\*YQYY\*\*Q\*\*ELGRDG\*RRNKKLLFQYHLKHKR\*CTERTCTFL\*T\*CSTNR\*YQL\*VDKL\*HLKNYTSLSKGNL\*ANSHTLLCPGWFCDYTV\*Q\*EVQWNRTMYKCQHSTMYTWN\*ASSVNPTAAKRQSSRRRGSN\*I\*KFHKQC\*NHNSTAE\*ICRN\*LYKTQQQYKKRYKYRTRESILCNRRNNRRYKTSTL\*H\*WRKMD\*YFKTDSYKIKRTL\*E\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTI\*\*YLEWY\*E\*Y\*RIK\*QWNYHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIEYYRTDINKRWWSRGQGQ\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSYGPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*GATAPVATHSLGYQTAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISG\*NLE\*HDLDGVGERN\*QLHRLNIHLN\*RIAEPAGKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRGLGRLKNSFCCAFYSE\*S\*AGILTITVSDPPPSTEGTRQARRNRRRRWRDRQRQIRWI

>B.2013.KY778345.-

MEPVDPSLEPWKHPGSQPKTACNSCYCKACCFHCQVCFITKGLGISYGRKKRRQRRRSSQHSQTHQVSLSKQ\*VVHVMQSLQILAIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELAFMEMGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNNHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSKIGKCDRKFQYVEK\*HGRTDAGGYNQFMGSKPKAMCRVNPTLCYFNLH\*CQYQYYY\*YQYY\*\*Q\*\*ELGRDG\*RRNKKLLFQYHLKHKR\*CTERTCTFL\*T\*CSTNR\*YQL\*VDKL\*HLKNYTSLSKGNL\*ANSHTLLCPGWFCDYTV\*Q\*EVQWNRTMYKCQHSTMYTWN\*ASSVNPTAAKRQSSRRRGSN\*I\*KFHKQC\*NHNSTAE\*ICRN\*LYKTQQQYKKRYKYRTRESILCNRRNNRRYKTSTL\*H\*WRKMD\*YFKTDSYKIKRTL\*E\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTI\*\*\*LEWY\*E\*Y\*RIK\*QWNYHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIEYYRTDINKRWWSRGQGQ\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSYGPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*GATAPVATHSLGYQTAPSKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISG\*NLE\*HDLDGVGERN\*QLHRLNIHLN\*RIAEPAGKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRGLGRLKNSFCCAFYSE\*S\*AGILTITVSDPPPSTEGTRQARRNRRRRWRDRQRQIRWI

>B.2013.KY778348.-

MEPVDPSLEPWKHPGSQPKTACNSCYCKACCFHCQVCFITKGLGISYGRKKRRQRRRSSQHSQTHQVSLSKQ\*VVHVMQSLQILAIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELAFMEMGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNNHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSKIGKCDRKFQYVEK\*HGRTDAGGYNQFMGSKPKAMCRVNPTLCYFNLH\*CQYQYYY\*YQYY\*\*Q\*\*ELGRDG\*RRNKKLLFQYHLKHKR\*CTERTCTFL\*T\*CSTNR\*YQL\*VDKL\*HLKNYTSLSKGNL\*ANSHTLLCPGWFCDYTV\*Q\*EVQWNRTMYKCQHSTMYTWN\*ASSVNPTAAKRQSSRRRGSN\*I\*KFHKQC\*NHNSTAE\*ICRN\*LYKTQQQYKKRYKYRTRESILCNRRNNRRYKTSTL\*H\*WRKMD\*YFKTDSYKIKRTL\*E\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTI\*\*\*LEWY\*E\*Y\*RIK\*QWNYHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIEYYRTDINKRWWSRGQGQ\*Q\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSYGPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*GATAPVATHSLGYQTAPSKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISG\*NLE\*HDLDGVGERN\*QLHRLNIHLN\*RIAEPAGKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRGLGRLKNSFCCAFYSE\*S\*AGILTITVSDPPPSTEGTRQARRNRRRRWRDRQRQIRWI

>B.2013.KY778351.-

MEPVDPSLEPWKHPGSQPKTACNSCYCKACCFHCQVCFVTKGLGISYGRKKRRQRRRSSQHSQTHQVSLSKQ\*VVHVMQSLQILAIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELAFMEMGHHAPWDIDDL\*CYRKIVGHSLLWGTCVERSNNHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSKIGKCDRKFQYVEK\*HGRTDAGGYNQFMGSKPKAMCRVNPTLCYFNLH\*CQYQYYY\*YQYY\*\*Q\*\*ELGRDG\*RRNKKLLFQYHLKHER\*CTERTCTFL\*T\*CSTNR\*YQL\*VDKL\*HLKNYTSLSKGNL\*ANSHTLLCPGWFCDYTV\*Q\*EVQWNRTMYKCQHSTMYTWN\*ASSVNPTAAKRQSSRRRGSN\*I\*KFHKQC\*NHNSTAE\*ICRN\*LYKTQQQYKKRYKYRTRESILCNRRNNRRYKTSTL\*H\*WRKMD\*YFKTDSYKIKRTL\*E\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNTTI\*\*YLEWY\*E\*Y\*RIK\*QWNYHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIEYYRTDINKRWWSRGQGQ\*Q\*DFQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSYGPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*GATAPVATHSLGYQTAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISG\*NLE\*HDLDGVGERN\*QLHRLNIHLN\*RIAEPAGKE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRGLGRLKNSFCCAFYSE\*S\*AGILTITVSDPPPSTEGTRQARRNRRRRWRDRQRQIRWI

>B.2013.KY778387.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRVIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778388.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778389.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778390.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMEHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSSGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778391.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778392.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSSGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778394.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSSGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778395.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778396.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSSGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778397.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778398.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSSGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778399.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778400.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778401.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSSGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778402.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSSGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRADTN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778403.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSSGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778404.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSSGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRADTN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778406.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSSGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778407.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSSGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778408.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778409.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSMVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSSGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778411.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778412.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778413.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778414.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSSGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778415.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778416.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778418.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSSGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778420.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSSGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778421.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGI\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778422.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSSGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778424.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778425.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778429.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778432.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778433.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778436.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778437.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2013.KY778439.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQSCFIKKGLGISYGRKKRRQRRGTPQGSQTHQVSLSKQ\*VVHVMQPLQILAIVALVVAAILAIVVWSIVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRRIVGYSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSSGKCDRNF\*HVEK\*HGRADA\*GYN\*FMGSKPKAMCRINPTLCYFKLH\*RLEKCY\*YHY\*YY\*\*\*LENDGERRNKKLLFQYQHKHER\*ASERICTFL\*T\*CSTNR\*\*\*\*\*Y\*\*L\*IDKL\*HLSRYTSLSKDIL\*TNSNTLLCPGWFCDSKM\*\*\*DIQWEWTMYKCQHSTMYTWN\*ASSINSTAVKWQSIRRRDNN\*I\*KYLGQC\*NHDSTAERPCRN\*LYKTQQQYKKRYKYGTRESILYNRRNNRRYKTSTLQP\*\*SSME\*HFKTDS\*TIRRTI\*\*DQNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*YNTTV\*WYLGE\*Y\*E\*\*\*HCKKWHNHTPMQNKTNYKHVAKSRKSNICPSHQRRN\*VFI\*HYRAATN\*RWW\*WEQHQGQRDLQTWGRRYEGQLEK\*II\*IQSSKN\*TIRNSTH\*GKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAKQSAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLE\*HDLDGVGKRN\*QLHRYNIHLT\*AIANPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAI

>B.2012.KY778451.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRIF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778465.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRIF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNNLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778473.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRIF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778474.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRIF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778479.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRIF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778482.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRIF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778487.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRIF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778495.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRRF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNGRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVTNKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778496.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRIF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778502.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRIF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778505.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRRF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778510.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRIF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778511.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRRF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQFAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778514.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRTF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTS\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778516.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRIF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778517.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRIF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778529.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRIF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKA\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778532.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRRF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778545.-

MEPVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVGKCDRRF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*IKKFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778548.-

MELVDPNLEPWRHPGSRPKTACNNCYCKKCCFHCQKCFITKGLGIDYGRKKRRQRRRPPQDSKNHQVPLPKQ\*VTYVMQSLKILAIVALVVAGIIAIVVWTIVGIEYRKILRQRRIDRLINRISERAEDSGNESEGDQEELSGLMEMGHHAPWDVDDL\*CCRTIVGHNLLWGTCVERSNHHSILCLRC\*GI\*HRGT\*CLGHTCLCTHRPQPTRIMVEKCDRIF\*CMEE\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CYYFTAEYYSTE\*\*YSTENY\*GNKKLLFQCHQRHNK\*VTQRICTLL\*T\*YSTNRQ\*Q\*\*NNTVYADKL\*YLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*RKEVQWNRTM\*QCQHSTMYTWN\*ASSINSTVVKW\*SSRRRGSN\*I\*KFLEQCGDHNSTAK\*NCINYL\*KTQQQYKKKYTYRTRKSILCNRRNNRKYKTSTL\*HY\*NRLE\*NFKTGS\*EIKKTIWGK\*NNSLYATLRRGPRNCNTQL\*LWRGILLL\*FNTVV\*\*YLGA\*\*FNTIG\*\*YLGY\*\*YYHTPM\*DKTNYKHVARSRKSNVCPSHQRTN\*MYIKYYRAVINKRWW\*QYHQRNLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGSGSSAHWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGYRKIPTGSAAPRDLGLLWKTHLHHCCALE\*\*LE\*\*ILQ\*DLGQHDLDAVGERN\*QLYRQNIRIN\*KIAKPARKE\*TRIIRIR\*MGKFVELV\*HNTVAVVHKNIHNDSRRLDRFKNSFCCAFHSEQS\*AGVLTIVVSDPPPNQEGTRRARRNRRRRWRERQRHIQAI

>B.2012.KY778593.-

MDPVDPRLEPWKHPGSQPKTACNQCYCKKCCFHCQVCFLKKGLGISHGRKKRRQRRRPPPDSQTHQASLSKQ\*VVHVMQPLVVAAIVALVVAVILAIVVWTIVLIQYRKILRQRKIDRLIDRIVDRAEDSGNESEGDQEELSALMEMGHHAPWDVNDL\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSGIKKCDRKF\*YVEK\*HGRPDA\*GYNQFMG\*KSKAMCKINPTLCYFKLQ\*CKE\*YYY\*YQ\*\*LGKYNGERRNEKLLFQCHHKHKR\*DTERSGTFL\*T\*YSTNRR\*\*\*\*\*\*L\*KLW\*L\*IDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKMY\*\*DVPGKRTMHKCQHSTMHTWN\*ASSVNSTAIKWQSSRRRGSN\*I\*\*FHRQC\*NHNSAAE\*ICSN\*LYKTQQQYKKKYIYRTREGMVCNRRYNRRYKTSTL\*H\*WSKLG\*SCKTNK\*KIKKTIYQ\*NNNL\*TIFRRGPRNCYAQFQLWRGIFLL\*YITVV\*QYLEWH\*IPGSEWHTHTPMQNKTNHKHVAESRKSNVCPSHPGKY\*LLIKYYRAAINERWW\*QGERHR\*YYRDL\*TWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTYQGKKKSGAEREKSGDSGSYVPWVLGSSRKHYGRSIIDADGTGQTIIVWYSATAKQFAEGYSGATASVAAHSLGHQAAPGKSPGCRKIPKGSTAPRNLGLLWKTHLHHYCALEY\*LEQ\*IPGLHLAKYDLDAVGK\*N\*KLHRPNI\*LN\*KIAEPARKE\*TRIIGIGQMDKFVVLV\*HNKLAVVYKNIHNNSRRLDRFKNNFYCAFYSK\*S\*EGILTIVISDPPPNPEGTRQARRNRRRRWRERQRWIQSI

>B.2012.KY778611.-

MDPVDPRLEPWKHPGSQPKTACNQCYCKKCCFHCQVCFLKKGLGISHGRKKRRQRRRPPPDSQTHQASLSKQ\*VVHVMQPLVVAAIVALVVAVILAIVVWTIVLIQYRKILRQRKIDRLIDRIADRAEDRGNESEGDQEELSALMEMGHHAPWDVNDL\*CCRKFVGHSLLWGTCVERNNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSGIKKCDRKF\*YVEK\*HGRPDA\*GYNQFMG\*KPKAMCKINPTLCYFKLQ\*CKE\*YYY\*YQ\*\*LGG\*NGERRNEKLLFQCHHKHKR\*GTERSGTFL\*T\*YSTNRR\*\*\*\*\*\*L\*KLW\*L\*IDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKMY\*\*DVPGKRTMHKCQHSTMHTWN\*ASSVNSTAIKWQSSRRRGSN\*I\*\*FHRQC\*NHNSAAE\*ICSN\*LYKTQQQYKKKYTYRTRERMVCNRRYNRRYKTSTL\*H\*\*SKLD\*SFKTNK\*KIKRTICQ\*NNNL\*TIFRRGPRNCYAQLQLWRGIFLL\*YIKVV\*QYLEWH\*GIPGNEWHTHTPMQNKTNHKHVAESRKSNVCPSHPGKY\*LLIKYYRAAINERWW\*QGERNR\*YYRGL\*TWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKKKSGAERKKSGNSGSYVPWVLGSSRKHYGRSIIDADGTGQTIIVWYSATAKQFAEGYSGATASVAAHSLGHQAAPGKSPGCRKIPKGSTAPRNLGLLWKTHLHHYCALEY\*LEQ\*IPGLHLAKYDLDAVGK\*N\*KLHRPNI\*LN\*KIAEPARKE\*TRIIGIGQMGKFVVLV\*HNKLAVVYKNIHNDSRRLGRFKNNFYCAFYSK\*S\*EGILTIVISDPPPNPEGTRQARRNRRRRWRERQRWIQSI

>B.2012.KY778615.-

MDPVDPRLEPWKHPGSQPKTACNQCYCKKCCFHCQVCFLKKGLGISHGRKKRRQRRRPPPDSQTHQASLSKQ\*VVHVMQPLIVAAIVALVVAVILAIVVWTIVLIQYRKILRQRKIDRLIDRIADRAEDSGNESEGDQEELSALMEMGHHAPWDVNDL\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSGIKKCDRKF\*YVEK\*HGRPDA\*GYNQFMG\*KPKAMCKINPTLCYFKLQ\*CKE\*YYY\*YQ\*\*LGKYNGERRNEKLLFQCHHKHKR\*DTERSGTFL\*T\*YSTNRR\*\*\*\*\*\*L\*KLW\*L\*IDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKMY\*\*DVPGKRTMHKCQHSTMHTWN\*ASSVNSTAIKWQSSRRRGSN\*I\*\*FHRQC\*NHNSAAE\*ICSN\*LYKTQQQYKKKYIYRTREGMVCNRRYNRRYKTSTL\*H\*WSKLG\*SFKTNKGKIKRTICQ\*NNNL\*TIFRRGPRNCYAQFQLWRGIFLL\*YIKVV\*QYLEWH\*GKPGSEWHTHTPMQNKTNHKHVAESRKSNVCPSHPGKY\*LLIKYYRAAINERWW\*QGERNR\*YYRDL\*TWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKKKSGAERKKSGNSGSYVPWVLGSSRKHYGRSIIDADGTGQTIIVWYSATAKQFAEGYSGATASVAAHSLGHQAAPGKSPGCRKIPKGSTAPRNLGLLWKTHLHHYCALEY\*LEQ\*IPGLHLAEYDLDAVGK\*N\*KLHRPNI\*LN\*KIAKPARKE\*TRIIGIGQMGKFVVLV\*HNKLAVVYKNIHNDSRRLDRFKNNFYCAFYSK\*S\*EGILTIVISDPPPNPEGTRQARRNRRRRWRERQRWIQSI

>B.2012.KY778616.-

MDPVDPRLEPWKHPGSQPKTACNQCYCKKCCFHCQVCFLKKGLGISHGRKKRRQRRRPPPDNQTHQASLSKQ\*VVHVMQPLVVAAIVALVVAAILAIVVWTIVLIQYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALMEMGHHAPWDVNDL\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSGIKKCDRKF\*YVEK\*HGRPDA\*GYNQFMG\*KPKAMCKINPTLCYFKL\*\*CKE\*YYY\*YQ\*\*LGK\*NGERRNEKLLFQCHHKHKR\*GTERSGTLL\*T\*YSTNRR\*\*\*\*\*\*L\*KLW\*L\*IDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKMY\*\*DVPGKRTMHKCQHSTMHTWN\*ASSVNSTAIKWQSS\*RRGSN\*I\*\*FHRQC\*NHNSAAE\*ICSN\*LYKTQQQYKKKYISRTRERMVCNRRYNRRYKTSTL\*H\*WSKLD\*SFKTNK\*KIKRTICQ\*NNNL\*TIVRRRPRNCYAQFQLWRGIFLL\*YIKVV\*QYLEWH\*GRPGSEWHTYTPMQNKTNHKHVAESRKSNVCPSHPGKY\*LLIKYYRAAINERWW\*QGEQNR\*YYRDL\*TWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKKKSGAERKKSGNSGSYVPWVLGSSRKHYGRSIIDADGTGQTIIVWYSATAKQFAEGYSGATASVAAHSLGHQAAPGKSPGCRKIPKGSTAPRNLGLLWKTHLHHYCALEY\*LEQ\*IPGLHLAKYDLDAVGK\*N\*KLHRPNI\*LN\*KIAEPARKE\*TRIIGIGQMGKFVVLV\*HNKLAVVYKNIHNDSRRLDRFKNNFYCAFYSK\*S\*EGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRWIQSI

>B.2012.KY778638.-

MDPVDPRLEPWKHPGSQPKTACNQCYCKKCCFHCQVCFLKKGLGISHGRKKRRQRRRPPPDSQTHQASLSKQ\*VVHVMQPLVVAAIVALVVAVILAIVVWTIVLIQYRKILRQRKIDRLIDRIVDRAEDSGNESEGDQEELSALMEMGHHAPWDVNDL\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSRIKKCDRKF\*HVEK\*HGRPDA\*GYNQFMG\*KPKAMCKINPTLCYFKLQ\*CKE\*YYY\*YQ\*\*LGKYNGERRNEKLLFQCHHKHKR\*DTERSGTFL\*T\*YSTNRR\*\*\*\*\*\*L\*KLW\*L\*IDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKMY\*\*DVPGKRTMHKCQHSTMHTWN\*ASSVNSTAIKWQSSRRRGSN\*I\*\*FHRQC\*NHNSAAE\*ICSN\*LYKTQQQYKKKYIYRTREGMVCNRRYNRRYKTSTL\*H\*WSKLD\*SFKTNK\*KIKRTICQ\*NNNL\*TIFRRGPRNCYAQFQLWRGIFLL\*YIKVV\*QYLEWH\*GKPGSEWHTHTPMQNKTNHKHVAESRKSNVCPSHPGKY\*LLIKYYRAAINERWW\*QGERNR\*YYRDL\*TWRRKYEGQLEK\*II\*I\*SSEN\*TTRSSTHQGKKKSGAERKKSGNSGSYVPWVLGSSRKHYGRSIIDADGTGQTIIVWYSATAKQFAEGYSGATASVAAHSLGHQAAPGKSPGCRKIPKGSTAPRNLGLLWKTHLHHYCALEY\*LEQ\*IPGLHLAKYDLDAVGK\*D\*KLHRPNI\*LN\*TIAEPARKE\*TRIIGIGQMDKFVVLV\*HNKLAVVYKNIHNDSRRLDRFKNNFYCAFYSK\*S\*EGILTIVISDPPPNPEGTRQARRNRRRRWRERQRWIQSI

>B.2012.KY778650.-

MDPVDPRLEPWKHPGSQPKTACNQCYCKKCCFHCQVCFSKKGLGISYGRKKRRQRRRPPPNSQTHQASLSEQ\*VVHVMQPLVVAAIVALVVAAILAIVVWTIVLIQYRKILRQRKIDRLIDRIADRAEDSGNESEGDQEELSALMEMGHHAPRDVNDL\*CCRKFVGHSLLWGTCVERNNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSGIKKCDRKF\*YVEK\*HGRPDA\*GYNQFMG\*KPKAMCKINPTLCYFKLQ\*CKE\*YYY\*YQ\*\*LGK\*NGERRNEKLLFQCHHKHKR\*DTERSGTFL\*T\*YSTNRR\*\*\*\*\*\*L\*RL\*\*L\*IDKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKMY\*\*DVPGKRTMHKCQHSTMHTWN\*ASSVNSTAIKWQSSRRRGSN\*I\*\*FHRQC\*NHNSAAE\*ICSN\*LYKTQQQYKKKYISRTRERMVCNRRYNRRYKTSTL\*H\*WSKLD\*SFKTNK\*KIKRTICQ\*NNNL\*TIFRRGPRNCYAQFQLWRGIFLL\*YIKVV\*QYLEWH\*GIPGSEWHTHTPMQNKTNHKHVAESRKSNVCPSHPGKY\*LLIKYYRAAINERWW\*QGERNR\*YYRDL\*TWRRKYEGQLEK\*II\*I\*SSEN\*TIRSSTHQGKKKSGAERKKSGNSGSYVPWVLGSSRNHYGRSIIDADGTGQTIIVWYSATAKQFAEGYSGATASVAAHSLGHQTAPGKSPGCRKIPKGSTAPRNLGLLWKTHLHHYCALEY\*LEQ\*IPGLYLAKYDLDAVGK\*N\*KLHRPNI\*LN\*KIAEPARKE\*TRIIGIGQMGKFVVLV\*HNKLAVVYKNIHNDSRRLDRFKNNFYCAFYSK\*S\*EGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRWIQSI

>B.1994.KY820501.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFIRKGLGLSYGRKKRRQRRRAPQDNKNHQVSLSKQ\*VIHVMQPLEILAIVALVVAIILAIVVWSIVLIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVERSNHHPILCIRC\*SI\*QRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDACGYNQFMGSKPKAMCKINSTLCYFEL\*\*FEE\*Y\*YH\*\*\*SRGSDGERKNEKLLFQCYHKHKK\*GEGGICSFL\*T\*YSTNR\*\*\*YKLYIDKL\*LLSHYTGLSKGIF\*TNSHTLLYPGWFCDSTV\*\*\*EVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGNN\*I\*KFHEQC\*NHNSTAERICRN\*LHKTQQQHKKKYTSRTREYIFCNRRNNRRYKTSTL\*H\*\*RKMEQHFKTASYKIKKTIWE\*NNSL\*PILRRGPRDCNAQF\*LWRGIFLLQYNTTV\*\*YLV\*\*YLE\*Y\*RVKYHWYCRVKYHTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MFIKYYRTAINKRWGEWGQRD\*RDD\*DLQTWGRRYEGQLEK\*II\*I\*SSKN\*AIRDSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVTDADGTGQTTIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGMLWKAHLHH\*CALEY\*LE\*\*ISESYLG\*HDLDGVGQRN\*QLHNLNIHLT\*GIAEPTRKE\*TGIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDNRRLGRFKNNFFCTFYSE\*S\*AGILTIIVADPPPKLEGTRQARRNRRRRWRKRQRWIRSI

>B.2001.KY968394.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCFHCQVCFGKKALGISMAGRSGDSDEDLLKAVRLIKHLYQTKYMMTPLVILAIVALVVTAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIIDRAEDSGMRAMGIKRNYQHLWRWGTMFIWLLMVCSAADQLWVTVYYGVPVWKEATTTLFCASDAKAYDTEAHNVWATHACVPTDPRPQEVVLANVTENFNMWKNNMVEQMHEDIINLWDESLKPCAKLTPLCVTLNCTDVTISPNTAWSNVTIREEMTNCSFNITTSIRDKVTKEFALFYRDDVVPIDNNYTNYRLINCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNNKTFNGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEEIVIRSENFTDNAKTIIVQLNESIEINCTRPNNNTRKSIHIGPGRAFYATGDIIGDIRQAHCNISRTKWNNTLQLIVNKLREQFKNKTILFKPSSGGDPEVVMHTFNCGGEFFYCNSSQLFNSTWALNSTNTTAEGNETIILPCRIKQIINMWQQVGRAMYAPPIKGLIRCSSNITGILLTRDGDSNRTNNETFRPGGGNMKDNWRSELYKYKVVKIEPLGLAPTKAKRRVVQREKRAVGLGAMFLGFLGAAGSTMGAASLTLTVQARLLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGRLICTTAVPWNASWSNKSYDQIWDNMTWMQWEKEIDNYTGLIYNLLEESQNQQEKNEQDLLALDQWASLWNWFDITNWLWYIKIFIMIVGGLVGLRIVLAVISVVNRVRQGYSPLSLQTHLPTPRGPDGPEGTAEEGGGRGRDTSVRL

>B.2001.KY968395.-

MEPVDPRLEPWKHPGSQPKTDCTNCYCKKCCFHCQVCFLKKGLGISMAGRSGDSDEGLLQTVRIIKLLYQSKYMMLSLTILTIVAFVIVTIIAIVVWSIVFIEYRRILRQRKIDRLIDRIAERAEDSGMRVKGIRKNCQLLWRWGTMLLGMLMICSAVGQLWVTVYYGVPVWKEATTTLFCASDAKAYDTEVHNVWATHACVPTDPNPQEVVLENVTENFNMWKNNMVEQMQEDIISLWDQSLKPCVKLTPLCVTLNCTNANCTNANNTCNATSSEALRDVKNCSFKVTTNIRDKMKTEYALFYKLDLVPIDNDNTSYTLISCNTSVITQACPKVSFEPIPIHYCTPAGFAILKCNDKKFNGKGSCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEDIVIRSENLTNNAKTIIVHLNETVKINCTRPSNNTRKGIHIGPGGAFYATGAIIGDIRQAHCNISEKEWNKTLEQIAIKLREKFSNKTIAFNQSTGGDPEIVMHSFNCGGEFFYCNTSQLFNSTWNENDTNTWNGTIGSNITLPCRIKQIINRWQEVGKAMYAPPIKGQIRCSSKITGLLLTRDGGTDSNETETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQRERRAVGIGAMFLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQNNLLKAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCTGKLICTTAVPWNTSWSNKSLEKIWGNMTWMEWDREINNYTNLIYNLLEESQNQQEKNEQELLELDKWASLWSWFDISQWLWYIRIFIMIVGGLIGLRIVFAVFSLVNRVRQGYSPLSFQTRLPVPREPDRPEGIEEEGGERDRDRSVRL

>B.2002.KY968396.-

MEPVDPRLEPWNHPGSQPKTACNNCYCKKCCLHCQVCFIKKGLGISMAGRSGDSDEDLLRTVRLIKFLYQSKYMMQPLVISAIVALVVTAIIAIIVWTIVIIEYRKIVKQRKIDRLIDRIAERAEDSGMRAKEIRKNCQHLWRWGTMLLGMLMICSAADQLWVTVYYGVPVWKEATTTLFCASDAKAYDTEAHNIWATHACVPTDPNPQEVNLTNVTERFDAWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTDYNGNVTANNSSINNSSGGREMEKGEIKNCSFNVTTNIRDKVQKANALLYKLDVVPIDNDTSSYRLISCNTSVITQACPKITFEPIPIHYCAPAGFAILKCKDKKFNGKGDCKNVSTVQCTHGIKPVVSTQLLLNGSLAEEEIVIRSDNFSDNAKTIIVQLNKSVEIKCTRPNNNTRKSINIGPGRAFYATGDIIGDIRQAHCNISKAEWNNTLRKVAIKLREQFKNKTIAFNKSSGGDPEIVMHSFNCGGEFFYCNTTQLFNSTWNETWANDTEGNDTITLPCRIKQIINMWQEVGKAMYAPPISGPINCTSNITGLLLTRDGGNRNTSELLETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGFGAIFLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTTVPWNTSWSNKSQDEIWNNMTWMEWEKEIDNYTNLIYTLIEESQNQQEKNELDLLKLDQWASLWNWFSISNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTHLPAPRGLDRPEGIEEEGGERDRDRSGRL

>B.2003.KY968397.-

MEPVDPSLEPWKHPGSQPKTACNNCYCKKCCFHCQKCFITKGLGISMAGRSGDSDEELIKTVRLIKLLYQSKYMMQTLQILAIVALVVTGIIAIVVWAIVFIEYKRILRQRKIDRLIDRIRERAQDSGTRAREIMRNYQLLWRGGMMLLGILMICSATEKLWVTVYYGVPVWKEATTTLFCASDANAVETEEHNVWATHACVPTDPSPQEMVLENVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTNWHVNNNTTSNNTNSNEVDLKMKEGEIKNCSFNITTGITNKIKKEYALFYDLDVVPIDNNNTSYTLISCNTSIITQACPKVSFEPIPIHYCTPAGFALLKCNDKKFNGSGPCKNVSTVQCTHGIKPVVSTQLLLNGSLAEEEIVIRSENFSDNAKTIIVQLNASIEINCTRPGNNTRRSIHMGWGRAFHATGEIIGDIRRAHCKLNRTKWEKALEQIATKLGEQFKNKTITFNHSSGGDPEIVMHSFNCGGEFFYCNTTQLFNSTWLANGTRLGNDTNNSTEITLPCKIKQIVNRWQEVGRAMYAPPIRGYINCSSNITGLLITRDGGNNNTNETFRPGGGDMRDNWRSELYKYKVVKIEPLGIAPTKAKRRVVQREKRAVGMGAMFLGFLGAAGSTMGAASITLTVQARQLLSGIVQXQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLQDQRLLGIWGCSGKIICTTDVPWNVSWSNKSLDKIWNNMTWMQWEREIDNYTGLIYTLIEESQNQQEKNEQELLELDKWDSLWNWFSITKWLWYIKIFIMIVGSLIGLRIVFSVLAIVNRVRKGYSPLSFQTRLPAQRGPDRPEGTEEEGGEGNRETSGGL

>B.2004.KY968398.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFTRKGLGISMAGRSGDSDEDLLKTVRLIKFLYQSKCMMSPLYIITIVALVVALIIAIIVWSIVFIEYRKIVKQRKIDRLINRISERAEDSGMRVTGIRRNYQPLWKGGTLLLGLLMICSATQNLWVTVYYGVPVWKEATTTLFCASDAKGYSKEVHNIWATHACVPTDPNPQEVLLDNVTENFNAWKNDMVEQMHEDIISLWDESLKPCVKLTPLCVTLDCSDLKNNTNSSMTTTPSSRTGEFMERGEIKNCSFNVTTDIRDKVQQQNAYFYKLDIVPIDNTNRSYRLLSCNTSVITQACPKISFDPIPIHFCAPAGFAILRCNNKTFNGKGPCTNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVLRSDNFSDNAKAITVQLTEPVNITCIRPNNNTRKSISIGPGRAFYATGDIIGNIRKAYCNLSVAQWNNTLRQVVKKLREQFGNKTIIFNSSAGGDPEITMHSFNCGGEFFYCNTTELFNSTWHNXTWNDTERTNSTSNIILPCRIKQIINMWQEVGKAMYAPPISGPITCISNITGLLLTRDGGKNNTENNETFRPAGGDMRDNWRSELYKYKVVKIEPLGIAPTKAKRRVVQREKRAVGLGAMFLGFLGAAGSTMGAASVTLTVQARLLLSGIVQQQNNLLKAIEAQQRLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNASWSNKSQDQIWNNMTWMQWEKEIDNYTELIYTLLEESQNQQEKNEQELLALDKWASLWNWFDISKWLWYIKIFIMIVGGLVGLRIVFIVLSVVNRVRKGYSPLSFQTRFPAPRGPDRPGGIEEEGGERDRDTSERL

>B.2004.KY968399.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISMAGRSGDSDEELLKTVRIIKALYQSKYMMQPLVILAIIALVIVGIIAIVVWTIVFLEYRKILRQRKIDRLIDRIRDRAEDSGMTAMGTRKNYQLLWRGGTMLLGMLMICSAVEQLWVTVYYGVPVWREANTTLFCASDAKVYDTEAHNVWATHACVPTDPNPQEVELKNVTENFNMWKNNMVEQMHKDIISLWDQSLKPCVKLTPLCVALQCTNVTNKNATNTTSDATSTPSSSEEVQMKNCSFNVTSFITNKVKKEYALFYSLDVVPIANENNSYRLISCNTSIITQACPKISFEPIPIHYCAPAGFAILKCNDKKFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSANFSDNAKTIIVQLKEPVEINCTRLNNNTRKRITMGPGRVYYTTGGIIGDIRKAHCNISEEKWNSTLQKIVEKLGEQFKNRTIVFSKSSGGDPEIVMHSFNCGGEFFYCNTTQLFNSTWSTWNSTKGVNGTEEKNITLPCRIKQIINMWQEVGRAMYAPPINGQIRCSSKITGLLLTRDGGTNSTNETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTEAKRRVVQREKRALGLGALFLGFLGAAGSTMGAASLTLTVQARQLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARILAVERYLKDQQLLGLWGCSGKLICTTTVPWNASWSNKSLSTIWNNMTWMEWEREIDNYTGLIYTLIEESQIQQEKNEQELLALDKWANLWNWFDISNWLWYIKIFIMIVGGLIGLRIVFSVLSIVNRVRQGYSPLSFQTRLPTPRGPDRPDGIGEEGGERDRDTSGRL

>B.2000.KY968401.-

MEPVDPSLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISMAGRSGDSDEDLLQTVKFIKFLYQSKHMMQSLQIIAIVSLVVVAIIAIIVWSIVLIEYRKILRQRRIDKLIDRITERAEDSGMRAKVIRKNYQHWWRWGIMLLGMLMICSAEDQKWVTVYYGVPVWKEATTTLFCASDAKAYDTEAHNVWATHACVPTDPNPQEVVMENVTENFNMWKNNMVEQMHEDIISLWDESLKPCVKLTPLCVTLNCTNLKNNNTTTTNTAASPSSGGEIKNCSFNITTGIGKKVRSEYAIFNKLDIVPIDNDNTSYMLISCNTSVITQACPKTSFNPIPIHYCAPAGFAILKCNDKKFNGTGPCTNVSTVQCTHGIRPVVSTQMLLNGSLAEGEVIIRSENLTNNAKTIIVQLNETVEINCTRPTNNTRKSIHMGWGRAFYATGEIIGDIRQAHCNLSAVKWNNTLKQIVRKLKEHFENKTIIFKPSSGGDPEITMYTFNCGGEFFYCNTTQLFNFNSTWNNNDTEGNFTEDNKTTITLPCRIKQIINRWQEVGKAMYAPPIRGQISCSSNITGLLLTRDGGNNTNNNETFRPGGGDMRDNWRSELYKYKVVRIEPLGIAPTKAKRRVVQRERRAVGMGAMFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIDAQQHLLQLTVWGIKQLQARVLAVERYLSDQRFLGIWGCSGKLICTTTVPWNNSWSNKSLETIWNNMTWMQWEKEIDNYTHLIYTLLEQSQNQQEKNEQELLELDKWANLWNWFDITNWLWYIKIFIMIVGGLVGLRIVFTVISIVNRVRQGYSPLSFQTHLPAARGPDRPEGIGEEGGEQDRDRSNRL

>B.2000.KY968402.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISMAGRSGDSDEKLLQTVRIIKLLYQSKYMMLSLEILAIVALVVAAILAIVVWTIVLLEYRKILRQRKIDRLIDRIAERAEDSGMRVMEIRRNYQHWWRWGITLLGILMICSATEKLWVTVYYGVPVWKETTTTLFCASNAKAYATEVHNVWATHACVPTDPDPQELVLSNVTEKFDMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTALKTNSTTSDSTSNGTVSPAREEMTNCSFNVTTNIRNKIQKEYALFDKLDVVPTQDNNNSYILRNGNASVLTQACQKVSFEPIPIHYCTPAGFALLKCNDKKFNGTGLCTNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRSQNFSDNAKIIIVQLNESVVINCTRPNNNTRRGIHMGPGGVFYATGDIIGDIRQAHCNISSKEWNKTLGQIAKKLREQFGNKTIAFNQSSGGDPEIVMHSFNCGGEFFYCNTTKLFNSTWSNNDTGEGTADSNNETITIPCRIKQIINMWQQVGKAMYAPPISGNISCSSNITGLLLTRDGGDNDDLNGTETFRPQGGNMKDNWRSELYKYKVVKIEPLGVAPTKAKRRVLQRDKRAVGLGAMFLGFLGAAGSTMGAASIALTVQTRQLLSGIVQQQNNMLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTTVPWNTSWSNKSLGDIWDNMTWMEWERQIENYTDLIYTLLEDSQRQQEQNELELLKLDTWDSLWSWFSISNWLGYIRIFIIVVGGLIGLRIIFAVFSIVNRVRQGYSPLSFQTHLPVPGGPGRPEGIEGEGGERDRGRSVRL

>B.2000.KY968403.-

MEPVDPRLEPWKHPGSQPRTPCNSCYCKKCCFHCQVCFITKGLGISMAGRSGDSDEDLLRTVRLIKFLYQSKYMMQLLVILAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLLDRIIDRAEDSGMRAKGIRKNYQGLWKWGIMLLGMLMICSATKNLWVTIYYGVPVWKEATTTLFCASDAKAYDTEVHNVWATHACVPTDPNPQEIRLENVTENFNMWKNNMVEQMHEDIISLWDESLKPCVKLTPLCVTLNCTNLNNATNANISQRIEGEMKNCSFNVTSNIGNKMQKEYALFYKLDVVPIEGDNTSYTLIHCNTSVITQACPKVTFEPIPIHYCTPAGFAILKCNDNEFNGTGPCKNVSTVQCTHGIRPIVSTQLLLNGSLAEEGVVIRSENLTNNAKTIIVQLNESVVINCTRPSNNTRKGIHLAWGRTIYATGEIIGDIRQAHCNLTKRQWEDTLKKVAIKLQEQFKNKTIVFNHSSGGDPEIVMHTFNCGGEFFYCNTSKLFNNTWNGTAWPSTEENETITLPCRIKQIINRWQEVGKAMYAPPIKGVISCSSNITGLLLTRDGDNNNGSETFRPGGGDMRDNWRSELYKYKVVRIEPLGIAPTEAKRRVVQREKRAVGMGAMFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQNNLLRAIKAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTTVPWNASWSNKSLDEIWNNMTWIQWEREIDNYTNIIYTLIEESQNQQEKNEQDLLALDQWANLWNWFSISNWLWYIKIFIMIVAGLVGLKIVFSIISIVNRVRQGYSPLSFQTLLPVPRGPDRPEGIEGEGGERGRDTSTRL

>B.2000.KY968404.-

MEPVDPNLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTTKGLGISMAGRSGDSADEDLLRIVRTIKFLYQSHVMQTLGIVSIVALVIAAIVAIVVWSIVLIEYRKILRQRKXDRLIDRIRERAEDSGMRVKGIRKNCQHLLRWGILLLGTLMICSTGEPLWVTVYYGVPVWREATTTLFCASDAKAYDTEVHNVWATHACVPTDPNPQEIILANVTEEFNMWKNNMVEQMQEDIISLWDQSLKPCVKLTPLCVTLNCSDANVTRATNISWGEAIGKGEIKNCSFNVTTNMRDKVKKAYANFYNLDIVQIDNDNTSYILRSCNTSVITQACPKITFEPIPIHYCAPAGYAILKCRDKKFNGTGTCRNVSSVQCTHGIRPVVSTQLLLNGSLAEEEVIIRSENFSNNAKTIIVQLNDPVVINCTRPXNNTRRSIPIGPGRAFYATGDIIGDIRQAHCNVSRTKWNETLEKIVKKLQEIEFKNKTIVFNHSTGGDPEIVMHSVNCGGEFFYCNTTQLFYSTWLSNGSSLTNNTEGNDTITLPCRIKQIINMWQQVGKAMYAPPIKGLIRCSSNITGLLLTRDGGSHNESNETETFRPGGGDMRDNWRSELYKYKVVQIEPLGIAPTKAKRRVVQREKRAVGLGALFLGFLGTAGSTMGAASLTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAIERYLKDQQLLGIWGCSGKLICTTTVPWNTSWSNKSLNQIWDNMTWMQWDKEINNYTTLIYTLIEESQIQQEKNEQELLKLDSWASLWNWFDISNWLWYIKIFIMIVGGLVGLRIIFTVLSIVNRVRQGYSPLSLQTRLPAQRGPDRPEGIEEEGGERDRDTSRQL

>B.2001.KY968407.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKRCCLHCQVCFIRKGLGISMAGRSGDSDEDLLKTVRLIKFLYQSKYMMQSLQILAIVALVVAAIIAIVVWTIVFLEYRKILRQKKIDRLIDRIRERAEDSGMRVKGIRKNCQLLWRGGILLLGILMICSATENLWVTVYYGVPVWKEXTTTLFCASDAKAYDTEXHNVWATHTCVPTDPNPQEVKLENVTENFNMWKNGMVEQMXEDIISLWDESLKPCVKLTPLCVTLHCTNANGTVNNSSNRTTNASLEKMEGEIKNCSFNITTGRGNEMKKEYALFYTFDVVPINDDNTSYMLTHCNTSVIKQACPKVSFEPIPIHYCTPAGFALLKCNDKKFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEKEIVIRSENFTDNAKTIIVQLNKSVVINCTRPNNNTRKSIPIGFGRALYATGEIIGDIRQAHCNLSTESWKETLKQVAEKLKEQFGNKTIVFNQSSGGDPEITMHTFNCGGEFFYCNSSKLFNSIWWSNNTNTTEGIAGKNITLPCRIKQIINRWQEVGKAMYAPPISGLVRCSSNITGLLLTRDGGKDNENSNNRTETFRPGGGNMKDNWRSELYKYKVVKIEPLGVAPTRAKRRVVQREKRAVTIGAVFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVESYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSYNEIWDKMTWMEWEREIDNYTGLIYTLIEESQNQQEKNEQDLLALDKWADLWNWFSITNWLWYIRLFIMIVGGLIGLRIIFTVLSIVNRVRQGYSPLSFQTRLPTQRGPDRPEGIEEEGGERDRDRSGRL

>B.2001.KY968408.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISMAGRRGDSDEDLLRAVRLIKVLYQSKYMMPSLQILAIVALVVAAILAIVVWTIVFIEYRKILRQRKIDRLIDRIREREEDSGMRARGIRKNYQSLWRWGTMLLGMLMICSATENLWVTVYYGVPVWKEATTTLFCASDAKAVDKEVHNVWATHACVPTDPNPQELVLENVTENFNMWKNDMVEQMHEDIISLWDQSLKPCVKLTPLCVMLNCTDYTNNSTNSTNLEQMKGEIKNCSFNITTNIKNKIQKEYALMYKLDLMPISNDNTSYTLINCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDKKFNGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEGEIVIRSENFTNNVKTIIVQLNESIAINCTRPNNNTRKGIHIAWGRTFYATGEIIGDIRQAHCNLSGAEWEKTLERVAKKLREQFNNKTIVFNQSSGGDPEIVMHSFNCGGEFFYCNTTKLFNKTWNGTWLNNENTTQNITLPCRIKQIINRWQEVGKAMYAPPIKGQISCSSNITGLLLTRDGDNETGSETFRPGGGDMRDNWRSELYKYKVVKIQPLGVAPTKAKRRVVQREKRAVGIGAVFLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNISWSNKSQDDIWNNLTWMQWEKEIDNYTGLIYTLLEESQNQQEKNELELLELDKWASLWNWFDISNWLWYIKLFIMIVGGLVGLRIVFAVLSIVNRVRQGYSPLSFQTHLLAPRGPDRPGGIEEEGGERNKERSTRL

>B.2015.KY989949.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCPVCFTKKGLGISYGRKKRRQRRRTHQDSATHQASVSKQ\*VVHVMQPLVIIAIIALVVVAIIAIVIWSIVLIEYRKILRQRKIDRLIERIIDRAEDSGNESEGDQEELSALVERGHLAPWNVDDM\*YCSPIVGHSLLWGTSMERSNRYSILCIRC\*GI\*DRGTQCLGHTCLCTYRSQPTRNNNGKCDRKF\*HVEK\*HGRTDARGYNQFMG\*KPKAMCKINSTLCYFKLH\*LSE\*YNREGRNKKLLFLYHPRHER\*EADSICTFL\*TRCSTNR\*\*\*\*\*Y\*\*\*\*\*L\*VDKL\*YLSHYTGLSKGIF\*TNSYTLLYPGWFCAPKM\*Q\*DIQWNRTMYKCQYSTMYTWN\*TSSVNSTAVKWQSSRRRDSN\*I\*KLFEQC\*NHNSTADKTCSN\*LYKTQQQYKKKYTYRTRKSILCNRRHNRRYKTSTL\*H\*\*KRME\*NFKADSWKIKRTI\*E\*NHSL\*QVLRRGPRNCNAQFQLWRGILLL\*YNTTV\*QYMG\*\*\*KLN\*\*YQ\*RQ\*HNHTPM\*NKTNHKHVAGNRKSNVCPSHQWTN\*MFIKYHRTAINKRWWQHKQPQHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSFVSWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFADGD\*GATTHVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHH\*CALE\*\*LE\*\*ISRGDLE\*HDLDAVGKRN\*QLHRLNIQPN\*KIAXPARNE\*IRINEIG\*MGKFVELV\*HNXLAVVYKNLHNDSRGLNRFKNSFYCTFYNK\*S\*AGILTNIVADPPPSSEGTRQARRNRRRRWRERQRQIRRH

>B.2015.KY989951.-

MEPVDPRLEPWKHPGSQPKTACNKCYCKGCCLHCXVCFLQKGLGISYGRKKRRQRRRPPPDSQINQDSLPKQ\*VVHVMNTLYISSIVALVIAGILAIVVWSIVLIEYRKILRQRKIDRLIDRIADRAEDSGNESEGDQEELAALVEMGHHAPWDIDDL\*CYRR\*VGHSLLWGTCVERSNHHSILCIRC\*II\*YREA\*YLGHTCLCTYRPQPTRNKIGKCDRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKTNPTLCYFKLH\*S\*EN\*WN\*K\*\*YNV\*GYYKDGKKLLFQYYHRHKR\*DTERICNFL\*G\*FSTNR\*\*\*\*YQ\*\*C\*LYFDKL\*HLSHYTGLSKGNL\*ANSHTLLCPGWFCASKV\*Q\*DFQWIRXM\*QC\*HSTMYTWN\*ASSINSTAAKWQSSRRRNSN\*VCKLHEQC\*NHHSTAK\*IYRN\*LYKAQQ\*HKKRYTYGTKKNIXCNKKNGKNNRRYKTSTL\*H\*\*RKME\*YFRTDSGEIKKAIWKQ\*NNSLQAILRRGPRNCNAQF\*LWRGIFLL\*YNKTV\*\*YLE\*\*WNLVWY\*\*VRYKYHTPM\*NKTNYKHVAGSRKSNVCPSHQRTNQM\*LKYYGANVNKRWW\*EQHRD\*DLQTWRRRYEG\*LEK\*XIQI\*SSKX\*TIRSSTH\*GKKKSGAERKKSSGDRSSVPWVLGSSRKHYGRSVXNADGTGQTIVVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCRKIPKGSTAPGNLGLLWKAHLXH\*CALECELE\*\*ISXGHLE\*HDMDGVGKRN\*QLHKHNIPLTSRIANPARK\*\*KRIIRIR\*MGKFVELV\*HNKMAVVYKNIYNDSRRLDRFKNSFYCIVYNK\*S\*AGILTIIVSDPXPSPGGTRQARRNRRRRWRARQRQIEAI

>B.2015.KY989953.-

MEPVDPRLEPWKHPGSRPRTPCNNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAPQNSSTHQESLSKQ\*VVHVMKSLEIAAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHDAPWDVNDL\*CCKQLVGHSLLWGTCVERCNNHFILCIXC\*SI\*YRGT\*CLGHTCLCPHRPQPTRSSIGKCDRKF\*HVEQ\*HGRPNA\*GYNQSMGSKSKAMYKINPTLCYFKLHWGGRS\*CH\*I\*Q\*\*FGNGKR\*NDKLLIQRHRHRG\*EAKTIWSFL\*I\*FSINR\*E\*YWKLL\*P\*\*ESEKE\*\*L\*DLY\*I\*VDPL\*YLNYYTSLSKSNL\*SNSHTLLCPGWFCDSKV\*\*\*EVQWIRAMYKCQHSTMYTWN\*ASSVNTTTVKWQSSRKRDSN\*IQQFLKQC\*NHNSAVE\*ICIN\*LYETQQQYKERCTSRTQKSIFYNRRSNRRYKTSTL\*H\*\*DKMGGHFKKGSSKIK\*TIWE\*NNKV\*ALLGRGPRNCNAQF\*L\*RGIFLL\*YNKTV\*QHLGSK\*QHSGPNTV\*\*YWA\*\*YYHTPM\*NKAIYKHVAGSRKSNVCPSHQRKHYMFIKHYRATNNERWW\*YPEQYPEQ\*Y\*Q\*D\*DLQTCRRRHEGQLEK\*II\*I\*SSKN\*TIRGSTHQGKKKGGAERKKRSNRSYVPWVLGSSWKHYGRSVNDADGTGQTITVWYSAAAEQPAEGY\*GATASVATHSLGXQAAPGKSPSCGKIPKGSTAPRXLGLLWKTHLHHRCALE\*\*LE\*\*KSDTNLG\*HDLDAVG\*RNQQLHTCNIQLT\*GSAKPARKE\*TRTIGIG\*VGKFVDLV\*HIKLAVVYKNIHNDSRRLDRLKNNFYCTFYSE\*G\*AGILTIVIADPLPSSEGTRQARRNRRRRWRERQRQIRDI

>B.2015.KY989954.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQGSPTNQESLSKQ\*VVYVMQPLQPLSIVAIVALVIVAIIAIIVWSIVLIEYRKILRQRKIDRLIDRIREREEDSGNESDGDQEELSALVEMGHHAPWVVDDQ\*G\*RFVGHSLLWGTCVERSNHHSILCIRC\*RI\*DRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCHFKLH\*CG\*YY\*N\*CG\*YYWS\*CQ\*QQWGRRNEKLLLQYDHKHKRQGAETICTFLYT\*YSTNRQQ\*\*L\*VDKL\*YLNHHTGLSKNIL\*ANSNTLLYPGWFCASKV\*Q\*DIQWDGTM\*KCQHSTMYTWNQASSIHSITVKWQSSRRRGNTQICQFHRQY\*SHNSTFE\*ICRN\*LYKTQ\*QYK\*KYTYRTRESILCNR\*GNRRYKTSTL\*H\*CSKMEYCYNQDSYKIKRTIQ\*NNSL\*QLLRRGSRNCNA\*F\*LWRRIFLL\*YNTTV\*\*YLE\*WYLEWEC\*EYHTPMQNKTNHKHVARSRKSNVCPSHQRTN\*VLIKHYRTDINKRWWQ\*Q\*YQWHRDLQTWRRRYEG\*LEK\*II\*IQSNRT\*TIRNSTHQGKETSGAERKKSSGTRSHVLWVLGCSRKHYGRSVSDADGTGQTLVVWYSATAKQFAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPTRSTAPRALGLLWKTHLHHCSALEF\*LE\*\*ISR\*HLAQHDLDAVGKGNWELHRLNIHFN\*SLAKPTRKE\*TRIVGIG\*MGKFVELV\*HNTMAVVHKNIHNDSRRLDRF\*NSFYCTFYSE\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRERQRHIRXI

>B.2015.KY989956.-

MEPVDPRLAPWEHPGSQPKTACTKCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRPPQDSQANQDPLRKQ\*VVYVMQSIQIAAIVGLVVAAIIAIVVWTIVLIEYRRLLRQRRINRLIDRIRERAEDSGNESEGDQDELSKMVDRGHLAPWDIDDL\*C\*RTIVGHNLLWGTCVEGSNHHSILCLRC\*SI\*SRGT\*YLGHTCLCAHRPQPTRNRIGKCDRKL\*HVEK\*YGRANAGGYNQFVGSKPKAMCKIDSTLCYFKLH\*CGK\*Y\*\*QS\*\*H\*WQL\*\*LGKDGARRNKKMLFQYYHKHAR\*EAERICTFL\*T\*CSTNR\*\*\*\*\*\*L\*VDKL\*YLSHYTGLSKGNF\*ANSYTLLCPGWFCDSKV\*HKRVQWNRAM\*QCQHSTMYTWN\*ANSVNSTTVKWQSSRRRGSH\*I\*KYHRPS\*KHHSTAE\*VCKHYLCKTQQQYKKKCTHGTRECMVCNRRHNRRYKTSPL\*H\*\*K\*LAKRLKAGSHKIKRTV\*\*NNKLC\*TCRRGPRS\*TAQF\*LWGRIFLL\*YNKTV\*\*\*LGYEQPK\*HRSK\*QQRSKDHTPMQNKTNYKYVAGSRQSNVCPSHQRTN\*MCIRYYRAAINKRWYWKRYP\*NL\*TWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSIGNTRSCVSWVLGNSREHYGRSVTDADGTGQTIIIWYSATAEQSAESY\*CTTASVATHGLGHQTAPGKSPSCGEIPKGSTAPRDLGLLWETHLPHCCALEC\*LEQ\*ISG\*YLE\*HDLDGVGQRS\*QLHKHNIQFN\*AIANPARKE\*TRIIRIG\*MGKFMELV\*YIKLAVVYKNVHNDSRRLDRFKNSFCYTFYSK\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1987.L02317.AIDS



>B.1983.L07422.-

MEPVDPNLEPWKHPGSQPRTACNNCYCKKCCFHCYACFTRKGLGISYGRKKRRQRRRTPQDSQTDQASLSKQ\*VINVMQSLQILAIVSLVVVAIIAIVVWTIVLIEYRKILRQRKIDRLFDRIREKAEDSGNESERDQEELSALVEMGHLAPWDVDDL\*C\*RKIVGHSLLWGTCVEGSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*FGEGYNQ\*\*\*LERRNKRRNKKLLFLYHHKHKR\*DSERKCTFS\*P\*CSTNR\*C\*YYYQLYQL\*VDTL\*QISHYTGLSKGII\*ANSHTLLCPGWFCDSKV\*\*\*NVQWKRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*QFHGQC\*NHNSTAE\*ICSN\*LYKTQQQYKKRYPYRTRESSLYNRKNNRRYKKSTL\*R\*\*NTME\*HFRTDS\*KIKRTVWE\*\*NNSL\*SILRRGPRNCNAQF\*L\*RGIFLL\*YSTTV\*\*YLESK\*H\*RK\*H\*PNHTPM\*NKTNYKHVAGSRKSNVCPSHWRTN\*LFIKHYRAAINKRWWYKWN\*\*HRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRTVNDADGTGQKIIVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*IYGRHLG\*HDLDAVGKRN\*QLHKHNIHLT\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGILTIIISDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.1983.L31963.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMTKALGISYGRKKRRQRRRAHQNSQTHQASLSKQ\*VVHVMQPIPIVTIVALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALVEMGVEMGHHAPWDIDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RENDNGERRDKKLLFQYQHKQKR\*GAERICIFL\*T\*YNTNK\*\*YYQLYVHKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHGQC\*NHNSTAEHICRN\*LYKTQQQYKKKIPYPEGTRESICYNRKNRKYETSTL\*H\*\*SKMECHFKTDS\*QIKRTIWK\*\*NNNL\*AVLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*\*YFEY\*RVK\*H\*RK\*HNHPPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWW\*\*QQ\*VRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLESHDLDGVGQRN\*QLHKLNTLLN\*RIAKPARNE\*TRIIGIR\*MGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFCCTFCSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.1984.M13137.AIDS

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAHQDSQNHQASLSKQ\*VVHVMQSLEIVAIVELVVAAIIAIVVWTIVFIEYRKILRQRKIDRVN\*\*NKRKRRRQWQ\*ERRGSGRIVSTCGDGAPCSLEC\*\*SVVLQQTCGSQSIMGYLCGKKQPPLYFVHQMLKHMIQRHIMFGPHMPVYPQTPTHKK\*YWKM\*QKILTCGKITW\*NRCMRI\*SAYGIKA\*SHV\*N\*PHSVLL\*IALI\*ILIILLILLNYQ\*\*\*FGNNGVKEK\*ETVLSISPQA\*EIRCRENMHCFINLM\*NQ\*MIIKILPTTPNIG\*\*IVTPQSLHRPVQRYPLSQFPYIIVPRLVLHF\*SVTIRSSMGQDHVQMSAQYNVHMELGQ\*CQLNCC\*MAV\*QKKR\*\*LDLKISRTMLKP\*\*YS\*MYL\*KLIVQDPTTIQEKG\*R\*DQGEYGIQQEKY\*EI\*GKHIVTLVEHNGITLYNR\*LQP\*ENNLGIKQ\*PLINPQEGTQKL\*CTVLIVEGNFSTVIQHSCLIALGMLLVMVLGVLLESKKTLETLSHSHAE\*NKL\*TGGRL\*EKQCMPFPSKD\*LDVHQILQGCY\*QEMVVVRTRPPRSLDLEEEI\*GTIGEVNYINIK\*\*KSNH\*E\*HPPRQREEWCREKKEQWEC\*ELCSLGSWEQQEALWAQRQWR\*RYRPDNYCLV\*CNSKTIC\*ELLRRNSICCNSQSGASSSSRQESWLWKDT\*RINSS\*GFGVALENSFAPLLCLGMLVGVIKLWIRFGIT\*PGWSGTEKLTITHT\*YTL\*LKNRKTNKKRINRNYCN\*ISGQVCGLGLT\*QNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLCFL\*\*IELGRDTHHYRFRPSSQTRGDPTGPKEPKKEVEREAETDPLD\*

>B.1983.M14100.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRPPQGSQTHQVSLSKQ\*VIHVMQPIQIAIVALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALVEMGVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCRCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RENDNGERRDKKLLFQYQHKHKR\*GAERICIFL\*T\*YNTNR\*\*YYQLYVDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHGQC\*NHNSTAEHICRN\*LYKTQQQYKKKNPYPEGTRESICYNRKNRKYETSTL\*H\*\*SKMECHFKTDS\*QIKRTIWK\*\*NNNL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHTPMQNKTIYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*QQWVRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTTLHHCCALEC\*LE\*\*ISGTDLESHDVDGVGQRN\*QLHKLNTLLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFCSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.1983.M15654.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRPPQGSQTHQVSLSKQ\*VVHVMQPIQIAIVALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALVEMGVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RENDNGERRDKKLLFQYQHKHKR\*GAERICIFL\*T\*YNTNR\*\*YYQLYVDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSGRRRGSN\*ICQFHRQC\*NHNSTAEPICRN\*LYKTQQQYKKKYPYPERTRESICYNRKNRKYETSTL\*H\*\*SKME\*HFKTDR\*QIKRTIWK\*\*NNNL\*AVLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHPPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWW\*\*QQ\*VRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLE\*HDLDGVGQRN\*QLHKLNTLLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFCSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.1984.M17449.AIDS

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAPEDSQTHQVSLPKQ\*VVHVMQPLVIAAIVALVVAGIIAIVV\*SIVFIEYRKIRRQRKIDRLIDRISERAEDSGNESEGDQEELSALVGMGHDAPWVINDL\*CYRKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTSLCTHRPQPTRSRIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEEYY\*YQ\*\*YC\*\*Q\*\*\*RGNNKGRRNEKLLFQYHHKHKR\*DAERICTSL\*T\*YSINR\*\*\*YQL\*VDKL\*YLSHYTSLSKDIL\*ANSHTLLCPGWFCDSKM\*R\*KVQWKRIM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*I\*EFH\*\*C\*NHHSTSE\*ICTN\*LYKTQLQ\*KKKDTYRTRESILYNKKYNRNYKTSTL\*H\*\*SKME\*HFKTDS\*QIKRTI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YITTV\*\*YLEW\*\*YLE\*YYRVK\*QYHTSMQNKTNYKHVAGSRKSNVCPSH\*RTN\*MFIKYYRATINKRWW\*GHGHERHRDLQTWRRRYEGQLEK\*II\*I\*SSNN\*TIRSSTHQGKEKSGAERKKSSDRSSVPWVLRSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAEGH\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGVLGLLWKTHLHHYCALEC\*LE\*\*ISG\*YLE\*HDLDAVGKRN\*QLHKLNILITRKIANPTRKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIVVADPPPSSEGTRQARRNRRRRWRERQRHIRSI

>B.1984.M17450.AIDS

MDPVDPRLEPWKHPGSQPKAACTSCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQVSLPKQ\*VIHVMQPLQILSIVALVVAAIIAIVVWSIVFILI\*ENIKTKKNRQVN\*\*NKRKSRDSGNESEGIRKELSALVEMGHDAPGDIDDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*YLGHTCLCTHRP\*PTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEE\*Y\*HQCY\*YH\*\*\*SGKDGGRRNDKLLFQYHHKHKK\*GTERICTFL\*TRCSTNR\*YELYVDKL\*HLSHHTSLSKGIL\*ANSHTLLCPVVCDSKL\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSPAVKWQSSRRRGST\*V\*KFHGQC\*NHNSTAERSCRN\*LYKAQQQYNKKYTYRTRESILCNRRHNRRYKTSTL\*H\*\*SKME\*HFKTDSYKIKRPI\*E\*NNNL\*SILRRRPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEWY\*RVK\*HWRK\*HNHPPMQNKRNYKHVAGSRKSNVCPSHQRTS\*MFIKYYRAAINKRWW\*\*QEW\*QE\*EHRDL\*TGRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRYVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*IFGQDLG\*HDLDGVGKRN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFYSE\*S\*AGIFTIIVSDPPPKPEGTRQARRNRRRRWRERQRQIRSI

>B.1983.M17451.symptomatic

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCYHCQVCFLTKGLGISYGRKKRRQRRGPPQGSQTHQVSLSKQ\*VVYVMQSLEILAIVALVVAAILAIVVWTIVGIEIRKTLRQKKK\*TG\*LIE\*EKEQKTVAMRVMEMRKNCQHLWKWGTMLLGMLMICSAAEDLWVTVYYGVPVWKEATTTLFCASEAKAYKTEVHNVWAKHACVPTDPNPQEVLLENVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTDANLNGTNVTSSSGGTMMENGEIKNCSFQVTTSRRDKTQKKYALFYKLDVVPIEKGNISPKNNTSNNTSYGNYTLIHCNSSVITQACPKVSFEPIPIHYCTPAGFAILKCNDKKFNGTGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSENFTDNVKTIIVQLNASVQINCTRPNNNTRKSITKGPGRVIYATGQIIGDIRKAHCNLSRAQWNNTLKQVVTKLREQFDNKTIVFTSSSGGDPEIVLHSFNCGGEFFYCNTTQLFNSTWNSTEGSNNTGGNDTITLPCRIKQIVNMWQEVGKAMYAPPISGQIKCISNITGLLLTRDGGEDTTNTTEIFRLGGGNMRDNWRSELYKYKVVRIEPLGVAPTRAKRRVVQREKRAVGTIGAMFLGFLGAAGSTMGAGSITLTVQARHLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTTVPWNASWSNKSLNMIWNNMTWMQWEREIDNYTGIIYNLLEESQNQQEKNEQELLELDKWANLWNWFDITQWLWYIRIFIMIVGGLVGLKIVFAVLSIVNRVRQGYSPLSFQTHLPAPRGPDRPEGIEGEGGERDRDRSGGA

>B.1988.M26727.asymptomatic

MEPVDPRLEPWKHPGSQPKTASNNCYCKRCCLHCQVCFTKKGLGISYGRKKRRQRRRAPQDSKTHQVSLSKQ\*VIHVIYSLQILAIVALVVVTIIAIVVWTIVLLEYRKILRQRKIDRLIDRIRERAEDSGNDSEGDQEELSALVEMGHHAPWDVDDM\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*SICYRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*YGRTNARRYNQFMGSKPKAMCKINPTLCYFRLH\*C\*YH\*\*\*FEECY\*YHK\*\*LGNDGERRIKKLLFQYHHKHKR\*DAGTICTFL\*T\*CITNR\*E\*Y\*I\*VNTL\*HLNHYTGLSKDIL\*ANSHALLYSGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQPSRRRGNN\*I\*QFHKQC\*NHNSTAE\*ICRN\*LYKTQQQYKKQDINRTRESISYNKTNNRRYKTSTL\*P\*\*SNMGENFRTDSYKIKKTI\*E\*NNSL\*SILRRGSRNCNAQF\*LWRGIFLL\*YITTV\*\*YLE\*YYKGK\*H\*SNYHTPM\*NKTNCKHVAGSRKSNVCPSHQWTN\*MFIKDYRAAINKRWW\*EHHERDRNLQTCRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRTVDDADGTGQTIIVWYSAAAEQSAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKAHLHHYCALEC\*LE\*\*ISE\*DLG\*HDLDAVGKRN\*QLHTLNIHLN\*RIAEPTGKE\*TRIIGIG\*VGRFVELV\*HNKLAVVYKNIHNNSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.1985.M37491.-

MEPVDPRLEPWKHPGSQPKTECTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQNSQNHQIPLPKQ\*VVYVMQSLQIVAIVALVVAAIVAIVVWTIVLVEYRKILRQKKR\*TG\*LIE\*EKEQKTVAMRAREIRTNWQHLWRWGTMLLGMLMICSATENLWVTVYYGVPVWKEATTTLFCASDAKAYDTEVHNVWATHACVPTDPNPQEVKLKNVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTNWKNDTDTNTTNSSSGEKMEEGEIKNCSFNITTSIRNKLQKGYALFYKLDVVPIDNDNTSYTLINCNTSVITQACPKVSFEPIPIHYCAPAGFVILKCKDKNFNGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEGEVVIRSENFTNNAKTIIVQLNESIVINCTRPYNTKKIRHIHIGPGRAFYVTGGIMGDIRQAHCNLSRAEWESTLKQVATKLREQFGNKTIVFKQSSGGDPEIVTHSFNCGGEFFYCNSTQLFNSTWMSNSTGNDTTGLNITLPCRIKQIINRWQEVGKAMYAPPIEGQIRCSSNITGLLLTRDGGINGTNDTETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGVIGAMFLGFLGAAGSTMGAASMALTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSLEEIWDNMTWMEWEREINNYTGLIYTLIEQSQNQQEKNEQELLALDTWASLWNWFSISNWLWYIRIFIMIVGGLVGLRIVFAVLSIVNRVRQGYSPLSFQTRLPTPRGPDRPEGIEEEGGERDRDRSGPL

>B.1985.M37573.-

MEPVDPRLEPWKHPGSQPKTDCTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQNSQNHQVPLPKQ\*VVYVMQSLQILAIVALVVAAIIAIVVWTIVLVEYRKILRQKKDRQVN\*\*NKRKSRRQWQ\*ERRRSG\*IGGTCGDGAPCSWGC\*\*SVGLQNNCGSQSIMGYLCGKKQPPLYFVHQMLKHMTQRYIMFGPHMPVYPQTPTHKK\*NWEM\*QKILICGKITW\*NRCMRI\*SVYGIKA\*SHV\*N\*PHSVLL\*IALIGRMILIPLIVVVGKKWRKEK\*KTALSISPQV\*EISCRKNMHFFINLM\*YQ\*IMIIQAIS\*\*IVTPQSLHRPVQRYPLNQFPYIIVPRLVL\*F\*SVRIRISMEQDHVQMSAQYNVHMELGQ\*CQLNCC\*MAV\*QKER\*\*LDLKISRTMLKP\*\*YS\*MNL\*\*LIVQDPTTLKKIRHIHIGPGRAFYATGGIMGDIRQAHCNLSRAEWESTLKQVAILRRGPRNCNAQF\*LWRGIFLL\*FDTAV\*\*YLDV\*\*YWE\*YYRVKYHTPVQNKTNYKQVAGSRKSDVCPSHRRTN\*MFIKYYRVTVNKRWWYKRDQRHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGSDRSYVPWVLGSSRKHYGRSVDGADGTGQTIIVWYSATAEQSAEGY\*GATASAATHSLGHQTAPGKSPGCGKILKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISRGDLG\*HDLDGVGERN\*QLHRLNIHLN\*TIAEPTRKE\*TRIIGIGYVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKDSFCCTFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.1985.M37574.-

MEPVDPRLEPWKHPGSQPKTDCTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQNSQNHQVPLPKQ\*VVHVMQSLQILAIVALVVAAIIAIVVWTIVLVEYRKI\*RQKKIDRLIDRIRERAEDSGNESEGDQDELAALVEMGHHAPGDVDNL\*YCRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSKIEKCDRKF\*YVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LEECY\*YH\*\*\*\*WEKNGGRRNKKLLFQYHHKYKK\*GAERICTFL\*T\*CSTNR\*\*\*YKLYVDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*EFQWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*KFHEQC\*NHNSTAE\*IYSN\*LYKTLQH\*KNKTYTYRTGESILCNRRHNGRYKTSTL\*P\*\*SRMGEHFKTGSYKIKRTIWE\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*FDTAV\*\*YLDV\*\*YWE\*YYRVKYHTPVQNKTNYKQVAGSRKSDVCPSHRRTN\*MFIKYYRATVNKRWWYKRDQRHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGSDRSYVPWVLGSSRKHYGRSVDGADGTGQTIIVWYSATAEQSAEGY\*GATASAATHSLGHQTAPGKSPGCGKILKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISRGDLG\*HDLDGVGERN\*QLHRLNIHLN\*TIAEPTRKE\*TRIIGIGYVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKDSFCCTFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.1985.M37575.-

MEPVDPRLEPWKHPGSQPKTDCTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQNSQNHQIPLPKQ\*VVYVMQSLQISAIVALVVAAIIAIVVWTIVLVEYRKILRQKKDRQVN\*\*NKRKSRRQWQ\*ERGRSG\*IGSTCGDGAPCSWGC\*\*SVVLQNNCGSQSIMGYLCGKKQPPLYFVHQMLKHMTQRYIMFGPHMPVYPQTLTHKK\*N\*KM\*QKILICGKITW\*NRCMRI\*SVYGIKA\*SHV\*N\*PHSVLL\*NALIGRMLITPIVVEKKWRKEK\*KTALSISPQV\*EIRCRKNMHFFINLM\*HQ\*IMIIQAIR\*\*IVTPQSLHRPVQRYPLNQFPYIIVPRLVL\*F\*SVRIRISMEQDHVQMSAQYNVHMELGQ\*CQLNCC\*MAV\*QKER\*\*LDLKISRTMLKP\*\*YS\*MNL\*\*LIVQDPTTRKK\*DICI\*DQGEHFMQQEA\*WEI\*DKHIVTLVEQNGRAL\*NR\*LQN\*ENNLGIKQ\*SLSNPQEGTQKL\*RTVLIVEGNFSTVIRHSCLIVLGCLIVLGMILQG\*ISHSRAE\*NKL\*TGGRK\*EKRCMPLPSKDKLDVHQILQGYC\*QEMVV\*MGPTTPRPSDLEEEI\*GTIGEVNYINIK\*\*KLSH\*E\*HPPRQREEWCREKKEQWE\*\*ELCSLGSWEQQEALWAQRRWR\*RYRPDNYCLV\*CNSRTIC\*GLLRRNSICCNSQSGASSSSRQESWLWKDT\*RINSS\*GFGVALENSFAPLLCLGILVGVINL\*RRFGIT\*PGWSGREKLTITQA\*YTP\*LNNRRTNKKRMNKNYWHWIRGQVCGIGLAYQTGCGI\*EYS\*\*\*\*EV\*\*V\*G\*FLLYFL\*\*IELGRDTHHCHSRPASQPRGDPTGPKESKKKVERETETDPVN\*

>B.1985.M37576.-

MEPVDPRLEPWKHPGSQPKTDCTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQNSQNHQVPLPKQ\*VVYVMQSLQISAIVALVVAAIIAIVVWTIVLVEYRKILRQKKDRQVN\*\*NKRKSRRQWQ\*ERGRSGRIGGTCGDGAPCSWGC\*\*SVGLQNNCGSQSIMGYLCGKKQPPLYFVHQMLKHMTQRYIMFGPHMPVYPQTPTHKK\*N\*KM\*QKILICGKITW\*NRCMRI\*SVYGIKA\*SHV\*N\*PHSVLL\*IALIGRMLITPIVVEKRWRKEK\*KTALSISPQV\*EIRCRKDMHFFINLM\*YQ\*IMIIQAIR\*\*IVTPQSLHRPVQRYPLNQFPYIIVPRLVLRF\*SVRIRISMEQDHVQMSAQYNVHMELGQ\*CQLNCC\*MAV\*QKER\*\*LDLKISRTMLKP\*\*YS\*MNL\*\*LIVQDPTTRKK\*DICI\*DQGEHFMQQEA\*WEI\*DKHIVTLVEQNGRAL\*NR\*LQN\*ENNLGIKQ\*SLSNPQEGTQKL\*CTVLIVEGNFSTVIRHSCLIVLGCLMVLGMILRAQISHSRAE\*NKL\*TGGRK\*EKRCMPLPSKDKLDVHQILQGYC\*QEMVV\*TGPKTPRPSDLEEEI\*GTIGEVNYINIK\*\*KLSH\*E\*HPPRQREEWCREKKEQWE\*\*ELCSLGSWEQQEALWAQRRWR\*RYRPDNYCLV\*CNSRTIC\*GLLRRNSICCNSQSGASSSSRQESWLWKDT\*RINSS\*GFGVALENSFAPLLCLGILLGVINL\*RRFGIT\*PGWSGREKLTITQA\*YTP\*LNNRRTNKKRMKRNYWN\*ISGQVCGIGLTYQTGCGI\*EYS\*\*\*\*EV\*\*V\*G\*FLLYFL\*\*IELGRDTHHCHSRPASQPRGDPTGPKESKKKVERETETDPVH\*

>B.1985.M37577.-

MEPVDPRLEPWKHPGSQPKTECTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAHQNSQNHQIPLPKQ\*VVYVMQSLQIAAIVAIVVWTIVLVEYRKILRQKKIDRLIDRIRERAEDSGNESEGDQDELAALVEMGHHAPGDVDNL\*YCRTIVGHSLLWGTCVERSNHHFILCVRC\*SI\*HRGT\*CLGHTCLCTHRPQPTRSKIEKCDRKF\*YVEK\*HGRTDA\*GYNQFIGSKPKAMCKINPTLCYFKLH\*LEECY\*YH\*\*\*\*WGKNGGRRNKKLLFQYHHKYKK\*GAERICTFL\*T\*CSTNR\*\*\*YKLYVDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*G\*EFLWNRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*KFHEQC\*NHNSTAE\*IYSN\*LYKTLQH\*KNKTYTYRTGESILCNRRHNGRYKTSTL\*P\*\*SRMGEHFKTGSYKIKRTIWE\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*FDTAV\*\*YLDV\*\*YWE\*YYRVKYHTPVQNKTNYKQVAGSRKSDVCPSHRRTN\*MFIKYYRATVNKRWWYKRDQRHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGSDRSYVPWVLGSSRKHYGRSVDGADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKILKGSTAPRDLGLLWKTHLHHCCALEYYLE\*\*ISRGDLG\*HDLDGVGERN\*QLHRLNIHLN\*TIAEPTRKE\*TRIIGIGYVGKFVELV\*HIKLAVVYKNIHNDSRRFSRFKDSFCCTFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIRSI

>B.1986.M38429.AIDS

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTTKGLGISYGRKKRRQRRRPPQDSQTHQVSLPKQ\*VVHVMQPLQILAIVALVVAGIIAIIVWSIVLIEYRKILRQRKIDRLIDKIRERAEDSGNESEGDQEELSALVERGHLAPWDINDL\*CCRKVVGHSLLWGTCVERNNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCNRRF\*HVEK\*HGRTDAGGCNQFMGSKLKAMCKINPTLCYFKLQRCECY\*YH\*\*\*\*GNDGERRNKKLLFQYHQKHKR\*GAERICSFL\*TGCSTNR\*\*E\*YQI\*VNKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRKGCN\*I\*QFYGQC\*NHNSTAE\*ICKN\*LYKAQQQYKKKYTYRTRESILYNRRNNRRYKTSTL\*H\*\*STME\*HFKTDS\*KIKRTI\*\*\*NNSLYSLLRRGSRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*Y\*KVKWH\*RK\*HHHTPMQNKTNYKHVAGSGKSNVCSSH\*RTN\*MFIKYYRAAINKRWW\*K\*E\*DRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGSSRKHYGRTVNDTDGTGQTIIVWYSATAKQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAHGDLGLLWKTHLHHCCALEY\*LE\*\*ISG\*YLE\*HDLDGVGKRN\*ELHKHNIHPN\*RIADPTRKE\*TRIIGIR\*MGKFVELVWHNKMAVVYKNIHNDSRRLDRFKNSFFCTFYSE\*S\*AGILTLIVSDPPPSNEGTRQARRNRRRRWRERQRQIRTI

>B.1984.M38431.-



>B.-.M65024.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPPDSEVHQVSLPKQ\*VVYLMQPLQILAIVALVVAAIIAIVVWTIVYIEYRKILRQRKIDRLIDRITERAEDSGNESEGDQEELSALVERGHLAPWDVDDL\*CCRKIVGHSLLWGTCVERSNHHSILCIRC\*SL\*HRGT\*CLGHTCLCTHRP\*PTRNSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKVNPTLCYSTLH\*FEECY\*YQE\*\*LERDGQRRNKKLLFQGHHKHKK\*DAERICTFL\*T\*CSTNR\*\*\*YKL\*IDKL\*HLSHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWIRTMYKCQHSTMYTWN\*ASSVNSIAVKWQSSRRRGSN\*I\*KFHRQC\*NYNSTAEGICRN\*LYKT\*Q\*YKKKYNYRTGESILCNRRHNRRYKTSTL\*H\*WRKME\*HFKTDSYKITSTIWE\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNTAF\*\*YLE\*YYRAK\*H\*WNYHTPMQNKTNYKQVAGSRKSNVCPSHQRTN\*MLIKYYRTAINKRWW\*RDQ\*HHRDLQTWRWRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSDARSYVPWVLGSSRKHYGRTVTDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISGSDLE\*HDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIRIG\*VGKFVELV\*HIKMAVVYKNIHNDSRRFSRFKDSFYCAFYSE\*S\*AGILTIIISDPLPSPKGTRQARRNRRRRWRERQRQIQSI

>B.1985.M68893.deceased

MEPVDPKLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSETHQVSLSKQ\*VVHVMQALQISAIVGLVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRITERAEDSGNESDGDQEELSALVEMGHHAPWDINDL\*C\*RKIVGHSLLWGTCVERSNHHSILCIRS\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRIEKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEECY\*WE\*H\*YH\*\*\*QGNGGGRRNEKLLFQYHHKHKR\*GAERICTFL\*T\*YSTNR\*\*\*\*\*\*I\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*IRQFRGQC\*SHNSTAE\*ICRN\*LYKTQQQYKKKYTYRTRQSILYNRRNNRRYKTSTL\*P\*\*SKME\*HFK\*DSYKIKRTIWE\*NNSL\*ALLRRGPRNCDAQF\*LWRGIFLL\*FNTTV\*\*YLECY\*RVK\*HCRK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWS\*GQQDRGLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSGNDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*DLG\*HDLDRVGQRN\*QLHKHNIQLN\*RIAEPTRKE\*TRIIRIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFFCTFYSE\*S\*AGILTIIVSDPPPILEGTRQARRNRRRRWRERQRQIRSI

>B.1985.M68894.deceased

MEPVDPKLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGAPQDSETHQVSLSKQ\*VVHVMQALQISAIVGLVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRITERAEDSGNESDGDQEELSALVEMGHHAPWDINDL\*C\*RKIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*NGRTDA\*GYNQFMGSKPKAMCKINSTLCYFKLHCKRGNDGGRRNEKLLFQYHHKHKR\*GAERICTFL\*T\*YSTNR\*\*K\*\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWKRTMFKCQHSTMYTWH\*ASSINSTAVKWQSSRRRGSN\*IRKFHEQC\*NHNSTAE\*ICRN\*LYKTQQQYKKKYKYRTRQSILYNRRNNRRYKTSTL\*P\*\*SKME\*HFK\*DSYKIKRTIWE\*NNSL\*ALLRRGPRNCDAHV\*LWRGIFLL\*FNTTV\*\*YLECY\*RVK\*HCRK\*HNHTPMQNKTNYKHVAESRKSNVCPSHQRTN\*MFIKYYRAAINKRWWS\*GQQDRGLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*ISE\*DLG\*HDLDGVGQRN\*QLHKHNIQLN\*RIAEPTRKE\*TRIIRIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFFCTFYSE\*S\*AGILTIIVSDPPPHLEGTRQARRNRRRRWRERQRQIRSI

>B.1986.M93258.deceased

MEPVDPNLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTHQSSLSKQ\*VVHVLQSLQVLAIVALVVATIIAIVVWTIVFIEYRKILRQRKIDRLINRITERAEDSGNESDGDQEELSALVERGHLAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*FKECY\*YH\*\*\*LGNDGERRNKKLLFQYHHKHKR\*GTERICTFL\*P\*CSTNR\*C\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KFHKQC\*NYNSTAERICSN\*LYKTQQQYKKKYKYRTRESIVYNRRNNRRYKTSTL\*P\*\*NTMGKHFRTDSYKIKRTIWE\*\*NNNL\*SILRRGPRNCNTQF\*LWRGIFLL\*FNTTVYLE\*Y\*KVK\*HWKKYHTPM\*NKTNYKYVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*GHERD\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISE\*NLG\*HDLDEVGKRN\*QLHTHNILLN\*TIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.1986.M93259.deceased

MEPVDPNLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPPQDSQTHQSSLSKQ\*VVHVMQSLQVLAIVALVVATIIAIVVWTIVFIEYRKILRQRKIDRLIDRITERAEDSGNESDGDQEELSALVERGHLAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*FKGCY\*YH\*\*\*LGNDGERRNKKLLFQYHHKHKR\*GTERICTFL\*P\*CSTNR\*C\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*KVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDSN\*I\*KFHKQC\*NYNSTAERICSN\*LYKTQQQYKKKYKYRTRESIVYNRRNNRRYKTSTL\*P\*\*NTMGKHFRTDSYKIKRTIWE\*\*NNNL\*AILRRGPRNCNTQF\*LWRGIFLL\*FNTTVYLE\*Y\*RVK\*HWKKYHTPM\*NKTNYKYVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*GHERD\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISE\*NLG\*HDLDGVGKRN\*QLHTHNILLN\*TIAEPTRKK\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2013.MF109359.-

MEPVDPRLEPWKHPGSQPETACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAHQGCQNNQVPLPKQ\*VVNVMXLQIVAVVALVVVAIIAIVVWSIVLIEYRRILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CRKLVGHSLLWSTCVERGNHHSILCIRC\*SL\*YRET\*YLGHTCLCTHRPQPTRSTFTKCDRKF\*HVGQ\*HGRTDA\*GHNQFMGSKPKAMCKVNPTLCYFKLY\*\*E\*YYRESGRNKELFFQYHIKHKR\*DAERICTSL\*S\*SNTNX\*VDKLQYLSHYTSLSKGIL\*ANSHTLLCPSWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSISAKWQSSRKRGSN\*I\*KYLR\*\*\*NHNSTSE\*NNKHYLFKT\*QQYKKKYTYSTRESILCNRRHNRKYKTSTL\*H\*\*SRLEQHFTKDS\*KTRRKI\*E\*NNNLYAIRRRGPRDCTA\*F\*LWRGIFLL\*YITTVQYYSPMQNKTSYKHVAGSRKSNVCPSYQGTN\*MHLKYYRDTIN\*RWWXDLQT\*WRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAEGKKSSGIRSFVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSATAEQPAESY\*GATTYVATHSLGH\*AAPGKSPGYRKIPKGSTAPGDLGLLWKTHLHHRCALEY\*LE\*\*IL\*GYLG\*HDLDAVGKRN\*\*LHKLNIHFN\*RIAEPTRKE\*KRIIGIG\*MGKFVELVFHNKLAVVYKNIHNDSRRLDRFKNSFCCTFYSE\*S\*EGILTIVVSDPPPSPEGTRQARRNRRRRWRARQRQIQSI

>B.2013.MF109363.-

MEPVDPRLEPWKHPGSQPRTPCNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDCQAHQVPLSKQ\*VVHVMXLVIASIVALVVVGIIAIVVWTIVFIEYRKILRQRKIDRLIDRIVERAEDSGNESEGDQEELSALWKWGTLLLGMLMICSAADTCGSQSIMGYLCGEMQKLLYFAHQMLKHMRQSNIMSGPHMPAYPQTLTHKK\*\*WKM\*QKILTCGTITWWIRCRRM\*SVYGIKA\*SHV\*N\*PHSVLL\*IALIPLVPLIVKEK\*RTALSISPQA\*KISIRTHMHFFIKRI\*YQXIG\*QCVIPQSLHRPVQKYPLSQFPYIIVPRLVLRFSSVMIRSSMDQDPVQMSAQYNVRMELDQ\*CQLNCC\*MAV\*QKGR\*\*LDLKISQTMLKT\*\*YN\*MNL\*QFIV\*DPSIIQEKVYIWDSGGHFMHTEK\*\*EI\*DKHIVTLVKNIGTTL\*KG\*L\*N\*ENNLGGIKQ\*SLTPQEGTQKL\*CTVLIVEGNFSTVIQQNCYHTPLQNKAIYKHVAGSRKSNVCPSHQWTN\*MFIKYHRDNINKRWWXDLQTFRRKYEGQLEK\*II\*I\*SNKN\*TIRSSTYQGKEKSGAKRKTSSGTRSSVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQLAEGY\*GATAYVATHSLGHQAAPGKSPGSGKIPKGSTAPGNLGLLGKTHLQHCCALEH\*LE\*\*NLCRHLG\*HDLDGMGKRN\*\*LHKYNIQTT\*RIAEPTRQK\*TRIIGIR\*MGKFVELV\*HNKLVVVYKNIHNNSRRLGRFKNSFYCIFYSE\*S\*AGILTIVVSDPPPNIEGPDRPEGIEEGGGDRDRDRSNLL

>B.2013.MF109364.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRTPQDSQTHQASLSKQ\*VINVMXLVITSIVALVVVAIIAIVVWSIVFIEYRRILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHDAPWNVDDL\*C\*RRLVGHSLLWGTCVERSKHHFVLCIRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRGKIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSESKAMCKINPTLCHLTLQRYKTDTGNTEEMKNCSFNVTTNIRDKIKNDYALFYKIDIVQXYRLISCNTSVITQACPKISFEPIPIHYCAPAGFAILQCNEKKFNGTGPCKNVSTVQCTHGIKPVVSTQLLLNGSLAEEEIVIRSENLTDNAKTIIVQLKEPVNINCTRPNNNTRKSITIGPGRAFYATGDIVGNIRQAHCNISKAAWNNTLRQIANKLSTLFNSSKIVFNHSSGGDPEVVMHSFNCRGEFFYCNSTPLFNITLSCRIKQIINMWQEVGKAMYAPPIEGIISCKSNITGLLLTRDGGEILRPGGGDMRDNWRSELYKYKVVKIKPLGIAPTKAKRRAVQREKRAVGIGAVFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLALERYLMDRQLMGIWGCSGKLICTTAVPWNTSWSNKSYDKIWNNMTWMEWEREIDNYTNLIYNLIEESQNQQEKNEQDLLELSEWASLWNWFDITKWLRYIQIFIMIVGGLIGLRIVFAILSIVNRVRQGYSPISLQTLLPAQRGPDRPEEIEEGGGERNRDTSRRL

>B.2013.MF109369.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFMKKALGISYGRKKRRQRRTAPRSSENHQGSPPKQ\*VVYVMXLQIVAIVALVVVAIIAIVVWTIVAIEYRKILRQRKIDKLLDRIRDRAEDSGNESEGDQEELSALGNGASCSLGC\*\*SVMLQTNCGSQSIMGYLCGKKQTPLYSVHQMLKHIVQRHIMFGPHMPVYPQTPTHKKKN\*KM\*QKILTCGRITW\*NKCMRM\*SVYGIKA\*NHV\*S\*PHFVLI\*IALMLIMLMPLKET\*KTALSMSPQP\*KTRCKKNMHFLIHLM\*YQXID\*\*VVIPQPLHTPVQRYPLSQFPYIIVPRLVLRF\*SVIIRCSMDQDLVQMSAQYNVHMELGQ\*CQLNYY\*MAV\*QRKR\*\*LDLKISQTMLKL\*\*YI\*MHL\*KLIVQDPITTQEKV\*IWDQGEHFMLQEM\*\*EI\*EEHIVTLVEKNGIKL\*SR\*L\*N\*ENNLGIIRQ\*SLISPQEGTQKL\*HTVLIVEGSFSTVIQQNCLISHSHVE\*NKL\*TYGKK\*EKQCMPLPSVEKLAVHQILQGYY\*QEMVXKLSDLEEEI\*RIIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKEEQWESELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRTIC\*RLLRRNNICCNSRSGALSSSRQESWLWKDT\*GINSS\*GFGDALENSSVPLLCLGILVGVINLWSKFGTT\*PGCSGKKKLIITQT\*YTT\*FQHRNSSRNRMNKNYWN\*ILGQVCGIGLI\*QTGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLCFL\*\*IELGRDTHHYHSRPASQTRGDPTGPKESKKKVERETKTHQFD\*

>B.2013.MF109372.-

MEPVDPSLEPWKHPGSQPRTACTTCYCKKCCLHCQVCFITKGLGISNGRKKRRQRRRSPPDNKTHQASVSKQ\*VMXDYIIVIVAFVIALIVAIIVWSIVFIEYKRLRRQRKIDRLINRIIERAEDSGNESDGDQEQLLEMGHYDPWVNDNL\*CYRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRKF\*HVEE\*HGRTDA\*GYNQFMGSKPKALCKINSTLCYFKLH\*C\*YY\*YQSGRNEKLLFQCYHKHKR\*DGKRVCTFL\*T\*CSINX\*IDKL\*YLNHYTSLSKSIF\*SNSHTLLCPGWFCHSKM\*\*\*EIQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGNN\*I\*KFHKQC\*NHNSTVQRIYSN\*LYKTQQQYKKKYTYRTRESILCK\*NNRRYKTSIL\*H\*WNKME\*HFKTGS\*KIKRTIQE\*NNNF\*AFLRRGPRNCTAQF\*LWRGIFLL\*YNKTI\*YQTPMQNKTNYKHVAGSRKSNVCPSHPRTN\*MLIKYYRVAINKRWWXDLQTWRRRYEGQLEK\*TI\*I\*SSTN\*TTRNSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVSGADGTGQTIIVWYSATAEQFAESY\*GATTYVATHSLGHQAAPGESPGCRKIPTGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*NSGRDLE\*HDLDGVGKRN\*QLHRYNIQLD\*NFAEPTREK\*TRIVRIGQMGKFVELV\*HNKMAVVYKNIHNDSRRLNRFKNSFCCA\*YSK\*S\*AGIFTIVVADPPPRLEGTRQARRNRRRRWRQRQIQIQSI

>B.2013.MF109376.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRAPQDCQTNQASLPKQ\*VVYVMXIQIVAIVALVVVAILAIAVWSIVFIEVRKLRRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVDMGHHAPWDVDDL\*CCKPVVGHSLLWGTCVERSNHHSILCIRC\*SIRDRET\*CLGHTCLCTHRPQPTGNRIDKRDRKF\*HVEK\*HGRTDASRYNQFMG\*KLKAMCEINPTLCYLKL\*\*VQ\*Y\*H\*\*RRHERMLFQYHLKHKR\*GTERKGIV\*YT\*YSTNXYVNKV\*YLSHYTGLSKGIL\*TNSYILLCPGWFCDSKM\*R\*EVQWNRRM\*KCQHSNMHTWN\*ASNINSTVVKWQPSKRRGNN\*I\*KFHKQC\*NHNSTTERPSRNQLYKTQQQYKKKYKYRTRESILCNRRNNRKYKTSTL\*C\*\*KRME\*HFKTGSNKAKRKIWE\*NNNL\*EFLRRRPRNCNAQF\*LWRGIFLL\*FNTTVQYYTPMQNKTNYKHVAGSRKSNVCPSY\*WNN\*MLIKYNRAANNKRWRXDIQTWRGRYEGQLEK\*II\*IQSSKN\*TIRNSTHQGKEKSGAKRKKSSGNRSYVPWVSGSSRKHYGRSVSNADGTSQTATVWYSATAT\*LAEGY\*GATTYIATHSLGHQAAPSKSPGCGKIPKGSTAPGNLGLLWETHLPHYCALEY\*LE\*NKSE\*YLGDNDLDAVGKRN\*\*LHRLNLYLD\*RIAETTRKE\*TRIIGIG\*MGKSVELV\*HNKLAVVYKIIHNDSRRLDRFKNSF\*CIVYSK\*S\*AGILTFIVSDPLPSSEGTRQARRNRRRRWRERQKQIRTI

>B.2013.MF109388.-

MEPVDPSLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPPSSQNHQVPLSKQ\*VVHVMXLEILAIVALVVAAILAIIVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CWRTIVGHSLLWGTCVEKRYRHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRNRIGKCDRKF\*HVEK\*HGRTDA\*GHNQSLG\*KPKAMCKTNPTVCYFKLH\*WH\*RD\*\*\*RRNKKLLFQYHHNYER\*DAERICIVL\*T\*FSTNX\*VDKL\*HLSHYTSLSKGNL\*PNSHTLLCPGWFCDSKV\*\*\*DVQWKRTMYKY\*HSTMYTWN\*ASSINSTTVKWQSSRGRSKDQI\*KFHKQC\*NHNSTVDRSCKN\*LYKTWQQYNKKCTYRTRESILCNRINNRRYKKSTL\*H\*\*Q\*MEGHFKTGS\*KIRGTIWE\*NSNI\*SILRRGPRNYNAQFQLWRGIFLL\*YNTTV\*YHTTMQNKTNCKQVAGSRKSNVCPSHQRRN\*LLIKYYRVANNKRWRXDLQTCRRRHEGQLEK\*II\*I\*SSKN\*THRISTH\*GKEKSGAERKKSSNRSYDPWVLGSSRKHYGRSVDGADGTGQTIIVWYSATAKQLAEGY\*GATTYVATHSLGHQTAPGESPGSGKIPKGSTAPGNLGLLWKTHLHHCCALE\*\*LE\*\*KSECYLG\*HDMDAVGKRN\*QLHRIDIYLT\*ELAKPARKK\*TRIIGIK\*MGQLVELV\*HNKLAVVYKNVHNDSRRLDRFKNSFYCNFCSE\*S\*AGILTFVIPDPPPNHEGTRQARRNRRRRWRERQRQIQSI

>B.2014.MF109395.-

MEPVDPRLEPWKHPGSQPKTDCTKCYCKKCCFHCQVCFMKKGLGISYGRKKRRQRRKTPNDGQIHQIPLSKQ\*VVHVMXLHVAAIVGLVIAIIVAIVVWSIVFIEYRKIRRQRKIDRLIDRIIDRAEDSGNESEGDQEELSALMERGHHAPRDVNDL\*CCGKFVGHSLLWGTCVERSNHHSILCI\*C\*II\*YRGT\*CLGHTCLCTHRPQPTRNRIEECNRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*CE\*YKDCKRRNKKLLFQYHHRHGT\*N\*ERICTFL\*T\*CSTNX\*VDKL\*YLSCYTSLSKNII\*ANSHTLLCPSWFCDSKV\*\*\*EVQWNRAM\*KCQHSTMYTWN\*TSNINSTAVKWQSSRRRGNN\*I\*KLYKQC\*NHNSTAK\*NCRD\*LYKTQQQYKKRYTYGTRENIFCNRRNNRRYKTSTL\*H\*WSKME\*HFKNDSQKIKRPI\*EQQHNNL\*SILRRGPRNCNA\*F\*LWRRIFLL\*YNKTV\*YHTPMQNKTNYKHVAGSRKSNICPSHCRTH\*MFIKHYRAAINKRWWXDLQTWRREYEG\*LEK\*II\*I\*SSKN\*TTRSSTHQGKEKSGAKRKKSSGIRSCVLWVLGSSRKHYGRSVTDADGTGQTTIVWYSATAAQSAEGY\*GATASVATHSLGHQAAPGKNPSCGKIPIGSTAPGNLGLLRKTHLHHCCALEC\*LE\*\*IF\*QDLGKHDLDGVG\*RN\*QLHRHNIQLN\*RIAKSARKE\*TRIIGIR\*MGKFVELV\*HFTLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIVVSDPPPSPAGTRQARRNRRRRWRERQRQIQSI

>B.2014.MF109396.-

MEPVDPRLEPWKHPGSQPKTACTACYCKKCCLHCQVCFMKKALGISYGRKKRRQRRRAPQDRQVDQVPIPKQ\*VIYVMXLQIAAIVSLVVVGIIAIVVWAIVIIEYRRILRQRKIDRLLDRILERAEDSGNESEGDQEELSELMERGHLAPWDVNDL\*GYRKIVGHSLLWGTCVERS\*CHSILCIRG\*SI\*SRGT\*CLGHTCLCTHRPQPTRSRIGKCDRRI\*HVEK\*YGRTDA\*GYNQFMGSKLKTMCKINSTLC\*FNLH\*W\*\*\*QYQ\*RRHKKLLFQYHHKHKRENEDICTF\*\*S\*YST\*X\*VDKL\*YLSHYTGLSKGIL\*ANSYTFMCPGWFCDSKV\*K\*YIQWNRTM\*\*CQHSTMYTWD\*ASSVNSTAVKWQSSRRRDNN\*ICQYLR\*Y\*KHNSTAEGTCKHYLCKTQQQYKKKYTYWTRECILYIRNRKYKTSIL\*Y\*\*NKME\*NFKPGSYRIKQKT\*PNKNNLSATRRRGSRSCNTQF\*L\*RGIFLL\*YNKTV\*YHNPMQNKTNCKHVAGSRKSNVCPSHQGNN\*LHIKYYRAAFNKRWWXHLQTWGRRYEGQLEK\*II\*IQSSKNRTIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSVNNADGTGQTSIVWYSAAAEQSAESY\*GATAPVATHSLGHQAAPGKNPGCGKIPTGSTAPRTLGLLWETHLHHCCALEC\*LE\*\*ISG\*HLEQHDMDAVGKRNCKLYRENIHLN\*RITKPARKE\*KRIIRIG\*LGKSVELV\*HITMAVVYKNIYNDSRRLGRVKNSFCCNFYSE\*S\*EGILTIIVADPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2014.MF109400.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKCCCFHCQICFLRKGLGISYGRKKRRQRRRPPEDSQTHQADLSKQ\*VAHVMXLQIAAIVGLVVAALLAIVVWTIVLIEYRKIVRQRKIDRILNRIIERAEDSGNESEGDQEELSALVDMGHDAPWNVDDL\*YYRKIVGHSLLWGTCVERSKDHFILCIRCQSIPYRGT\*CLGHTCLCTHRPRPTRSRIEKCDRKF\*HVEKSYGRTDA\*GYNQFMGPKSKTMCKINPTLCYFRLP\*\*E\*\*\*YHQRRNKKLFFQYHHRHRREKE\*HIFTLL\*T\*SSRNX\*DNNL\*HLSHYTGLSKNKL\*ANSNTLLYPSWFCTSKM\*\*\*EV\*WNRTM\*KCQHSTMYTWN\*ASSVNSTATKWQSSRTRSSN\*I\*KFYR\*\*\*NHNSTAE\*NCTN\*LYKTQQQYKKRYKYGTWEGMVCNNRHNRKYKASTL\*H\*WSKME\*NITTNSYEIRRTIWNK\*NNNL\*AILRRGPRNCNAQF\*LWRRIFLL\*YNTTV\*SYTPMQNKTNYKQVAGSRKSNVCPSHPRNN\*M\*IKYYRAVVNKRWWXDLQTWRRKYEG\*LEK\*TI\*IQSSTN\*AIRSSTHQGKKKSGAERKKSRNNRSYVPWVLGSSRKHYGRSVNGADGTGQTIIVWYSAAAEQSAESY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*ISESDLG\*HDLDGVGKRN\*QLYTINIHFN\*RLAKPARKE\*TRIIRIR\*VGQFVELV\*HHKMAVVYKNIHNDSRRLNRFKNSFCCAFYSEKG\*AGILTIIIADPPPSSEGTRQARRNRRRRWRERQRHIHQI

>B.2014.MF109408.-

MEPVDPNLEPWKHPGSQPRTACNNCYCKKCCLHCQVCFMRKGLGISYGRKKRRQRRRPPQGGQTHQVPLPKQ\*VVHVMXLPIVAAIALIVTAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQDELAALGNGASCSWGW\*\*SVVPKNSYGLQSIMGYLCGKKQKPLYSVPQMLKHMIQRHIMFGPHMPVYPQTLTHKK\*IWKM\*LKILTCGKMTW\*NRCMRI\*SIYGIKA\*SHV\*N\*PHSVLL\*IAVIVIVLIPLKEK\*KIVLSMSPQV\*EIRLRRNMHFFINLMLYLXIH\*\*IVIPQPLHKPVQRHHLSQFLYIIVPQLVLRF\*SARIRISMEQDHVQMLAQYNVHMELGQQCQPNCC\*MAV\*QKKR\*\*LCLKTSRTMLKP\*\*YI\*MKLYKLIVQDPTTIQEKVYI\*HQGKHFMQQEV\*\*EI\*DKHIVTLLGQIGLKL\*I\*QLKN\*ENILIKQ\*SLTNPQEGIQRL\*CTSLIVEGNFSTVIQHSCLIYTPMQDKANYKQVARSRKSNVCPSHQWTN\*VFIKYYRVATNKGWWXDIQTCRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGTRSYVPWVLGSSRKHYGRSVNNADGTSQTIVVWYSATAE\*SAESY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKGPTAPRNLGLLWKTHLHHCCALEY\*LE\*QIYE\*NLGKHDMDGVGKRN\*ELYRHNI\*LN\*KIAKPTRKE\*TGLTNVRSVGKLVELV\*YIKLAVVYKNIHNDSRRLGRCKNNFCYIIYNK\*S\*AGILTIVIADPPPSPAGTRQARRNRRRRWRERQRHIHAI

>B.2014.MF109418.-

MDPIDPKLEPWKHPGSQPKTACTNCYCKSCCFHCQVCFTTKGLGISYGRKKRRQRRRASQDSKTHQASLSKQ\*VTYVMXLQILAIVALVVAAILAIVVWTIVYIEYRKILRQRKIDRLLDRIIERAEDSGNESEGDRDELLEMGYHAPWNIDDQ\*CYEDLWVTVYYGVPVWRDANTTLFCASDAKAYDTEVHNVWATHACVPTDPSPQEVVLNVTENFNMWENNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCSDSNNTNSSRGEIKNCSFNITTSMGDKVQRQYATFYKLDVVPXYRLISCNTSAVTQACPKITFEPIPIHYCAPAGFALLKCNDKKFDGKGKCTNVSSVQCTHGIRPVVSTQLLLNGSLAEEEVVIKSDNFSDNTKSIIVQLNESVEITCIRPNNNTRKSVHMGPGKVFYTGEIIGDIRKAYCNISKTAWNTTIQKIVGKLREKFNNKTIAFKSSGGDLEIVMHSFNCGGEFFYCNTTQLFNITLPCRIKQIINMWQEVGKAMYAPPIKGLIQCTSNITGLILTRDGGEIFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTRAKRRVVQREKRAVGLGALFLGFLGAAGSTMGAASLTLTVQARLLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLALERYLRDQQLLGIWGCSGKLICTTTVPWNSSWSNKNLTQIWDNMTWMQWEKEIENYTDAIYDLLEKSQNQQEKNEQELLELDKWANLWNWFDITNWLWYIKLFIMIVGGLIGLRIVFAVLSIVNRVRQGYSPLSFQTHLPRRDPTGPTEPKKKVERETETHPDPW

>B.2014.MF109422.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCIVCFTKKGLGISYGRKKRRQRRRTPEYSKIHQDSLSKQ\*VLYVMXLQIAAVVALVVVGILAIAVWTVVLIEYRKILRQRKIDQLLERIAERAEDSGNESEGDQEELAALEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERCNHHSVLCIRC\*GI\*YRGP\*CLGHTCLCTHRPQPTRNRIWKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYSTLY\*CY\*\*\*CYYGGDKKLLFQCHHKHKR\*DDEGTGIFL\*P\*CSTNXYFEKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*R\*EV\*WNRTM\*KC\*HSAMYTWN\*ASGINSIAVKWQSSRRRGSDQI\*KFHKQC\*SYNSTAERTSRN\*LYKTW\*\*YKEKYTYRTRKSILCNRRYNRRYKTSTL\*H\*\*SKME\*HFTADS\*KIRRTI\*Q\*YNSL\*KLLRRGPRNSNA\*F\*L\*RGIFLL\*YNKTV\*YHTPMQNKTVYKYVARSRKSNVCPSHQGKHYLFIKYYRADINKRWWXDLQTWRREYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVTDADGTGQTIAVWYSATAEQSAESY\*GATTYVATHSLGHQAAPGESPGCGKIPKGSTAPGDLGLLWKIHLHHCCALEY\*LE\*\*ILRENLE\*HDLDAVGKRN\*QLHRLNIQLN\*RIANPTRKE\*KRLIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFYSK\*S\*AGIFTLIISDPLPSTEGTRQARRNRRRRWRARQRQINSI

>B.2014.MF109426.-

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCFHCIVCFTKKGLGISYGRKKRRRRRRTPPGSQSNQVSLSKQ\*VIYVMXLYISAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALEMGDHVPLVINDM\*C\*DRLWVTVYYGVPVWKEATTTLFCASDAKAYDTEVHNVWATHACVPTDPNPQEVVLTNVTENFNMWKNDMVEQMHEDIISLWDESLKPCVKLTPLCVTLNCTDGNNSNINRGEMKNCSFNITTMLKDKVQKEYAVFYKLDLVPXYRLISCNTSALTQACPKITFEPIPIHYCAPAGFAILKCNDKRFNGTGPCINVSTVQCTHGIKPVVSTQLLLNGSLAEEEVIIRSENISNNAKNIIVQLKNPVEINCTRPNNNTRKSIHIAPGRAFYATGDIIGDIRRAHCNISAEKWNKTLGDIVEKLRKQFHNNTIAFKSSGGDPEIVTHSFICGGEFFYCNTTQLFDITLPCRIKQVINMWQRVGKAMYAPPIRGIINCLSNITGLILTRDGGEIFRPGGGDMRDNWRSELYKYKVVKIEPLGIAPTKAKRRVVQREKRAVGIGALFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQSNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTSVPWNASWSNKSYDLIWHNMTWMQWEKEIDNYTELIYTLIEESQNQQEKNEQELLELDKWDSLWSWFSITQWLWYIKIFIMIVGGLIGLRIIFAVLSIVNRVRQGYSPLSFQIHPQQRDPTGPKESKKKVESETEVDPYN\*

>B.2014.MF109428.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRPPPGSQINQVPLPKQ\*VYM\*XL\*SY\*Q\*QH\*\*\*Q\*\*\*Q\*LCGL\*YS\*NIEKY\*GKGKLIG\*LIE\*QKEQKTVAMRVMAIKKNCQHWWRGGILLLGMLMICSTAGNLWVTVYYGVPVWKEATTTLFCASDAKAYDTEVHNVWATHACVPTDPNPQEIELGNVTENFNAWKNDMIEQMHEDIISLWDESLKPCVKLTPLCVTLNCTDQKNNTVINEGIKNCSFNITTSIKDKKQQEYALLYKLDVVPXYRLISCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCRDRKFNGTGLCRNVSTVQCTHGIRPVVSTQLLLNGSLAEGEVVIRSQNFTDNAKTIIVQLNETVQINCTRPNNNTRKSIHIGPGRAFYATGQIIGDIRSAHCNISREKWNNTLKRVAEKLREQFGNNKTIVFKSSGGDLEIVMHSFNCGGEFFYCNTTQLFNITLPCRIKQIINMWQEVGKAMYAPPIRGSINCSSNITGLLLTRDGGETFRPGGGDMRDNWRSELYKYKVVQIEPLGVAPTKAKRRVVQREKRAVGLGALFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAIERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNKSLNQIWDNMTWMEWEKEINNYTQIIYNLIEQSQNQQDKNEQELLELDKWANLWNWFDITNWLWYIKLFIMIVGGLIGLRIVFAVLSIVNRVRQGYSPVSLQTHLPAKREPDRPEGIEEGGGERDRDRSGQL

>B.2014.MF109440.-

MEPVDPSLEPWKHPGSQPKTACTPCYCKRCCYHCQVCFITKGLGISYGRKKRSQRRGPLKDSQTHQASLPKQ\*VIHVMXLYILTIVAFVIVLIIAIVVWSIVFIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDQEELSAIVERGHHAPWNIDDL\*CYKKIVGHSLLWGTCVERSNYHFVLCIRCQSI\*YRGT\*CVGHTCLCTHRPQPTRSKTRKCDRGF\*HVEK\*HGGTDA\*GYNQFMGSKSKAMCKADPTLCYVKLH\*YYQYYYQ\*RSNKKLLFQYYHKYER\*GEKRTCTFLFT\*CSTNX\*VKKL\*HLSPYTGLPKDNL\*ANSHTLLCPGWFCDSKV\*Q\*DIRWKGTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSKRRCSN\*I\*KFHGQCKNHNSTIE\*NCIN\*LYKTQQ\*YKKKYIYSTRKSILCNRRHNRKYKTSTL\*HY\*RRVG\*NFKTGS\*KIKRTIWE\*NNNL\*FLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*YHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*LYIKYYRVAINKRWGXDLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERQKSSRSYVPWVLGSSRKHYGRSGSDADGTSQTIIVWYSATAEQSAEGYRGATASVATHSLGH\*TAPGKSPGCGKIPTGSTAPGNLGLLWKTYLHHCCALEY\*LE\*\*IS\*SNLA\*HDLDGVGKRN\*QLHRHNIQLT\*NIAEPARKE\*TRVIGIG\*MGKFVDLV\*HNKMAVVYKDIHNDSRRLGRFKNNFSCAFCSK\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRGRQRQIQTI

>B.2014.MF109446.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQKCFTTKALGISYGRKKRRQRRRSHQGSETHQVSLPKQ\*VVYVMXLVILAIVALVVTGIIAIVVWTIVFVEYRKIRRQRRVDRLLDRILERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*CFRTNMGDSLLWGTCVERSNHHSILCLRC\*SISHRGT\*CLGHTRLCTHRP\*PTGNTIGKCDRTF\*YVEKLHGRTDA\*GYN\*VMGSKPKAMCKINPTLCYFKLH\*C\*\*YQCY\*RRNKKLLFQCHKHKK\*DTERLCTFL\*A\*CSTNXYIDKL\*YLSH\*TGLSKGDL\*TNSHTLLCPSWFCDSKV\*R\*EVQWNRTMYKCQYSTMYTWN\*ASSVNSTTVKW\*SSRRRGSN\*I\*KFYE\*C\*NHNSTVK\*ICTN\*LYKAQQQYKKKYTYGTRESILCNRSNNRRYKTSIL\*P\*WSRME\*NFKSNSYKIKRTIWE\*NNSL\*SILRRGPRNYNAQF\*LWRGIFLLQYIKAV\*YHTPMQNKTNCKQVAGSRKSNVCSSHSRTN\*MFIKYYRATINKRWWXDLQACRRRYEGQLEK\*II\*I\*SNKN\*ASRSSTHQGKEKGGAERKKSGGNRSCVPWILGSSRKHYGRSVTDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGH\*AAPGKSPGCGKISKGSTAPRNLGLLWKTHLHHCCALEC\*LEE\*NSG\*NLG\*HDLDGVGKRN\*QLHRLNIQLT\*RIAEPTGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRFSRIKNSFYCTFYSE\*S\*AGIFTIVVPDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2014.MF109447.-

MDPVDPNLEPWKHPGSQPKTACTKCFCKKCCYHCQFCFITKGLGISYGRKKRRQRRRSPHDCQVDQASLSKQ\*VVNVMXSYILTIVAFVVALILAIVVWSIVFIEYRKIRRQKRIDQLIDRIRERAEDSGNESDGDQEELSVLERGHLAPWNIDDL\*YCEQLWVTVYYGVPVWKEATTTLFCASDARAYDTEKHNVWATHACVPTDPNPQEIELENVTENFNMWKNNMVEQMHEDIISLWDESLKPCVKLTPLCVTLTCTNNSAPNVTNEEIKNCSFNITTNVRDKKKTEYAVFDKYDMVLXYRLINCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCKDRNFNGTGPCRNVSTVQCTHGIRPVVSTQLLLNGSLAEDEVVIKSENFTNNGKNIIVQLKEVVKINCTRPNNNTRRGVHIGPGRAFYATNIIGDIRKAHCNISRDQWSKALGEVVIKLRKQFGNKTIAFKPSGGDPEIVLHSFNCGGEFFYCNTTPLFNFTLQCRIKQIINMWQQVGKAMYAPPISGPISCSSNITGLILTRDGGEIFRPGGGDMRDNWRSELYKYKVVQIEPLGVAPTKAKRRVVQREKRAVGLGAMFLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQSNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICPTAVPWNASWSNRSQDDIWNNMTWMEWEREISNYTGLIYTLIEESQNQQEKNEQDLLALDKWASLWNWFDITKWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTRLPQRDPTGPKKPKKEVEGETETHPDP\*

>B.2014.MF109449.-

MEPVDPSLEPWKHPGSQPKTACTPCHCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRTHQDSKTNQDYLSKQ\*VIHEMXLYILAIVALVVAIILAIIVWSIVLIEYKKILKQRKIDRLIDRIAERAEDSGNESEGDQEELSALEMGHHAPWVVNDL\*C\*TIVGHSLLWSTCVERSNHHSILCIRC\*RI\*HRGP\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGRTDASGYN\*LMGSKPKAMCKVNPTLCYFNLH\*SEQYQDQQRRSKKLLFQYHHKL\*\*\*NTERICTFL\*T\*CSINX\*VNKLQHLSSYTSLSKNKL\*PNSHTLLCPGWFCDS\*VQG\*KVQWNRTM\*KCQHSTMHTWN\*ASSINSTAIKWQSSRRRGSN\*I\*KFHKQC\*NYNSTVK\*ICSN\*LYKTQQQYKKKYTYGSRESILYNRRDNRKYKKSIL\*H\*QSRME\*NFKKGSWKITRTIWE\*NNNF\*ILRRGPRNCTAQFYLCRGIFLLQYNRTV\*YYTPM\*NKTNCKPVAGGRKSNICPSHQRTN\*MFIKYYRNTIDKRWWXNLQTWRRRYERQLEE\*II\*I\*SSRN\*TIRSSTHQGKEKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTATVWYSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPSCGEIPKGSTAPGTLGLLWKTHLHHCCALEF\*LE\*\*NYDRNLGKHDLDGMGKRN\*QLYKHNIHLN\*RITKPTRKE\*KRIIRIGQMGKFVELV\*HNELAVVYKNIHNDSRRLGRFKNNFCCAFYSE\*S\*AGIFTIIVTDPPPTEGPDRPEGIEEEGGERDRDRSRRL

>B.2014.MF109452.-

MDPVDPKLEPWKHPGSQPKTPCTKCYCKYCCYHCQVCFITKALGISYGRKKWRRRRRAPDDSQNHQNSLPKQ\*VTYVMXLVILSIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLLDRIRERAEDSGNDSDGDEEELAAMVERGHLAPWDVDDL\*CCRKPVGHSLLWGTCVERSKCHTILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKTMCKVNPTLCYITLH\*QE\*Y\*Y\*\*RGNKKLLFQCHHRHKRQDE\*GICPSV\*T\*FSINX\*VNKL\*YLSHHTGLSKGNL\*TNSHTLLCPGWFCDSKV\*\*QAVQWNRTM\*KCQYSTMYTWH\*ASSINSTAVKWQSSRRRCSN\*ICQFHRQC\*SHNSTTK\*DCRN\*LYKTQQQYKKRYKYRTREGMVCNRRHSRRYKTSTL\*H\*\*IKME\*DFRKGSQKIKGTIRGE\*NNSF\*SILRRGPRNCNAQF\*L\*RGIFLL\*YNRSV\*YHTPMQNKTNYKHVARSRKSNVCPSHQRKH\*LFIKYYRTTVSKRWWXDLQAWGRRHERQLEK\*II\*I\*SSTS\*TSRNSTHQGKEKSGAERKKSGDTRSCVPWVLGSSRKHYGRSVTDADGTGQTTTVWYSATAEQFAESY\*GATASVATHSLGHQAAPGESPSCGKIPKGSTDPGNLGLLWKTHLHHFCALEC\*LE\*\*ISRVHLE\*HDLDAMGKRN\*QLHRNNIHIT\*GIAEPTRKE\*TRLIGIGQMGKFVELV\*HNKLAVVYKNIHNDSRRPDRFKNSFYCIFISE\*S\*AGILTFVVSDPPPNPEGTRQARRNRRRRWRTRQRQISAL

>B.2014.MF109453.-

MDPVDPRLEPWKHPGSQPKTACNPCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRAHQNSQTHQAPLSEQ\*VIHVMXLEIYAIVALVVVAIIAIVVWSIVLIEYKKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHVAPWDIDD\*CYRTIVGHSILWSTCVERSIHHFILCIRC\*SI\*NRGA\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*YVEK\*HGRSDA\*GYNQFVGSKPKTMCEINSTMCYFKMC\*\*\*\*C\*QQYRTSKKLLFQCHYSHKR\*GEERICPFL\*T\*CNTNXYVNKL\*QHNNYTGLSKGNL\*SNSHTLLCPSWFCDSKV\*\*EEFHWIRTM\*KCQHSTMYTWN\*ASSINSTAVEWQSSRRRHNN\*I\*EYLKQC\*KHNSTIEGTHSD\*LYKTQQQYKKRHTFTPGGAFYITDNIVGDIRQAHCTINGTAWDEALENITQKLRTYFKNATIQFNQSSGGDPEIVKHSFNCAGEFFYCDTSQLFNIILPCRIKQIVNRWQEVGKAMYAPPIEGPIRCSSNITGLILTRDGGEIFRPGGGDIKDNWRSELYKYKVVKIEPLGVAPTKARRRVVQRERRAVMGAMFLGFLGAAGSTMGAASITLTVQARLLLSGIVQQQSNLLKAIEAQQHLLQLTVWGIKQLQARVLAIERYLKDQQLLGIWGCSGKLICTTNVPWNASWSNKSLHDIWDNMTWMQWDREVSNYTKLIYTLIEESQNQQEKNEQELLELDKWASLWNWFTITNWLWYIKIFIMIVGGLIGLRIVFTVLSIINRVRQGYSPLSFQTRLPTQRGPDRPGGIEEEGGDEDRDRSGGL

>B.2013.MF109454.-

MDPVDPRLEPWKHPGSQPRTACNTCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRSAPPDRQSHQAPLPKQ\*VVCVMPLVISAIALVVVAILAIAVWTVVIIEYRKILRQRKIDRLLDRIRERAEDSGNESEGDEEELSAIGGRGHLAPWDVDDL\*YYRQIVGHSLLWGTCVERSNHHSILCIRC\*SI\*\*RGA\*CLGHTCLCTHRPQPTRSGNGKCDRRI\*HMEK\*HGRTDAGGYNQFMGSKPKAMREINPTLCYFRVH\*CHC\*\*YH\*GRNTKLLFQCHHKHKR\*VTERICTFL\*T\*CSTNX\*VDKL\*LLSHYTGLSKSIL\*ANSHTLLCPGWFCDSKM\*Q\*NIQWKRTMYKC\*HSTMYTWN\*ASGINSAAVKWQSSRTRDSN\*I\*\*FHRQC\*NHNSTAEGSCNN\*VYKTQQQYKKKYTYRARKSILCNRRYNRKYKESTLYP\*WNKME\*DPKTGS\*KIKKTI\*\*DNNNFPATLRRGPRSCIS\*F\*LWRGIFLL\*YNKTV\*YHTHMQHKTNYKYVAEGRKSNVCPSHQRTNYLLIKYYRAATNKRWWXDLQTWRRKYEGQLEK\*II\*I\*SSTNSTTRSSAHQGKKKSGAERKKSGNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQPAESY\*GATAPVATHSLGH\*TAPSKSPGFGKIPKGSTAPRDLGLLRKTHLHHFCALER\*LE\*\*KSDSDLG\*HDLDGMGQRN\*QLHKFNIQLN\*RIAESARKE\*KGIIGIR\*VGKFVELV\*YIKLAVVYKNIHNDCRRLGRLKNSFCCNFYNK\*S\*AGIFTIIIADPLPKPEGTRQARRNRRRRWRQRQRHIQTI

>B.2014.MF109456.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRTAPQDSKAHQGSLPKQ\*VVHVMXLTILTIVALIVVAIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRERAEDSGNESEGEQEELSKLVDMGHHAPWDIDDL\*YCRQIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHKPQSTRSSIGKCDRKF\*HVEK\*YGRTDA\*GYNQFMGSKSKAMCKINPTLCYFKLH\*CY\*DH\*\*\*RRNKKLLFQSHCKRKRQDKGRICTLL\*P\*CSITX\*VNTL\*FLNHYTGLSKGIL\*ANSHTLLYPSWFCDSKM\*QWELQWKRTM\*KCQHSTMYTWN\*TSSINSTVVKWQSSRRRSST\*I\*KFLEQC\*NHNSTAAAACRN\*LYKTQQQYKKRYTYRTRESSLYNRKNNRRYKTSTL\*H\*QRSME\*HFT\*DSYKITKTI\*E\*NNNL\*TLLRRGPRNCDAQL\*LWRGIFLL\*YITTV\*FTLPCRIKQIVNMWQEVGKAMYAPPISGQIRCRSNITGLLLTRDGGEIFRPGGGDMRDNWRSELYKYKVVQIKPLGIAPTKAKRRVVQREKRAVGIGAMFLGFLGAAGSTMGAASMALTVQARQLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLQDQQLLGIWGCSGKLICTTTVPWNASWSNKSLDKIWDNMTWMEWEREIDNYTGFIYTLLEESQIQQEKNELDLLELDKWSSLWNWFNITNWLWYIKIFIMIVGGLIGLRIVFSVLSIVNRVRQGYSPLSFQTLFPTPRGPEGPGGIEEEGGERDRGRSGPL

>B.2014.MF109461.-

MDPVDPSLEPWKHPGSQPKTACTNCYCKRCCYHCQVCFTTKALGICYGRKKRRQRRRPHPSSSNHQVSLPEQ\*VVHVMXLVIAAIVALVVVGLIAIVVWTLVLIEYKKILRQRKIDRLIDRIAERAEDSGNESEGDQEELAALVEMGHHAPWDVDDL\*CRTVVGHSLLWGTCVERNNHHSILCIRC\*SISHRET\*CLGHTCLCTHRP\*PTRSRIDKCDRKF\*HVEK\*HGRSDA\*GYNQFMGSKPKAMCKINPTLCYLKLH\*LYY\*DQQ\*ERGEKMLFQCQHRHRK\*VKERRSTFL\*S\*FRNRXTLRSCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCRDKRFNGTGPCKNVSTVQCTHGIKPVVSTQLLFNGSLAEEGVVVRSENFSNNAKIIIVQLDKPVQINCTRPNNNTRKGIHIGQGSAFYAHEKIIGDIRQAHCNISKESWNSTLGKIVTKLREQFVNKTIIFKNSSGGDPEVEMLNFNCGGEFFYCNTTQLFDFTLPCRIKQIINRWQEVGKAMYAPPISGQINCSSNITGLLLTRDGGETFRPWGGDMRNNWRSELYKYKVVRIEPLGIAPTKAKRRVVQREKRAVMGAMFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLQDQQLLGIWGCSGKLICTTAVPWNTSWSNRSYNSIWDNMTWMEWEKEIDNYTGLIYTLIEESQFQQEKNEQELLSLDTWAGLWSWFGITKWLWYIKIFIMVVGGLVGLKIVFTVFSIINRVRQGYSPLSFQTHLPAPWGPDRPGGTEEEGGERDREGSRQL

>B.2013.MF109472.-

MEPVDPRLEPWRHPGSQPRTACNSCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRAPQDSEAHQASLSKQ\*VINVMXLVIFSIVALVVVAIIAIVVWTIVLIEYRKILRQRRIDRLIDRIRDRAEDSGNESEGDQEELSKLVDMGHDALWVIDDL\*YCRTIVGHSLLWGTCVERCIHHSILCIRC\*SIRYRGT\*CLGYTRLCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRSNA\*GYNQFMG\*RPKAMCTINPTLCYFKLH\*GE\*YYW\*\*RRNEKLLFQYYHRNKR\*DTERICNLI\*T\*FSTNX\*VDKL\*YLSP\*TSLSKDVL\*ANSHTFLCPGWFCDSKM\*\*YKFHWNRTMYQCQHSTMYTWN\*ASSINSTTVKWQSCRTRGSNKI\*KFHKQC\*KHNSTAE\*NCTN\*VYKT\*QQYKKKYTYRTRESILCNRRHNRKYKASIL\*T\*WYKME\*CSRKNSSKIKRTIWEK\*NDSL\*LLRRGPRN\*DAHV\*LWRGIFLL\*YRPIV\*YHPPMQNKTNYKHVAESREGNVCSSHQRKH\*LLIKHYRADINKRWWXDLQTWRRRYEGQLEK\*TIQI\*SSKN\*AIRNSTLQGKKKSGAKREKSSGIWSFVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAKQLAESY\*GATTYVATHSLGHQAAPGKTPGCGKIPKGSTAPGNLGLLWKTHLQHCCALE\*\*LE\*\*ISRRDLGQPDLDAVG\*RN\*QLHTGNIYLT\*GIAEPARKE\*ARVIKIRPMGKFVELV\*HNKLAVVYKNIHNDSRRLHRFKNSFYCTFYNK\*S\*AGILTIVISDPPPSQEGTRQARRNRRRRWRARQRQIRTF

>B.2013.MF109475.-

MEPVDPRLEPWKHPGSQPKTQCNKCYCKRCCLHCQVCFISKGLGISYGRKKRSQRRRPSQGSKTHQANPSKQ\*VVNVMXLVILAIVALVIVAIIAIVVWSIVFIEYRRILRQRRIDKLIDRIRERAEDSGNESEGDQEELSALEMGHDAPWDVNDL\*\*CTTSVGHSILWSTCVERSNHHSILCIRC\*SIISRET\*CLGHLCLCTHRPQPTRNGIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSQSKAMCKINPTLCYLRLQ\*\*KYY\*\*Y\*RRNKKLLFQFHHRKRR\*TQRPCNF\*\*H\*SNSNX\*VDTV\*HLSHYTGLSKGIL\*ANSHTLLYPGWFCASKV\*\*\*KVQWNRIMYKC\*HSTVYTWN\*ASSINSNAVKWQSSRGRGNN\*I\*KYHKQY\*NHNSTAK\*ICRN\*LYKTQ\*QYKEKYTSRTREGILYNRRHNRRYKKSTL\*H\*YRSLE\*NFNTGSWQIKRTF\*E\*NNNL\*FILRRGPRNCNAQF\*LWRGILLL\*FITTV\*FHTPMPNKTNCKHMAGSRKSNVCPSHQWTN\*M\*FKYYRTAINKRWWXDLQTRRRRYEGQLEK\*II\*IQSSKH\*TIRNSTHQSKAQSGAERKKSGIRSCVPWVLGSSRKHYGRSVNSADGTGQTIIVWYSATAE\*FAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGPTAPRDLGLLWETHLHHCCALEY\*LE\*\*NTGGNLGQHDMDAVGKRN\*QLHRFNILFT\*RIAVPAGEK\*TRIIGIG\*MVKFVELV\*HIKLAMVHKNIYNDSRRLDRFENSFYCTFYSKES\*AGIFTIIVPDPLPNLEGGRRARRNRRRRWREKQRQISTL

>B.2013.MF109479.-

MEPVDPNLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTKKALGISYGRKKRGQRRRSPQDSQTHQGPLSEQ\*VAYVMXLTILAIVALVVAAILAIVVWSIVLIEYRKILKQRKIDRLIERISERAEDSGNESEGDQEELSALGNGASCSLGC\*\*SVRLQKNCGSQSIMGYLCGKKQLQPYFVHQMLKHMIQRYIMFGPHMPVYPQTPTHKK\*\*YQM\*QRILICGKITW\*NRCMRI\*LVYGIKA\*SHV\*N\*PHSVLLYAALILVLPLRLKEK\*KIALSMSPQT\*EIRCRKNMQCFIKWM\*YQXID\*\*VVIPQSLHRPVQRHPLNQFPYIIVPRLVLRF\*SVTIRRSVEKGNVKMSVQYNVHMELGQ\*YQLNCC\*MAV\*QKKRW\*LDPPISRIMLKL\*\*YT\*MNL\*KLIVQDLTTIQVEVYI\*DQAEHLLQQEL\*\*ET\*EKHIVTLVENNGIKL\*NT\*L\*N\*ENNLGRIKQ\*SLINPQEGT\*KL\*HTVLIVEGNFSIVTQQNCLILYSHAE\*DKL\*ICGRK\*EKQCMPLPSKDKLNVHQILQG\*C\*QEMVXRPSDQEEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HPPRQKEEWCREKKEQWE\*EPCSLGSWEQQEALWAQRQ\*R\*RYRPGSYCLV\*CNSRITC\*GLLRRNSICCNSQSGASSSSGRESWLWKDT\*RINSSWGFGVALESSFAPLLCLGILVGVINLWNTFGKT\*LGCSGKEK\*ITTQA\*YTA\*LKNRKTGRKRMN\*TY\*NWTNGQICGIGLT\*QIGYGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDIHHYRSRPTAQLRGDPTGPEESTKKVEKETEMDPVH\*

>B.2013.MF109480.-

MEPVDPRLEPWKHPGSQPKTACTTCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTHQASLPKQ\*VVYVMXPIVALVVALVVVAIIAIVVWSLVFIEYRKILRQRRIDRLIDRIRDRAEDSGNESDGDQEELSALEMGNHVPGNIDDL\*CCRKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIKCDRKF\*HVEK\*HGRTDAGGYN\*FMGSKPKAMCKINPTLCYFRVQ\*C\*HH\*HH\*RRNKKLLF\*YHHRHER\*VSERTCTFS\*T\*CNTNX\*ADKL\*HLNPYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*Q\*DIQWNRTMYKYQHSTMYTWN\*TSSINSTAVKWQSSRRRGNN\*ISQFHRQY\*KHNSTAE\*ISTN\*LYKTRKQDKEKDTYRTRQIILCNKTNTRRY\*TSIL\*H\*WSKME\*HFKTNSYKIKRTI\*E\*NNSLSTISRRGPRNCNAQF\*LWRGIFLL\*YNTIV\*FKLPCRIKQIINMWQEVGKAMYAPPIEGPIRCVSNITGLILTRDGGETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGIGAVFLGFLGAAGSTMGAAAMTLTVQARQLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLALERYLKDQQLLGIWGCSGKLICTTAVPWNTSWSNRSVNDIWENMTWMQWEREIDNYTGLIYTLLEESQNQQEKNEQDLLELDKWANLWSWFSITNWLWYIKIFIMIVGGLVGLRIVFAVLSIVNRVRQGYSPLSFQIRPPASRGPDRPEGTEEEGGERDRDRSEQL

>B.2013.MF109487.-

MEPVDPRLEPWKHPGSQPRTPCNNCHCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VIHVMXLVVLAIAALVVAAIIAIVVWTIVFIEYRRILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALGNGAS\*SWLC\*\*SVV\*QETCGSQFIMGYLCGEMQIPRYFVHQMLKHMTQKYIMFGLHMPVYPQTPTHKK\*\*WEM\*QKILTCGKIIW\*NRCRRI\*SVYGIKA\*SHV\*N\*PHSVLL\*IALRAMVLSTIEEE\*KTALSIQPQR\*EIGHRKHMPFFITLM\*YKXIG\*YIVIPQSLHKPVQRYPLNQFPYIIVPRLVLQL\*SVTIRHSMEKDHAQMSAQYNVHMESGQ\*CQLNYC\*MAV\*QKKR\*\*LDLTISQTMLRS\*\*YS\*MKLYKLIVQDPTTIQEKVYLWDQGEQFMQQET\*\*EI\*DKHIAVLMGKSGMKP\*EG\*LKN\*RKNLIKQK\*YLITPQEGTQKL\*CTVLIVWGNFSTVVHQNCLESHSHVK\*NKL\*TCGRK\*EKQCMPLPSEDQLVVHQILQG\*Y\*QEMVXRPSDLEEEI\*GTIGEVNYINIK\*\*ELNH\*E\*HPPRQREEWCREKKEQWDSELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CNSRTIC\*ELLRRNSICCNSQSGASSSSRQESWL\*KDTYRINSS\*GFGVALESSSAPLLCLGMIVGVINL\*RRFGIT\*LGCSGIKKLIITQNTYTDYLKYRKTSKKRTNKNY\*H\*ISGQVCGIGLTYQVGCGI\*KYS\*\*\*\*EAW\*V\*E\*FLLYFL\*\*IELGRDTHHCHFRPASQPRGDPTGPKEQKKKVESKTETDPYAW

>B.2013.MF109494.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKVCCFHCQVCFISKGLGISYGRKKRRQRRRPSHDSQIHQVSLSKQ\*VIHVMXLVIFAIVALVVTGIIAIIVWTIVLIEYRKILRQRQIDRLLDRIRERAEDSGNESEGDQEELAMLVEMGHHAPWDVDDL\*CRAILGHSLLWSTCVERSNHHSILCIRC\*SI\*HRGA\*CLGHTCLCTHRP\*PTRSSIGKCDRKF\*CVEK\*HGNTDA\*GHN\*FMGSKPKAMCKINPTLCCFKLH\*YQ\*QQ\*\*QRRNEKLLFQCHWKHSK\*SEARKCTFL\*PGYSINXCVEKL\*QFSH\*TGLSKGLL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRTM\*KCQYSTVYTWN\*TSSVNSTTVKWQSSRRRGSN\*I\*ESHKQC\*NHNSTAE\*NCIN\*LYKTQQ\*YKKKYNYGTRESILCNGSHNRRYKKSILYH\*\*NTMVCHFEKSSCKVKRTI\*\*NNNL\*KFHRRGPRNCNAQF\*LWRGIFLL\*LNTAV\*YHTPMQNKTIHKHVAGSRKSNVCPSH\*RTN\*MFLKYYRITINKRWWXDFQTWRRRYEGQLEK\*II\*I\*GSKNSTIRNSTYQGKEESGAERKKSSNRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQPAESY\*GATAYVATHRLGHQAAPGKSPGCGKIPTGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ITK\*HLG\*HDLDGVGERN\*QLHKLNIHLT\*RIAEPTREK\*TRIIRIG\*VGKFVELVQHNKMAVVYKNIHNDSRRFSRFKNNFCCTFYSE\*S\*AGILTIVISDPPPNPKGTRQARRNRRRRWRQRQRQIQTI

>B.2013.MF109499.-

MEPVDPSLEPWRHPGSQPRTECNNCYCKACCFHCQVCFTKKGLGISYGRKKRRQRRRAPQGSQTHQDSLSKQ\*VIHVMXLVIVAIVALVLAAIIAIVVWTIVFIEYRKILRQRRIDRLIDRIAERAEDSGNESEGDQEELSALDMGHIAPWDVNDL\*CCDQLWVTVYYGVPVWKEATTTLFCASDAKAYDTEVHNVWATHACVPTDPNPQEVVLENVTENFNMWKNDMVEQMQEDIISLWDQSLKPCVKLTPLCVVLTCTNLTAENRTMEEIKNCSFNTSIGIGNRIKKEYAIFNRLDIIPXYTLINCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDKKFNGTGPCKNVSTVQCTHGIKPVVTTQLLLNGSLAEEDVVIRSENFTKNDKIIIVQLNESITINCIRPGNNTRKSVHIGPGRAFYATGDIIGDIRQAHCNLSGEAWNKTLKKIKEKLKEQFNKTIVFKSSGGDPEIVMHTFNCGGEFFYCNTTKLFTLTLPCRIKQIINRWQEVGRAMYAPPIRGNISCSSNITGLLLIRDGGEIFRPIGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAIGVGAMFLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQNNLLKAIEAQQHMLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNNSWSNKSLGNIWDNMTWMEWEREIENYTNLIYTLIEKSQNQQEKNEQELLELDKWASLWNWFDISNWLWYIKIFIMIVGGLIGLRIVFAVLTLVNRVRQGYSPLSFQTLLPPRDPTGPTESKKKVERKTETDPES\*

>B.2013.MF109501.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKGCCFHCQVCFTKKALGIFYGRKKRRQRRRPPQGGQAHQVSLSKQ\*VVDVMYT\*\*Q\*\*H\*\*\*\*Q\*\*Q\*LCGA\*YS\*NIGKY\*NKGK\*ID\*LIE\*QKEQKTVEMKVKGIRKNYQHWRWGTMLLGMLMICSAVKICGSQSIMGYLYGKMQTPLYFVHQMLKDMIQRYIMFGPHMPVYPQTPAHKN\*YWKM\*QKILTCGKITW\*NRCRKI\*LVYGIKA\*SHVYN\*PHFVLL\*IALILIVVMILKVK\*KTVLSTSKRAYKIR\*KKNLHIFITLI\*\*EXLG\*\*IVTPQSLHRPVQRYPLSQFPYITVPRLVLRF\*NVMIRSSMEQDHVKMSAQYSAHMELGQ\*CQLNCC\*MAV\*QKKR\*\*LDLKISQTMVKT\*\*YS\*MKL\*KLIVQE\*ATIQEKVYLWDQGKHFLQTEI\*\*EI\*D\*HIVILVK\*NGITL\*DR\*L\*N\*KNNIIKQ\*NLHTQEGT\*KLHHTCLFVEGNFSTVIQHACLISHSHVK\*NKL\*TCGREQEEQCMPLPSGGTLAVHQGLQGCY\*QEMVXRSSDLEEEI\*GIIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQWD\*ELCSLGSWEQQEALWAQRQ\*R\*RHRPDS\*CLV\*CNSRTIC\*GLLRRNNICCNSQSGVSSNSRQESWL\*KDT\*RINSSWGFGVALENSSAPPLCLGILVGVISHII\*FGIT\*PGCNGKEKLTITQA\*YTP\*FKNRKANKKRMNKNYCH\*IAGQVCGVGLTYQNGCGT\*EYS\*\*\*\*EA\*\*V\*E\*FLLCFL\*\*IELGRDTHHYRCRPSSHPEDPTGPEESKKKVERETETDPQD\*

>B.2013.MF109506.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKSCCFHCQVCFTKKGLGISYGRKKRRQRQRAPEHSQTHQASLSKQ\*VVHVMXLVILAIVALIVAIIVAIIVWTIVIIEYRKILRQRKIDRLVERIAERAEDSGNESEGDQEELSALVEVGYHNPGYVDDR\*YIRKVMGHSLLWGTCVERGNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSNIGKCDRKFYHVEK\*HGRTDA\*GYNQFMGSKPKTMCEINPTLCYFKLY\*W\*YY\*W\*YRRNEKLLFQNHCKHKR\*GKKRTCTFLYT\*CGTNX\*IETL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*R\*AVQWKWTMYKCQHSTMYTWN\*ASSFNSTAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAE\*ICSN\*LHKTQ\*QHKKKYVYRTRESMVCNRRYNRRYKKSTL\*H\*\*LQME\*HIKTHSYKITRTFSK\*NNNL\*SILRRGSRDCNAQF\*LWGGILLL\*YIKIV\*YHTPL\*NKANCKHVAGSRKGDVCSSHQGKHYLSIKYYRAATNKRWWXDLQTWRRRYER\*LEK\*II\*I\*NSTN\*TIRDSTHRGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSINDADGTGQTITVWYSATAEQSAEGY\*CATAYVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGLLGKTHLHHCRALECQLE\*\*ISK\*YLG\*HDLAGVGKRN\*QLHRFNIHFT\*RIAEPTRKE\*TRIIGIR\*VGKFMELVRHNKVAVVYKNIHNDSRRLDRLKNSFCCTCFSE\*S\*AGIFTIVISDPPPNPEGTRQARRNRRRRWRVRQRQILSI

>B.2014.MF109523.-

MEPVDPSLEPWKHPGSQPKTACNNCYCKQCCFHCQVCFTKKGLGISYGRKKRRKRQRAPEHSQTHQASLPKQ\*VNNVMXLVVLAIVALVVTGIIAIVVWTIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALEMGHHNPGYVDDL\*YSRKVMGHSLLWGTSVERSNYHFILCI\*C\*RI\*DRGT\*CLGHTCLCTHRPPPTRGGIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINSTLCYFKVQ\*\*QCYYQY\*KRNEKLFFQCHHKCTR\*DEKRICTFL\*P\*YHTNX\*VNKL\*YLSPYTGLSKGIL\*ANSHTLLCPTWFCDSKV\*Q\*DIRWKGTMYKCQHSTMYTWNQASSVNSITVKWQSSRRRGSN\*I\*QFLRQC\*GHNSTAE\*SCTNYLC\*AWQQYKKKYTYRTRESILHNRRYNRRYKTSTL\*H\*\*REME\*HTKTDSYKIKSTIWK\*NYSL\*PHWRGPRNRNTQF\*L\*RGILLL\*YITTV\*YHTPM\*NKTNYKPVAGSRKSNVCPSHQWTN\*LFINYYRADINKRWWXDFQT\*RRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHPGKEKSGAKRKKSSG\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDYYCLV\*CNSRAIC\*RLLRRNNTCCNSQSGALSSSRQESWL\*KDT\*GINSS\*EFGDALENSFAPLMCLGILVGVINLTMRFGVT\*PGWSGREKLTITQTQYTPCLKNRRTSKKRMNKNYWH\*ISGQVCGIGLA\*QIGCGI\*NYS\*\*\*\*EAW\*A\*E\*FLLYLL\*\*IELGRDTHHYRFRPASHRGTRQARRNRRRRWRARQRQIHSL

>B.2014.MF109524.-

MEPVDPRLEPWKHPGSQPQTACTNCYCKKCCYHCQVCFMKKALGISYGRKKRRQRRKPPQDSPTHQGSLSKQ\*VLHVMXLAIAAIVGLVVAIILAIVVWSIVFIEYRKIRKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWVINDL\*CCSKLVGHSVLWGTYMERCKHHFILCIRC\*SI\*CRGA\*CLGHTCLCAHRPQPTRNKIGQYDRKF\*HVGK\*HG\*TDA\*GYKKLMGSKPKAMCKIDSILCHSKLHRDHFN\*RHEERNEKLLFQHHHRLK\*EEERICIFL\*P\*YSTNX\*ADKL\*HLSHYKGL\*KNIL\*ANSHTLLYPGWLCASKV\*\*\*HIQWNRTMYKC\*HSTMYTWN\*ASSINSTAVKW\*SSRRRGND\*I\*KFHNKYVQHNSTAE\*NCKN\*LCKIQQQYKEKYNYGTRESILCKRRYNRRYKTSTL\*Y\*RSTVE\*NFKTGS\*KIKETIWRQQNNNL\*ATLRRGPRNCYTQF\*LRGGIFLL\*YIKIV\*YHTPMQNKTNYKQVGESRSGNVCPSHRRTN\*LYIKHYRDNINKRWWXDFQT\*RREYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWDLGSSRKHYGRSLNDADGTSQTIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAASGKSLGCGKIPKGSTAPGNLGMLWKTHLYHCCALEY\*LEQ\*IYG\*HLE\*HDLDGVG\*RD\*QLHTINIQLN\*RITIPTRKE\*KGLIRIR\*VGQFVELV\*HNKLAVVYKNIHNDSRGLDRIKNSFFCIFYSKES\*AGIFTIVISDPPPSAEGTRQARRNRRRRWREKQRQIEYI

>B.2014.MF109525.-

MDPVDPNLEPWKHPGSQPKTACNTCYCKKCCFHCQKCFTQKGLGISYGRKKRRQRRRSPQDNQTHQVSLSKQ\*VTYVMXLEIVAIVALVVAAIIAIVVWTIVLIEYRKILRQRKIDRLIKRISERAEDSGNESDGDQEELAALGDGASCSLGC\*\*SVKLQKNCGSQSIMGYLCGKKQTPPYFVHQMLKHMIQRYIMFGPHMPVYPQTPTHKK\*\*YQM\*QRILICGKITW\*SRCMRI\*LVYGSKA\*SHVWN\*PHSVLL\*TALNHS\*QYH\*RRNKKLLFQCHHKHKR\*DAERICTFL\*NGCNTNX\*IDKL\*YLSHYTGLSKDIL\*TNSHTLLCPGWFCDSKVQQ\*DVQWTRAMYKCQYSTMYTWN\*ASSINSTAVKWQSSRRRGGN\*IRQFLG\*C\*SHNSTVE\*ICTN\*LYKTQQQYKKKYTYNTRQSILCNRKHNRRHKTSIL\*H\*\*\*TME\*HSKKHSCEIKRTI\*EYNNKL\*SILRRGPRNCNAQF\*LWRGIFLL\*HNKIV\*YCTPMQNKTNYKHVAESRKSNVCPSH\*RTN\*M\*IKYYRFDINKRXDLQTRRRRYEGQLEK\*II\*I\*SNKN\*TIRNSTHQGKKKSGAERKKSSGTRSFVPWVLGSSRKHDGRSVNNADGTSQAVTVWYSATAEQPAEGY\*GATSIVATHSLGHQAAPGESPGCGKIPKGPTAPGNLGLLWKAHLHHYCALEY\*LE\*\*NYGTHLGKHDLDGVGKRN\*\*LHRCNIQTN\*TIAKPAGKE\*TRLIGIGQMGKFVELV\*HIKLAVVYKNIHNNSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVPDPPPSQEGTRQARRNRRRRWRERQRHIQSL

>B.2014.MF109533.-

MDPVDPRLEPWNHPGSQPKTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRTPQDSQTHQVSLPEQ\*VVHVMXLTILAIVALVVAAIIAIVVWTIVFIEYRKILKQKKIDRLIDRIRERAEDSGNESEGDQEELSALGEGASCSLEC\*\*SVVLERIHGSQSIMGYLCGKKQLLLYFVHQMLKHMTQRYIMFGPHMPVYPQTLAHRKYS\*KM\*QKILICGKIIW\*NRCIGI\*SVYGMKA\*NHV\*N\*PHSVLL\*IALTLLTLIVLGER\*KTALSMSPQTEEIRCRKSMHFFISLI\*NQXIH\*\*VVTPQSLNRLVQRYPFSQFLYIIVPQLVLRF\*NVTISSLMEQVHVKMSAQYNVHMELSQWCQPNCC\*MVVWQKKR\*YLDLQISRTILKP\*\*YS\*MNL\*\*LIVQDPTIIQEKVYV\*GQGAHFMQ\*ET\*\*EI\*ERHIVTLVEQIGIKL\*SR\*VKN\*ENTLRIKQ\*PLIDPQEGTQKL\*CTLLIVEGNFSIVTQHSCLISHSHAE\*NKL\*TCGRK\*EKQYMPLPSEETLAVHQTLQGCY\*QEMVXRSLDLEEEI\*ETIGEVNYINIK\*\*ELSQ\*E\*HLPRQREEWCRKKKEQWELCSLDS\*EQQEALWAQRH\*R\*RYRPDKYCLV\*CNSKTIC\*ELFKRNSNCCSSQSGASSSSRQESWLWKDS\*GINSS\*GFGVALENTFAPLLCLGIIVGVRTI\*VTFGLT\*PGWSGRSKLKITQIQYTNYLKNRRSSRIRMKRTCWNGINGQACGTGLIYQIGCGI\*EYS\*\*\*\*EV\*\*G\*E\*FLLYFL\*\*IELGRDTHHCHSRPASQLRGDPTGPKESKKKVETETGTDPVNQ

>B.2014.MF109534.-

MEPVDPSLDPWNHPGSQPKTACTNCYCKKCCFHCQKCFITKGLGICYGRKKRRQRRRPPQDSQTHQGYLPKQ\*VTYVMXLTIIAIIALIIAAIIAIVVWSIVLIEYRKILKQRKIDRLINRIAERAEDSGNESEGDQEELAGLVERGHLAPWDIDDM\*CCRTIVGHGVLWGTCVERSIHHSILCIRC\*SI\*\*RST\*CMGHTCLRTHRPSPTRSRSDKCDRKF\*YVEK\*HGKSDA\*GCNQFMGSKPKAMC\*VNPTLCYFNLHCFYQYHQVQ\*RDEKLLFQHYHRCKR\*NEKGICTFLYS\*CRTNX\*VDKL\*HLNRYTSLSKNIL\*ANSHTLLCPGWLCDF\*V\*R\*KVQWNRAM\*KCQYSTMYTWN\*ASSINSTAVEWQSSRRRDSN\*I\*KFLKQC\*KHNSTAAEPCRN\*VYETRQQYKKKYKYRARECILCNRRYNRRYKTGPL\*H\*\*RQME\*HFSTGS\*KIRRTIWE\*NNNL\*\*SHRRGPRSCNAHF\*LWRGIFLLYYNKTI\*YHTPMQDKTIYKHVAGSRKSNVCPSHQRRN\*MYLKYYRADINKRWWXDLQTWRRRYEGQLEK\*TI\*IQSSKN\*TIRSGTHQGKEKSGAKREKRIDTRSSVPWVLGSSRKHYGRSVTDADGTGQTTIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPGNLGLLWKTHLHHCCALECQLE\*\*N\*GGYLE\*HDLDAVGKRN\*KLHK\*NIPVT\*KIAKPTRKE\*TRVIRIR\*VGKFVELVQHNKLAVVYKNIHNDSRRLNRFKNSFCCTCYSK\*S\*AGIFTIVVPDPPPSSEGTRKARRNRRRRWRERQRQIRSI

>B.2014.MF109536.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKMCCFHCQVCFIQKGLGISYGRKKRRQRRRTPQGSQNHQVSLSKQ\*VIHVMXLVIAAIVALVVVAVIAIVVWTIVLIEYRKILRQRKIDRLYDRILERAEDSGNESEGDQEELSALVGMGHHAPWDVNDL\*CYR\*VVGHSLLWGTCVERSNHHSVLCIRC\*SI\*QRGT\*CLGHTCLCTHRPQPTRNSNGKCDRKF\*HVEK\*NGRADA\*GYNQSMG\*KSKAMCKINPTLCYFKLL\*F\*\*\*Y\*YQGRDAKLHV\*CHRKHKR\*EIYRICTFS\*T\*CNANXYIDKL\*YLSHYTGLSKGLL\*TNSHTLLCPGWFCDSKV\*\*\*KVQWNRTM\*KCQHSTMYTWN\*ASSINSAVVKWQSSRRRSSN\*ISKCLRQC\*NHNSKPEPICTN\*LYKSRQQYQKKHTYRTGKSILCNRKYNRRYKKSTLQP\*QSSLEQYFKTDSYKIKGTN\*\*NNNNF\*FILRRRPRNSNAQF\*LWRGVFLL\*YNTAV\*YHTPMQNKANYKQMAGSRKSNVCPSHQRKH\*LFIKYYRAALNKRWWXDLQTCRRKHDG\*LEK\*IV\*I\*SSTN\*AIRNSTHQGTEKSGAERQKSSG\*ELCSLGSWEQQEALWAQRQ\*R\*RYKPDNCCLV\*CNSRTIC\*RLLRRNSVCCSSQSGASSSSRRES\*LWKHT\*RINSSWESGVALENSFAPLLCLGILVGVINL\*KRFGIT\*PGWNGREKLIITQPQYTN\*LKKRSTSRK\*MKKTCWNWIHGQVCGIGLTYQNGCGI\*EYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHCHSRPASQPRGDPTGPKEQEKKVERETETHPVG\*

>B.2014.MF109540.-

MEPVDPRLEPWKHPGSQPRTACTGCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRAHQDSQTHQASLSKQ\*VVYVMXLQILAIVALVVAAIIAIVVWTIVLIEYRKILRQRRIDRLIERIQERTEDSGNESEGDQEELSALVERGHLAPWDIDDL\*RCRTVVGHSLLWGTCVERSNHHSILCIRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRNRIGKCNRKF\*HVAK\*HGRTDA\*GYNQLMGSKPKAMCEVNPTLCYSKLH\*\*\*YYQYQ\*GRNEKLFFQYLHKHERQIAESSVTFLCT\*CSTIX\*VKKL\*YLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*GVQRKRTMYKCQHSTMHAWN\*ASSINSTAIKW\*SSRK\*NSN\*I\*KSHEQC\*KHNSTAERSCRN\*LHKTQQQYKKEY\*YGTRESILYNRRHNRKYKTSTL\*H\*\*SKME\*HFKTDSCKIKRTIFKQNNKISAILRRGSRNCNA\*F\*LWRRIFLL\*FNTTV\*SHTPMQNKTNYKPVAKGRKSNVCPSHQWSNYV\*LNHYRDNINKRWWXDLQTCRRGYEGQLEK\*IIQI\*SSKN\*TIRDSTYQGKEKSGAERKKSSGIRSCVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAKQFAEGY\*GATASVATHSLGHQTAPGKSPGCGKIPAGSTAPGNLGLLWKTHLHHCCTLE\*\*LE\*\*IAGFYLE\*YDLDAVGKRN\*QLHRLNIQLA\*RIAKPTRKE\*TRIIGIR\*MGKFVELVQHIKLAVVYKNIHNDSRRPDRFKNSFHCTFYSK\*S\*EGILTIVVSDPPPSPEGTRQARRNRRRRWRKRQGQIRKI

>B.2014.MF109543.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQACFTKKALGISYGRKKRRQRRRPPQDSETHQGAISKQ\*VVYXLKHISDSSICSSSNSSNSCVDHSIYRI\*KNIKTKKNRQVN\*\*NKRKSRRQWQ\*E\*RGSRRIVSIGGDGA\*CSLGC\*\*SVVLLNNCGSQSIMGYLCGKKQPPLYFVHQMLKHMIQRRIMFGPHTPVYPQTPTHMK\*N\*KM\*QKTLTCGQMTW\*NKCMRI\*SVYGIKA\*SHV\*N\*PHSVLL\*TAGILLLLLIIVKG\*KTALLISPQAQMRGEQIMHFFTN\*M\*HKXIG\*QVVTPQSLNKLVQRPPLSQFQYIIVPRLVLRF\*NVKTRISMEQDHVEMSAQYNVHMELGQ\*CQLSCC\*MAA\*QKKK\*YLDLKISQTMLNP\*\*YI\*MNLCKLNV\*DPTTIQGKVYI\*DQDKHFMQQER\*\*EI\*GKHIVTLAGQTGLTL\*ER\*L\*N\*ENILTKQ\*SLINPQEGT\*KLKGSVLIVEGNFSIVIHQHCLISHSNAE\*NKL\*TCGRE\*DKQCMPLPSKD\*LTVHQILQACY\*QEMVXRLLDLKEEI\*RIIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQWD\*ELCSLGSWEQQEALWAQRQSR\*RYRPDNYCLV\*CSSRTIC\*GLLRRSSICCNSQSGASSSSRQDSWL\*KDT\*RINSSWGFGVALENSFAPLLCLGMLVGAINL\*VRSGIT\*PGYNGRGKLTITQA\*YTPYLSKRKTSKRRMNKNY\*N\*INGQVCGIGFQYPIGCGI\*NYS\*\*\*\*EA\*\*V\*E\*SFLCFL\*\*IELGRDTHHCHFRPTSQQRGDPTGPKESEKKVEREEQTDPVD\*

>B.2014.MF109546.-

MEPVDPRLEPWNHPGSQPATPCTNCYCKQCCFHCQVCFIKKALGISYGRKKRRQRRRSPQVVRLIKVLYQSSK\*\*M\*XLYP\*\*Q\*\*H\*\*\*QQY\*Q\*LCGL\*\*S\*NIGKY\*DKEK\*IG\*LIE\*QKEQKTVAMRVRGMRKNWQDLWRWGIMLLGMLMICNATDKLWVTVYYGVPVWKEANTTLFCASDAKAYDTEVHNVWATHACVPTDPSPQEIKLENVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTNIITLFGTKTK\*KIALSMSQT\*KIEEKKNMHSSIKLI\*YQXID\*\*VVTPQSLHRPVQKYPLSQFPYIIVPRLVLRF\*NVKIQSSMEQDRVTMLPQYNVHMELGQ\*YQLNYC\*MAV\*QKKR\*\*\*DLKISRIMPKP\*\*YS\*VQL\*KLIVQDPTTIQEEYTYRTRAGILCNRRNRRYKTSTL\*P\*\*QRMEQHFESDSYKIKQRI\*Q\*NNSL\*SILRRGPRNCNAYF\*LWRRIFLL\*YNKAV\*YHTTMQNKTNYKHVAGSRKGNVCPSNQRAN\*LFIKYYRAAINTGWWXDFQTWRGKYERQLEK\*II\*I\*SSEN\*TIRSSTHQGKEKSGAKRKKGSGNRSCVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQLAESY\*CATASVAAHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWETHLPHCCALEC\*LE\*\*ISE\*HLGKHDLDTVGKGN\*QLHRRNI\*VN\*KIAEPAGTE\*TRIIGIG\*MGKLVELV\*HNKMAVVYKNIHNGSRGLGRFKNSFCYTFFSE\*S\*EGILTIIVSDPPPNPGGTRQARRNRRRRWRQRQRQINSI

>B.2014.MF109551.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTRKGLGISHGRKKRRQRRRTPQNSETHQVSLPKQ\*VVHVMXLIIGSIVALVIALIIAIVVWTIVLIEYRKILRQRKIDRIIDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CCRPIVGYSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNSIGKCDRKF\*HVEK\*HGKTNA\*GYNQFMGSKSKTMCKINPTLCYFKLQ\*FY\*QN\*Q\*GRNKKLLF\*CHHKHKR\*GKARICTVL\*S\*YSTNX\*VDKL\*YLSHYTVLSKSNL\*TNSYTLLCPGWFCDSKV\*\*KEVQWIRSM\*KCQYSTMYTWN\*ASSVNSTAAKWQSSRR\*GSD\*I\*QFLGQY\*KHNSTAK\*NCTN\*LYKTQQQYKKKYTYRTRESILCNRRNSRRYKKSTLHH\*WK\*LEKNFRKGS\*KIKRPI\*QNNNL\*STIRRGSRNYNAHF\*LWRGIFLL\*YNKTV\*FTLPCRIKQIINMWQEVGKAMYAPPIPGIINCLSNITGLILTRDGGEIFRPGGGDMRDNWRSELYKYKVVEIKPLGVAPTKAKRRVVRREKRAVGIGAMFLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARILAVERYLQDQQLLGLWGCSGKLICPTTVPWNTSWSNKSLNKIWNNMTWMQWEREIDNYTGLIYTLIEQSQNQQEINEQELLELDKWANLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFAVLSIVNRVRQGYSPLSLQTLLPTPRGPDRPEGIEGEGGERGRDSSVRL

>B.2014.MF109558.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCYHCQLCFIKKGLGISYGRKKRRPRRGTPQDSQTHQSSLSEQ\*VLHVMXLEIVAIVALVIAAIIAIVVWSIVLIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELLVEMGHLAPWDIDDL\*CYKQIVGHSLLWGTCVERSNYYSILCIRC\*SI\*YRGT\*CLGYTCLCTHRPQPTRNKIGKYNRIF\*HVEK\*HGRTDA\*GYNQFMG\*KSKAMCRINSTLRYSKLH\*VEQY\*\*EK\*KTALST\*TGEIRCSRKNMQFFISMM\*YQXLG\*\*VVTPQSLHRPVQRYLLNQFPYIIVPRLVLRF\*SVVIQSSMEQDHVKMSVQYNVHMELGQ\*CQLNCC\*MAVWQKRR\*\*LDLRISRTMLKP\*\*YS\*MKL\*KLRV\*DPTTIQEEVYI\*DQGKYFMQEK\*\*ET\*EKHIVILVKKTGIRL\*KR\*LKN\*ENNLGIKQ\*SLINPQEGI\*KL\*HIVLIVEGNFSTVIQHNCLILHFHAE\*NKL\*TCGRK\*EKQYMPLPSEDKLNVHQILQGYY\*QEMVXRSSDLEEEI\*GTIGEVNYINIK\*YKLSH\*E\*HPPRQREEWCREKKEQ\*E\*ELCSLGSWEQQEALWAQRR\*R\*RYKPDSYCLV\*CSSRIICCGLLRRNSICCNSQSGASSSSRQESWLWKGT\*RINSSWGFGVALENSSAPLLCLGILVGVINL\*RIFGIT\*PGWSGTGKLTITHS\*YTA\*LKNRRTNKKRMNKNYWSWINGQVCGIGLT\*QNGCGI\*NYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHLYRFRPASQPRGDPTGPKESKKKVEKETETDPLH\*

>B.2014.MF109561.-

MEPVDPRLEPWKHPGSQPATPCTKCYCKKCCLHCQVCFTTKGLGISYGRKKRRKRRRAPQDSPPDQVPLPKQ\*VVYVMXLQVIAIVALVVAAIIAIVVWTIVIIEYRKIRRQRKIDRLIDRIAERAEDSGNDSDGDQEELSALEMGHHAPWDVDDL\*C\*DKLWVTVYYGVPVWKDATTTLFCASDAKAYDTEAHNVWATHACVPTDPSPQEVVMANVTEDFNMWKNKMVEQMHEDIISLWDESLKPCAKLTPLCVTLNCTDGSANTTTRGEIKNCSFNITTKIRQKVRSDYALFNRLDVVPXFMLINCNTSVITQACPKISFEPIPIHYCTPAGFAILKCNDKKFNGKGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSANFSDNAKNIIVQLNETIEINCTRPNNNTRKSIHMAPGRSLFTTDIIGDIRQAHCNLSAAKWNNTLKQIVIKLREQFPNKTIIFKPSGGDPEIIMHSFNCGGEFFYCNTSNLFNITLPCRIKQIINRWQEVGKAMYAPPISGPIRCVSNITGLVLTRDGGETFRPAGGDMRDNWRSELYKYKVVKIEPLGLAPTKAKRRVVQRERRAVTIGAVFLGFLGTAGSTMGAASLTLTVQARQLLSGIVQQQNNLLKAIEAQQHMLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNASWSNKNLSQIWDNMTWIQWEREIDNYTGLIYNLLEESQNQQEKNEKDLLELDKWTNLWSWFDISNWLWYIKIFIIIVAGLVGLRIVFTVLSIINRVRKGYSPLSFQTHLPARDPTGPKKQEKKVERETETDPVH\*

>B.2014.MF109578.-

MDPVDPRLEPWQHPGSQPKTACNQCYCKKCCYHCQVCFLTKGLGISYGRKKRRQRRRPPQDSQNHQASLSKQ\*VVYVMXLYIYSIVALVVVAIIAIVVWSIVIIEYRKILRQRKIDSLLDRIIERAEDSGNESEGDQEELSALGDGA\*CSLEG\*\*SVVLHKICGSQFIMEYLCGKKQPPLYFVHQMPKHMIQKHIMFGPHMPVYPQTLTHKK\*NWKM\*QKILTCGKMTW\*NRCRRI\*SVYGIKA\*SHV\*N\*LHSVFL\*TALISILLIKVVK\*\*KTALSMSPQP\*EIK\*QKNMLFFIQMM\*\*GXIH\*\*IVTPQSLRKPVQR\*ALNQFPYIIAPRLVLRC\*SVRIRSSMEQDHVEMSAQYNVHMELSQ\*CQLSYC\*MVV\*QKKR\*\*LGLKISQTMPKP\*\*YI\*MNL\*KLIVQDPTTIQEKV\*L\*DQGKHFMQQEA\*\*EI\*DKHIVTLVQQLGMTL\*ER\*LKA\*ENS\*NGIKQ\*ILPNPQEGTQKLQCTLLIVEENFSTVIHQSCLIHTPMQNKTNCKQMAGSRKSNVCSSHQWKN\*LFLKHYRAAINKRWWXNLQTWGRRYEGQLEK\*II\*I\*SSKNSATRNSTHQGKEKNGAERKKSNNNRSYVPWVLGSSRKHYGRSGIDADGTSQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHFCALEY\*LEQ\*KSGDHLAEPDLDGVGKRNRQLYRRNIQIN\*KIAEPTRTK\*TRFIAIGSVGKSVELVRHNKMAVVYKNIHNDSRRLNRFKNSFYCTFYSK\*S\*AGILTLIISDPPPSPEGTRQARRNRRRRWRERQRHIQAV

>B.2014.MF109590.-

MDPVDPRLEPWQHPGSQPRTACNNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQGSKTRQDSLSKQ\*VVHVMXLVIGAIVALVVVTILAIIVWTIVLIEYRKILRERKIDRLIDRIRERAEDSGNESEGDQEELSGLGAGAPCSLEC\*\*SVVLQKICGSQSIMGYLCGKMQTPLCFVHQMLRHMKERYIMFGPHMPVYPQTLVHKK\*DWKM\*QNLLTCGKITWWNKCMRI\*SVYGIKA\*SHV\*S\*PHSVLL\*IASI\*Y\*CH\*\*EEIKNCSFNITTSIRDRVQKDYALFYNLDIVPXYRLRSCNTSVITQSCPKISFDPIPIHYCAPAGFAILKCNDKKFDGKGDCKNVSTVQCTHGIRPVVSTQLLLNGSLAEEGVVIRSENFTNNAKNILVQLNETVEITCARPNNNTRRSISMDQGEHFMQWEK\*\*ET\*EKHIVTLVEQTGLVLYDR\*L\*N\*EKNLTKQK\*PLINPQEGTQKL\*GTLLIVEENFSTVIQHNCLIHTPMQNKTDCKHVAGSRKSNVRPSHQRTNSMHIKHYRANINKRW\*XDLQTWRRKYEGQLEK\*II\*I\*SSRN\*TIRNSTYHSKEESGAERKKSSGNRSCIPWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAKQFAEGY\*GATTSVATHSLGHQAAPGKTPGCGKIPKGSTAPGNLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*HLG\*LDLETVGKRN\*\*LYRSNIQFT\*RIAEPAGKE\*TRIIGIGQVGKFMELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTNLVSDPPPSPEGTRQARRNRRRRWRERQRQIRDL

>B.2014.MF109596.-

MDPVDPRLEPWKHPGSQPKTKCTNCYCKKCCFHCIVCFTKKGLGISYGRKKRRQRRRAPQDSETNQVPLSKQ\*VVHVMXLQIVAIAALVVVAIIAIIVWSIVFIEYRRILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALEMGHHAPWDVDDL\*CHEQKWVTVYYGVPVWKEATTTLFCASDAKAYDTEMHNVWATHACVPTDPNPQEIELKNVTENFNVWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTSGNNTEDNREEMTNCSFYVTDNIKNKEQKEYAIFDRLDVVPXYMLVNCNTSVITQACPKVSFEPIPIHYCAPAGFAIIKCRDKNFNGSGPCTNISTVQCTHGIRPVVSTQLLLNGSLSEDQVVIRSENFTNNAKTIIVQLNETVQINCTRPNNNTRKSITIGPGRAFFGTDIIGDIRQAYCNISKANWNKTLEQVAIKLREQYNKTIAFSPNKGGDPEIVMHSFNCRGEFFYCNTTQLFNITLPCRIKQIINRWQEVGRAMYAPPIKGPISCTSNITGLLLTRDGGEIFRPGGGDMRDNWRSELYKYKVVKVEPLGIAPNKARRRVVQREKRAVGLGAVFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQNNLLKAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTNVPWNNSWSNKSLEDIWGNMTWMQWEKEIDNYTHTIYRLLEESQNQQEKNEQDLLALDSWASLWNWFDITKWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQIHPPPRDTTGPEESKKKVERKTETGPKD\*

>B.2014.MF109605.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKSCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTHQASLPKQ\*VVL\*XLYIYQQ\*\*H\*\*\*QE\*\*Q\*LYGL\*YS\*NIGKY\*NKEK\*TGYLIE\*EKEQKTVAMRVKGTRMNYQNLERGHLAPWDVNDM\*CYRKIVGHSLLWGTCVERSNHHSILCIRY\*SI\*HRGT\*CLGHTCLCTHRPQPTRNKIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*YH\*\*\*YH\*RRTKELLFQHHHKHKR\*EAESTCIIL\*T\*CSTNX\*VDKL\*QLSHYTGLSQSNL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTM\*KCQHSTMYTWH\*ASNINSTSVKWQSSRGRGSN\*I\*KFHKQC\*NHNSTAE\*NSRN\*LHKTQQ\*YNKRYRYRTRESTVYNKKDNRRYKASIL\*H\*\*SKME\*HFRKSS\*KIKRTIWE\*NNKISATRRGPRNCNAQF\*LRRGIFLL\*HNRTV\*YYTPMQNKTIYKHVAGSRKSNVCPSHPRTN\*MLIKHYRATINKRWWXDLQTWRRGYEGQLEK\*IIQI\*SSTN\*TIRNSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVIDADGTGQTIIVWYSATAEQFAEGY\*GATAFVATHSLGHQAAPGKSPGCGKIPKRSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISECNLG\*HDLDGMGKRN\*QLHRLNI\*LN\*RRAKPTRKE\*TRIIGIR\*VGKFVELV\*HNKMAVVYKNIHNDSRRLDRIKNSFCCTFYSE\*S\*AGILTLVVSDPLPSLEGTRQARRNRRRRWRERQRHIQSI

>B.2014.MF109616.-

MEPVDPRLEPWKHPGSQPKTACTACYCKQCCFHCQVCFLKKALGISYGRKKRRQRRRPPQDSQNHQVPLPKQ\*VVHVMXLIIAVVALVVAAIIAIVVWTIVLIEYRRILRQRKIDRLINRIAERAEDSGNESEGDQEELSKLDRGHLAPWDVNDL\*YYENLWVTVYYGVPVWKEATTTLFCASDAKAHDTEVHNVWATHACVPTDPNPQEIELENVTENFNAWKNNMVEQMHEDIISLWDESLKPCVKLTPLCVTLDCTDGNETNSNSGEMKYCSFNVTTSVKDKKQKEYALFYKLDLVSXYRLISCNTSVITQACPKISFEPIPIHYCAPAGFAILKCKDKKFNGTGPCKNVSTVLCTHGIRPVVSTQLLLNGSLAEEEVVIRSQNFTDNAKTIIVHLNESVQINCTRPNNNTRKSINIGPGRAFYATGEVTGDIRRAYCNISRKDWNNTLQRVVKKLREQFGNNKTIVFKSSGGDPEIVMHTFNCGGEFFYCNTTKLFNITLQCRIKQIINMWQEVGKAMYAPPIRGSIKCSSNITGMLLTRDGGETFRPEGGDMRDNWRNELYKYKVVQIEPLGVAPTKAKRRVVQREKRAVGLGALFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIKAQQHLLQLTVWGIKQLQARVLAIEKYLKDQQLLGIWGCSGKRICTTAVPWNTSWSNKSMNDIWNNMTWMEWEKEIHNYTQTIYNLIEQSQNQQEKNEQELLELDKWASLWNWFDITQWLWYIKIFIMIVGGLVGLRIVCAVLSIVNRVRQGYSPLSFQTLLPPRDPTGQKESKKAVERATKQDPAD\*

>B.2014.MF109620.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFMKKALGISYGRKKRRQRRRSPQDRQVDQGPIPKQ\*VVYVMXLQIAAIVSLVVVGIIAIVVWAIVIIEYRRILRQRKIDRLLDRILERAEDSGNESEGDQEELSELMERGHLAPWDVNDL\*GYRKIVGHSLLWGTCVERS\*CHSILCIRG\*SI\*SRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRV\*HVEK\*HGRTDA\*GYNQFMGSKLKTMCKINSTLC\*INLH\*\*\*\*\*QYQ\*RRHKKLLFQYHHKHK\*ENADICAF\*\*S\*SSVHX\*VDKL\*YLSH\*TGLSKGIL\*ANSYTFLCPGWFCDSKV\*R\*\*I\*WNRTM\*\*CQHSTMYTWD\*ASSVNSTAVKWQPSKRGGNN\*ICQSLR\*C\*NHNNTTARICKHYLCKTQ\*QYKKKYTYGTRESILYSRNNRRYKKSIL\*Y\*\*NKME\*DFKPGS\*KIK\*KT\*PNNNNL\*AICRRRPRNCNTQF\*LWRGIFLL\*YNKTV\*YHNSMQNKTNCKHVAGSRKSNVCPSHQGSN\*LYIKYYRAAINKRWWXHLQTWGRRYEGQLEK\*II\*IQSSKNRTIRSSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSVNNADGTGQTSIVWYSAAAEQSAESY\*GATAHVATHSLGHQAAPGKNPGCGKIPTGSTAPRTLGLL\*ETHLHHCCALEC\*LE\*\*ISG\*HLE\*HDMDAVGKRNCKLHRDNIHLN\*RIAEPTRKE\*KRLIRIG\*MGKSVELV\*HIKMAVVYKNIYNDSRRLGRVKNSFCCNFYSE\*S\*EGILTIIVADPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2014.MF109624.-

MEPVDPRLEPWQHPGSRPKTACTNCYCKQCCFHCLVCFTTKGLGIYYGRKKRRQRRRTPQGNQAHQVALPKQ\*VIYVMXLVIASIVALVLVTIIAIVVWTIVFIEYRKILRQRKINRILDRIRERAEDSGNESEGDQEELSALVDMGHLVPLDMDDL\*CCRSVVGHSLLWGTCVERCKHHSILCIRC\*SI\*KRDA\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*HVEK\*HGRPNA\*GYN\*FMGSKPKAMCKINPTLCHFKLH\*FY\*FEFYQRRNEKLLFQYHHKHKR\*DNKRICTFL\*N\*YSINXYIDTL\*HLSHYTGLSKGIL\*TNSHTFLCPGWFCDSKV\*\*\*NFHWKGTMHKCQYSAMYTWN\*ASSVNSTTVKWQSGRRRYSN\*I\*KLFGQC\*KYNNTSK\*ICDN\*LHKTQ\*QYKKRYTYRTRESILCNRSNNRRYKTGTL\*P\*\*STME\*NFRKDNYKIKRTFGK\*YKNSL\*STLRRGPRNCNAHF\*LWRGILLL\*YNTTV\*YHTPMQNKTNCKHVATSRKSNVRPSHRRTN\*M\*IKYYRAAINKRWWXDLQTWRRKHEGQLEK\*IV\*I\*SSKN\*AIRTSTHQGKEKSGAKREKSNRNRSFVPWVLGSSRKHYGRSISNADGTSQTIIVWYSATAKQFAESY\*GAAAYVATHSLGHQAAPSKNPGCRKIPKGSTAPGNLGLLWKAHLHHCCALEC\*LE\*\*NCRRYLGQHDLDAMGKRN\*QLHRLNIHFT\*TIAKPARKE\*TRIIGIG\*VGKFVELV\*YNKLAMVYKTIYNDSRRLDRFKNSFYNIFYSE\*S\*EGILTIVISDPPPSSEGTRQARRNRRRRWRGRQRHIKSI

>B.2014.MF109627.-

MEPVDPRLEPWNHPGSKPKTACTSCYCKKCCFHCQLCFARKALGISYGRKKRRQRRRSPPDSQTHQVDLSKQ\*VVYVMXLAVLAIVALVVAAILAIIVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHIAPWNVDDM\*C\*TGFMGHSLLWGTCVERSNYHSILCIRCESI\*YRKA\*CLGHTCLCTYRP\*STRSGIGKCDRKF\*YVEK\*HGRTNAGGYNQFMGSKSKAMCKVNPTLCYYGMH\*YQQY\*YQQRGNKKLLFQHDHKHKR\*SGEKLCTL\*\*T\*CGANX\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLYPSWFCDSKV\*G\*KVQWNRAM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRGSST\*ICQFHRQY\*NNNSTAA\*TCKN\*LYKTQQ\*YKKGYSHRTRESILRNRRNRRYKKSIL\*C\*\*NRMEQHFRTDS\*KIKRTIWE\*NNNL\*SICRRGPRDYNAQF\*LWRGIFLL\*YITIV\*YHTPMQNKTNYKQVARGRKSNVCPSHRRTN\*LLIKYYRTAINK\*\*WXDLQTWRRRYEG\*LEK\*II\*IQSSKN\*TIRSSTHQGKKKSGAERKKSSGIRSYVHWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAKQFADGY\*GATTSVATHSLGH\*TAPGKSPGCRKIPT\*STAHGDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*HLGKHDLDGVGKRN\*\*LHRLNIQLT\*RIANPTRKK\*TRITGFR\*MGKFVELV\*HIKLAVVYKTIHNDSRRLDRLKNNFCCA\*YSE\*S\*GGILTIIVPDPPPNPEGTRQARRNRRRRWRARQRQLQAI

>B.2014.MF109630.-

MEPVDPRLEPWNHPGSKPRTPCTTCYCKKCAWHCQVCFLQKGLGISYGRKKRRQRRRASQDSQTHQASPSKQ\*VVNVMXLVIGAVVALVIVGIIAIVVWSIVIIEYRKILRQRKIDRIINRIIERAEDSGNESEGDQEELLEMGHLVPWDVDDL\*CYRTIMGHSLLWGTCMERRKHHSILCIRC\*RI\*YRGT\*CLGHTCLCTHRPQPARNSISKCDRKF\*HVEK\*HGGTDA\*GYNQFMG\*KPKAMCKINPTLCYFKMH\*\*W\*CY\*K\*RRNKKLLFQYYHRHKR\*GKDRKCTFI\*T\*YSANX\*VDKLQHLSH\*TGLSKGIL\*ANSHTFLCPSWFCDSKV\*\*QEFRRKRTLYKCQHSTMYTWNSASSINSTAVKWQSIKRRGND\*I\*KYHGQ\*\*KHNSTAE\*DCRNSLYKTQQQYKKEYPSRTRSMAYNRKHNRKHKTSTL\*HQ\*RKMEQNFTTDS\*KIRRKN\*YNNNSL\*SILRRGPRSCNAHF\*LWRGIFLL\*YNTTV\*YHTPMQNKTNYKPVAGSRKSNVCPSHPRNN\*VYIKYYRANINKRW\*XDLQTWRRKYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAERKKSSG\*ELCSLGSWEQQEALWAQRH\*R\*RYRPDNYCLV\*CNNKTIC\*GLLRRNSICCNSLSGASSSSRQDSWLWKDT\*GTNSSWGFGVALENSSAPLLCLGIIVGVINLWRTFGIT\*PGWNGKEKLTITQA\*YTL\*LKNHRTSKKRMNKNY\*NWINGQVCGIGLA\*QIGCGI\*RYS\*\*\*\*EA\*\*V\*G\*FLLYFL\*\*IELGRDIHHYHSRPTTQPRGDPTGPKESKEKVEKETAMDPVH\*

>B.2014.MF109636.-

MEPVDPRLEPWNHPGSKPKTACTSCYCKKCCFHCQLCFARKALGISYGRKKRRQRRRSPPDSQTHQVDLSKQ\*VVYVMXLEVIAIVALVVAAILAIIVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHIAPWNVDDM\*C\*REFMGHSLLWGTCVERSNYHSILCIRCESI\*YRKA\*CLGHTCLCTYRP\*STGSGIGKCDRKF\*YVEK\*HGRTNAGGYNQFMGSKSKAMCKVNPTLCYYGMH\*YQQYYYQQRGNKKLLFQHDHKHKR\*SGEKLCTL\*\*T\*CGANX\*VDKL\*YLSHYTGLSKDIL\*ANSHTLLYPSWFCDSKV\*G\*KVQWNRAM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRGSST\*ICQFHRQY\*NNNSTAA\*TCKN\*LYKTQQ\*YKKGYSHRTRESILRNRRNRRYKKSIL\*C\*\*NRMEQYFRTDS\*KIKRTIWE\*NNNL\*SICRRGPRDYNAQF\*LWRGIFLL\*YITIV\*YHTPMQNKTNYKQMARGRKSNVCPSHRRTN\*LLIKYYRTAINKRSWXDLQTWRRRYEG\*LEK\*II\*IQSSKN\*TIRSSTHQGKKKSGAERKKSSGNRSYVHWVLGSSRKHYGRSVNGADGTSQTIIVWYSATAKQFADGY\*GATTSVATHSLGH\*TAPGKSPGCRKIPT\*STAHGDLGLLWKTHLHHYCALEC\*LE\*\*IL\*\*HLGKHDLDGVGKRN\*\*LHRLNIQLT\*RIAKPTRKK\*TRITGFR\*MGKFVELV\*HIKLAVVYKTIHNDSRRLDRLKNNFCCA\*YSE\*S\*GGILTIIVPDPPPNPEGTRQARRNRRRRWRARQRQLQAI

>B.2013.MF109656.-

MEPVDPRLEPWKHPGSQPKTPCTACYCKKCCFHCQVCFIKKALGISYGRKKRRQRRRAHQDREAHQAYLSKQ\*VIYVMXLQISAIVALVVVTIIAIIVWSIVFIEYRRILRQRKIDRLLDRIIERAEDSGNESEGDQEELSALVERGHLAPWDVNDL\*CFKQLVGHSLLWGTCVERSNHHFILCIRC\*SICYREA\*CLGHTCLCAHRP\*STRNSTGKCDRKI\*CMEK\*HGRTDA\*GYNQFMGSKPKAMCKINTTLCHLRLH\*\*Y\*YQE\*HRRNKKLLFHYFHKYKR\*DAENICTFL\*S\*CSTNX\*DNKLQHLSHYTGLSKSIL\*TNSHTFLCPGWFCDSKM\*Q\*AVQWKRRM\*KCQHSTMHTWD\*ASSINSTAVKWQSSRRRGSN\*I\*KYHRQYQDYNSTAEQICGN\*LYKTQQQYKKRYTYRTRESNLYNRKNNRRHKKSTL\*S\*CNTME\*YFKTNS\*KIKKRI\*E\*NNSL\*AILRRGPRDCTTQF\*LWRGIFLLQYNTIV\*YHTAMQNKTNCKHVAGSRKSNVCPSHPRTN\*MFLKNYRAAINTRWGXDLQAWRRRHEGQLEK\*TI\*I\*SSEDGTIRSSTY\*GKEKSGAERKKSSG\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDN\*CLV\*CNSRTIC\*GLLRRNSICCNSQSGASSSSRQESWLWKDT\*GINSSWEFGVALENSFAPLLCLGIVVGVINLWRRFGII\*PGCSGKERLAITQT\*YTT\*LRNRKTNKKRMSKNY\*HWINGQVCGIGLT\*QIGCGI\*KYS\*\*\*\*EA\*\*A\*E\*FLLYFL\*\*IELGRDTHHYRFRPTPQPRGDPTGPKESKKKVERETETDPAV\*

>B.2013.MF109664.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRTAPQRSQNHQDSLSKQ\*VIYVMXLHIAAIVALVVAAIIVIVVWTIVFIEYRKILRQKKIDKLLERIRERAEDSGNESDGDHEELSALVERGHDAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHTLLCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRITIGKCNRKL\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKTNPTLCHFKLH\*Y\*CHQ\*\*QRRNKKLLFQCHSKPKRQGTERICNFL\*T\*YSTNX\*IDKL\*HLSHYTVMSKGNL\*ANSHTLLYPSRFCASEM\*\*\*DVQWNRAM\*ECQHSTVYTWN\*TSSINSTAVKWQSSRRGDSN\*I\*KFHKQC\*SHNSTAQ\*ICNN\*LYKTQ\*\*YKKKCTYGTRESMVCNRTDNRRYKESTLYP\*\*NRMDENFRTDSCKITKAI\*\*NNNSL\*QILRRGPRN\*NAQF\*L\*RGILLL\*YNTTV\*YHTPMQNKTIYKHVAGSRKSNVRPSHQRIS\*LCIKYYRDIVNKGWWXDL\*TWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHRGKEKSGAERKKSSNWSFVPWVLGSSRKHYGRSVNSADGTSQTIIVWYSATAKQLAESY\*GATTYVAAHSLGY\*TTPGKSPGCGKIPTGSTASRDLGLLWKAHLHHLCALE\*\*LE\*\*IPQVHLGKHDLDAVGKRN\*QLHRCHI\*LTSRIATPARKK\*TRIIGTR\*VGKFVELV\*HNKMAVVHKNIHNDSRRLDRFKNSFCCIFYSK\*S\*AGIFTIVISDPPPGPEGTRQARRNRRRRWRKRQRQISAI

>B.2013.MF109667.-

MEPIDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRPPQDSEIHQASLSKQ\*VVYVMXLYILSIVALVVAAILAIIVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESDGDRDELGVGAPCSLGC\*\*SVVLKKIYGSQSIMGYLCGKKQLPLYFVHQMLKHIVQKGIMFGPHMPVYPQTPAH\*K\*DW\*M\*QKILICGKITW\*NKCMKI\*SAYGIKA\*NHV\*N\*PHTVLI\*IVLIVLM\*IIIQEK\*KTALSILIDIMKSRRKNMHFFLNLI\*NEXIGWYIVTPQSLNRPVQRYPLSQSPYIIVPQLVLRF\*SVERKGSMERDHVEM\*AQYNVHMALGQRCQPNCC\*MAV\*QKER\*YLSLSISQIILKTL\*YS\*MRLYKLIAQDPTTIQEKV\*I\*DQGEHGIQQEK\*\*GI\*DKHIVTLVKQYGIKP\*PR\*LKN\*ENNLRKQ\*SLPAPQEETQKL\*CTVLIVEGNSSTVIHHNYLISYSHVE\*DKL\*TCGRK\*E\*QCMPLPSVDQLIVHQILQG\*Y\*QEMVXRPSDLEEEI\*GTIGEVNYINIK\*\*KLNH\*D\*HPPRQGEEWCREKKEQWE\*ELWSLGSWEQQEALWAQRH\*R\*RYRPDYCCLV\*CNSKTIC\*GLLRRNSICCNSQSGASSSSGQESWLWKDT\*RINSSWGSGVALENSSAPLLCLGMLVGVIKLWSTFGRT\*LGGNGKEKLTITQT\*YTPYLKNRKCNKKRMNKNYWHWTSGQICGIGLTYQDGCGI\*NYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHPYHFRPTSQYRGDSTGPKESKKKVERETEADPLD\*

>B.2013.MF109675.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKQCCFHCQKCFTTKALGIYYGRKKRRQRRRPPQNSQTDQGSPSKQ\*VVYVMYIY\*Q\*QLL\*\*\*QY\*Q\*LCGL\*\*S\*NIGKY\*NKRK\*TG\*LIE\*EKEQKTVAMRVKGIRRNYHNLDMGHDALWVIDDL\*S\*RTIVGHSLLWGTCVERCKHHSILCIRC\*SISYRGP\*CLGHTCLCTHGPQPTRSSIRKCDRIF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKTNPTLCHSKLH\*YSCYQ\*HQWRSKKLLFQCHHSHKRSGYKRTGTFL\*T\*FSTNXQVDKL\*HLNHYTGLSKGIL\*ANSHTLLCPGWFCDFKM\*Q\*DIQWKRTM\*KCQYSTMHTWN\*TSSINPTTVKWQSRERDSN\*I\*QFLKQCKNHNSTAE\*ICIN\*LYKAQQQYKQRYTSRTRKSILCNRKNNRRYKTSTL\*H\*WDTME\*NLNRSSRKIKRTI\*K\*NNTIYSTLRRGLRNCNAQF\*LWRGIFLL\*HIKTV\*YHNPMQDKTSYKHVAASRKSNVCSSHQRTN\*M\*IKYYRTAINKRWWXDLQTWRRRYEG\*LEK\*II\*I\*GSKN\*TIRNSTHQGKEKSGAERKKSSNRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWHSATAEQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWKTHLHH\*CALE\*QLE\*\*IYA\*HLG\*HDLDAMG\*RS\*QLHKHNIQPT\*KIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRHNRFKNSLVYSFYSK\*S\*EGILTLVVSDPPPSQEGTRQARRNRRRRWRERQRQIRKI

>B.2013.MF109680.-

MEPIDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFLRKGLGISYGRKKRRQRRRPPQDSEIHQASLSKQ\*VVYVMXLYILSIVALVVAAILAIIVWSIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESDGDPTWSWGILLLGMLMICSAKESLWVTVYYGVPVWKEATTTLFCASDAKAYSTERHNVWATHACVPTDPNPLEIKLVNVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVELTPYCINLNCTNSTNVNNNTGEIKNCSFYIDRHNEKQKKEYALFSQFDLERTYRLVHCNTTVIKQACPKVSFEPIPIHYCAPAGFAILKCGEKGFNGTGPCRNVSTVQCTHGIRPAVSTQLLLNGSLAEGEVVLKSVNFSDNTKNIIVQLNESVQINCTRPNNNTRKSINIGPGRAWYTTGEIIGDIRQAHCNISKAIWNKTLNQVAKKLREQFE\*NNSLYQLLRRRPRNCNAQF\*LWRGILLL\*YITTI\*YHTPM\*NKTNYKHVAENRSSNVCPSHQWTN\*LYIKYYRDDINKRWWXDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRTSTHQGKEKSGAERKKSRNNRSYGPWVPGSSRKHYGRSVTDADGTGQTIVVWYSATAKQFAEGY\*GATASVATHSLGRQAAPGKNPGCGRIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*NSGTHLGEHDLEGMGKRN\*QLHRLNILLT\*RIANATRKE\*TRIIGIGQVGKFVELV\*HIKMAVVYKIIHNDSRRLNRFKNNFCCTFYSE\*S\*AGILTLIISDPPPSTEGTRQARRNRRRRWRERQRQIHSI

>B.2013.MF109705.-

MEPVDPRLEPWKHPGSQPKTSCTNCYCKRCCFHCQVCFIKKALGISYGRKKRRQRRRPPQGSQTHQVSLSKQ\*VIDVMXLTIVAIVALVIVAIIAIVVWTLVLIEYRKILKQRKIDRIIERIRERAEDSGNESDGDQEELSQLVERGHLAPWDVDDM\*CWTTIVGHSLLWGTCVERRKHPSVLCIRC\*GI\*KRGT\*CLGHTCLCTHRPQPTRSRIKKCDRKF\*CVEKQHGRTNA\*GYNQSMGSKPKAMCKINPTLCYFRLQ\*CHYYQ\*CHRRNEKLLFQYHHQHKR\*G\*ERLCNF\*\*T\*CSTNX\*VKKL\*HLSHYTGLSEGVI\*ANSHTFLYPGWLCDSKV\*\*\*EVQWIRSM\*KCQHSTMYTWN\*ASSVNSIAVKWQSSRRRGSN\*I\*KFHKQC\*NHNSTAE\*NYKN\*LYKTPQQYKKKYTYRTRESILCINKYNRRYKTSTL\*H\*\*RRME\*HFKKGSHKTKRTI\*E\*NNKLYTTLRRGPRNCNAPFYLWGGILLL\*YNTTVQHNSPMQNKTAYKHVAGSRKSNVCPSH\*RTN\*LFIKYYRTDINKRWWXDL\*TWRRRYEGQLEE\*IV\*I\*SSKN\*TIRSSTHPCEKKSGAERKKSNRNRSYVPWVLGNSRKHYGRSVDNADGTSQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQTTPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*ICAVHLG\*HDMDTVGQRN\*QLHRHNIHLN\*RIAKPTGKE\*TRTIGIGSVGKFVELV\*HIKLAVVHKNIHNDSRRFDRFKNSFCCAFYSK\*S\*AGILTLVVSDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.2010.MF157735.-

MEPVDPRLEPWKHPGSQPGTPCTNCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRTAPPXSETHQAPLSEQ\*VXYVMKPIQIASIVALVXXAIIAIGVWTIVIIEYRKILKQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRKFVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGNTCLCTHKPRPTGSRIEKCNRRF\*HVEK\*YGRTNA\*GCNQSMGSKPKAMCKINPTLCCFKLY\*VGKYY\*CQYNGKRSNEKLLFQYHNKHEG\*ETERICIFL\*I\*CSTNRKW\*\*\*\*L\*VDKL\*YLSSYTSLSKNIL\*SNSNTLLCPSWFCASKV\*KQDVQWKGTM\*QCQYSTMYTWN\*ASSINSTAVKWQSSRRRSGNQI\*QFHRQC\*KHNSASERIYKN\*LYKTQQQYKKKYTYGTRESILCNGRYNRGY\*ESLL\*Y\*QSRME\*DFRTGS\*EIK\*SIYK\*NNSL\*PIHRRXPRNCNAQF\*LWRGIFLL\*YXNTV\*\*YLVW\*\*H\*E\*H\*E\*YRGHHTPM\*NKTDYKQVAGSRKSNVCPSH\*GTNYMCIKYYRDTINKRWW\*\*\*QHDRDLQTYRRRYERQLEK\*II\*I\*SSKN\*TIRGSTHQGKEKSGAKRKKSSGNRSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGNIPKXSTAPGDLGLLWKTHLHHCCALE\*\*LE\*\*ISEPDLE\*YDLDGVGKRN\*QLHRLNILLN\*TITKPXRKE\*TRIIGIG\*MGKFVELVXHNKXAVVYKNIHNDSRRLDRSQNNFCCAFCSK\*S\*AGILTIVIADPPPSSEGTRQARRNRRRRWRERQRQIHKI

>B.2009.MF157736.-

MEPVDPKLEPWKHPGSQPRTACTNCYCKKCCFHCQVCFLNKGLGISYGRKKRRQRRRAPEGDQAHQVSLSKQ\*VTYVMHPEVVLAIVALVVVAIIAIVVWSIVIIEYRKILRQRKIDRILDRIRERAEDSGNESEGDQEELSALVEVGDXVHLVINDM\*SCKRLVGHSLLWSTCVERSNHHFILCIRC\*SI\*S\*GT\*CLGHTCLCTHRPQPTRDSIGKCNRRV\*HVEK\*HGRTDASRCNQFMGSKSKAMCKINPTLCYFKLY\*L\*GKCXSHQG\*SKXY\*SXXNKKMXFXYYHKNNX\*NXGXRCTIL\*T\*YXSXKQ\*\*\*\*\*YY\*\*\*\*\*I\*EL\*VDKL\*HLSHYTGLPKNIL\*SNSYTLLCPCWFCDSKV\*\*\*KVQWDRAM\*KXQHSTMYTWN\*ASNINSTVVKWQSSRRRGSN\*ICQSLKHS\*KHNSTAKRIYSN\*LYKTQQQYKKKGIYRTRESMACNGRNNRRYKTSTL\*H\*CKEME\*HFTPDS\*KIKRAIGK\*YKNNL\*ATPRGGPRSGNAPF\*LXRGIFLL\*YNTTV\*\*YLG\*XX\*LXRDK\*HWRIYHTSMQNKTNYKYVAGSRKSNVCPSHRRTN\*MHIKYYRTDINKR\*GGKQQHHLQTWRGKYEGQLEK\*II\*IQSNTN\*TIRISTHQGKKKSGAEREKSSRNRSCAPWVLGSSRKHYGRSVTDVDGTGQTIIVWYSATAEQSAEGY\*GATAYVATHGLGHQAAPGKSPGCGKIPKGSTAPGNLGMLWKTHLHHYCALEY\*LEQ\*RCG\*YLG\*HDLDAVGKRN\*QLHRHNIQLT\*RIAESTGKE\*TRITGIG\*MGKFVELV\*HNTLAMVYKDIHNDNRRLDRFKNSFYCTFYSE\*G\*AGILTIVVSDPPPSSEGTRQARRNRRRRWREKQRQINYL

>B.2009.MF157741.-

MEPVDPSLEPWKHPGSQPKTACNACYCKKCSWHCQVCFLKKGLGISYGRKKRRQRRRPPQDSQTHQVSLPKQ\*VVNVMQSIQILAIVALVVVTIIAIVVWTIVLLEYRKILRQRKIDRLIKRISERAEDSGNESEGDQEELSALVERGHDAPWDVDDL\*YCTKFVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGYTCLCTHRPQPTRSIIG\*CDRKF\*YVEK\*HGRTDARGYNQLMGSKLKAMCKINPTLCHFKLH\*CD\*EYC\*KQYY\*WRNKKLLF\*YLHRNKR\*DTERTCIFF\*T\*CSTNR\*\*W\*\*C\*QYKL\*ANTL\*HFSHYTGLSKDIL\*ANSHTLLYPGWFCASKV\*\*QEVQWNRTM\*KCQHSTMYTWN\*ASSVNPTAVKWQSSRRRGSN\*ICQFHRQC\*NHNSTAEGTCKN\*LYKTQQQYKKRYTNGTREGILCNRRHNRRYKASTL\*P\*\*NRMGESFKPDS\*KIKGTF\*KQNNKL\*FIFRRGPRNCNVHF\*LWRGIFLL\*YNETI\*\*DLE\*\*\*\*YYK\*YKFK\*LRYHTPMQNKTNYKQMAGSRESNVCPSHPRTN\*MFIKYYRDAINKRWWTWE\*N\*\*Y\*GIQTWRRRYEGQLEK\*II\*I\*SSKN\*TVRSSTHQGKEKSGAERKKSNRNRSCVPWVLGSSRKHYGRSINDADGTGQTIIVWYSAAAKQFAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALE\*\*LE\*\*\*IFRLYLE\*YDLDGMGKRN\*QSHKLHIHLN\*KSAKPTRKE\*TRIIRIGSVGKFVELV\*YIQLAVVYKNIHNNSRRLSRLKNSYGCTFCSKQS\*AGILTIVVADPPPSTEGTRQARRNRRRRWRERQRQIRSI

>B.2003.MF373125.-

MEPVDPRLEPWKHPGSQPSTACTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQSSQNHQDSLPKQ\*VIHVMQPIQIAAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIVECDRKL\*HVEK\*YGRTDA\*GYNKFMGSKSKAMCKINSTLCYSRVH\*CEHQ\*YWDK\*HHWEK\*HH\*GK\*HHWGK\*QH\*VANQRNEKLLFQCNHRRER\*GEESICTLLYT\*YSTNR\*KNE\*YQL\*VDKL\*YLSPYTGLSKDNL\*TNSYTLLCPGWFCDSKV\*\*QHIQWNRAMYKCQHSTMYPWN\*ASSVNSTAVKWQSSRRGGND\*I\*QSLEQC\*NHNSTAK\*NCRD\*VHKTQQQYKKRYTYRTRESILCNRRNNRRHKTSIL\*H\*\*NRLE\*HLRTGS\*KIKRKI\*\*NNNL\*TSIRRGPRNCNAQF\*L\*RGIFLL\*YIKTV\*QYLV\*WYLG\*\*YLGY\*G\*\*YHTPL\*NKTNYKHVAGSRKSNVRPSH\*RTN\*LFIKYYRATINKRWW\*PQRE\*\*YLRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSGDTRSYVPWVLGSSRKHYGRSVDDADGTGQTIIVWYSATAKQFAESY\*GAATHVATHSLGYQTAPGKSPSCRKIPTGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*NYR\*DLE\*HDLDGVGKRNR\*LHRLNIQLT\*KIAKPTRKE\*TRIIGIG\*VGKFMELV\*HNTVAVVYKNIHNDSRRLNRLKNSFCCTFYSK\*S\*AGILTSIISDPPPSPGGTRQARRNRRRRWRKRQRQIQSI

>B.2003.MF373127.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKHCCFHCQVCFMKKGLGISYGRKKRRQRRGASQDSEAHQASLSKQ\*VIYVMQPEVILAIVALVVVTIIAIVVWSIVLIEYRKILKQRKIDRLIERISERAEDSGNESEGDQEELSALMEMGHHAPWDVNDL\*CFRSIVGHSLLWGTCVERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNRIGKCDRKF\*HVEK\*HGRTNA\*GYN\*FMGSKSKAMCKINPTLCYFKLH\*L\*KG\*\*YFTM\*L\*\*\*ETDNNTITSDLYMGERRNKKLLCHCYHRHRR\*EEK\*RCFLS\*SWYNTN\*\*Y\*\*YLYLDVE\*LYHFYHCRSLSIRIP\*SYSQLLLCRGWFSYSEW\*\*\*QRRWTGTK\*YCHPRTMCTWDYASGTTSAAGKWPSSRGRSNNYV\*HFH\*QC\*NHYSTAE\*NCKN\*LYKAQQQYKEKYNYRTRESILCNRRHNRRYKTSTLQH\*SSKME\*HFKTGSCQIKRAIWDE\*NNNL\*SILRRGPRNCNAQF\*LWRGIFLL\*YNKTV\*YYLE\*H\*EIKSH\*RKWHNHTPMQNKTNYKPVAGSRKSNVCPSHQRTN\*LFIQHYRTAINNRWWYEHQ\*\*QDLYTCRRRYERLLEEWSIEI\*CSNS\*AIRNSTNHGYEKSGADTKKSRATTSSVACVLGSSRKDDERSVDDADGTGQTIIVWYSATAK\*FAAGY\*GATAYVETHSLGHQAAPGKNPGCRKIPTGSAVPRVLGMLWKTHLHHCCALEC\*LE\*\*ISR\*DLE\*YDLDGVGKRN\*QLHRLNI\*LTYRIAEPTRKE\*TRIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRLSRFKNSFYCTFYSEKS\*AEIFTNIGTDPPLSSSEGTRQARRNRRRRWRERQRQIRSI

>B.2005.MF373129.-

MEPVDPRLEPWKHPGSQPKTPCTNCYWKKCCFHCQVCFIKKGLGISYGRKKRRQRRGSSKDGQTHQGYLQQQ\*VTYVMQSLKILAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRIINRIRERAEDSGNESEGDQEELSALVEMGNHAPWDVNDL\*CFRSIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSTIGKCDRKF\*YVEK\*HGRTDA\*RYNQFMGSKSKAMCKINPTLCYFKLH\*L\*\*KKYH\*\*\*QYHW\*QHGRRNKKLLFQYHHKQTR\*MAERICTFLLI\*YSTSRWRY\*\*Y\*\*\*YL\*VDKL\*HLSHHTGLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRKMYKC\*LSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*V\*KFHEQY\*NHYSTVE\*ICRN\*LYKTQQQYKEKYTYGTRESILCNRRHNRRYKTSTL\*H\*\*SKME\*HFKTDSCQIKRAIWE\*NNNL\*SIFRRGPRNCNAQF\*LWRGIFLL\*YSRTV\*QYLEE\*H\*KVKYHYRK\*HNHTSMHNKTNCKHVAGSRKSNVCPSHHRTN\*LFIKNYRATVNKRWWWEPEHQRDFQTWRGKYERQLEK\*II\*I\*SNKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRNVDDADGTGQTIIVWYSATAE\*FAEGY\*GASAYVATHSLGHQAAPGKTPGCGTIPKGSTAPGTLGVLWKTHLHHCCALEC\*LE\*\*ISRYDLA\*HDLEGVGKRN\*QLHRLNIQLT\*RIAEPARKE\*TRLIGIG\*VGKFMELVYHNKLAVVYKNIHNDSRRLGRFKNSFYCTFYSK\*S\*AGILTNIVTDRPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2005.MF373130.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSKTHQASLSNQ\*VAYVMQPLEITAIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFMEMGHHAPWDINDL\*CCRTIVGHSLLWGTCVERSDHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNGIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPSLCYFKLH\*FGK\*N\*\*YFKK\*N\*\*\*\*CDY\*WGKDGERRNKKLLFQYHKPRK\*DAERICNFL\*A\*YRTNR\*\*\*Y\*L\*VDKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*RYKVQWNRTM\*KCQHSTMYTWN\*ASGINSTAVEWQSSRRRYSH\*V\*KFHGQC\*NYNSTAEQVCRNSLYKTQQQYKKRYTYGTRESILYNRRNNRRYKASTL\*P\*\*HKLD\*HFKTDSCQIKRTI\*E\*NNKLYSTLRRGPRSCNA\*F\*LWRGIFLL\*YNTTI\*\*FLGYE\*NCK\*FRK\*H\*QEYHTPMQNKTNCKHVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWW\*KQQ\*RDRDRNLQTCGRKYEGQLEK\*II\*I\*SSTN\*TIRSSTHQGKEKSGAKRKKSSGIRSNVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALE\*DLE\*\*ISG\*HLEKHDLDAVGKRN\*\*LHRLNIHLTCRLTAPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDNRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRTL

>B.2007.MF373140.-

MEPVDPRLEPWKHPGSQPKTPCTNCYWKKCCFHCQVCFIKKGLGISYGRKKRRQRRGASQDGQTHQANLQQQ\*VIYVMQSLQILAIVALVVAVIIVIVVWSIVLIEYKKILRQKKIDRIIDRIRERAEDSGNESEGDQEELSALVEMGNHAPWDVNDL\*CFRSIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSTIEKCDRKI\*HVGK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYFRLH\*L\*YH\*\*\*Q\*H\*\*QHERSNKKLLFQYHHKQTR\*MAERICTFLQA\*YSTSRWRY\*\*Y\*\*\*\*DL\*VDKL\*HLSHHTGLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRRM\*KC\*LSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*V\*KFHEQY\*NHYSTVE\*ICRN\*LYKAQQQYKEKYTYGTRESILCNRRHNRRYKTSIL\*H\*WSKME\*HFKTDSCQIKRAIWE\*NNNL\*SIFRRGPRNCNAQF\*LWRGIFLL\*YNRTV\*QYLEME\*H\*RVKYH\*RK\*HNYTPMQNKTNYKHVAGSGKSNVCPSHQRTN\*LFIKNYRATVNKRWW\*EPERQRDFQTWRGKYERQLEK\*II\*I\*SNKN\*TIRSSTHQGKEKSGAERKKNSGNRSCVPWILGSSRKHYGRNVTDVDGTGQTIIVWYSATAE\*FAEGY\*GATASVATHSLGHQAAPGKTPGCGRIPKGSTAPGTLGVLWKTHLHHCCALEC\*LE\*\*ISRYDLA\*HDLEGVGKRN\*QLHRLNI\*LT\*KFAEPARKE\*TRLIGIG\*VGKFMELV\*HNKLAVVYKNIHNNSRRLGRFKNSFYCTFYSE\*S\*AGILTNIVTDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2008.MF373142.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQKCFLQKGLGISYGRKKWRQRRRPPQDSQTNQAALSKQ\*VLHVMQAIQVAAIVALVVVAIIAIVVWTIVFIEYRKIVKQRKIDRLIDRIAERAEDSGNESEGDHEELSALMEMGHHAPWDVDDL\*CCRTIMGHNLLWGTCVARSKHHSILCIRC\*SI\*YRGA\*CLGHTRLCTHRPQPTRDSVRKCDRKF\*YVEK\*HGRTNAGGYNQFMGSDVKAMCKINPTLCYFTLH\*LCGKYY\*YH\*YN\*CH\*YGNG\*RNKKLLFQYHHKHER\*DAEGICTLV\*I\*YRTIR\*KYY\*L\*VEKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*AGSVNSTAVKWQSSKRRGSN\*I\*KFYRQC\*NHNSTAEGSCRN\*LYKTQQ\*YSKKYTYGTRKSILYNRKNNRRYKTSTL\*H\*WKKME\*HFKADSYKIKRTIWK\*DNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YYTTI\*\*YLEWYFGKY\*\*YWEW\*\*\*NYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MLIKDYRAVINKRWGQCTK\*WGQ\*\*HRNLQTWRRRYEGQLEK\*II\*IQNSKS\*TNRNSTHQGKEKSGAERKKSSNAGSCVPWVLGSSRKHYGRSVDDADGTGQTIIVWYSATAEQSAEGY\*GAAAYTATHSLGHQAAPG\*SPGCGKIPKGSTAPRNLGLLWKTHLHHCCALEY\*LEQ\*IAGQNLG\*HDLDGVGKRN\*QLYTNNIHID\*RIANSTRKE\*TRVIGIGKVGQFVELV\*HNKLAMVYKNIHNDSRRLSRFKNNFYCTVNSE\*S\*AGILTIIISDPPPSNEGTRQARRNRRRRWREKQRHIRRL

>B.2009.MF373144.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKKCCFHCQVSVSSTCNVTFTNSSNSSIGSSSNHSNSCVVHSISRI\*ENIKTKKNRQDN\*\*NTRKSRRQWQ\*\*\*WGSRRIISTCGHGA\*CSLGC\*\*SVVLHQACGSQSIMECLCGKKQLPPYFVHQMLRHMRKRHIIFGPHMPVYPQTPIHKK\*YWKM\*QRILTCGKITW\*NRCMRI\*SVYGIKA\*SHV\*N\*PHSVSL\*IALILF\*EILLGIMILQPLMRQ\*RMRQ\*RMEK\*ETARSMSAQT\*EIRCRHNMHFFINLI\*\*KQRMIIPVIG\*\*VVTPQSLHRLVQKYPLSQFPYIIVPRLVLRF\*SVKIRISMEQENVTMSAQYNVHMELGQ\*YQLSCC\*MAA\*QKKR\*\*LDLRISQTMLKP\*\*YSSMNL\*QLIVQDPITIQEKVYI\*DQGEHFMQQET\*\*EI\*DKHIVTLVKQNGIKL\*KR\*LQN\*ENNLRTRQ\*SFLPPQEGIQKLYHTVLIVEESFSTAIQHHCLIAPGILMGLAPGILMGLGMSLKGIIALQTSHSNAE\*NKL\*TCGRK\*EKQCMPLPLQE\*LNAHQISQGCY\*QEMVVRATGLTTILRSSDLEEEI\*GTIGEMNYINIK\*YKLNH\*E\*HPPWQREEWCKERKEIWD\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRTTC\*GLLRRNSICCNSQSGALSSSRQESWLWKDT\*RISSS\*GFGAVLENSFAPPLCLGMLVGVIKL\*SRFGIT\*PGCSGTKKFTITQN\*YTP\*LKNRRSSRKRTNKNY\*S\*INGQICGIGLTYQTGCGI\*KYS\*\*\*\*EAW\*V\*E\*FLLCFL\*\*IELGRDTHHYRSRPSSQPRGDQTGPKESEKKVERETETHPVDQ

>B.2010.MF373149.-

MEPVDPRLEPWQHPGSQPRTPCNNCYCKKCCLHCQVCFTKKGLGIFYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VVHVMQPLTVYSIVALVVVAIIAIVVWSLVIIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQDELAELVERGHLVPGNMDDL\*CCRTIVGHSLLWGTCMERCNHHSILCIRC\*DI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCNRTF\*RVEKWHGRTNA\*RYNQFMGSKPKAMCKINPTLCYSTLH\*FERDYQRGKGNEKLLFQYHHKHKR\*DADSICVIFYT\*SSANKGW\*NKC\*\*\*A\*L\*DNTL\*YLNHYTGLPKGIL\*TNSHTLLCPGWFCDSKV\*\*\*AVQWDGRM\*KCQLSTMYTWN\*ASSINSTAVKWQSSRRRYSN\*I\*KSHEQC\*NHNSTAE\*NCTN\*LYKTQQHSK\*KNTYRTREDISCNKKHNRKYKTGIL\*PQ\*ATMGRYFRKNS\*KIKTKFWN\*HNNNL\*PLLRRGPRNCNAQF\*LWGRIFLL\*YNKTV\*KYLEYLE\*NSKGKLHRK\*KYHSPMQNKTSYKYVAGSRKSNVCPSHRRTD\*MFIKYYRATINKRWW\*T\*Q\*RY\*QN\*DLQTWRRRYEGQLEK\*II\*I\*GSKN\*TIRNSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSIIDADGTGQTINVWYSATAKQLAKSC\*GATAYVATHSLGHQAAPGESPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*NAG\*YLD\*LDMDEVGKRN\*QLYRCNIQVT\*RIAKPTRKE\*TRIIGTG\*MGKFVELV\*HNKLAVVYKNIHNDSGGLNRFKNSFYCIFYSK\*S\*AGVLTCVVADPPPRPEGTRQARRNRRRRWRRRQRQIQSL

>B.2010.MF373151.-

MEPVDHRLEPWKHPGSQPKTSCNKCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQDHLPKQ\*VVYVMQALQIIAIVALVVVAIIAIVVWTIVGIEYRKILLQKKIDRLIDRIRERAEDSGNDSDGDQEELSALVDMGDHAHLVINEL\*S\*RTS\*RTIVGHSLLWGACVERSNHHSILCIRC\*SI\*HRGA\*CLGHTCLCTHRPQPTRDTFGKCDRKF\*HVEK\*HGRTNA\*GYN\*FMG\*KSKTMCKINPTLCYFKL\*AR\*\*H\*YPGNR\*\*KCPQ\*CYSSNSHITGNRSLESGGINLLFQCHHRCKGQSNERICSFL\*T\*CSTNR\*\*\*Y\*L\*VDKL\*YLSHYTGLSKGVF\*ANSNTLLYPGWLCAFKV\*\*QKVQWNRTM\*KCQHSTMYTWN\*TSSINSIAVKWQSSRRRGSN\*VC\*FLGQC\*NHNSTAESICKN\*LYKTQQ\*YKKKYTYRTREGILCNRRYNRKYKRSTL\*H\*\*SKME\*HFKPSS\*KIKRTI\*\*NNSLPATLRRGPRSYDAQL\*LWRGISLL\*FHTTI\*\*YLEWY\*KIKLFH\*D\*\*NYHTPMQNKTNYKHVAESRKSNVCPSHPRTN\*MFIKYYRAAANKRWRSE\*\*\*\*H\*DLQTGRRKHEG\*LEK\*II\*I\*SNKD\*TIRSSTHQGKEKSGAKRKKSNNSRSYVPWVLGSSRKHYGRSVNGADGTGQTIVVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGEIPTGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*ISG\*DLE\*HDLDGVGKRD\*QLHRYNIQLN\*TIAKPTRKE\*TRLIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYSNFYSK\*S\*AGVLTFIVSDPPPSPEGTRQARRNRRRRWRARQRQINTI

>B.2011.MF373161.-

MDPVDPRLEPWKHPGSQPRTACTNCYCKKCCLHCQVCFMKKGLGISYGRKKRRQRRRAPQDSEAHQVPLPEQ\*VIHVMHSSVVLAIVALVAAAIIAIVVWTIVLIEYRKILRQRKIDRLIDRISERAEDSGNESEGDQEELSALTGHLAPWDVNDL\*C\*RPTVGHSLLWGTCVERSNHHSILCIRC\*SIRYRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKV\*HVEK\*HGRTDA\*GYNQFMGSEFKAMCKINPTLCHFTLHELN\*\*YYH\*Y\*PDNESRNKKLLFQYHHKYER\*DREKICIIL\*P\*CSTNR\*\*\*Y\*YQLYQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTFLYPCWFCASKM\*\*\*EVQWNRTM\*KCQHRTMYTWN\*ASSINSTAVKWQSSRRRGGT\*I\*DISRQC\*NHNSTAERNCTN\*LYKTQ\*QYKEKYTYRTRESILCNRRHNRRYKTGIL\*R\*WESLE\*NFRKSSYKIKRTI\*\*\*NNSL\*AILRRGPRNCNAQF\*LWRGILLL\*HNKTI\*\*YLEYECYLG\*ELE\*YQWRK\*HNQTPM\*NKANYKHVAGSRKSNVCPSH\*WTN\*LLIKHYRVVISKRWW\*KHYRRRDLQTWRRKYER\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEESGAERKKSSNVRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWDSATAEQFAESY\*GATTSVATHSLGH\*AAPGKSPGWGKIPKGSTAPRNLGLLWKTHLHHSCALEY\*LE\*\*ISG\*HLE\*YDLDAVGKRN\*\*LHKFNIHLN\*RIAEPTRKE\*TRLIGIR\*VGKFVELVRYIELAVVYKNIHNDSRRLDRFKDNFACTFYSE\*S\*AGIFTIIISDPPPSPEGTRQARRNRRRRWRARQRQIHSI

>B.2011.MF373162.-

MDPVDPRLESWKHPGSQPKTACTNCYCKRCCFHCQVCFITKALGISYGRKKRRPRRRARQHSQADQGSLSKQ\*VVHVMTSLVIFSVVALVVVALIAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSILVGHHAPWDVNDL\*YCSTMVGHSLLWGTCVERCNYHSILCVRC\*SI\*NRGT\*CLGHTCLCTHRP\*PTRNKIGKCDRKF\*YVEK\*HGRPNA\*GYNQFMGSKSKAMCKINPTLCYFELL\*LKK\*Y\*YQ\*Y\*YQSYYWRRG\*YEKLLFQYHHRDR\*\*DTKTICTFLYT\*CSTN\*K\*Y\*KLYIGKL\*YHSHFTGLSKGNLRTNSHTLLCPGWFCDSKMQG\*KVQWFRTM\*QCQHSTMYTWN\*ASSVNSTAIKWQSSRRRRSSN\*I\*KFHKQC\*NHNSTAGHTCRN\*LYKTQQQHKEKYTYSTRECILCNRRHNRRYKTSTL\*H\*\*SRME\*YISQDS\*KITRTI\*YNNSL\*\*ILRRGSRNCNAQF\*LWRRIFLL\*YNTVI\*\*YLGGSSA\*SDLE\*APRAKCY\*YHTPMQNKTNYKQVAGSGKSNVCRSHQRTNSMQIKYYRVVINKRWWY\*HQRPQQN\*DLQTWRRRYERQLEK\*II\*V\*SSTN\*AIRNSTHQGKESSGKERKKSSGSARSYVPWVLGNSRKRYGRSVNDADGTGQTIIVWYSATAEQSAESY\*GATTYVATHSLGHQAAPG\*SPGCRKIPKGSTAPWDLGLLWKTHLPHCCALE\*ELE\*EYI\*\*EYIYRPDLAKHDLDAVGERN\*\*SHRINIQFT\*TIADPAGKE\*TRITRIG\*VDKFVGLV\*HNKMAVVYKNIYNDSRRLSRLKNSFYCTFYSK\*S\*AGIFTIIISDPPPSPAGTRQARRNRRRRWRERQRQIRSI

>B.2012.MF373174.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCLHCQVSVSNICKELFKHINNIIICSISSNSNSCVVYCILRI\*EDIKAKKNKQIN\*\*NKRKSKRPWQ\*E\*WR\*GNVGIICGIGATCSLDC\*\*AVEL\*SNCGSESIMRYLCGWMQPPLHLALLMLKHMIQRYTMFGPLVPAYPRTPTHKT\*QWKM\*QSILTCGQITW\*NRCTKI\*SDYGIIV\*NHV\*N\*PHSVLL\*IALMN\*GMRLQHGEILV\*T\*KEK\*KTALSISPQE\*QIERRRQTMHFLINLM\*YQ\*IMIMVSKIMVPTIG\*EVVILQSLHKPVQR\*PLSQFPYITVPRLVLRF\*NVMIRNSMDQGHVKMSVQSNVHMELDQ\*YQLNCC\*MAVWQKKR\*\*LDLKILQTMLKP\*\*YN\*MNL\*QSIVQDPTTIQEEV\*L\*DQGEHFMQQET\*\*ER\*EKHIVPLIKQHGITL\*TRQLKNYKDNSGATQQ\*SFIDPQEGTRKL\*CILLIGEGNFSIVIQHNCLIGVVIRLKIKQLPVMIPSHSNAG\*SKL\*TCGRKWEKQCMPLPLKDQLIVYQILQGCY\*QEMVEIIIPMKQRPSDLEEET\*ETIGEVNYINTK\*\*KLNH\*E\*HPPRQGEEWCREKKEQWD\*ELCSLGS\*EQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRTTC\*GLLRRNSTC\*NSRSGALNSSRLESWLWKST\*RINSSWGFGVALENSSAPLLCLGMLVGVINL\*MKFGIT\*PGCSGKKKLTITQN\*YTL\*LNNRRTSKKRMN\*NYWS\*INGTVCGIGLA\*QIGCGI\*KYS\*\*\*\*EA\*\*G\*G\*FFLYFL\*\*IELGRDTHHYRFRPSSQHRGDPTGPKEQKKKVEGETETDPDV\*

>B.2013.MF373185.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTKKALGISYGRKKRRQRRRKPSQDSQTHQASPSKQ\*VVNVMQPLVIASIVALVVVAIIAIAVWSIVLIEYRKILRQRKIDRLIDRITERAEDSGNESDGDQEELSALVERGHLAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSKIGKCDRKF\*YVEK\*HGRTDA\*RYNQLMGSESKTMCKINPTLCYLKLH\*YY\*Y\*CHQSDTNNSMGNGMKT\*KMLFQYHHKHER\*AKERIYTFV\*NGYSTIR\*\*\*K\*Q\*\*\*WQL\*QL\*IDKL\*HLSHYTGLSKGLF\*ANSHTLLCPGWFCDSKM\*\*\*GVQWNRTM\*\*CQHSTLYTWN\*ASSINSAAVKWQSSRK\*YSN\*V\*KFHKQC\*NYNSTAERTCKHYLCKTQQQHKKRYTYRTRESMVYNRTNSRKYKSSIL\*C\*\*SSVE\*HFKTDS\*QTQRAI\*E\*DNSLY\*LLRRGPRNCNAQC\*LWRGIFLL\*FNTTV\*\*YLVC\*WN\*E\*\*Y\*YWKDKHHTLM\*NKTNYKHVAGSRKSNVCPSHPRKNSMYIKYYRAAINKRWR\*YQ\*DQERDRDFQTWRRKYEGQLEK\*II\*IQSSTS\*TIRNSTHQGKEKSGAERKKSSGTRSFVSWVLGSSRKHYGRSVSDADGTGQTIIVWYSAAAEQSAESY\*GATTHVATHSLGHQAAPGKSPGSGKIPKRSTAPRDLGLLWKNHLHH\*CALEC\*LE\*\*IL\*\*HLG\*HDLEGLGKRN\*\*LHKHNIQLT\*TLANPTRKE\*TRIITIR\*MGKFVELV\*HNKMAVVHKNIHNDSRRLNRFKNSFCCTFYSE\*S\*AGILTNIVADPPPSSAGTRQARRNRRSTWRERQRHIKQN

>B.2013.MF373186.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDCQNNQVSLPKQ\*VLHVMIPLVTLGIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIRERAEDSGNDSDGDQEELSALVERGHLAPWDINDM\*C\*RKVGYSLLWGTCVERSNHHFILCIKC\*RI\*YRGT\*CLGHTCLCAHRPQPTRVSIGKCNRKF\*HVEK\*HGRTDA\*EYN\*IMGSKSKAMCRINPTLCYYKLHHHGGK\*YHL\*PPY\*\*YNR\*RDNDKLLFQYHHRHKR\*EEGGLCIVL\*N\*CRKDK\*R\*C\*YHL\*VEKL\*YLSH\*TGLSKGIL\*ANSHTFLCPSWFCDSKM\*G\*GFQWNRTM\*KCQHSTMYTWN\*ASSINSIAVKWQSSRKRDSN\*ISKFLG\*C\*NHPSTAKCIYRN\*LYKT\*QQYKKKHTYSTRESILCNRRNNRKYKTSTL\*S\*WSTME\*HFKTYSYKIKRTIS\*\*NNKLYQVLRRGPRNCTAYL\*LWRGIFLLQHNTTV\*\*YLE\*YTTV\*\*HLE\*YKRDK\*HYHTPM\*NKTNHKHVAEGRKSNVCPSHQWTN\*MYIKYYRADINKRWW\*\*\*QQHHPARDLQTSRRKYERQLEK\*II\*I\*GSSN\*TIRTSTHQGKEKSGAERQKSSRTGSSVPWVLGSSRKHYGRSVNGADGTSQTIIVWYSATAEQFAEGY\*GATASVAAHSLGH\*AAPGESPGCRKIPKGSTAPGNLGLLWKTNLHHCCVLE\*\*LE\*\*ISRLYLEQHDLDAVG\*RNSQLHKFHI\*LT\*RFAKTTKQE\*KRIVGIG\*LGKFVELVYHIKLAVVYKNIHNDSRRLDRFKNSFYCTVYSE\*S\*AGVLTLIVSDPPPSQEGTRQARRNRRRRSRARQRQIHSH

>B.2013.MF373191.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPEDSQTHQASLSKQ\*VNSCNELFTDSNNSRISSSSNSSYSCVVYSINRI\*ENIKTKKNR\*VN\*\*NNRKSRRQWQ\*K\*RRSGRIICPCGHGASCSLGC\*\*SVVLQDSCGSQSIMGCLCGKKQPPPYFVHQMPKHIVQRHIMFGPPMPVYPQTPAHKK\*YWKM\*QKILTCGKITW\*TRCMRI\*SVYGIKA\*SHV\*N\*PHSVLL\*IAMMQTSLLDTDNVESYLVPSPTTEEMKN\*SFNICSFIIDKMQKEYTLFYPLDLALDIVNKSNNDSTT\*PLISCITSTPTTLRPPVTFDPFPIYYCAPAGYAILESRTKTFNVSGPCRNVTNVQCTHVIMPLVPTQLLLNVILADKIMIIRSDNFDNNANTIIVQLEDSVNITCMRPGNNTRKSIHIGPGKAFYATREIIGDIRQAHCNISGKDWNNTLKQVVKKLKRTIIGNKTMIY\*IKSSGGDPRN\*NTTDNNCREEFFYCNTNKKLFNNNYGNANDTYEINN\*KS\*NNKLIILQCKIKQIKKQCKQESKEKAMYAPPIAEGRKYKLFNQIN\*QG\*LIKQRDGGKR\*KTNSSLK\*RLFKTWRREYEGQWEKWIIQNIKGSKEFEPI\*GISTLPKGKRRKSGCKKREKSSGIWSSVPWVLGGSRKHYGRSVNNADGTGQTIIGWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSAAPGNLGLLWKTHLHHCCALE\*KLEQ\*ISG\*YLE\*HDLDAVGKRN\*QLHRLDIHFNYGIAEPTGKE\*TRIIGIR\*MVKFMELV\*HNTMALVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIIVSDPPPSTEGTRQARRNRRRRWRERQRQIRTL

>B.2014.MF373201.-

MEPVDPRLEPWKHPGSQPRTACNSCYCKTCCLHCQVCFLKKGLGISYGRKKRRQRRRAHQGSQNNQSSLSKQ\*VLHVMQPLVILAIVALVIVAIIAIIVWSLVLIEYKKLLRQKKIDRLINRIRERAEDSGNESEGDQEELAILVDMGHDAPWDVDDL\*YYRTVLGHSLLWGTCVERSNHHSILCIRC\*RI\*NRGT\*CLGHTCLCTHRPQPTRNKLGKCNRRF\*RVEK\*HGRTDARGYN\*FMGSKPKAMCKINPTLCHFKLH\*LYEE\*YQ\*\*\*\*WQGGRE\*KGNEKLLF\*YHHKHKR\*AEKRICTFL\*T\*CSTNRG\*G\*QYR\*\*YQI\*TYKL\*HLSHYTSLSKGKL\*ANSHTLLHPSWFCDSNV\*R\*EIQWERNMLQCQHSTVYTWN\*ASSVNSTTVKWQSSRRRGSN\*I\*QFHRQC\*NHNSTAERPCSN\*LYKTQQQYKKKYIYRTRESILCNRRHNRRYKESIL\*H\*WNRME\*HFTTSS\*KITRTI\*HNKNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*YITIV\*\*YLEGWKYY\*REHYSKYHTPMQKKTNSKHVAGSRKSNVCPSHQRTN\*LCIRYYWVAINKRWWF\*VQPHRDIQTWRRRYERQLEK\*IIQI\*SSEN\*TIRNSTHQGKEKSGAEREKSSRNRSCVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAESY\*GATTSVATHSLGYQAAPGKSPGCGKIPKGSTAPRNLGLLGKTHLHHCCALEC\*LE\*\*ISRLYLE\*HDLDAMGKRNRQLYRLNIHLNSRIAKPTRKE\*TRIIGIG\*VGKFMDLV\*YNKLAVVYKNIHNDSRRLDRFKNNFCCAFFSE\*S\*AGILTIIVADPYPSTEGTRQARRNRRRRWRQRQRWIHAI

>B.2015.MF373203.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQMCFIRKGLGIYYGRKKRRQRRRAPQDNQTDQTSLPEQ\*VIYVMSPEQILAIVALVVATIVAIVVWTIVFIEYRKIVKQRKINRILDRIRERAEDSGNESDGDHEELSVLVEMGHDAPWIVNDL\*CCKQFVGHSLLWGTCMEGSKCHFILCIRC\*SI\*YRGT\*CLGHSRLCTHRPQPTRNSTGKCNRKL\*YVEKSHGRTDA\*RCNQFMGSKPQTMCKVNPTLCHSKLH\*CNREYY\*H\*EQH\*EQQQYGRSSNEKLLFQCHYRDKG\*DEERICIFL\*T\*CRTNK\*\*K\*QL\*VDKL\*HLSHHTGLSKDNL\*ANSHTLLCPSWVCDSKV\*R\*DIQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRKDSN\*ISKYQ\*QC\*NHNSTAKRTCTN\*LYKTRQQYKQKHTYGTRESIFCNRKHNRRYKTSTL\*H\*\*RKME\*HFTTDSYKIRRTF\*QNNNL\*SILRRGPRNCNAQF\*LWRGIFLRNPTRTIHHTWNHGNSKNN\*GTN\*GINPLPWKNKTNYKPVARSRKSNVCPSHQGKH\*LFIKYYRTTINKGWW\*\*\*N\*D\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKETGGAERKKSSNTRSYVPWVLGGSRKHYGRSVTDADGTSQTIIVWYSAAAKQFAEGY\*GATTPVATHSLGH\*AAPGKSPSCGKIPTGSTAPRNLGLLWKTHLHH\*CALEY\*LEQ\*ISGYDLGKHDLDGVGKRDW\*LHKLNILLN\*RIANPTRKE\*KGFIGIG\*VGQFVELV\*YNKMAVVYKNIYNDNSRHSRFKNSFCCTFYSK\*M\*EGILTTIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2015.MF373204.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCFHCQMCFIRKGLGIYYGRKKRRQRRRAPQDNQTDQASLPEQ\*VIHVMWPVQILAITALVVAVILAIVVWTIVFIEYRRIVKQRKIDRILDRIRERAEDSGNESDGDHEELSVLVEMGHDAPWIVNDL\*CCKQFVGHSLLWGTCMEGSKRHFILCIRC\*SI\*YRGT\*CLGHSRLCTHRPQPTRDSTGKCNRKL\*YVEKSHGRTDA\*RCNQFMGSKPHTMCKINPTLCHSKLH\*CKRG\*\*\*H\*EQHYDGRSSNDKLLFQCHCRDKG\*DAEGICLFL\*T\*WRTNKY\*\*YQL\*VEKL\*PLSH\*PRLSKENL\*ANSHTLLCPSWVCDSKV\*R\*DIQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSSRRGGSN\*ISKY\*\*QC\*NHNSTAKRTCTN\*LYKTRQQYKKKHTFWTRENILCNRRHNRRYKTSTL\*H\*\*RNLE\*HFKTDS\*KIKRAF\*QNNSL\*SIHRRGPRNCNAQF\*L\*RGIFLL\*HNKTIQQYLEDQWYSE\*Y\*RAK\*CNYHTPMQNKTSYKPVARSRKSNVCPSHQGKH\*LFIKHYRTAINKGWW\*\*\*N\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRNSTHHGKETSGAERKKSSNTRSYVPWVLGGSRKHYGRSVTDADGTSQTIIVWYSAAAKQFAEGY\*SATASVATHSLGH\*AAPGKSPGCGKIPTGPTAPRNLGLLWKTHLHHCCALEY\*LEQ\*ISGYDLGKHDLDGVGKRDW\*LHRLNILLN\*RIANPTRKE\*KGFIGIG\*VGQFVELV\*YNKMAVVYKNIYNDNSRLGRFKNSFCCIFYSE\*M\*EGILTIIVSDPPPKPEGTRQARRNRRRRWRARQRQIQSI

>B.2013.MG171201.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPQGSQTHQVSLSKQ\*VVHVMQSLEIIAIVALLVAIILAIIVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEEISALVERGHLAPWDIDDQ\*CYRTNVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRTF\*HVEKQHGRTDA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*CECYRY\*\*H\*\*\*RGSDRERRNEKLLFQYYHKHKR\*GAERICAFL\*T\*CSTNR\*\*\*E\*YQL\*IDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTMYKYQHSTMYTWN\*ASSINSTAVKW\*SSRRRGNN\*I\*KYHEQC\*NHNSTAE\*IYTN\*LYQTQ\*QYKERYTYRTRESILCNRKNNRRYKTSTL\*H\*\*RKME\*HFKTDS\*KIKRTL\*ECNNNSL\*SIYRRGPRNCNAQF\*LWRGIFLL\*FNKTV\*\*YLEC\*\*YSEW\*\*YRVK\*HWKLNNHTPMQNKTSYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWW\*\*R\*HY\*DFQTWRRGYEGQLEK\*II\*I\*NSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTG\*TIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCTLEC\*LE\*\*NSE\*NLG\*HDLDGVGKRN\*QLHKLNILLN\*RIAEPTRKK\*TRIIGIR\*MGQFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2016.MG171202.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQGSQTDQVSLSKQ\*VVHVMQSLKIIAIVALLVAIILAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEEISALVERGHLAPWDINDQ\*CYRTNVGHSLLWGTCVERSNHHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSNIGKCDRTF\*HVEKQHGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLH\*CEYY\*\*HY\*YQ\*\*\*WGSDRERRNGNEKLLFQYYHKHKG\*GAERICAFL\*T\*CSTNR\*\*\*YQL\*IDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTMYKYQHSTMYTWN\*ASSINSTAVKW\*PSRRRGNN\*I\*KYHEQC\*NHNSTAE\*IYRN\*LYQTQ\*QYKERYTYRTRESILCNRKYNRKDKTSTL\*H\*\*RKLD\*HFKKDS\*KIKRTL\*EYNNNSL\*SLLRRGRRNCNAQF\*LWRGIFLLQYNKTV\*\*YLEC\*\*YRVK\*H\*QLNNNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*M\*IKYYRADINKRWW\*GQ\*QYQQ\*QYRDFQTWRRGYEGQLEK\*II\*I\*NSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVNNADGTG\*TIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGNLGLLWKTHLHHCCTLEC\*LE\*\*NSE\*NLG\*HDLDGVGKRN\*\*LHRLNILFN\*RIAEPTRKK\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2013.MG171203.-

MEPVDPRLEPWKHPGSQPRTACTACYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VVHVMQSLEIIAIVALLVAIILAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEEISALVERGHLAPWDINDQ\*CYRANVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGECDRTF\*HVEK\*HGRTDA\*GYNQFMGTKPKAMCKINPTLCYFRLH\*CEYY\*\*HY\*YQ\*\*\*WGSDRERRNEKLLFQYYHKHKR\*GAERICAFL\*T\*CSTNR\*\*\*EE\*QL\*IDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKM\*R\*KVQWNRTMYKYQHSTMYTWN\*ASSINSTAAKW\*SSRRRDNN\*I\*KYHEQC\*KHNSTAEGIYTN\*LYQTQ\*\*YKERYTYRTRESILCNRKNNRRYKTSIL\*H\*\*RKME\*HFKTDS\*KIKRTI\*G\*DNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNKTV\*\*YLEG\*\*YRVK\*H\*KLNNHTPMQNKTSYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWW\*\*R\*QY\*DFQTWRREYEGQLEK\*II\*I\*NSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTG\*TIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGNLGLLWKTHLHHCCTLEC\*LE\*\*NTE\*NLE\*HDLDGVGKRD\*QLHRLNILIN\*RIAEPTRKK\*TRIIGIR\*MGQFVELV\*HNKLAVVYKNIHNGSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2013.MG171204.-

MEPVDPRLEPWKHPGSQPRTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRSPQGSQTHQVSLSKQ\*VVHVMQSLEIIAIVALLVAIILAIIVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEEISALVERGHLAPWDIDDQ\*CYRTNVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRTF\*HVEKQHGRTDA\*GYNQFMGSKPKAMCKINPTLCYFRLH\*CECYRY\*\*H\*\*\*RGSDRERRNEKLLFQYYHKHKR\*GAERICAFL\*T\*CSTNR\*\*\*E\*YQL\*IDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKV\*R\*EVQWNRTMYKYQHSTMYTWN\*ASSINSTAVKW\*SSRRRGNN\*I\*KYHEQC\*NHNSTAE\*IYTN\*LYQTQ\*QYKERYTYRTRESILCNRKNNRRYKTSTL\*H\*\*RKME\*HFKTDS\*KIKRTL\*ECNNNSL\*SIYRRGPRNCNAQF\*LWRGIFLL\*FNKTV\*\*YLEC\*\*YSEW\*\*YRVK\*HWKLNNHTPMQNKTSYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWW\*\*R\*HY\*DFQTWRRGYEGQLEK\*II\*I\*NSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTG\*TIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHHCCTLEC\*LE\*\*NSE\*NLG\*HDLDGVGKRN\*QLHKLNILLN\*RIAEPTRKK\*TRIIGIR\*MGQFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2013.MG171205.-

MEPVDPRLEPWKHPGSQPRTACTACYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VVHVMQSLEIIAIVALLVAIILAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEEISALVERGHLAPWDINDQ\*CYRANVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGECDRTF\*HVEK\*HGRTDA\*GYNQFMGTKPKAMCKINPTLCYFRLH\*CEYY\*\*HY\*YQ\*\*\*WGSDRERRNEKLLFQYYHKHKR\*GAERICAFL\*T\*CSTNR\*\*\*EE\*QL\*IDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKM\*R\*KVQWNRTMYKYQHSTMYTWN\*ASSINSTAAKW\*SSRRRDNN\*I\*KYHEQC\*KHNSTAEGIYTN\*LYQTQ\*\*YKERYTYRTRESILCNRKNNRRYKTSIL\*H\*\*RKME\*HFKTDS\*KIKRTI\*G\*DNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNKTV\*\*YLEG\*\*YRVK\*H\*KLNNHTPMQNKTSYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWW\*\*R\*QY\*DFQTWRREYEGQLEK\*II\*I\*NSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTG\*TIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGNLGLLWKTHLHHCCTLEC\*LE\*\*NTE\*NLE\*HDLDGVGKRD\*QLHRLNILIN\*RIAEPTRKK\*TRIIGIR\*MGQFVELV\*HNKLAVVYKNIHNGSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2013.MG171206.-

MEPVDPRLEPWKHPGSQPRTACTACYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VVHVMQSLEIIAIVALLVAIILAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEEISALVERGHLAPWDINDQ\*CYRANVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGECDRTF\*HVEK\*HGRTDA\*GYNQFMGTKPKAMCKINPTLCYFRLH\*CEYY\*\*HY\*YQ\*\*\*WGSDRERRNEKLLFQYYHKHKR\*GAERICAFL\*T\*CSTNR\*\*\*EE\*QL\*IDKL\*HLSHYTGLSKGIL\*ANSHTLLCPSWFCDSKM\*R\*KVQWNRTMYKYQHSTMYTWN\*ASSINSTAAKW\*SSRRRDNN\*I\*KYHEQC\*KHNSTAEGIYTN\*LYQTQ\*\*YKERYTYRTRESILCNRKNNRRYKTSIL\*H\*\*RKME\*HFKTDS\*KIKRTI\*G\*DNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FNKTV\*\*YLEG\*\*YRVK\*H\*KLNNHTPMQNKTSYKHVAGSRKSNVCPSHQRTN\*MFIKYYRADINKRWW\*\*R\*QY\*DFQTWRREYEGQLEK\*II\*I\*NSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNDADGTG\*TIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGNLGLLWKTHLHHCCTLEC\*LE\*\*NTE\*NLE\*HDLDGVGKRD\*QLHRLNILIN\*RIAEPTRKK\*TRIIGIR\*MGQFVELV\*HNKLAVVYKNIHNGSRRLDRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2012.MG196642.-

MEPIDPRLEPWKHPGSQPRTACTGCYCKRCCYHCMLCFLTKGLGIYYGRKKRRQRRRPPQGGQIHQGSLPVQ\*VVHVMQSLQILGIVALVVAAILAIVVWSIVFIEYRKILKQRKIDRLLDRIRERAEDSGNESEGDEEALAALVERGHLAPWDINDL\*CCRQKLGHSILWGTCMERGIYYSILCIRCQSI\*PRGT\*CLGHTCLCTHRTQPIRNEIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTMCYFKLQ\*YYKLQ\*YKYQQ\*\*CKLQQYQ\*\*YERGNKKLLFQYHLQHKREKADSTCTFL\*LRYNKNRDRGK\*\*\*VYSKKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWLCDFKV\*\*\*EVQWNRTMYKCQHCAMYTWD\*ASSVNSTAVKWQSSRKRHSN\*I\*KFLKQY\*KHNSTTKRIYRNYLCKTQQQYKKKYTYSTRESILCNRGNNRGHKTSIL\*P\*WNKME\*HFKTSSCKIRGTI\*E\*NNNF\*FTILRRGPRGYASQF\*LWRRIFLL\*HITIV\*SYLVL\*\*YRGT\*GRKWHK\*KHHTSMQNKTIYKHVAGSRKSNVCPSY\*RTN\*M\*IKYYRAAINKRWR\*EYHKT\*\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSGAHQR\*EKSGAEREKSSDTRSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQSAESY\*GATAPVATHGLGH\*TAPGESPGYRKIPTGSAAPGDLGLLWKTHLHHYCALERYLE\*\*IFGHNLGQHDLDGVGKRN\*QLYK\*NIQIA\*RIAESAGEK\*TRIIGIG\*MGKFVELVHYYKLAVVYKNIHNDSRRLDRFKNNFYCTFYNK\*S\*AGILTNIIADPPPSQEGTRRARRNRRRRWRERQRKIHDL

>B.2012.MG196643.-

MEPIDPRLEPWKHPGSQPRTACTGCYCKRCCYHCMLCFLTKGLGIYYGRKKRRQRRRPPQGGQIHQGSLPVQ\*VVHVMQSLQILGIVALVVAAILAIVVWSIVFIEYRKILKQRKIDRLLDRIRERAEDSGNESEGDEEALAALVERGHLAPWDINDL\*CCRQKLGHSILWGTCMERGIYYSILCIRCQSI\*PRGT\*CLGHTCLCTHRTQPIRNEIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTMCYFKLQ\*YYKLQ\*YKYQQ\*\*CKLQQYQ\*\*YERGNKKLLFQYHLQHKREKADSTCTFL\*LRYNKNRDRGK\*\*\*VYSKKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWLCDFKV\*\*\*EVQWNRTMYKCQHCAMYTWD\*ASSVNSTAVKWQSSRKRHSN\*I\*KFLKQY\*KHNSTTKRIYRNYLCKTQQQYKKKYTYSTRESILCNRGNNRGHKTSIL\*P\*WNKME\*HFKTSSCKIRGTI\*E\*NNNF\*FTILRRGPRGYASQF\*LWRRIFLL\*HITTV\*SYLVL\*\*YRGT\*GRKWHK\*KHHTSMQNKTIYKHVAGSRKSNVCPSY\*RTN\*M\*IKYYRAAINKRWR\*EYHKT\*\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSGAHQR\*EKSGAEREKSSDTRSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQSAESY\*GATAPVATHGLGH\*TAPGESPGYRKIPTGSAAPGDLGLLWKTHLHHYCALERYLE\*\*IFGHNLGQHDLDGVGKRN\*QLYK\*NIQIA\*RIAESAGEK\*TRIIGIG\*MGKFVELVHYYKLAVVYKNIHNDSRRLDRFKNNFYCTFYNK\*S\*AGILTNIIADPPPSQEGTRRARRNRRRRWRERQRKIHDL

>B.2012.MG196644.-

MEPIDPRLEPWKHPGSQPRTACTGCYCKRCCYHCMLCFLTKGLGIYYGRKKRRQRRRPPQGGQIHQGSLPVQ\*VVHVMQSLQILGIVALVVAAILAIVVWSIVFIEYRKILKQRKIDRLLDRIRERAEDSGNESEGDEEALAALVERGHLAPWDINDL\*CCRQKLGHSILWGTCMERGIYYSILCIRCQSI\*PRGT\*CLGHTCLCTHRTQPIRNEIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTMCYFKLQ\*YYKLQ\*YKYQQ\*\*CKLQQYQ\*\*YERGNKKLLFQYHLQHKREKADSTCTFL\*LRYNENRDRGK\*\*\*VYSKKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWLCDFKV\*\*\*EVQWNRTMYKCQHCAMYTWD\*ASSVNSTAVKWQSSRKRHSN\*I\*KFLKQY\*KHNSTTKRIYRNYLCKTQQQYKKKYTYSTRESILCNRGNNRGHKTSIL\*P\*WNKME\*HFKTSSCKIRGTI\*E\*NNNF\*FTILRRGPRGYASQF\*LWRRIFLL\*HITTV\*SYLVL\*\*YRGT\*GRKWHK\*KHHTSMQNKTIYKHVAGSRKSNVCPSY\*RTN\*M\*IKYYRAAINKRWR\*EYHKT\*\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSGAHQR\*EKSGAEREKSSDTRSSVPWVLGSSRKHYGRSVNDADGXGQTIIVWYSAAAEQSAESY\*GATAPVATHGLGH\*TAPGESPGYRKIPTGSAAPGDLGLLWKTHLHHYCALERYLE\*\*IFGHNLGQHDLDGVGKRN\*QLYK\*NIQIA\*RIAESAGEK\*TRIIGIG\*MGKFVELVHYYKLAVVYKNIHNDSRRLDRFKNNFYCTFYNK\*S\*AGILTNIIADPPPSQEGTRRARRNRRRRWRERQRKIHDL

>B.2012.MG196645.-

MEPIDPRLEPWKHPGSQPRTACTGCYCKRCCYHCMLCFLTKGLGIYYGRKKRRQRRRPPQGGQTHQGSLPVQ\*VVHVMQSLQILGIVALVVAAILAIVVWSIVFIEYRKILKQRKIDRLLDRIRERAEDSGNESEGDEEALAALVERGHLAPWDINDL\*CCRQKLGHSILWGTCMERGIYYSILCIRCQSI\*PRGT\*CLGHTCLCTHRTQPIRNEIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTMCYFKLQ\*YYKLQ\*YKYQQ\*\*CKLQQYQ\*\*YERGNKKLLFQYHLQHKREKADSTCTFL\*LRYNKNRDRGK\*\*\*VYSKKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWLCDFKV\*\*\*EVQWNRTMYKCQHCAMYTWD\*ASSVNSTAVKWQSSRKRHSN\*I\*KFLKQY\*KHNSTTKRIYRNYLCKTQQQYKKKYTYSTRESILCNRGNNRGHKTSIL\*P\*WNKME\*HFKTSSCKIRGTI\*E\*NNNF\*FTILRRGPRGYASQF\*LWRRIFLL\*HITTV\*SYLVL\*\*YRGT\*GRKWHK\*KHHTSMQNKTIYKHVAGSRKGNVCPSY\*RTN\*M\*IKYYRAAINKRWR\*EYXKT\*\*DLQTCRRKYEGQLEK\*II\*I\*SSKN\*TIRSGAHQR\*EKSGAEREKSSDTRSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQSAESY\*GATAPVATHGLGH\*TAPGESPGYRKIPTGSAAPGDLGLLWKTHLHHYCALERYLE\*\*IFGHNLGQHDLDGVGKRN\*QLYK\*NIQIA\*RIAESAGEK\*TRIIGIG\*MGKFVELVHYYKLAVVYKNIHNDSRRLDRFKNNFYCTFYNK\*S\*AGILTNIIADPPPSQEGTRRARRNRRRRWRERQRKIHDL

>B.2012.MG196646.-

MEPIDPRLEPWKHPGSQPRTACTSCYCKRCCYHCMLCFLTKGLGIYYGRKKRRQRRRPPQGGQTHQGSLPVQ\*VVHVMQSLQILGIVALVVAAILAIVVWSIVFIEYRKILKQRKIDRLLDRIRERAEDSGNESEGDEEALAALVERGHLAPWDINDL\*CCRQKLGHSILWGTCMERGIYYSILCIRCQSI\*PRGT\*CLGHTCLCTHRTQPIRNEIRKCDRKF\*HVEK\*HGXTDA\*GYNQFMGSKPKAMCKINPTMCYFKLQ\*YYKLQ\*YKYQQ\*\*CKLQQYQ\*\*YERGNKKLLFQYHLQHKREKADSTCTFL\*LRYNENRDRGK\*\*\*VYSKKL\*YLSHYTGLSKGIL\*ANSHTLLCPGWLCDFKV\*\*\*EVQWNRTMYKCQHCAMYTWD\*ASSVNSTAVKWQSSRKRHSN\*I\*KFLKQY\*KHNSTTKRIYRNYLCKTQQQYKKKYTYSTRESILCNRGNNRGHKTSIL\*P\*WNKME\*HFKTSSCKIRGTI\*E\*NNNF\*FTILRRGPRGYASQF\*LWRRIFLL\*HITTV\*SYLVL\*\*YRGT\*GRKWHK\*KHHTSMQNKTIYKHVAGSRKSNVCPSY\*RTN\*M\*IKYYRAAINKRWR\*EYHKT\*\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSGAHQR\*EKSGAEREKSSDTRSSVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQSAESY\*GATAPVATHGLGH\*TAPGESPGYRKIPTGSAAPGDLGLLWKTHLHHYCALERYLE\*\*IFGHNLGQHDLDGMGKRN\*QLYK\*NIQIA\*RIAESAGEK\*TRIIGIG\*MGKFVELVHYYKLAVVYKNIHNDSRRLDRFKNNFYCTFYNK\*S\*AGILTNIIADPPPSQEGTRRARRNRRRRWRERQRKIHDL

>B.2012.MG196653.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCYHCQVCFTSKGLGISYGRKKRRQRRRANQDSETHQADLSKQ\*VVHVMSSLYTLAVVALVVAAILAIIVWSIVYIEYRKIVKQRKIDRLIERISERAEDSGNESDGDQEELSVLMEMGHHAPWDVNDL\*CCRKLVGHSLLWGTCVEGSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSIIRKCDRRF\*HVEK\*YGGTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*FD\*\*WYWY\*YY\*\*\*\*YNRGTTNERTNEKLLFQYHHRLKR\*VTETICTFV\*T\*CSTDRQWY\*L\*VNKL\*HLSHYTSLSKDIL\*ANSHSLLCPGWFCDFKM\*\*\*EFQWNRTVYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDST\*I\*QSLRQC\*NHNSTSK\*NYTN\*LYKTQQQYKKKYNYRARESIFCNRRHNRRYKTSSL\*H\*\*RGLGTQFTKGSYEIKGTI\*QNNNKI\*\*TCRGGPRNCNAHF\*LWRGVFLL\*YNKPV\*LYFQ\*YCMVK\*Y\*\*H\*KNHTPM\*NKAIYKHVAGSRKGNICPSHQRTN\*LLIKYYRATTNKRWW\*QQ\*HQWQRY\*GLQTCRGRYEGQLEK\*AI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSGSDADGTGQAIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*NSKSDLG\*HDLDAMGKRN\*\*LYRHNIQLT\*KIAEPTRTE\*KRFIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRINRFKNSFYCIFFSK\*S\*AGILTFIVSDPPPSSEGTRQARRNRRRRWRERQRQIQSI

>B.2012.MG196654.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCYHCQVCFTSKGLGISYGRKKRRQRRRANQDSETHQADLSKQ\*VVHVMSSLYTLAVVALVVAAILAIIVWSIVYIEYRKIVKQRKIDRLIERISERAEDSGNESDGDQEELSVLMEMGHHAPWDVNDL\*CCRKLVGHSLLWGTCVEGSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSIIRKCDRRF\*HVEK\*YGGTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*FD\*\*WYWY\*YY\*\*\*\*YNRGTTNERTNEKLLFQYHHRLKR\*VTETICTFV\*T\*CSTDRQWY\*L\*VNKL\*HLSHYTSLSKDIL\*ANSHSLLCPGWFCDFKM\*\*\*EFQWNRTVYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDST\*I\*QSLRQC\*NHNSTSK\*NYTN\*LYKTQQQYKKKYNYRARESIFCNRRHNRRYKTSSL\*H\*\*RGLGTQFTKGSYEIKGTI\*QNNNKI\*\*TCRGGPRNCNAHF\*LWRGVFLL\*YNKPV\*LYFQ\*YCMVK\*Y\*\*H\*KNHTPM\*NKAIYKHVAGSRKGNICPSHQRTN\*LLIKYYRATTNKRWW\*QQ\*HQWQRY\*GLQTCRGRYEGQLEK\*AI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSGSDADGTGQAIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*NSKSDLG\*HDLDAMGKRN\*\*LYRHNIQLT\*KIAEPTRTE\*KRFIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRINRFKNSFYCIFFSK\*S\*AGILTFIVSDPPPSSEGTRQARRNRRRRWRERQRQIQSI

>B.2012.MG196655.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCYHCQVCFTSKGLGISYGRKKRRQRRRANQDSETHQADLSKQ\*VVHVMSSLYTLAVVALVVAAILAIIVWSIVYIEYRKIVKQRKIDRLIERISERAEDSGNESDGDQEELSVLMEMGHHAPWDVNDL\*CCRKLVGHSLLWGTCVEGSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSIIRKCDRRF\*HVEK\*YGGTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*FD\*\*WYWY\*YY\*\*\*\*YNRGTTNERTNEKLLFQYHHRLKR\*VTETICTFV\*T\*CSTDRQWY\*L\*VNKL\*HLSHYTSLSKDIL\*ANSHSLLCPGWFCDFKM\*\*\*EFQWNRTVYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDST\*I\*QSLRQC\*NHNSTSK\*NYTN\*LYKTQQQYKKKYNYRARESIFCNRRHNRRYKTSSL\*H\*\*RGLGTQFTKGSYEIKGTI\*QNNNKI\*\*TCRGGPRNCNAHF\*LWRGVFLL\*YNKPV\*LYFQ\*YCMVK\*Y\*\*H\*KNHTPM\*NKAIYKHVAGSRKGNICPSHQRTN\*LLIKYYRATTNKRWW\*QQ\*HQWQRY\*GLQTCRGRYEGQLEK\*AI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSGSDADGTGQAIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*NSKSDLG\*HDLDAMGKRN\*\*LYRHNIQLT\*KIAEPTRTE\*KRFIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRINRFKNSFYCIFFSK\*S\*AGILTFIVSDPPPSSEGTRQARRNRRRRWRERQRQIQSI

>B.2012.MG196656.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCYHCQVCFTSKGLGISYGRKKRRQRRRANQDSETHQADLSKQ\*VVHVMSSLYTLAVVALVVAAILAIIVWSIVYIEYRKIVKQRKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CCRKLVGHSLLWGTCVEGSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSIIRKCDRRF\*HVEK\*YGGTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*FD\*\*WYWY\*\*Y\*\*\*\*YNRGTTNERTNEKLLFQYHHRFKR\*DTETICTFV\*T\*CSTDRQWY\*L\*VNKL\*HLSHYTSLSKDIL\*ANSHSLLCPGWFCDFKM\*\*\*EFQWNRTVYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDST\*I\*QSLRQC\*NHNSTSK\*NYTN\*LYKTQQQYKKKYTYRARESIFCNRRHNRRYKTSSL\*H\*\*RGLGTQFTKGSYEIKGTI\*QDNNKI\*\*TCRGGPRNCNAHF\*LWRGVFLL\*YNKPV\*LYFQ\*YCMVK\*Y\*\*H\*KNHTPM\*NKAIYKHVAGSRKGNICPSHQRTN\*LLIKYYRATTNKRWW\*QQ\*HQWQRY\*GLQTCRGRYEGQLEK\*AI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSRIRSYVPWVLGSSRKHYGRSGSDADGTGQAIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*NSKSDLG\*HDLDAMGKRN\*\*LYRHNIQLT\*KIAEPTRTE\*KRFIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRIDRFKDSFYCIFFSK\*S\*AGILTFIVSDPPPSSEGTRQARRNRRRRWRERQRQIQSI

>B.2012.MG196657.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCYHCQVCFTSKGLGISYGRKKRRQRRRANQDSETHQADLSKQ\*VVHVMSSLYTLAVVALVVAAILAIIVWSIVYIEYRKIVKQRKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDINDL\*CCRKLVGHSLLWGTCVEGSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTYRP\*PTRSIIRKCDRRF\*HVEK\*YGGTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*FD\*\*WYWY\*\*Y\*\*\*\*YNRGTTNERTNEKLLFQYHHRFKR\*DTETICTFV\*T\*CSTDRQWY\*L\*VNKL\*HLSHYTSLSKDIL\*ANSHSLLCPGWFCDFKM\*\*\*EFQWNRTVYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDST\*I\*QSLRQC\*NHNSTSK\*NYTN\*LYKTQQQYKKKYTYRARESIFCNRRHNRRYKTSSL\*H\*\*RGLGTQFTKGSYEIKGTI\*QNNNKI\*\*TCRGGPRNCNAHF\*LWRGVFLL\*YNKPV\*LYFQ\*YCMVK\*Y\*\*H\*KNHTPM\*NKAIYKHVAGSRKGNICPSHQRTN\*LLIKYYRATTNKRWW\*QQ\*HQWQRY\*GLQTCRGRYEGQLEK\*AI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSGSDADGTGQAIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*NSKSDLG\*HDLDAMGKRN\*\*LYRHNIQLT\*KIAEPTRTE\*KRFIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRIDRFKDSFYCIFFSK\*S\*AGILTFIVSDPPPSSEGTRQARRNRRRRWRERQRQIQSI

>B.2012.MG196658.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCYHCQVCFTSKGLGISYGRKKRRQRRRANQDSETHQADLSKQ\*VVHVMSSLYTLAVVALVVAAILAIIVWSIVYIEYRKIVKQRKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CCRKLVGHSLLWGTCVEGSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSIIRKCDRRF\*HVEK\*YGGTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*FD\*\*WYWY\*\*Y\*\*\*\*YNRGTTNERTNEKLLFQYHHRFKR\*DTETICTFV\*T\*CSTDRQWY\*L\*VNKL\*HLSHYTSLSKDIL\*ANSHSLLCPGWFCDFKM\*\*\*EFQWNRTVYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDST\*V\*QSLRQC\*NHNSTSK\*NYTN\*LYKTQQQYKKKYTYRARESIFCNRRHNRRYKTSSL\*H\*\*RGLGTQFTKGSYEIKGTI\*QNNNKI\*\*TCRGGPRNCNAHF\*LWRGVFLL\*YNKPV\*LYFQ\*YCMVK\*Y\*\*H\*KNHTPM\*NKAIYKHVAGSRKGNICPSHQRTN\*LLIKYYRATTNKRWW\*QQ\*HQWQRY\*GLQTCRGRYEGQLEK\*AI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGVRSYVPWVLGSSRKHYGRSGSDADGTGQAIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*NSKSDLG\*HDLDAMGKRN\*\*LYRHNIQLT\*KIAEPTRTE\*KRFIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRIDRFKDSFYCIFFSK\*S\*AGILTFIVSDPPPSSEGTRQARRNRRRRWRERQRQIQSI

>B.2012.MG196659.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCYHCQVCFTSKGLGISYGRKKRRQRRRANQDSETHQADLSKQ\*VVHVMSSLYTLAVVALVVAAILAIIVWSIVYIEYRKIVKQRKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CCRKLVGHSLLWGTCVEGSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSIIRKCDRRF\*HVEK\*YGGTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*FD\*\*WYWY\*\*Y\*\*\*\*YNRGTTNERTNEKLLFQYHHRFKR\*DTETICTFV\*T\*CSTDRQWY\*L\*VNKL\*HLSHYTSLSKDIL\*ANSHSLLCPGWFCDFKM\*\*\*EFQWNRTVYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDST\*I\*QSLRQC\*NHNSTSK\*NYTN\*LYKTQQQYKKKYTYRARESIFCNRRHNRRYKTSSL\*H\*\*RGLGTQFTKGXYEIKGTI\*QNNNKI\*\*TCRGGPRNCNAHF\*LWRGVFLL\*YNKPV\*LYFQ\*YCMVK\*Y\*\*H\*KNHTPM\*NKAIYKHVAGSRKGNICPSHQRTN\*LLIKYYRATTNKRWW\*QQ\*HQWQRY\*GLQTCRGRYEGQLEK\*AI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSGSDADGTGQAIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*NSKSDLG\*HDLDAMGKRN\*\*LYRHNIQLT\*KIAEPTRTE\*KRFIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRIDRFKDSFYCIFFSK\*S\*AGILTFIVSDPPPSSEGTRQARRNRRRRWRERQRQIQSI

>B.2012.MG196660.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCYHCQVCFTSKGLGISYGRKKRRQRRRANQDSETHQADLSKQ\*VVHVMSSLYTLAVVALVVAAILAIIVWSIVYIEYRKIVKQRKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CCRKLVGHSLLWGTCVEGSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSIIRKCDRRF\*HVEK\*YGGTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*FD\*\*WYWY\*\*Y\*\*\*\*YNRGTTNERTNEKLLFQYHHRFKR\*DTETICTFV\*T\*CSTDRQWY\*L\*VNKL\*HLSHYTSLSKDIL\*ANSHSLLCPGWFCDFKM\*\*\*EFQWNRTVYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDST\*I\*QSLRQC\*NHNSTSK\*NYTN\*LYKTQQQYKKKYTYRARESIFCNRRHNRRYKTSSL\*H\*\*RGLGTQFTKGSYEIKGTI\*QNNNKI\*\*TCRGGPRNCNAHF\*LWRGVFLL\*YNKPV\*LYFQ\*YCMVK\*Y\*\*H\*KNHTPM\*NKAIYKHVAGSRKGNICPSHQRTN\*LLIKYYRATTNKRWW\*QQ\*HQWQRY\*GLQTCRGRYEGQLEK\*AI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSGSDADGTGQAIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*NSKSDLG\*HDLDAMGKRN\*\*LYRHNIQLT\*KIAEPTRTE\*KRFIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRIDRFKDSFYCIFFSK\*S\*AGILTFIVSDPPPSSEGTRQARRNRRRRWRERQRQIQSI

>B.2012.MG196661.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCYHCQVCFTSKGLGISYGRKKRRQRRRANQDSETHQADLSKQ\*VVHVMSSLYTLAVVALVVAAILAIIVWSIVYIEYRKIVKQRKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CCRKLVGHSLLWGTCVEGSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSIIRKCDRRF\*HVEK\*YGGTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*FD\*\*WYWY\*\*Y\*\*\*\*YNRGTTNERTNEKLLFQYHHRFKR\*DTETICTFV\*T\*CSTDRQWY\*L\*VNKL\*HLSHYTSLSKDIL\*ANSHSLLCPGWFCDFKM\*\*\*EFQWNRTVYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDST\*I\*QSLRQC\*NHNSTSK\*NYTN\*LYKTQQQYKKKYTYRARESIFCNRRHNRRYKTSSL\*H\*\*RGLGTQFTKGSYEIKGTI\*QNNNKI\*\*TCRGGPRNCNAHF\*LWRGVFLL\*YNKPV\*LYFQ\*YCMVK\*Y\*\*H\*KNHTPM\*NKAIYKHVAGSRKGNICPSHQRTN\*LLIKYYRATTNKRWW\*QQ\*HQWQRY\*GLQTCRGRYEGQLEK\*AI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSGSDADGTGQAIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*NSKSDLG\*HDLDAMGKRN\*\*LYRHNIQLT\*KIAEPTRTE\*KRFIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRIDRFKDSFYCIFFSK\*S\*AGILTFIVSDPPPSSEGTRQARRNRRRRWRERQRQIQSI

>B.2012.MG196662.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCYHCQVCFTSKGLGISYGRKKRRQRRRANQDSETHQADLSKQ\*VVHVMSSLYTLAVVALVVAAILAIIVWSIVYIEYRKIVKQRKIDRLIERISERAEDSGNESDGDQEELSALMEMGHHAPWDVNDL\*CCRKLVGHSLLWGTCVEGSNHHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSIIRKCDRRF\*HVEK\*YGGTDA\*GYNQFMGSKLKAMCKINPTLCYFKLH\*FD\*\*WYWY\*\*Y\*\*\*\*YNRGTTNERTNEKLLFQYHHRFKR\*DTETICTFV\*T\*CSTDRQWY\*L\*VNKL\*HLSHYTSLSKDIL\*ANSHSLLCPGWFCDFKM\*\*\*EFQWNRTVYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRDST\*I\*QSLRQC\*NHNSTSK\*NYTN\*LYKTQQQYKKKYTYRARESIFCNRRHNRRYKTSSL\*H\*\*RGLGTQFTKGSYEIKGTI\*QNNNKI\*\*TCRGGPRNCNAHF\*LWRGVFLL\*YNKPV\*LYFQ\*YCMVK\*Y\*\*H\*KNHTPM\*NKAIYKHVAGSRKGNICPSHQRTN\*LLIKYYRATTNKRWW\*QQ\*HQWQRY\*GLQTCRGRYEGQLEK\*AI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSGIRSYVPWVLGSSRKHYGRSGSDADGTGQAIIVWYSATAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*NSKSDLG\*HDLDAMGKRN\*\*LYRHNIQLT\*KIAEPTRTE\*KRFIGIG\*MGKFVELV\*HNTMAVVYKNIHNDSRRIDRFKDSFYCIFFSK\*S\*AGILTFIVSDPPPSSEGTRQARRNRRRRWRERQRQIQSI

>B.2011.MG196663.-

MEPVDPRLEPWKHPGSQPQTPCNNCYCKNCCYHCQLCFITKGLGISYGRKKRRQRRRAPQDSETNQASLPKQ\*VAHVMQPLGIFAILALIVATILAIVVWTIVVIECRKQLRQRRIDRLIDRIIDRAEDSGNESDGDQEELSKLMEMGHVALWDVNDL\*CYRTIVGHSILWXTCVERSNHHSILRIRC\*SI\*YRGAQCLGHTCLCTHRPQSTRSVIGKCDREF\*HVEK\*HGRPDA\*GCNQFMGSKPKAMCEINPTLCHFKLH\*R\*\*N\*\*WECHCAAARRGKKLLFQCHHKHKR\*GAKRLCTLL\*T\*CSTNR\*\*\*\*\*\*\*L\*VNKL\*HLSHHTGLSKSNL\*TNSYTLLCPSWLCDYKV\*SGEFQWNRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRK\*DSN\*ICQFLKQC\*NHYSTSK\*ICRN\*LYKTHQQYKQKCTYRTRESMACNRTNNRRYKTSTL\*C\*\*SKMDEHFTKGSYKIKKTIWK\*NNKF\*SFLRRGPRNCNT\*F\*LCRRIFLL\*FIITV\*QYLE\*Y\*FKWKYKLEWKYHTSMQNKTNYKHVAGSRKSNVCPSYQRTN\*V\*IKYYRAATTKRWG\*G\*YY\*QHLRDLQTWRRRYEGQLEK\*II\*IQSSTN\*TIRSSTHQGKEKSGAERKKSNNARSYVPWVPGNSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATTSVATHSLGH\*TAPGKSPGCRKIPERSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*KSKSNLGQHDLDGVGKRN\*QLHRHNIQLT\*SIAKPTRKE\*TRIIAIRQVGKFVELV\*HNKLAVVYKNIHNDCRRTDRVKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRQRRRQIDSI

>B.2011.MG196664.-

MEPVDPRLEPWKHPGSQPQTPCNNCYCKNCCYHCQLCFITKGLGISYGRKKRRQRRRAPQDSETNQASLPKQ\*VAHVMQPLGIFAILALIVATILAIVVWTIVVIECRKQLRQRRIDRLIDRIIDRAEDSGNESDGDQEELSKLMEMGHVALWDVNDL\*CYRTIVGHSILWGTCVERNNHHSILRIRC\*SI\*YRGAQCLGHTCLCTHRPQSTRSVIGKCDREF\*HVEK\*HGRPDA\*GCNQFMGSKPKAMCEINPTLCHFKLH\*R\*\*N\*\*WECHCAAARRGKKLLFQCHHKHKR\*GAKRLCTLL\*T\*CSTNR\*\*\*\*\*\*\*L\*VNKL\*HLSHHTGLSKSNL\*TNSYTLLCPSWLCDYKV\*SGEFQWNRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRK\*DSN\*ICQFLKQC\*NHYSTSK\*ICRN\*LYKTHQQYKQKCTYRTRESMACNRTNNRRYKTSTL\*C\*\*SKMDEHFTKGSYKIKKTIWK\*NNKF\*SFLRRGPRNCNT\*F\*LCRRIFLL\*FIITV\*QYLE\*Y\*FKWKYKLEWKYHTSMQNKTNYKXVAGSRKSNVCPSYQRTN\*V\*IKYYRAATTKRWG\*G\*YY\*QHLRDLQTWRRRYEGQLEK\*II\*IQSSTN\*TVRSSTHQGKEKSGAERKKSNNARSYVPWVLGNSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATTSVATHSLGH\*TAPGKSPGCRKIPERSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*KSKSNLGQHDLDGVGKRN\*QLHRHNIQLT\*SIAKPTRKE\*TRIIAIRQVGKFVELV\*HNKLAVVYKNIHNDCRRTDRVKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRQRRRQIDSI

>B.2011.MG196665.-

MEPVDPRLEPWKHPGSQPQTPCNNCYCKNCCYHCQLCFMTKGLGISYGRKKRRQRRRAPQDSETNQASLPKQ\*VAHVMQPLGIFAILALIVATILAIVVWTIVVIECRKQLRQRRIDRLIDRIIDRAEDSGNESDGDQEELSKLMEMGHVALWDVNDL\*CYRTIVGHSILWGTCVERSNHHSILRIRC\*SI\*YRGAQCLGHTCLCTHRPQSTRSVIGKCDREF\*HVEK\*HGRPDA\*GCNQFMGSKPKAMCEINPTLCHFKLH\*R\*WN\*\*WECHCAAARRGKKLLFQCHHKHKR\*GAKRLCTLL\*T\*CSTNR\*\*\*\*\*\*\*L\*VNKL\*HLSHHTGLSKSNL\*TNSYTLLCPSWLCDYKV\*SGEFQWNRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRK\*DSN\*ICQFLKQC\*NHYSTSK\*ICRN\*LYKTHQQYKQKCTYRTRESMACNRTNNRRYKTSTL\*C\*\*SKMDEHFTKGSYKIKKTIWK\*NNKF\*SFLRRGPRNCNT\*F\*LCRRIFLL\*FIITV\*QYLG\*Y\*FKWKYKLEWKYHTSMQNKTNYKHVAGSRKSNVCPSYQRTN\*V\*IKYYRAATTKRWG\*G\*YY\*QHLRDLQTWRRRYEGQLEK\*II\*IQSSTN\*TIRSSTHQGKEKSGAERKKSNNARSYVPWVLGNSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATTSVATHSLGH\*TAPGKSPGCRKIPERSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*KSKSNLGQHDLDGVGKRN\*QLHRHNIQLT\*SIAKPTRKE\*TRIIAIRQVGKFVELV\*HNKLAVVYKNIHNNCRRTDRVKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRQRRRQIDSI

>B.2011.MG196666.-

MEPVDPRLEPWKHPGSQPQTPCNNCYCKNCCYHCQLCFITKGLGISYGRKKRRQRRRAPQDSETNQASLPKQ\*VAHVMQPLGIFAILALIVATILAIVVWTIVVIECRKQLRQRRIDRLIDRIIDRAEDSGNESDGDQEELSKLMEMGHVALWDVNDL\*CYRTIVGHSILWGTCVERSNHHSILRIRC\*SI\*YRGAQCLGHTCLCTHRPQSTRSVIGKCDREF\*HVEK\*HGRPDA\*GCNQFMGSKPKAMCEINPTLCHFKLH\*R\*WN\*\*WECHCAAARRGKKLLFQCHHKHKR\*GAKRLCTLL\*T\*CSTNR\*\*\*\*\*\*\*L\*VNKL\*HLSHHTGLSKSNL\*TNSYTLLCPSWLCDYKV\*SGEFQWNRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRK\*DSN\*ICQFLKQC\*NHYSTSK\*ICRN\*LYKTHQQYKQKCTYRTRESMACNRTNNRRYKTSTL\*C\*\*SKMDEHFTKGSYKIKKTIWK\*NNKF\*SFLRRGPRNCNT\*F\*LCRRIFLL\*FIITV\*QYLE\*Y\*FKWKYKLEWKYHTSMQNKTNYKHVAESRKSNVCPSYQRTN\*V\*IKYYRAATTKRWG\*G\*YY\*QHLRDLQTWRRRYEGQLEK\*II\*IQSSTN\*TIRSSTHQGKEKSGAERKKSNNARSYVPWVLGNSRKHYGRSVNNTDGTGQAIIVWYSATAEQLAESY\*GATTSVATHSLGH\*TAPGKSPGCRKIPERSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*KSKSNLGQHDLDGVGKRN\*QLHRHNIQLT\*SIAKPTRKE\*TRIIAIRQVGKFVELV\*HNKLAVVYKNIHNDCRRTDRVKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRQRRRQIDSI

>B.2011.MG196667.-

MEPVDPRLEPWKHPGSQPQTPCNNCYCKNCCYHCQLCFITKGLGISYGRKKRRQRRRAPQDSETNQASLPKQ\*VAHVMQPLGIFAILALIVATILAIVVWTIVVIECRKQLRQRRIDRLIDRIIDRAEDSGNESDGDQEELSKLMEMGHVALWDVNDL\*CYRTIVGHSILWGTCVERSNHHSILRIRC\*SI\*YRGAQCLGHTCLCTHRPQSTRSVIGKCDREF\*HVEK\*HGRPDA\*GCNQFMGSKPKAMCEINPTLCHFKLH\*R\*\*N\*\*WECHCAAARRGKKLLFQCHHKHKR\*GAKRLCTLL\*T\*CSTNR\*\*\*\*\*\*\*L\*VNKL\*HLSHHTGLSKSNL\*TNSYTLLCPSWLCDYKV\*SGEFQWNRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRK\*DSN\*ICQFLKQC\*NHYSTSK\*ICRN\*LYKTHQQYKQKCTYRTRESMACNRTNNRRYKTSTL\*C\*\*SKMDEHFTKGSYKIKKTIWK\*NNKF\*SFLRRGPRNCNT\*F\*LCRRIFLL\*FIITV\*QYLE\*Y\*FKWKYKLEWKYHTSMQNKTNYKHVAGSRKSNVCPSYQRTN\*V\*IXYYRAATTKRWG\*G\*YY\*QHRRDLQTWRRRYEGQLEK\*II\*IQSSTN\*TIRSSTHQGKEKSGAERKKSNNARSYVPWVLGNSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATTSVATHSLGH\*TAPGKSPGCRKIPERSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*KSKSNLGQHDLDGVGKRN\*QLHRHNIQLT\*SIAKPTRKE\*TRIIAIRQVGKFVELV\*HNKLAVVYKNIHNDCRRTDRVKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRQRRRQIDSI

>B.2011.MG196668.-

MEPVDPRLEPWKHPGSQPQTPCNNCYCKNCCYHCQLCFITKGLGISYGRKKRRQRRRAPQDSETNQASLPKQ\*VAHVMQPLGIFAILALIVATILAIVVWTIVVIECRKQLRQRRIDRLIDRIIDRAEDSGNESDGDQEELSKLMEMGHVALWDVNDL\*CYRTIVGHSILWGTCVERSNHHSILRIRC\*SI\*YRGAQCLGHTCLCTHRPQSTRSVIGKCDREF\*HVEK\*HGRPDA\*GCNQFMGSKPKAMCEINPTLCHFKLH\*R\*WN\*\*WECHCAAARRGKKLLFQCHHKHKR\*GAKRLCTLL\*T\*CSTNR\*\*\*\*\*\*\*L\*VNKL\*HLSHHTGLSKSNL\*TNSYTLLCPSWLCDYKV\*SGEFQWNRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRK\*DSN\*ICQFLKQC\*NHYSTSK\*ICRN\*LYKTHQQYKQKCTYRTRESMACNRTNNRRYKTSTL\*C\*\*SKMDEHFTKGSYKIKKTIWK\*NNKF\*SFLRRGPRNCNT\*F\*LCRRIFLL\*FIITV\*QYLE\*Y\*FKWKYKLEWKYHTSMQNKTNYKHVAGSRKSNVCPSYQRTN\*V\*IKYYRAATTKRWG\*G\*YY\*QHLRDXQTWRRRYEGQLEK\*II\*IQSSTN\*TIRSSTHQGKEKSGAERKKSNNARSYVPWVLGNSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATTSVATHSLGH\*TAPGKSPGCRKIPERSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*KSKSNLGQHDLDGVGKRN\*QLHRHNIQLT\*SIAKPTRKE\*TRIIAIRQVGKFVELV\*HNKLAVVYKNIHNDCRRTDRVKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRQRRRQIDSI

>B.2011.MG196669.-

MEPVDPRLEPWKHPGSQPQTPCNNCYCKNCCYHCQLCFITKGLGISYGRKKRRQRRRAPQDSETNQASLPKQ\*VAHVMQPLGIFAILALIVATILAIVVWTIVVIECRKQLRQRRIDRLIDRIIDRAEDSGNESDGDQEELSKLMEMGHVALWDVNDL\*CYRTIVGHSILWGTCVERSNHHSILRIRC\*SI\*YRGAQCLGHTCLCTHRPQSTRSVIGKCDREF\*HVEK\*HGRPDA\*GCNQFMGSKPKAMCEINPTLCHFKLH\*R\*WN\*\*WECHCAAARRGKKLLFQCHHKHKR\*GAKRLCTLL\*T\*CSTNR\*\*\*\*\*\*\*L\*VNKL\*HLSHHTGLSKSNL\*TNSYTLLCPSWLCDYKV\*SGEFQWNRTMYKCQHSTMYTWD\*ASNINSTAVKWQSSRK\*DSN\*ICQFLKQC\*NHYSTSK\*ICRN\*LYKTHQQYKQKCTYRTRESMACNRTNNRRYKTSTL\*C\*\*SKMDEHFTKGSYKIKKTIWK\*NNKF\*SFLRRGPRNCNT\*F\*LCRRIFLL\*FIITV\*QYLE\*Y\*FKWKYKLEWKYHTSMQNKTNYKHVAGSRKSNVCPSYQRTN\*V\*IKYYRAATTKRWG\*G\*YY\*QHLRDLQTWRRRYEGQLEK\*II\*IQSSTN\*TIRSSTHQGKEKSGAERKKSNNARSYVPWVLGNSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATTSVATHSLGH\*TAPGKSPGCRKIPERSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*KSKSNLGQHDLDGVGKRN\*QLHRHNIQLT\*SIAKPTRKE\*TRIIAIRQVGKFVELV\*HNKLAVVYKNIHNDCRRTDRVKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRQRRRQIDSI

>B.2011.MG196670.-

MEPVDPRLEPWKHPGSQPQTPCNNCYCKNCCYHCQLCFITKGLGISYGRKKRRQRRRAPQDSETNQASLPKQ\*VAHVMQPLGIFAILALIVATILAIVVWTIVVIECRKQLRQRRIDRLIDRIIDRAEDSGNESDGDQEELSKLMEMGHVALWDVNDL\*CYRTIVGHSILWGTCVERSNHHSILRIRC\*SI\*YRGAQCLGHTCLCTHRPQSTRSVIGKCDREF\*HVEK\*HGRPDA\*GCNQFMGSKPKAMCEINPTLCHFKLH\*R\*WN\*\*WECHCAAARRGKKLLFQCHHKHKR\*GAKRLCTLL\*T\*CSTNR\*\*\*\*\*\*\*L\*VNKL\*HLSHHTGLSKSNL\*TNSYTLLCPSWLCDYKV\*SGEFQWNRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRK\*DSN\*ICQFLKQC\*NHYSTSK\*ICRN\*LYKTHQQYKQKCTYRTRESMACNRTNNRRYKTSTL\*C\*\*SKMDEHFTKGSYKIKKTIWK\*NNKF\*SFLRRGPRNCNT\*F\*LCRRIFLL\*FIITV\*QYLE\*Y\*FKWKYKLEWKYHTSMQNKTNYKHVAGSRKSNVCPSYQRTN\*V\*IKYYRAATTKRWG\*G\*YY\*QHLRDLQTWRRRYEGQLEK\*II\*IQSSTN\*TIRSSTHQGKEKSGAERKKSNNARSYVPWVLGNSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATTSVATHSLGH\*TAPGKSPGCRKIPERSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*KSKSNLGQHDLDGVGKRN\*QLHRHNIQLT\*SIAKPTRKE\*TRIIAIRQVGKFVELV\*HNKLAVVYKNIHNDCRRTDRVKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRQRRRQIDSI

>B.2011.MG196671.-

MEPVDPRLEPWKHPGSQPQTPCNNCYCKNCCYHCQLCFITKGLGISYGRKKRRQRRRAPQDSETNQASLPKQ\*VAHVMQPLGIFAILALIVATILAIVVWTIVVIECRKQLRQRRIDRLIDRIIDRAEDSGNESDGDQEELSKLMEMGHVALWDVNDL\*CYRTIVGHSILWGTCVERSNHHSILRIRC\*SI\*YRGAQCLGHTCLCTHRPQSTRSVIGKCDREF\*HVEK\*HGRPDA\*GCNQFMGSKPKAMCEINPTLCHFKLH\*R\*WN\*\*WECHCAAARRGKKLLFQCHHKHKR\*GAKRLCTLL\*T\*CSTNR\*\*\*\*\*\*\*L\*VNKL\*HLSHHTGLSKSNL\*TNSYTLLCPSWLCDYKV\*SGEFQWNRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRK\*DSN\*ICQFLKQC\*NHYSTSK\*ICRN\*LYKTHQQYKQKCTYRTRESMACNRTNNRRYKTSTL\*C\*\*SKMDEHFTKGSYKIKKTIWK\*NNKF\*SFLRRGPRNCNT\*F\*LCRRIFLL\*FIITV\*QYLE\*Y\*FKWKYKLEWKYHTSMQNKTNYKHVAGSRKSNVCPSYQRTN\*V\*IKYYRAATTKRWG\*G\*YY\*QHLRDLQTWRRRYEGQLEK\*II\*IQSSTN\*TIRSSTHQGKEKSGAERKKSNNARSYVPWVLGNSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATTSVATHSLGH\*TAPGKSPGCRKIPERSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*KSKSNLGQHDLDGVGKRN\*QLHRHNIQLT\*SIAKPTRKE\*TRIIAIRQVGKFVELV\*HNKLAVVYKNIHNDCRRTDRVKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRQRRRQIDSI

>B.2011.MG196672.-

MEPVDPRLEPWKHPGSQPQTPCNNCYCKNCCYHCQLCFITKGLGISYGRKKRRQRRRAPQDSETNQASLPKQ\*VAHVMQPLGIFAILALIVATILAIVVWTIVVIECRKQLRQRRIDRLIDRIIDRAEDSGNESDGDQEELSKLMEMGHVALWDVNDL\*CYRTIVGHSILWGTCVERSNHHSILRIRC\*SI\*YRGAQCLGHTCLCTHRPQSTRSVIGKCDREF\*HVEK\*HGRPDA\*GCNQFMGSKPKAMCEINPTLCHFKLH\*R\*WN\*\*WECHCAAARRGKKLLFQCHHKHKR\*GAKRLCTLL\*T\*CSTNR\*\*\*\*\*\*\*L\*VNKL\*HLSHHTGLSKSNL\*TNSYTLLCPSWLCDYKV\*SGEFQWNRTMYKCQHSTMYTWD\*ASSINSTAVKWQSSRK\*DSN\*ICQFLKQC\*NHYSTSK\*ICRN\*LYKTHQQYKQKCTYRTRESMACNRTNNRRYKTSTL\*C\*\*SKMDEHFTKGSYKIKKTIWK\*NNKF\*SFLRRGPRNCNT\*F\*LCRRIFLL\*FIITV\*QYLE\*Y\*FKWKYKLEWKYHTSMQNKTNYKHVAGSRKSNVCPSYQRTN\*V\*IKYYRAATTKRWG\*G\*YY\*QHLRDLQTWRRRYEGQLEK\*II\*IQSSTN\*TIRSSTHQGKEKSGAERKKSNNARSYVPWVLGNSRKHYGRSVNNADGTGQAIIVWYSATAEQLAESY\*GATTSVATHSLGH\*TAPGKSPGCRKIPERSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*KSKSNLGQHDLDGVGKRN\*QLHRHNIQLT\*SIAKPTRKE\*TRIIAIRQVGKFVELV\*HNKLAVVYKNIHNDCRRTDRVKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRQRRRQIDSI

>B.2011.MG196679.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFTKKALGISYGRKKRGQRRRTPQYHQTNQASLPKQ\*VVNVMQALHIAAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVERGHLAPGNVDDL\*CCRPVVGHCLLWGTCVERNRHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRGRLGKCDRKF\*HVEK\*HGTTNA\*GCNQSMGSKPKAMCKINPTLCYFKLH\*CTE\*YQYH\*\*\*CHC\*PMGKDGGRRNKKLLFQCYHSHKK\*GEERTCTLL\*P\*CNTSE\*R\*\*K\*\*QQ\*Q\*RQLYIEKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*G\*\*VQWNRTM\*KCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*I\*KFHKQC\*EHNSTAKKPCEHYLYKTQQ\*YKNKYKYGTRESILCNRRHNRRYKKSIL\*YFCRKVE\*NFNPGS\*KIKRTI\*LEESNNNL\*SSIRRGPRNYNTQF\*LWRGIFLL\*YNTTV\*\*YLEG\*\*YWVKYQ\*Y\*YWDKYLWH\*WNIHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*M\*IKYNRADTNKRWW\*\*\*\*YK\*DLQTWRGRYEGQLEK\*II\*I\*SSKN\*TIRSSTFQGKEKSGAEREKSNRGIRSSVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSAPAEQLAESY\*GATASVAAHSLGHQTAPGKSPSCRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*HLG\*HDLDAVGKRN\*QLHRFNILLA\*GIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRPGRFKNSFYYTFHSE\*S\*AGILTNVISDPPPNSEGTRQTRRNRRRRWRRRQRQINSI

>B.2011.MG196680.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFTKKALGISYGRKKRGQRRRTPQYHQTNQASLPKQ\*VVNVMQALHIAAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVERGHLAPGNVDDL\*CCRPVVGHCLLWGTCVERNRHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRGRLGKCDRKF\*HVEK\*HGTTNA\*GCNQSMGSKPKAMCKINPTLCYFKLH\*CTE\*YQYH\*\*\*CHC\*PMGKDGGRRNKKLLFQCYHSHKK\*GEERTCTLL\*P\*CNTSE\*R\*\*K\*\*QQ\*Q\*RQLYIEKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*G\*\*VQWNRTM\*KCQHSTMYTWN\*TSSINSTAVKWXSSRRRGSN\*I\*KFHKQC\*EHNSTAKKPCEHYLYKTQQ\*YKNKYKYGTRESILCNRRHNRRYKKSIL\*HFCRKVE\*NFNPGS\*KIKRTI\*LEESNNNL\*SSIRRGPRNYNTQF\*LWRGIFLL\*YNTTV\*\*YLEG\*\*YWVKYQ\*Y\*YWDKYLWH\*WNIHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*M\*IKYNRADTNKRWW\*\*\*\*YK\*DLQTWRGRYEGQLEK\*II\*I\*SSKN\*TIRSSTFQGKEKSGAEREKSNRGIRSSVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQLAESY\*GATASVAAHSLGHQTAPGKSPSCRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*HLG\*HDLDAVGKRN\*QLHRFNILLA\*GIAEPAGKQ\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRPGRFKNSFYYTFHSE\*S\*AGILTNVISDPPPNSEGTRQTRRNRRRRWRRRQRQINSI

>B.2011.MG196681.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFTKKALGISYGRKKRGQRRRTPQYHQTNQASLPKQ\*VVNVMQALHIAAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVERGHLAPGNVDDL\*CCRPVVGHCLLWGTCVERNRHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRGRLGKCDRKF\*HVEK\*HGTTNA\*GCNQSMGSKPKAMCKINPTLCYFKLH\*CTE\*YQYH\*\*\*CHC\*PMGKDGGRRNKKLLFQCYHSHKK\*GEERTCTLL\*P\*CNTSE\*R\*\*K\*\*QQ\*Q\*CQLYIEKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*G\*\*VQWNRTM\*KCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*I\*KFHKQC\*EHNSTAKKPCEHYLYKTQQ\*YKNKYKYGTRESILCNRRHNRRYKKSIL\*HFCRKVE\*NFNPGS\*KIKRTI\*LEESNNNL\*SSIRRGPRNYNTQF\*LWRGIFLL\*YNTTV\*\*YLEG\*\*YWVKYQ\*Y\*YWDKYLWH\*WNIHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*M\*IKYNRADTNKRWW\*\*\*\*YK\*DLQTWRGRYEGQLEK\*II\*I\*SSKN\*TIRSSTFQGKEKSGAEREKSNRGIRSSVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQLAESY\*GATASVAAHSLGHQTAPGKSPSCRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*HLG\*HDLDAVGKRN\*QLHRFNILLA\*GIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRPGRFKNSFYYTFHSE\*S\*AGILTNVISDPPPNSEGTRQTRRNRRRRWRRRQRQINSI

>B.2011.MG196682.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFTKKALGISYGRKKRGQRRRTPQYHQTNQASLPKQ\*VVNVMQALHIAAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVERGHLAPGNVDDL\*CCRPVVGHCLLWGTCVERNRHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRGRLGKCDRKF\*HVEK\*HGTTNA\*GCNQSMGSKPKAMCKINPTLCYFKLH\*CTE\*YQYH\*\*\*CHC\*PMGKDGGRRNKKLLFQCYHSHKK\*GEERTCTLL\*P\*CNTSE\*R\*\*K\*\*QQ\*Q\*RQLYIEKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*G\*\*VQWNRTM\*KCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*I\*KFHKQC\*EHNSTAKKPCEHYLYKTQQ\*YKNKYKYGTRESILCNRRHNRRYKKSIL\*HFCRKVE\*NFNPGS\*KIKRTI\*LEESNNNL\*SSIRRGPRNYNTQF\*LWRGIFLL\*YNTTV\*\*YLEG\*\*YWVKYQ\*Y\*YWDKYLWH\*WNIHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*M\*IKYNRADTNKRWW\*\*\*\*YK\*DLQTWRGRYEGQLEK\*II\*I\*SSKN\*TIRSSTFQGKEKSGAEREKSNRGIRSSVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQLAESY\*GATASVAAHSLGHQTAPGKSPSCRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*HLG\*HDLDAVGKRN\*QLHRFNILLA\*GIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRPGRFKNSFYYTFHSE\*S\*AGILTNVISDPPPNSEGTRQTRRNRRXRWRRRQRQINSI

>B.2011.MG196683.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFTKKALGISYGRKKRGQRRRTPQYHQTNQASLPKQ\*VVNVMQALHIAAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVERGHLAPGNVDDL\*CCRPVVGHCLLWGTCVERNRHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRGRLGKCDRKF\*HVEK\*HGTTNA\*GCNQSMGSKPKAMCKINPTLCYFKLH\*CTE\*YQYH\*\*\*CHC\*PMGKDGGRRNKKLLFQCYHSHKK\*GEERTCTLL\*P\*CNTSE\*R\*\*K\*\*QQ\*Q\*RQLYIEKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*G\*\*VQWNRTM\*KCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*I\*KFHKQC\*EHNSTAKKPCEHYLYKTQQ\*YKNKYKYGTRESILCNRRHNRRYKKSIL\*HFCRKVE\*NFNPGS\*KIKRTI\*LEESNNNL\*SSIRRGLRNYNTQF\*LWRGIFLL\*YNTTV\*\*YLEG\*\*YWVKYQ\*Y\*YWDKYLWH\*WNIHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*M\*IKYNRADTNKRWW\*\*\*\*YK\*DLQTWRGRYEGQLEK\*II\*I\*SSKN\*TIRSSTFQGKEKSGAEREKSNRGIRSSVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQLAESY\*GATASVAAHSLGHQTAPGKSPSCRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*HLG\*HDLDAVGKRN\*QLHRFNILLA\*GIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRPGRFKNSFYYTFHSE\*S\*AGILTNVISDPPPNSEGTRQTRRNRRRRWRRRQRQINSI

>B.2011.MG196684.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFTKKALGISYGRKKRGQRRRTPQYHQTNQASLPKQ\*VVNVMQALHIAAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVERGHLAPGNVDDL\*CCRPVVGHCLLWGTCVERNRHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRGRLGKCDRKF\*HVEK\*HGTTNA\*GCNQSMGSKPKAMCKINPTLCYFKLH\*CTE\*YQYH\*\*\*CHC\*PMGKDGGRRNKKLLFQCYHSHKK\*GEERTCTLL\*P\*CNTSE\*R\*\*K\*\*QQ\*Q\*RQLYIEKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*G\*\*VQWNRTM\*KCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*I\*KFHKQC\*EHNSTAKKPCEHYLYKTQQ\*YKNKYKYGTRESILCNRRHNRRYKKSIL\*HFCRKVE\*NFNPGS\*KIKRTI\*LEESNNNL\*SSIRRGPRNYNTQF\*LWRGIFLL\*YNTTV\*\*YLEG\*\*YWVKYQ\*Y\*YWDKYLWH\*WNIHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*M\*IKYNRADTNKRWW\*\*\*\*YK\*DLQTWRGRYEGQLEK\*II\*I\*SSKN\*TIRSSTFQGKEKSGAEREKSNRGIRSSVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQLAESY\*GATASVAAHSLGHQTAPGKSPSCRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*HLG\*HDLDAVGKRN\*QLHRFNILLA\*GIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRPGRFKNSFYYTFHSE\*S\*AGILTNVISDPPPNSEGTRQTRRNRRRRWRRRQRQINSI

>B.2011.MG196685.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFTKKALGISYGRKKRGQRRRTPQYHQTNQASLPKQ\*VVNVMQALHIAAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVERGHLAPGNVDDL\*CCRPVVGHCLLWGTCVERNRHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRGRLGKCDRKF\*HVEK\*HGTTNA\*GCNQSMGSKPKAMCKINPTLCYFKLH\*CTE\*YQYH\*\*\*CHC\*PMGKDGGRRNKKLLFQCYRSHKK\*GEERTCTLL\*P\*CNTSE\*R\*\*K\*\*QQ\*Q\*RQLYIEKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*G\*\*VQWNRTM\*KCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*I\*KFHKQC\*EHNSTAKKPCEHYLYKTQQ\*YKNKYKYGTRESILCNRRHNRRYKKSIL\*HFCRKVE\*NFNPGS\*KIKRTI\*LEESNNNL\*SSIRRGPRNYNTQF\*LWRGIFLL\*YNTTV\*\*YLEG\*\*YWVKYQ\*Y\*YWDKYLWH\*WNIHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*M\*IKYNRADTNKRWW\*\*\*\*YK\*DLQTWRGRYEGQLEK\*II\*I\*SSKN\*TIRSSTFQGKEKSGAEREKSNRGIRSSVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQLAESY\*GATASVAAHSLGHQTAPGKSPSCRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*HLG\*HDLDAVGKRN\*QLHRFNILLA\*GIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRPGRFKNSFYYTFHSE\*S\*AGILTNVISDPPPNSEGTRQTRRNRRRRWRRRQRQINSI

>B.2011.MG196686.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFTKKALGISYGRKKRGQRRRTPLPSD\*SSFSTKAVSSKCHASFTHSSNSSISSSSNNSNSCVVHSTYRI\*ENIKTKKNRQVN\*\*NKR\*SRRQWQRERWGSGGIVSSCGKGAPCSWEC\*\*SVVLQASCGSLSIMGYLCGKKQTPFYFVHQMLKHIRQRYIMFGPHMPVYPQTPTHKR\*TWKM\*QKILTCGKITWYNKCMRM\*SVYGIKA\*SHV\*N\*PHFVLL\*IALMYGMIPIPLVVMPLLANGKGWREEK\*KTALSMLPQP\*KIR\*RKNMHSFIALM\*YK\*MKIIKIITAITIAPAIY\*EVVTPQSLHRPVQRYPLSQFPYIIVPRLVLRF\*SVRIISSMEQDHVKMSAQYNVHMELDQ\*YQLNCC\*MAV\*QKKR\*\*LDLKISQTMLRA\*\*YS\*KTL\*TLLV\*DPTIIQEQV\*IWDQGEHFMQQET\*\*EI\*EKHIVTFL\*KSGMKL\*SR\*LKN\*ENNLT\*RIKQ\*SLIKHQEGTQKL\*HTVLIVEGNFSTVIQHNCLIVLGRIIILG\*IPMILILG\*IPMALMEHSYSHVE\*NKL\*TCGRK\*EEQCMPLPSED\*LDVNQI\*QG\*Y\*QEMVVIIIVQMRPSDLEGEI\*RTIGEVNYINIK\*\*KLNH\*E\*HLPRQREEWCRERKEQ\*GD\*ELCSLGSWEQQEALWAQRH\*R\*RYRPDYYCLV\*CNSRTTC\*ELLRRNSICCSSQSGASNSSRQES\*L\*KDT\*GINSSWGFGVALENSSAPLLCLGMLVGVINL\*MTFGIT\*PGCSGKEKLTITQV\*YTPCLRNRRTSRKRMNKNYWNWINGQVCGIGLT\*QTGCGI\*KYS\*\*\*\*EAW\*V\*E\*FLLYFP\*\*IELGRDTHQCHFRPTSQLRGDPTDPKESKKKVEKEAETDQFD\*

>B.2011.MG196687.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFTKKALGISYGRKKRGQRRRTPQYHQTNQASLPKQ\*VVNVMQALHIAAIVALVVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESDGDQEELSALVERGHLAPGNVDDL\*CCRPVVGHCLLWGTCVERNRHHSILCIRC\*SI\*DRGT\*CLGHTCLCTHRPQPTRGRLGKCDRKF\*HVEK\*HGTTNA\*GCNQSMGSKPKAMCKINPTLCYFKLH\*CTE\*YQYH\*\*\*CHC\*PMGKDGGRRNKKLLFQCYXSHKK\*GEERTCTLL\*P\*CNTSE\*R\*\*K\*\*QQ\*Q\*RQLYIEKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*G\*\*VQWNRTM\*KCQHSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*I\*KFHKQC\*EHNSTAKKPCEHYLYKTQQ\*YKNKYKYGTRESILCNRRHNRRYKKSIL\*HFCRKVE\*NFNPGS\*KIKRTI\*LEESNNNL\*SSIRRGPRNYNTQF\*LWRGIFLL\*YNTTV\*\*YLEG\*\*YWVKYQ\*Y\*YWDKYLWH\*WNIHTPM\*NKTNYKHVAGSRKSNVCPSHQRTN\*M\*IKYNRADTNKRWW\*\*\*\*YK\*DLQTWRGRYEGQLEK\*II\*I\*SSKN\*TIRSSTFQGKEKSGAEREKSNRGIRSSVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQLAESY\*GATASVAAHSLGHQTAPGKSPSCRKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*HLG\*HDLDAVGKRN\*QLHRFNILLA\*GIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHNDSRRPGRFKNSFYYTFHSE\*S\*AGILTNVISDPPPNSEGTRQTRRNRRRRWRRRQRQINSI

>B.2011.MG196689.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCSYHCQLCFITKGLGISYGRKKRRQRRRSSQNSKTHQTALPKQ\*VVHVMNPLQILAIVGLVVAAILAIIVWSIVFIEYRKIRRQKRIDKLLERIAERAEDSGNESDGDQEELSTLVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIRC\*RI\*YRST\*CLGHTCLCTHRPRPKRNGIGKCDRKL\*HVEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFRLY\*C\*YH\*\*CYYQ\*\*C\*CH\*\*\*E\*YYVGDGGRRDKKLLFQYHHKHKGQDAEGICTVL\*T\*YSTNRE\*\*Y\*L\*TNKL\*YLSHYTGLSKGNL\*SNSHTLLCPGWFCDSKV\*REKVQWNRTM\*KCQHNTMYTWN\*ASGINPTAVEWQSSRRRHSN\*I\*KYLRQC\*NHNNTAERSCKYYLYKTQQQYKKKYKYRTRESILCNRRHNRRYKTSTL\*P\*\*SSMEYHIIKNS\*KII\*TI\*\*DNSLYSILRRGSRNCNAQF\*LWRGILLL\*LNKTVQQYLE\*\*FD\*\*EYYLEC\*\*H\*CQ\*HYHTHMQNKTNCKHVAGSRKSHVCPSHQRTN\*M\*IKYYRAAINKRWW\*YQ\*HK\*DLQTWRRRYEGQLEK\*II\*IQGSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFFPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAKQLAEGY\*GATTSVATHSLGHQTAPGKSPGSGEIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*VS\*\*YLE\*HDLDTVGKRN\*QLYRSNI\*LN\*TIAKPARKE\*TRIIGIG\*MGKSMELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCSFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2011.MG196690.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCSYHCQLCFITKGLGISYGRKKRRQRRRSSQNSKTHQTALPKQ\*VVHVMNPLQILAIVGLVVAAILAIIVWSIVFIEYRKIRRQKRIDKLLERIAERAEDSGNESDGDQEELSTLVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIRC\*RI\*YRST\*CLGHTCLCTHRPRPKRNGIGKCDRKL\*HVEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFRLY\*C\*YH\*\*CYYQ\*\*C\*CH\*\*\*E\*YYVGDGGRRDKKLLFQYHHKHKGQDAEGICTVL\*T\*YSTNRE\*\*Y\*L\*TNKL\*YLSHYTGLSKGNL\*SNSHTLLCPGWFCDSKV\*REKVQWNRTM\*KCQHNTMYTWN\*ASGINPTAVEWQSSRRRHSN\*I\*KYLRQC\*NHNNTAERSCKYYLYKTQQQYKKKYKYRTRESILCNRRHNRRYKTSTL\*P\*\*SSMEYHIIKNS\*KII\*TI\*\*DNSLYSILRRGSRNCNAQF\*LWRGILLL\*LNKTVQQYLE\*\*FD\*\*EYYLEC\*\*H\*CQ\*HYHTHMQNKTNCKHVAGSRKSHVCPSHQRTN\*M\*IKYYRAAINKRWW\*YQ\*HK\*DLQTWRRRYEGQLEK\*II\*IQGSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFFPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAKQLAEGY\*GATTSVATHSLGHQTAPGKSPGSGEIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*VS\*\*YLE\*HDLDTVGKRN\*QLYRSNI\*LN\*TIAKPARKE\*TRIIGIG\*MGKSMELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCSFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2011.MG196691.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCSYHCQLCFITKGLGISYGRKKRRQRRRSSQNSKTHQTALPKQ\*VVHVMNPLQILAIVGLVVAAILAIIVWSIVFIEYRKIRRQKRIDKLLERIAERAEDSGNESDGDQEELSTLVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIRC\*RI\*YRST\*CLGHTCLCTHRPRPKRNGIGKCDRKL\*HVEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFRLY\*C\*YH\*\*CYYQ\*\*C\*CH\*\*\*E\*YYVGDGGRRDKKLLFQYHHKHKGQDAEGICTVL\*T\*YSTNRE\*\*Y\*L\*TNKL\*YLSHYTGLSKGNL\*SNSHTLLCPGWFCDSKV\*REKVQWNRTM\*KCQHNTMYTWN\*ASGINPTAVEWQSSRRRHSN\*I\*KYLRQC\*NHNNTAERSCKYYLYKTQQQYKKKYKYRTRESILCNRRHNRRYKTSTL\*P\*\*SSMEYHIIKNS\*KII\*TI\*\*DNSLYSILRRGSRNCNAQF\*LWRGILLL\*LNKTVQQYLE\*\*FD\*\*EYYLEC\*\*H\*CQ\*HYHTHMQNKTNCKHVAGSRKSHVCPSHQRTN\*M\*IKYYRAAINKRWW\*YQ\*HK\*DLQTWRRRYEGQLEK\*II\*IQGSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFFPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAKQLAEGY\*GATTSVATHSLGHQTAPGKSPGSGEIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*VS\*\*YLE\*HDLDTVGKRN\*QLYRSNI\*LN\*TIAKPARKE\*TRIIGIG\*MGKSMELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCSFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2011.MG196692.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCSYHCQLCFITKGLGISYGRKKRRQRRRSSQNSKTHQTALPKQ\*VVHVMNPLQILAIVGLVVAAILAIIVWSIVFIEYRKIRRQKRIDKLLERIAERAEDSGNESDGDQEELSTLVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIRC\*RI\*YRST\*CLGHTCLCTHRPRPKRNGIGKCDRKL\*HVEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFRLY\*C\*YH\*\*CYYQ\*\*C\*CH\*\*\*E\*YYVGDGGRRDKKLLFQYHHKHKGQDAEGICTVL\*T\*YSTNRE\*\*Y\*L\*TNKL\*YLSHYTGLSKGNL\*SNSHTLLCPGWFCDSKV\*REKVQWNRTM\*KCQHNTMYTWN\*ASGINPTAVEWQSSRRRHSN\*I\*KYLRQC\*NHNNTAERSCKYYLYKTQQQYKKKYKYRTRESILCNRRHNRRYKTSTL\*P\*\*SSMEYHIIKNS\*KII\*TI\*\*DNSLYSILRRGSRNCNAQF\*LWRGILLL\*LNKTVQQYLE\*\*FD\*\*EYYLEC\*\*H\*CQ\*HYHTHMQNKTNCKHVAGSRKSHVCPSHQRTN\*M\*IKYYRAAINKRWW\*YQ\*HK\*DLQTWRRRYEGQLEK\*II\*IQGSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFFPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAKQLAEGY\*GATTSVATHSLGHQTAPGKSPGSGEIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*VS\*\*YLE\*HDLDTVGKRN\*QLYRSNI\*LN\*TIAKPARKE\*TRIIGIG\*MGKSMELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCSFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2011.MG196693.-

MEPVDPRLEPWKHPGSQPRTPCNNCYCKKCSYHCQLCFITKGLGISYGRKKRRQRRRSSQNSQTHQAALPKQ\*VVHVMNSLQILAIVGLVVAAILAIIVWSIVFIEYRKIRRQKRIDKLLERIAERAEDSGNESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIRC\*RI\*YRST\*CLGHTCLCTHRPRPKRNGIGKCDRKL\*HVEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFRLY\*C\*YH\*\*CYYQ\*\*C\*CH\*\*\*E\*YYVGDGGRRDKKLLFQYHHKHKGQDAEGICTVL\*T\*YSTNRE\*\*Y\*L\*TDKL\*YLSHYTGLSKSNL\*SNSHTLLCPGWFCDSKV\*REKVQWNRTM\*KRQHNTMYTWN\*ASGINPTAVEWQSSRRRHSN\*I\*KYLRQC\*NHNNTAERSCKYYLCKTQQQYKKKYKYRTRESILCNRHNRRYKTSTL\*P\*\*RSMEYHFRKNS\*KIK\*TI\*KEHNSL\*SILRRGSRNCNAQF\*LWRGILLL\*LNTTVQQYLD\*FD\*\*WDY\*H\*\*HYHTPMQNKTNYKHVAGSRKSHVCPSHQRTN\*M\*IKYYRAAIDKGWW\*YQ\*HK\*DLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFFPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAEQSAEGY\*GATTSVATHSLGHQTAPGKSPGSGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*VFK\*YLG\*HDLDTVGKRN\*QLYRFNI\*LN\*TIAKPTRKE\*TRIIGIG\*MGKSMELV\*HNKLAVVYKNIHNGSRRLDRFKNSFYCSFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2011.MG196694.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCSYHCQLCFITKGLGISYGRKKRRQRRRSSQNSQTHQAALPKQ\*VVYVMNSLQILAIVGLVVAAILAIIVWSIVFIEYRKIRRQKRIDKLLERIAERAEDSGXESDGDQEELSTLVERGHLAPWDIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIRC\*RI\*YRST\*CLGHTCLCTHRPRPKRNGIGKCDRKL\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKL\*RC\*YH\*\*C\*YH\*\*C\*YY\*WYE\*YYVGDGGRRDKKLLFQYHHKHKGQDAEGICTVL\*T\*YSTNRE\*\*Y\*L\*TDKL\*YLSHYTGLSKGNL\*SNSHTLLCPGWFCDSKV\*REKVQWNRTM\*KCQHNTMYTWN\*ASGINPTAVEWQSSRRRHSN\*I\*KYLRQC\*NHNNTAERSCKYYLCKTQQQYKKKYKYRTRESILCNRHNRRYKTSTL\*P\*\*RSMEYHFRKNS\*KIK\*TI\*KEHNSL\*SILXRGSRNCNAQF\*LWRGILLL\*LNTTVQQYLD\*FD\*\*WDY\*H\*\*HYHTPMQNKTNYKHVAGSRKSHVCPSHQRTN\*M\*IKYYRAAIDKGWW\*YQ\*HK\*DLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFFPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAEQSAEGY\*GATTSVATHSLGHQTAPGKSPGSGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*VFK\*YLG\*HDLDTVGKRN\*QLYRFNI\*LN\*TIAKPTRKE\*TRIIGIG\*MGKSMELV\*HNKLAVVYKNIHNGSRRLDRFKNSFYCSFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2011.MG196695.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCSYHCQLCFITKGLGISYGRKKRRQRRRSPQNSQTHQAALPKQ\*VVHVMNSLQILAIVGLVVAAILAIIVWSIVFIEYRKIRRQKKIDKLLERIAERAEDSGNESDGDQEELSALVERGHLAPWDIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIRC\*RI\*YRST\*CLGHTCLCTHRPRPKRNGIGKCDRKL\*HVEK\*HGRPDA\*RYN\*FMGSKPKAMCKINPTLCYFKL\*RC\*YH\*\*C\*YH\*\*C\*YY\*W\*E\*YYVGDGGRRDKKLLFQYHHKHKGQDAEGICTVL\*T\*YSTNRE\*\*Y\*L\*TDKL\*YLSHYTGLSKGNL\*SNSHTLLCPGWFCDSKV\*REKVQWNRTM\*KCQHNTMYTWN\*ASGINPTAVEWQSSRRRHSN\*I\*KYLRQC\*NHNNTAERSCKYYLCKTQQQYKKKYKYRTRESILCNRHNRRYKTSTL\*P\*\*SNME\*HFSKNSSKIK\*TI\*\*EHNSL\*SILRRGSRNCNAQF\*LWRGILLL\*LNTTVQQYLD\*\*FA\*Y\*\*H\*CQ\*HYHTHMQNKTNYKHVAGSRKSHVCPSHQRTN\*MCIKYYRAAINKRWW\*CQWHK\*DLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFFPWVLGSSRKHYGRSINNADGTGQAIIVWYSAAAEQLAESY\*GATTSVATHSLGHQTAPGKSPGSGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*VL\*\*YLE\*HDLDTVGKRN\*QLYRSNI\*LN\*TIAKPARKE\*TRIIGIG\*MGKSMELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCSFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2011.MG196696.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCSYHCQLCFITKGLGISYGRKKRRQRRRSSQNSQTHQAALPKQ\*VVHVMNSLQILAIVGLVVAAILAIIVWSIVFIEYRKIRRQKKIDKLLERIAERAEDSGNESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIRC\*RI\*YRST\*CLGHTCLCTHRPRPKRNGIGKCDRKL\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKL\*RC\*YH\*\*C\*YH\*\*C\*YY\*WYE\*YYVGDGGRRDKKLLFQYHHKHKGQDAEGICTVL\*T\*YSTNRE\*\*Y\*L\*TDKL\*YLSHYTGLSKGNL\*SNSHTLLCPGWFCDSKV\*REKVQWNRTM\*KCQHNTMYTWN\*ASGINPTAVEWQSSRRRHSN\*I\*KYLRQC\*NHNNTAERSCKYYLCKTQQQYKKKYKYRTRESILCNRRHNRRYKTSTL\*P\*\*SSMEYHFSKNS\*KIK\*TI\*\*DNSL\*SILRRGSRNCNAQF\*LWRGILLL\*LNTTVQQYLD\*\*FA\*C\*YH\*CQ\*HYHTHMQNKTNYKHVAGSRKSHVCPSHQRTN\*MCIKYYRAAINKRWW\*YQ\*HK\*DLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFFPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAKQFAEGY\*GATTSVATHSLGHQTAPGKSPGSGKIPKGSTAPRNLGLLWKTHLHH\*CALEY\*LE\*\*VFK\*YLG\*HDLDTVGKRN\*QLYRSNI\*LN\*TIAKPARKE\*TRIIGIG\*MGKFMELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCSFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2011.MG196697.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCSYHCQLCFITKGLGISYGRKKRRQRRRSSQNSQTHQAALPKQ\*VVHVMNSLQILAIVGLVVAAILAIIVWSIVFIEYRKIRRQKKIDKLLERIAERAEDSGNESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIRC\*RI\*YRST\*CLGHTCLCTHRPRPKRNGIGKCDRKL\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKL\*RC\*YH\*\*C\*YH\*\*C\*YY\*WYE\*YYVGDGGRRDKKLLFQYHHKHKGQDAEGICTVL\*T\*YSTNRE\*\*Y\*L\*TDKL\*YLSHYTGLSKGNL\*SNSHTLLCPGWFCDSKV\*REKVQWNRTM\*KCQHNTMYTWN\*ASGINPTAVEWQSSRRRHSN\*I\*KYLRQC\*NHNNTAERSCKYYLCKTQQQYKKKYKYRTRESILCNRRHNRRYKTSTL\*P\*\*SSMEYHFSKNS\*KIK\*TI\*\*DNSL\*SILRRGSRNCNAQF\*LWRGILLL\*LNTTVQQYLD\*\*FA\*C\*YH\*CQ\*HYHTHMQNKTNYKHVAGSRKSHVCPSHQRTN\*MCIKYYRAAINKRWW\*YQ\*HK\*DLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFFPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAKQFAEGY\*GATTSVATHSLGHQTAPGKSPGSGKIPKGSTAPRNLGLLWKTHLHH\*CALEY\*LE\*\*VFK\*YLG\*HDLDTVGKRN\*QLYRSNI\*LN\*TIAKPARKE\*TRIIGIG\*MGKFMELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCSFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2011.MG196698.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCSYHCQLCFITKGLGISYGRKKRRQRRRSSQNSQTHQAALPKQ\*VVHVMNSLQILAIVGLVVAAILAIIVWSIVFIEYRKIRRQKKIDKLLERIAERAEDSGNESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIRC\*RI\*YRST\*CLGHTCLCTHRPRPKRNGIGKCDRKL\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKL\*RC\*YH\*\*C\*YH\*\*C\*YY\*WYE\*YYVGDGGRRDKKLLFQYHHKHKGQDAEGICTVL\*T\*YSTNRE\*\*Y\*L\*TDKL\*YLSHYTGLSKGNL\*SNSHTLLCPGWFCDSKV\*REKVQWNRTM\*KCQHNTMYTWN\*ASGINPTAVEWQSSRRRHSN\*I\*KYLRQC\*NHNNTAERSCKYYLCKTQQQYKKKYKYRTRESILCNRRHNRRYKTSTL\*P\*\*SSMEYHFSKNS\*KIK\*TI\*\*DNSL\*SILRRGSRNCNAQF\*LWRGILLL\*LNTTVQQYLD\*\*FA\*C\*YH\*CQ\*HYHTHMQNKTNYKHVAGSRKSHVCPSHQRTN\*MCIKYYRAAINKRWW\*YQ\*HK\*DLQTWRRRYEGQLEK\*II\*I\*GSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFFPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAKQFAEGY\*GATTSVATHSLGHQTAPGKSPGSGKIPKGSTAPRNLGLLWKTHLHH\*CALEY\*LE\*\*VFK\*YLG\*HDLDTVGKRN\*QLYRSNI\*LN\*TIAKPARKE\*TRIIGIG\*MGKFMELV\*HNKLAVVYKNIHNDSRRLDRFKNSLYCSFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2012.MG196699.-

MEPIDPSLEPWKHPGSQPKTACTTCYCKRCCYHCPLCFITKGLGISHGRKKRRQRRRAPQGGQTHQVSLSEQ\*VIHVMIPLTILTIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDHEELSALVDMGHQAHDAPWDIDDL\*CYRKFVGHSLLWGACVERSNYHPILCIRCESI\*YRGT\*CLGHTCLCTXRPQPTRISLGKCDREF\*HVEK\*HGRTDAGGYNQFMGSKSKAMCKTNPTLCYFKLH\*\*FKRECYT\*\*HNEGRNKKLLF\*CHHRSK\*\*EAERICSFL\*T\*CNTNIC\*\*KK\*\*\*LY\*L\*VDKL\*YFSHYTSLSKSIL\*TNSHTFLYPGWFCASKV\*R\*EVQWVRTMFKCQHSTMYTWN\*ASSINSTTVKWESSRRRCSNQICQFLRQC\*NYNSTAE\*NSKN\*LYKTQQQYKKKCTYRIWHMVCNRRHNRGHKTSTL\*H\*\*SRME\*DFRKDS\*KIRRKI\*E\*NNNLSNALRRGPRNYNAQF\*LWRGILLL\*YNTTV\*\*YLALE\*Y\*RGK\*K\*KYHAPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LCIKYYRAVINKRWWY\*LYKE\*NL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQSKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTSQAIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEYYLE\*\*ISE\*YLE\*HDLDAVGQRN\*QLH\*RNTHFNYRIICPTRKE\*KRFIGIGQMGKFVDLV\*HIKLAVVHKDIHNNSRRLGRFKDSFCCAFYSE\*S\*AGIFTIVVSDPRPSLEGTTRQARRNRRRRWRERQRHIHTL

>B.2012.MG196700.-

MEPIDPSLEPWKHPGSQPKTACTTCYCKRCCYHCPLCFITKGLGISHGRKKRRQRRRAPQGGQTHQVSLSEQ\*VIHVMIPLTILTIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRIIDRIRERAEDSGNESGGDQEELSALVDMGHQAHDAPWDIDDL\*CYRKFVGHSLLWGACVERSNYHPILCIRCESI\*YRGT\*CLGHTCLCTHRPQPTRIILGKCDREF\*HVEK\*HGRTDAGGYNQFMGSKSKAMCKTNPTLCYFKLH\*\*FKRECYT\*\*HNEGRNKKLLF\*CHHRSK\*\*EAERICSFL\*T\*CNTNIC\*\*KE\*\*\*LY\*L\*VDKL\*YFSHYTSLSKSIL\*TNSHTFLYPGWFCASKV\*R\*EVQWVRTMFKCQHSTMYTWN\*ASSINSTAVKWESSRRRCSNQICQFLRQC\*NYNSTAE\*NSKN\*LYKTQQQYKKKCTYRIWHMVCNRRHNRGHKTSTL\*H\*\*SRME\*DFRKDS\*KIRRKI\*E\*NNNLSNALRRGPRNYNAQF\*LWRGILLL\*YNTTV\*\*YLALE\*Y\*RGK\*K\*KYHAPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LCIKYYRAVINKRWWY\*LYKE\*DL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQSKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTSQAIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEYYLE\*\*ISE\*NLE\*HDLDAVGQRN\*QLH\*RNTHFNYRIICPTRKE\*KRFIGIGQMGKLVELV\*HIKLAVVHKDIHNNSRRLGRFKDSFCCAFYSE\*S\*AGIFTIVVSDPLPSPEGTTRQARRNRRRRWRERQRHIHSL

>B.2012.MG196701.-

MEPIDPSLEPWKHPGSQPKTACTTCYCKRCCYHCPLCFITKGLGISHGRKKRRQRRRAPQGGQTHQVSLSEQ\*VIHVMIPLTILTIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRIIDRIRERAEDSGNDSEGDQEELSALVDMGHQAHDAPWDIDDL\*CYRKFVGHSLLWGACVERSNYHPILCIRCESI\*YRGT\*CLGHTCLCTHRPQPTRIILGKCDREF\*HVEK\*HGRTDAGGYNQFMGSKSKAMCKTNPTLCYFKLH\*\*FKRECYT\*\*HNEGRNKKLLF\*CHHRSK\*\*EAERICSFL\*T\*CNTNIC\*\*KE\*\*\*LY\*L\*VDKL\*YFSHYTSLSKSIL\*TNSHTFLYPGWFCASKV\*R\*EVQWVRTMFKCQHSTMYTWN\*ASSINSTAVKWESSRRRCSNQICQFLRQC\*NYNSTAE\*NSKN\*LYKTQQQYKKKCTYRIWHMVCNRRHNRGHKTSTL\*H\*\*SRME\*DFRKDS\*KIRRKI\*E\*NNNLSNALRRGPRNYNAQF\*LWRGILLL\*YNTTV\*\*YLAFE\*Y\*RDK\*N\*KYHAPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LCIKYYRAVINKRWWY\*LYKE\*DL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQSKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTSQAIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEYYLE\*\*ISE\*YLE\*HDLDAVGQRN\*QLH\*RNTHFNYRIICPTRKE\*KRFIGIGQMGKFVDLV\*HIKLAVVHKDIHNNSRRLGRFKDSFCCAFYSE\*S\*AGIFTIVVSDPRPSLEGTTRQARRNRRRRWRERQRHIHTL

>B.2012.MG196702.-

MEPIDPSLEPWKHPGSQPKTACTTCYCKRCCYHCPLCFITKGLGISHGRKKRRQRRRAPQGGQTHQVSLSEQ\*VIHVMIPLTILTIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRIIDRIRERAEDSGNESDGDQEELSALVEMGHQAHDAPWDIDDL\*CYRKFVGHSLLWGACVERSNYHPILCIRCESI\*YRGT\*CLGHTCLCTHRPQPTRIILGKCDREF\*HVEK\*HGRTDAGGYNQFMGSKSKAMCKTNPTLCYFKLH\*\*FKRERYT\*\*HNEGRNKKLLF\*CHHRSK\*\*EAERICSFL\*T\*CNTNIC\*\*KE\*\*\*LY\*L\*VDKL\*YFSHYTSLSKSIL\*TNSHTFLYPGWFCASKV\*R\*EVQWVRTMFKCQHSTMYTWN\*ASSINSTAVKWESSRRRCSNQICQFLRQC\*NYNSTAE\*NSKN\*LYKTQQQYKKKCTYRIWHMVCNRRHNRGHKTSTL\*H\*\*SRME\*DFRKDS\*KIRRKI\*E\*NNNLSNALRRGPRNYNAQF\*LWRGILLL\*YNTTV\*\*YLAFE\*Y\*RDK\*N\*KYHAPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LCIKYYRAVINKRWWY\*LYKE\*DL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQSKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTSQAIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEYYLE\*\*ISE\*YLE\*HDLDAVGQRN\*QLH\*RNTHFNYRIICPTRKE\*KRFIGIGQMGKFVDLV\*HIKLAVVHKDIHNNSRRLGRFKDSFCCAFYSE\*S\*AGIFTIVVSDPRPSLEGTTRQARRNRRRRWRERQRHIHTL

>B.2012.MG196703.-

MEPIDPSLEPWKHPGSQPKTACTTCYCKRCCYHCPLCFITKGLGISHGRKKRRQRRRAPQGGQTHQVSLSEQ\*VIHVMIPLTILTIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDHEELSALVEMGHQAHDAPWDIDDL\*CYRKFVGHSLLWGACVERSNYHPILCIRCESI\*YRGT\*CLGHTCLCTHRPQPTRIILGKCDREF\*HVEK\*HGRTDAGGYNQFMGSKSKAMCKTNPTLCYFKLH\*\*FKRECYT\*\*HNEGRNKKLLF\*CHHRSK\*\*EAERICSFL\*T\*CNTNIC\*\*KE\*\*\*LY\*L\*VDKL\*YFSHYTSLSKSIL\*TNSHTFLYPGWFCASKV\*R\*EVQWVRTMFKCQHSTMYTWN\*ASSINSTAVKWESSRRRCSNQICQFLRQC\*NYNSTAE\*NSKN\*LYKTQQQYKKKCTYRIWHMVCNRRHNRGHKTSTL\*H\*\*SRME\*DFRKDS\*KIRRKI\*E\*NNNLSNALRRGPRNYNAQF\*LWRGILLL\*YNTTV\*\*YLALE\*Y\*RGK\*K\*KYHAPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LCIKYYRAVINKRWWY\*LYKE\*DL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQSKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTSQAIIVWYSATAEQSAEGY\*GATASVATHSLGHQXAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEYYLE\*\*ISE\*YLE\*HDLDAVGQRN\*QLH\*RNTHFNYRIICPTRKE\*KRFIGIGQMGKFVDLV\*HIKLAVVHKDIHNNSRRLGRFKDSFCCAFYSE\*S\*AGIFTIVVSDPRPSLEGTTRQARRNRRRRWRERQRHIHTL

>B.2012.MG196704.-

MEPIDPSLEPWKHPGSQPKTACTTCYCKRCCYHCPLCFITKGLGISHGRKKRRQRRRAPQGGQTHQVSLSEQ\*VIHVMIPLTILTIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVEMGHQAHDAPWDIDDL\*CYRKFVGHSLLWGACVERSNYHPILCIRCESI\*YRGT\*CLGHTCLCTHRPQPTRIILGKCDREF\*HVEK\*HGRTDAGGYNQFMGSKSKAMCKTNPTLCYFKLH\*\*FKRECYT\*\*HNEGRNKKLLF\*CHHRSK\*\*EAERICSFL\*T\*CNTNIC\*\*KE\*\*\*LY\*L\*VDKL\*YFSHYTSLSKSIL\*TNSHTFLYPGWFCASKV\*R\*EVQWVRTMFKCQHSTMYTWN\*ASSINSTAVKWESSRRRCSNQICQFLRQC\*NYNSTAE\*NSKN\*LYKTQQQYKKKCTYRIWHMVCNRRHNRGHKTSTL\*H\*\*SRME\*DFRKDS\*KIRRKI\*E\*NNNLSNALRRGPRNYNAQF\*LWRGILLL\*YNTTV\*\*YLALE\*Y\*RGK\*K\*KYHAPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LCIKYYRAVINKRWWY\*LYKE\*DL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQSKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTSQAIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEYYLE\*\*ISE\*YLE\*HDLDAVGQRN\*QLH\*RNTHFNYRIICPTRKE\*KRFIGIGQMGKFVDLV\*HIKLAVVHKDIHNNSRRLGRFKDSFCCAFYSE\*S\*AGIFTIVVSDPLPSHEGTTRQARRNRRRRWRERQRHIHTL

>B.2012.MG196705.-

MEPIDPSLEPWKHPGSQPKTACTTCYCKRCCYHCPLCFITKGLGISHGRKKRRQRRRAPQGGQTHQVSLSEQ\*VIHVMIPLTILTIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRIIDRIRERAEDSGNESGGDQEELSALVEMGHQAHDAPWDIDDL\*CYRKFVGHSLLWGACVERSNYHPILCIRCESI\*YRGT\*CLGHTCLCTHRPQPTRIILGKCDREF\*HVEK\*HGRTDAGGYNQFMGSKSKAMCKTNPTLCYFKLH\*\*FKRECYT\*\*HNEGRNKKLLF\*CHHRSK\*\*EAERICSFL\*T\*CNTNIC\*\*KE\*\*\*LY\*L\*VDKL\*YFSHYTSLSKSIL\*TNSHTFLYPGWFCASKV\*R\*EVQWVRTMFKCQHSTMYTWN\*ASSINSTAVKWESSRRRCSNQICQFLRQC\*NYNSTAE\*NSKN\*LYKTQQQYKKKCTYRIWHMVCNRRHNRGHKTSTL\*H\*\*SRME\*DFRKDS\*KIRRKI\*E\*NNNLSNALRRGPRNYNAQF\*LWRGILLL\*YNTTV\*\*YLALE\*Y\*RGK\*K\*KYHAPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LCIKYYRAVINKRWWY\*LYKE\*DL\*TGRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQSKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTSQAIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEYYLE\*\*ISE\*YLE\*HDLDAVGQRN\*QLH\*RNTHFNYRIICPTRKE\*KRFIGIGQMGKFVDLV\*HIKLAVVHKDIHNNSRRLGRFKDSFCCAFYSE\*S\*AGIFTIVVSDPRPSLEGTTRQARRNRRRRWRERQRHIHTL

>B.2012.MG196706.-

MEPIDPSLEPWKHPGSQPKTACTTCYCKRCCYHCPLCFITKGLGISHGRKKRRQRRRAPQGGQTHQVSLSEQ\*VIHVMIPLTILTIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRIIDRIRERAEDSGNESGGDQEELSALVEMGHQAHDAPWDIDDL\*CYRKFVGHSLLWGACVERSNYHPILCIRCESI\*YRGT\*CLGHTCLCTHRPQPTRIILGKCDREF\*HVEK\*HGRTDAGGYNQFMGSKSKAMCKTNPTLCYFKLH\*\*FKRECYT\*\*HNEGRNKKLLF\*CHHRSK\*\*EAERICSFL\*T\*CNTNIC\*\*KE\*\*\*LY\*L\*VDKL\*YFSHYTSLSKSIL\*TNSHTFLYPGWFCASKV\*R\*EVQWVRTMFKCQHSTMYTWN\*ASSINSTAVKWESSRRRCSNQICQFLRQC\*NYNSTAE\*NSKN\*LYKTQQQYKKKCTYRIWHMVCNRRHNRGHKTSTL\*H\*\*SRME\*DFRKDS\*KIRRKI\*E\*NNNLSNALRRGPRNYNAQF\*LWRGILLL\*YNTTV\*\*YLALE\*Y\*RGK\*K\*KYHAPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LCIKYYRAVINKRWWY\*LYKE\*DL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQSKEKSGAERKKSSGTRSFVPWVLGSSREHYGRSVNNADGTSQAIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEYYLE\*\*ISE\*YLE\*HDLDAVGQRN\*QLH\*RNTHFNYRIICPTRKE\*KRFIGIGQMGKFVDLV\*HIKLAVVHKDIHNNSRRLGRFKDSFCCAFYSE\*S\*AGIFTIVVSDPRPSLEGTTRQARRNRRRRWRERQRHIHTL

>B.2012.MG196707.-

MEPIDPSLEPWKHPGSQPKTACTTCYCKRCCYHCPLCFITKGLGISHGRKKRRQRRRAPQGGQTHQVSLSEQ\*VIHVMIPLTILTIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRIIDRIRERAEDSGNESGGDQEELSALVEMGHQAHDAPWDIDDL\*CYRKFVGHSLLWGACVERSNYHPILCIRCESI\*YRGT\*CLGHTCLCTHRPQPTRIILGKCDREF\*HVEK\*HGRTDAGGYNQFMGSKSKAMCKTNPTLCYFKLH\*\*FKRECYT\*\*HNEGRNKKLLF\*CHHRSK\*\*EAERICSFL\*T\*CNTNIC\*\*KE\*\*\*LY\*L\*VDKL\*YFSHYTSLSKSIL\*TNSHTFLYPGWFCASKV\*R\*EVQWVRTMFKCQHSTMYTWN\*ASSINSTAVKWESSRRRCSNQICQFLRQC\*NYNSTAE\*NSKN\*LYKTQQQYKKKCTYRIWHMVCNRRHNRGHKTSTL\*H\*\*SRME\*DFRKDS\*KIRRKI\*E\*NNNLSNALRRGPRNYNAQF\*LWRGILLL\*YNTTV\*\*YLALE\*Y\*RGK\*K\*KYHAPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LCIKYYRAVINKRWWY\*LYKE\*DL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQSKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTSQAIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEYYLE\*\*ISE\*YLE\*HDLDAVGQRN\*QLH\*RNTHFNYRIICPTRKE\*KRFIGIGQMGKFVDLV\*HIKLAVVHKDIHNNSRRLGRFKDSFCCAFYSE\*S\*AGIFTIVVSDPRPSLEGTTRQARRNRRRRWRERQRHIHTL

>B.2012.MG196708.-

MEPIDPSLEPWKHPGSQPKTACTTCYCKRCCYHCPLCFITKGLGISHGRKKRRQRRRAPQGGQTHQVSLSEQ\*VIHVMIPLTILTIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRIIDRIRERAEDSGNESGGDQEELSALVEMGHQAHDAPWDIDDL\*CYRKFVGHSLLWGACVERSNYHPILCIRCESI\*YRGT\*CLGHTCLCTHRPQPTRIILGKCDREF\*HVEK\*HGRTDAGGYNQFMGSKSKAMCKTNPTLCYFKLH\*\*FKRECYT\*\*HNEGRNKKLLF\*CHHRSK\*\*EAERICSFL\*T\*CNTNIC\*\*KE\*\*\*LY\*L\*VDKL\*YFSHYTSLSKSIL\*TNSHTFLYPGWFCASKV\*R\*EVQWVRTMFKCQHSTMYTWN\*ASSINSTAVKWESSRRRCSNQICQFLRQC\*NYNSTAE\*NSKN\*LYKTQQQYKKKCTYRIWHMVCNRRHNRGHKTSTL\*H\*\*SRME\*DFRKDS\*KIRRKI\*E\*NNNLSNALRRGPRNYNAQF\*LWRGILLL\*YNTTV\*\*YLALE\*Y\*RGK\*K\*KYHAPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LCIKYYRAVINKRWWY\*LYKE\*DL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQSKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTSQAIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEYYLE\*\*ISE\*YLE\*HDLDAVGQRN\*QLH\*RNTHFNYRIICPTRKE\*KRFIGIGQMGKFVDLV\*HIKLAVVHKDIHNNSRRLGRFKDSFCCAFYSE\*S\*AGIFTIVVSDPRPSLEGTTRQARRNRRRRWRERQRHIHTL

>B.2012.MG196709.-

MEPIDPSLEPWKHPGSQPKTACTTCYCKRCCYHCPLCFITKGLGISHGRKKRRQRRRAPQGGQTHQVSLSEQ\*VIHVMIPLTILTIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRIIDRIRERAEDSGNESDGDQEELSALVDMGHQAHDAPWDIDDL\*CYRKFVGHSLLWGACVERSNYHPILCIRCESI\*YRGT\*CLGHTCLCTHRPQPTRIILGKCDREF\*HVEK\*HGRTDAGGYNQFMGSKSKAMCKINPTLCYFKLH\*\*FKGECYN\*\*YNEGRNKKLLF\*CHHRSNR\*ETERICSFLYT\*CNTNIC\*\*KE\*\*\*LY\*L\*VDKL\*YFSHYTGLSKSIL\*TNSHTFLYPGWFCASKV\*R\*EVQWVRTMFKCQHSTMYTWN\*ASSINSTAVKWESSRRRCSNQICQFLRQC\*NYNSTAE\*NSKN\*LYKTQQQYKKKCTYRIWHMVCNRRHNRGHKTSTL\*H\*\*SRME\*DFRKDS\*KIRRKI\*E\*NNNLSNALRRGPRNYNAQF\*LWRGILLL\*YNTTV\*\*YLAFE\*Y\*RDK\*N\*KYHAPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LCIKYYRAVINKRWWY\*LYKE\*DL\*TWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQSKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTSQAIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEYYLE\*\*ISE\*YLE\*HDLDAVGQRN\*QLH\*RNTHFNYRIICPTRKE\*KRFIGIGQMGKFVDLV\*HIKLAVVHKDIHNNSRRLGRFKDSFCCAFYSE\*S\*AGIFTIVVSDPLPSPEGTTRQARRNRRRRWRERQRHIHTL

>B.2012.MG196710.-

MEPIDPSLEPWKHPGSQPKTACTTCYCKRCCYHCPLCFITKGLGISHGRKKRRQRRRAPQGGQTHQVSLSEQ\*VIHVMIPLTILTIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRIIDRIRERAEDSGNDSEGDQEELSALVDMGHQAHDAPWDIDDL\*CCRKFVGHSLLWGACVERSNYHPILCIRCESI\*YRGT\*CLGHTCLCTHRPQPTRIILGKCDREF\*HVEK\*HGRTDAGGYNQFMGSKSKAMCKINPTLCYFKLH\*\*FKGQCYN\*\*YNEGRNKKLLF\*CHHRSNR\*ETERICSFLYT\*CNTNIC\*\*KE\*\*\*LY\*L\*VDKL\*YFSHYTGLSKSIL\*TNSHTFLYPGWFCASKV\*R\*EVQWVRTMFKCQHSTMYTWN\*ASSINSTTVKWESSRRRCSNQICQFLRQC\*NYNSTAE\*NSKN\*LYKTQQQYKKKCTYRIWHMVCNRRHNRGHKTSTL\*H\*\*SRME\*DFRKDS\*KIRRKI\*E\*NNNLSNALRRGPRNYNAQF\*LWRGILLL\*YNTTV\*\*YLAFE\*Y\*RDK\*N\*KYHAPMQNKTNCKHVAGSRKSNVCPSHQRTN\*LCIKYYRAVINKRWWY\*LYKE\*DL\*TWRRRYEGQLEK\*IV\*I\*SSKN\*TIRSSTHQSKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTSQAIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEYYLE\*\*ISE\*YLE\*HDLDAVGQRN\*QLH\*RNTHFNYRIICPTRKE\*KRFIGIGQMGKFVDLV\*HIKLAVVHKDIHNNSRRLGRFKDSFCCAFYSE\*S\*AGIFTIVVSDPLPSLEGTTRQARRNRRRRWRERQRHIHTL

>B.2013.MG196711.-

MEPVDPRLEPWNHPGSQPKTACTSCYCKRCCFHCQVCFIQKGLGISHGRKKRRQRRRTHQGSKTYQVPLSEQ\*VIHVMQSLQIAGIVALIVAAIIAIVVWSIVLIEYRKILRQRRIDRLIDRIRDRAEDSGNESEGDQEELAGMLEMGHHAPWDVDDL\*CFRNRNMGYSLLWGTCVERSNYYPILCIRC\*SI\*HRGT\*CLGHTCLCAHRP\*PTRDTIGKCDRKF\*YVEK\*HGRTDAGGYN\*FMGSKPKAMCKINPTLCNFKLH\*\*S\*CHKY\*\*YSSRCQR\*\*FEKHNGRNEKLFFLCPHRYKK\*DVQRICTLL\*T\*YNANRKG\*LKLYYNKL\*HLSHYTGLSKGDL\*TNSHTLLCPGWFCDSKM\*\*QKVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRSNN\*I\*KFNRQY\*KHNSTAEGSCKHYVYKTWQQYKKKYTYGTRESTLCNRRNNRRYKTSTLQP\*WNNLE\*HFTEDS\*KIRGTIQE\*NNNLYSTRRRGPRNCNAQF\*LWRGIFLL\*YNTVV\*\*YLAAG\*\*YYLE\*FRSGAK\*KYHTPM\*NKTNYKQMAGSRKINVCPSH\*RSH\*LFIKYYRVDINKRWWWDQ\*Y\*RNLQTWGRRYEGQLEK\*IV\*IQSSKN\*AIRNSTHQGKEKSGAERKKSSNNRSYVPWVLGSSRKHYGRSITDADGTGQTIIVWYSATAKQFAESY\*GATASVAAHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHCCALEC\*LEQ\*ISKCNLG\*HDLDGMG\*RN\*QLHKINIQLN\*RIANPTRKE\*KRIIGIGQVGKFVELV\*HNTMAVVYKAIYNDSRRISRFKNSFCCTFYSK\*S\*AGIFTIIISDPPPSSEGTRQARRNRRRRWRERQRQINSI

>B.2013.MG196712.-

MEPVDPRLEPWNHPGSQPKTACTSCYCKRCCFHCQVCFIQKGLGISHGRKKRRQRRRTHQGSKTYQVPLSEQ\*VIHVMQSLQIAGIVALIVAAIIAIVVWSIVLIEYRKILRQRRIDRLIDRIRDRAEDSGNESEGDQEELAGMLEMGHHAPWDVDDL\*CFRNRNMGYSLLWGTCVERSNYYPILCIRC\*SI\*HRGT\*CLGHTCLCAHRP\*PTRDTIGKCDRKF\*YVEK\*HGRTDAGGYN\*FMGSKPKAMCKINPTLCNFKLH\*\*S\*CHKY\*\*YSSRCQR\*\*FEKHNGRNEKLFFLCPHRYKK\*DVQRICTLL\*T\*YNANRKG\*LKLYYNKL\*HLSHYTGLSKGDL\*TNSHTLLCPGWFCDSKM\*\*QKVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRSNN\*I\*KFNRQY\*KHNSTAEGSCKHYVYKTWQQYKKKYTYGTRESTLCNRRNNRRYKTSTLQP\*WNNLE\*HFTEDS\*KIRGTIQE\*NNNLYSTRRRGPRNCNAQF\*LWRGIFLL\*YNTVV\*\*YLAAG\*\*YYLE\*FRSGAK\*KYHTPM\*NKTNYKQMAGSRKINVCPSH\*RSH\*LFIKYYRVDINKRWWWDQ\*Y\*RNLQTWGRRYEGQLEK\*IV\*IQSSKN\*AIRNSTHQGKEKSGAERKKSSNNRSYVPWVLGSSRKHYGRSITDADGTGQTIIVWYSATAKQFAESY\*GATASVAAHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHCCALEC\*LEQ\*ISKCNLG\*HDLDGMG\*RN\*QLHKINIQLN\*RIANPTRKE\*KRIIGIGQVGKFVELV\*HNTMAVVYKAIYNDSRRISRFKNSFCCTFYSK\*X\*AGIFTIIISDPPPSSEGTRQARRNRRRRWRERQRQINSI

>B.2013.MG196713.-

MEPVDPRLEPWNHPGSQPKTACTSCYCKRCCFHCQVCFIQKGLGISHGRKKRRQRRRTHQGSKTYQVPLSEQ\*VIHVMQSLQIAGIVALIVAAIIAIVVWSIVLIEYRKILRQRRIDRLIDRIRDRAEDSGNESEGDQEELAGMLEMGHHAPWDVDDL\*CFRNRNMGYSLLWGTCVERSNYYPILCIRC\*SI\*HRGT\*CLGHTCLCAHRP\*PTRDTIGKCDRKF\*YVEKXHGRTDAGGYN\*FMGSKPKAMCKINPTLCNFKLH\*\*S\*CHKY\*\*YSSRCQR\*\*FEKHNGRNEKLFFLCPHRYKK\*DVQRICTLL\*T\*YNANRKG\*LKLYYNKL\*HLSHYTGLSKGDL\*TNSHTLLCPGWFCDSKM\*\*QKVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRSNN\*I\*KFNRQY\*KHNSTAEGSCKHYVYKTWQQYKKKYTYGTRESTLCNRRNNRRYKTSTLQP\*WNNLE\*HFTEDS\*KIRGTIQE\*NNNLYSTRRRGPRNCNAQF\*LWRGIFLL\*YNTVV\*\*YLAAG\*\*YYLE\*FRSGAK\*KYHTPM\*NKTNYKQMAGSRKINVCPSH\*RSH\*LFIKYYRVDINKRWWWDQ\*Y\*RNLQTWGRRYEGQLEK\*IV\*IQSSKN\*AIRNSTHQGKEKSGAERKKSSNNRSYVPWVLGSSRKHYGRSITDADGTGQTIIVWYSATAKQFAESY\*GATASVAAHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHCCALEC\*LEQ\*ISKCNLG\*HDLDGMG\*RN\*QLHKINIQLN\*RIANPTRKE\*KRIIGIGQVGKFVELV\*HNTMAVVYKAIYNDSRRISRFKNSFCCTFYSK\*S\*AGIFTIIISDPPPSSEGTRQARRNRRRRWRERQRQINSI

>B.2013.MG196714.-

MEPVDPRLEPWNHPGSQPKTACTSCYCKRCCFHCQVCFIQKGLGISHGRKKRRQRRRTHQGSKTYQVPLSEQ\*VIHVMQSLQIAGIVALIVAAIIAIVVWSIVLIEYRKILRQRRIDRLIDRIRDRAEDSGNESEGDQEELAGMLEMGHHAPWDVDDL\*CFRNRNMGYSLLWGTCVERSNYYPILCIRC\*SI\*HRGT\*CLGHTCLCAHRP\*PTRDTIGKCDRKF\*YVEK\*HGRTDAGGYN\*FMGSKPKAMCKINPTLCNFKLH\*\*S\*CHKY\*\*YSSRCQR\*\*FEKHNGRNEKLFFLCPHRYKK\*DVQRICTLL\*T\*YNANRKG\*LKLYYNKL\*HLSHYTGLSKGDL\*TNSHTLLCPGWFCDSKM\*\*QKVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRSNN\*I\*KFNRQY\*KHNSTAEGSCKHYVYKTWQQYKKKYTYGTRESTLCNRRNNRRYKTSTLQP\*WNNLE\*HFTEDS\*KIRGTIQE\*NNNLYSTRRRGPRNCNAQF\*LWRGIFLL\*YNTVV\*\*YLAAG\*\*YYLE\*FRSGXK\*KYHTPM\*NKTNYKQMAGSRKINVCPSH\*RSH\*LFIKYYRVDINKRWWWDQ\*Y\*RNLQTWGRRYEGQLEK\*IV\*IQSSKN\*AIRNSTHQGKEKSGAERKKSSNNRSYVPWVLGSSRKHYGRSITDADGTGQTIIVWYSATAKQFAESY\*GATASVAAHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHCCALEC\*LEQ\*ISKCNLG\*HDLDGMG\*RN\*QLHKINIQLN\*RIANPTRKE\*KRIIGIGQVGKFVELV\*HNTMAVVYKAIYNDSRRISRFKNSFCCTFYSK\*SXAGIFTIIISDPPPSSEGTRQARRNRRRRWRERQRQINSI

>B.2013.MG196715.-

MEPVDPRLEPWNHPGSQPKTACTSCYCKRCCFHCQVCFIQKGLGISHGRKKRRQRRRTHQGSKTYQVPLSEQ\*VIHVMQSLQIAGIVALIVAAIIAIVVWSIVLIEYRKILRQRRIDRLIDRIRDRAEDSGNESEGDQEELAGMLEMGHHAPWDVDDL\*CFRNRNMGYSLLWGTCVERSNYYPILCIRC\*SI\*HRGT\*CLGHTCLCAHRP\*PTRDTIGKCDRKF\*YVEK\*HGRTDAGGYN\*FMGSKPKAMCKINPTLCNFKLH\*\*S\*CHKY\*\*YSSRCQR\*\*FEKHNGRNEKLFFLCPHRYKK\*DVQRICTLL\*T\*YNANRKG\*LKLYYNKL\*HLSHYTGLSKGDL\*TNSHTLLCPGWFCDSKM\*\*QKVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRSNN\*I\*KFNRQY\*KHNSTAEGSCKHYVYKTWQQYKKKYTYGTRESTLCNRRNNRRYKTSTLQP\*WNNLE\*HFTEDS\*KIRGTIQE\*NNNLYSTRRRGPRNCNAQF\*LWRGIFLL\*YNTVV\*\*YLAAG\*\*YYLE\*FRSGAK\*KYHTPM\*NKTNYKQMAGSRKINVCPSH\*RSH\*LFIKYYRVDINKRWWWDQ\*Y\*RNLQTWGRRYEGQLEK\*IV\*IQSSKN\*AIRNSTHQGKEKSGAERKKSSNNRSYVPWVLGSSRKHYGRSITDADGTGQTIIVWYSATAKQFAESY\*GATASVAAHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHCCALEC\*LEQ\*ISKCNLG\*HDLDGMG\*RN\*QLHKINIQLN\*RIANPTRKE\*KRIIGIGQVGKFVELV\*HNTMAVVYKAIYNDSRRISRFKNSFCCTFYSK\*S\*AGIFTIIISDPPPSSEGTRQARRNRRRRWRERQRQINSI

>B.2013.MG196716.-

MEPVDPRLEPWNHPGSQPKTACTSCYCKRCCFHCQVCFIQKGLGISHGRKKRRQRRRTHQGSXTYQVPLSEQ\*VIHVMQSLQIAGIVALIVAAIIAIVVWSIVLIEYRKILRQRRIDRLIDRIRDRTEDSGNESEGDQEELAGMLEMGHHAPWDVDDL\*CFRNRNMGYSLLWGTCVERSNYYPILCIRC\*SI\*HRGT\*CLGHTCLCAHRP\*PTRDTIGKCDRKF\*YVEK\*HGRTDAGGYN\*FMGSKPKAMCKINPTLCNFKLH\*\*S\*CHKY\*\*YSSRCQR\*\*FEKHNGRNEKLFFLCPHRYKK\*DVQRICTLL\*T\*YNANRKG\*LKLYYNKL\*HLSHYTGLSKGDL\*TNSHTLLCPGWFCDSKM\*\*QKVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRSNN\*I\*KFNRQY\*KHNSTAEGSCKHYVYKTWQQYKKKYTYGTRESTLCNRRNNRRYKTSTLQP\*WNNLE\*HFTEDS\*KIRGTIQE\*NNNLYSTRRRGPRNCNAQF\*LWRGIFLL\*YNTVV\*\*YLAAG\*\*YYLE\*FRSGAK\*KYHTPM\*NKTNYKQMAGSRKINVCPSH\*RSH\*LFIKYYRVDINKRWWWDQ\*Y\*RNLQTWGRRYEGQLEK\*IV\*IQSSKN\*AIRNSTHQGXEKSGAERKKSSNNRSYVPWVLGSSRKHYGRSITDADGTGQTIIVWYSATAKQFAESY\*GATASVAAHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHCCALEC\*LEQ\*ISKCNLG\*HDLDGMG\*RN\*QLHKINIQLN\*RIANPTRKE\*KRIIGIGQVGKFVELV\*HNTMAVVYKAIYNDSRRISRFKNSFCCTFYSK\*S\*AGIFTIIISDPPPSSEGTRQARRNRRRRWRERQRQINSI

>B.2013.MG196717.-

MEPVDPRLEPWNHPGSQPKTACTSCYCKRCCFHCQVCFIQKGLGISHGRKKRRQRRRTHQGSKTYQVPLSEQ\*VIHVMQSLQIAGIVALIVAAIIAIVVWSIVLIEYRKILRQRRIDRLIDRIRDRAEDSGNESEGDQEELAGMLEMGHHAPWDVDDL\*CFRNRNMGYSLLWGTCVERSNYYPILCIRC\*SX\*HRGT\*CLGHTCLCAHRP\*PTRDTIGKCDRKF\*YVEK\*HGRTDAGGYN\*FMGSKPKAMCKINPTLCNFKLH\*\*S\*CHKY\*\*YSSRCQR\*\*FEKHNGRNEKLFFLCPHRYKK\*DVQRICTLL\*T\*YNANRKG\*LKLYYNKL\*HLSHYTGLSKGDL\*TNSHTLLCPGWFCDSKM\*\*QKVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRSNN\*I\*KFNRQY\*KHNSTAEGSCKHYVYKTWQQYKKKYTYGTRESTLCNRRNNRRYKTSTLQP\*WNNLE\*HFTEDS\*KIRGTIQE\*NNNLYSTRRRGPRNCNAQF\*LWRGIFLL\*YNTVV\*\*YLAAG\*\*YYLE\*FRSGAK\*KYHTPM\*NKTNYKQMAGSRKINVCPSH\*RSH\*LFIKYYRVDINKRWWWDQ\*Y\*RNLQTWGRRYEGQLEK\*IV\*IQSSKN\*AIRNSTHQGKEKSGAERKKSSNNRSYVPWVLGSSRKHYGRSITDADGTGQTIIVWYSATAKQFAESY\*GATASVAAHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHCCALEC\*LEQ\*ISKCNLG\*HDLDGMG\*RN\*QLHKINIQLN\*RIANPTRKE\*KRIIGIGQVGKFVELV\*HNTMAVVYKAIYNDSRRISRFKNSFCCTFYSK\*S\*AGIFTIIISDPPPSSEGTRQARRNRRRRWRERQRQINSI

>B.2013.MG196718.-

MEPVDPRLEPWNHPGSQPKTACTSCYCKRCCFHCQVCFIQKGLGISHGRKKRRQRRRTHQGSKTYQVPLSEQ\*VIHVMQSLQIAGIVALIVAAIIAIVVWSIVLIEYRKILRQRRIDRLIDRIRDRAEDSGNESEGDQEELAGMLEMGHHAPWDVDDL\*CFRNRNMGYSLLWGTCVERSNYYPILCIRC\*SI\*HRGT\*CLGHTCLCAHRP\*PTRDTIGKCDRKF\*YVEK\*HGRTDAGGYN\*FMGSKPKAMCKINPTLCNFKLH\*\*S\*CHKY\*\*YSSRCQR\*\*FEKHNGRNEKLFFLCPHRYKK\*DVQRICTLL\*T\*YNANRKG\*LKLYYNKL\*HLSHYTGLSKGDL\*TNSHTLLCPGWFCDSKM\*\*QKVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRSNN\*I\*KFNRQY\*KHNSTAEGSCKHYVYKTWQQYKKKYTYGTRESTLCNRRNNRRYKTSTLQP\*WNNLE\*HFTEDS\*KIRGTIQE\*NNNLYSTRRRGPRNCNAQF\*LWRGIFLL\*YNTVV\*\*YLAAG\*\*YYLE\*FRSGAK\*KYHTPM\*NKTNYKQMAGSRKINVCPSH\*RSH\*LFIKYYRVDINKRWWWDQ\*Y\*RNLQTWGRRYEGQLEK\*IV\*IQSSKN\*AIRNSTHQGKEKSGAERKKSSNNRSYVPWVLGSSRKHYGRSITDADGTGQTIIVWYSATAKQFAESY\*GATASVAAHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHCCALEC\*LEQ\*ISKCNLG\*HDLDGMG\*RN\*QLHKINIQLN\*RIANPTRKE\*KRIIGIGQVGKFVELV\*HNTMAVVYKAIYNDSRRISRFKNSFCCTFYSK\*S\*AGIFTIIISDPPPSSEGTRQARRNRRRRWRERQRQINSI

>B.2013.MG196719.-

MEPVDPRLEPWNHPGSQPKTACTSCYCKRCCFHCQVCFIQKGLGISHGRKKRRQRRRTHQGSKTYQVPLSEQ\*VIHVMQSLQIAGIVALIVAAIIAIVVWSIVLIEYRKILRQRRIDRLIDRIRDRAEDSGNESEGDQEELAGMLEMGHHAPWDVDDL\*CFRNRNMGYSLLWGTCVERSNYYPILCIRC\*SI\*HRGT\*CLGHTCLCAHRP\*PTRDTIGKCDRKF\*YVEK\*HGRTDAGGYN\*FMGSKPKAMCKINPTLCNFKLH\*\*S\*CHKY\*\*YSSRCQR\*\*FEKHNGRNEKLFFLCPHRYKK\*DVQRICTLL\*T\*YNANRKG\*LKLYYNKL\*HLSHYTGLSKGDL\*TNSHTLLCPGWFCDSKM\*\*QKVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRSNN\*I\*KFNRQY\*KHNSTAEGSCKHYVYKTWQQYKKKYTYGTRESTLCNRRNNRRYKTSTLQP\*WNNLE\*HFTEDS\*KIRGTIQE\*NNNLYSTRRRGPRNCNAQF\*LWRGIFLL\*YNTVV\*\*YLAAG\*\*YYLE\*FRSGAK\*KYHTPM\*NKTNYKQMAGSRKINVCPSH\*RSH\*LFIKYYRVDINKRWWWDQ\*Y\*RNLQTWGRRYEGQLEK\*IV\*IQSSKN\*AIRNSTHQGKEKSGAERKKSSNNRSYVPWVLGSSRKHYGRSITDADGTGQTIIVWYSATAKQFAESY\*GATASVAAHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHCCALEC\*LEQ\*ISKCNLG\*HDLDGMG\*RN\*QLHKINIQLN\*RIANPTRKE\*KRIIGIGQVGKFVELV\*HNTMAVVYKAIYNDSRRISRFKNSFCCTFYSK\*S\*AGIFTIIISDPPPSSEGTRQARRNRRRRWRERQRQINSI

>B.2013.MG196720.-

MEPVDPRLEPWNHPGSQPKTACTSCYCKRCCFHCQVCFIQKGLGISHGRKKRRQRRRTHQGSKTYQVPLSEQ\*VIHVMQSLQIAGIVALIVAAIIAIVVWSIVLIEYRKILRQRRIDRLIDKIRDRAEDSGNESEGDQEELAGMLEMGHHAPWDVDDL\*CFRNRNMGYSLLWGTCVERSNYYPILCIRC\*SI\*HRGT\*CLGHTCLCAHRP\*PTRDTIGKCDRKF\*YVEK\*HGRTDAGGYN\*FMGSKPKAMCKINPTLCNFKLH\*\*S\*CHKY\*\*YSSRCQR\*\*FEKHNGRNEKLFFLCPHRYKK\*DVQRICTLL\*T\*YNANRKG\*LKLYYNKL\*HLSHYTGLSKGDL\*TNSHTLLCPGWFCDSKM\*\*QKVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRSNN\*I\*KFNRQY\*KHNSTAEGSCKHYVYKTWQQYKKKYTYGTRESTLCNRRNNRRYKTSTLQP\*WNNLE\*HFTEDS\*KIRGTIQE\*NNNLYSTRRRGPRNCNAQF\*LWRGIFLL\*YNTVV\*\*YLAAG\*\*YYLE\*FRSGAK\*KYHTPM\*NKTNYKQMAGSRKINVCPSH\*RSH\*LFIKYYRVDINKRWWWDQ\*Y\*RNLQTWGRRYEGQLEK\*IV\*IQSSKN\*AIRNSTHQGKEKSGAERKKSSNNRSYVPWVLGSSRKHYGRSITDADGTGQTIIVWYSATAKQFAESY\*GATASVAAHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHCCALEC\*LEQ\*ISKCNLG\*HDLDGMG\*RN\*QLHKINIQLN\*RIANPTRKE\*KRIIGIGQVGKFVELV\*HNTMAVVYKAIYNDSRRISRFKNSFCCTFYSK\*S\*AGIFTIIISDPPPSSEGTRQARRNRRRRWRERQRQINSI

>B.2012.MG196732.-

MDPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSQAHQVSLSKQ\*VIHVNATFIYSIHSSFSNSSNTSNSCVDHSIHRIQENIKTKKDR\*IN\*\*NKRKSRRQWQ\*K\*RGSGRIMGTGKGASCSLGC\*\*SVVL\*IDYGSQSIMGYLCGKKQTPLYFVHQMLKHMSQRHIMFGPHMPVYPQTPTHKK\*YWEM\*QKILTCGKITW\*NRCMRI\*LVYGIKA\*NHV\*N\*PHSVLL\*FVLIWEMLLKSIILN\*RREEQ\*RTALSISPQA\*KIR\*MNMHFFMTLI\*YP\*NRVILAIG\*\*VVTPQS\*HRPVQR\*PLNQFPYIIAPLLVLRF\*SVRIRSSMEQDHVKLSAQYNVHMELGQ\*YQLNYC\*MAV\*QKKR\*\*LDLKISQTMLKP\*\*YS\*MKE\*QLIVQDPTTIQEKVYIWDQGKHFLQQEI\*\*EI\*GKHIVILVGKSGIML\*QR\*RKN\*KNILLIKQ\*PLSNPQEGTQKL\*RIVLIVEGNFSTVIQHNCLKSQITLKTTLKEKISHLKEKISHSHAE\*DKL\*TCGRK\*AKQCMPLPSEDKLAVHQTLQDCY\*QEMVAIIIILMIRRSSDLEEEI\*GTIGEVNYTNIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*GD\*ELCSLDSWGQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSKTIC\*ELLRRSNICCNSQSGASSSSRQESWL\*KDT\*RINSS\*GFGVALENSSVPLMCLGILVGVINLWLRFGTT\*PGWSGKKKLTITQA\*YTPYLKNRNTNKKRMNKNYWH\*TNGQVCGIGLT\*QIGCGI\*RYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRGXHHYRFRPTSQTGGDPTGPEESKKKVERETETDPGDR

>B.2012.MG196733.-

MDPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSQAHQVSLSKQ\*VIHVNATFIYSIHSSFSNSSNTSNSCVDHSIHRIQENIKTKKDR\*IN\*\*NKRKSRRQWQ\*K\*RGSGRIMGTGKGASCSLGC\*\*SVVL\*IDYGSQSIMGYLCGKKQTPLYFVHQMLKHMSQRHIMFGPHMPVYPQTPTHKK\*YWEM\*QKILTCGKITW\*NRCMRI\*LVYGIKA\*NHV\*N\*PHSVLL\*FVLIWEMLLKSIILN\*RREEQ\*RTALSISPQA\*KIR\*MNMHFFMTLI\*YP\*NRVILAIG\*\*VVTPQS\*HRPVQR\*PLNQFPYIIAPLLVLRF\*SVRIRSSMEQDHVKLSAQYNVHMELGQ\*YQLNYC\*MAV\*QKKR\*\*LDLKISQTMLKP\*\*YS\*MKE\*QLIVQDPTTIQEKVYIWDQGKHFLQQEI\*\*EI\*GKHIVILVGKSGIML\*QR\*RKN\*KNILLIKQ\*PLSNPQEGTQKL\*RIVLIVEGNFSTVIQQITLKTTLKEKISHLKEKISHSHAE\*DKL\*TCGRK\*AKQCMPLPSEDKLAVHQTLQDCY\*QEMVAIIIILMIRRSSDLEEEI\*GTIGEVNYTNIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*GD\*ELCSLDSWGQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSKTIC\*ELLRRSNICCNSQSGASSSSRQESWL\*KDT\*RINSS\*GFGVALENSSVPLMCLGILVGVINLWLRFGTT\*PGWSGKKKLTITQA\*YTPYLKNRNTNKKRMNKNYWH\*TNGQVCGIGLT\*QIGCGI\*RYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRGTHHYRFRPTSQTGGDPTGPEESKKKVERETETDPGDR

>B.2012.MG196734.-

MDPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSQAHQVSLSKQ\*VIHVNATFIYSIHSSFSNSSNTSNSCVDHSIHRIQENIKTKKDR\*IN\*\*NKRKSRRQWQ\*K\*RGSGRIMGIGKGASCSLGC\*\*SVVL\*IDYGSQSIMGYLCGKKQTPLYFVHQMLKHMSQRHIMFGPHMPVYPQTPTHKK\*YWEM\*QKILTCGKITW\*NRCMRI\*LVYGIKA\*NHV\*N\*PHSVLL\*FVLIWEMLLKSIILN\*RREEQ\*RTALSISPQA\*KIR\*MNMHFFMTLI\*YP\*NRVILAIG\*\*VVTPQS\*HRPVQR\*PLNQFPYIIAPLLVLRF\*SVRIRSSMEQDHVKLSAQYNVHMELGQ\*YQLNYC\*MAV\*QKXR\*\*LDLKISQTMLKP\*\*YS\*MKE\*QLIVQDPTTIQEKVYIWDQGKHFLQQEI\*\*EI\*GKHIVILVGKSGIML\*QR\*RKN\*KNILLIKQ\*PLSNPQEGTQKL\*RIVLIVEGNF\*RENITLPCRIRQIVNLWQKVGKAMYAPPIRGQISCSSNITGLLLTRDGGNNNNTDDPEIFRPGGGDMRDNWRSELYKYKVVKIEPLGIAPTKARRRVVQREKRAIGGLGALFLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLAIERYLKDQQLLGIWGCSGKLICTTNVPWNTSWSNKSMAEIWDNMTWMEWEKEIDNYTGIIYTLLEESQYQQEKNEQELLALDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTILSVVNRVRQGYSPLSFQTHFPDRRGPDGPGGIEEEGGERDRDRSGRS

>B.2012.MG196735.-

MDPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSQAHQVSLSKQ\*VIHVNATFIYSIHSSFSNSSNTSNSCVDHSIHRIQENIKTKKDR\*IN\*\*NKRKSRRQWQ\*K\*RGSGRIMGTGKGASCSLGC\*\*SVVL\*IDYGSQSIMGYLCGKKQTPLYFVHQMLKHMSQRHIMFGPHMPVYPQTPTHKK\*YWEM\*QKILTCGKITW\*NRCMRI\*LVYGIKA\*NHV\*N\*PHSVLL\*FVLIWEMLLKSIILN\*RREEQ\*RTALSISPQA\*KIR\*MNMHFFMTLI\*YP\*NRVILAIG\*\*VVTPQS\*HRPVQR\*PLNQFPYIIAPLLVLRF\*SVRIRSSMEQDHVKLSAQYNVHMELGQ\*YQLNYC\*MAV\*QKKR\*\*LDLKISQTMLKP\*\*YS\*MKE\*QLIVQDPTTIQEKVYIWDQGKHFLQQEI\*\*EI\*GKHIVILVGKSGIML\*QR\*RKN\*KNILLIKQ\*PLSNPQEGTQKL\*RIVLIVEGNFSTVIQHNCLKSQITLKTTLKEKISHLKEKISHSHAE\*DKL\*TCGRK\*AKQCMPLPSEDKLAVHQTLQDCY\*QEMVAIIIILMIRRSSDLEEEI\*GTIGEVNYTNIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*GD\*ELCSLDSWGQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSKTIC\*ELLRRSNICCNSQSGASSSSRQESWL\*KDT\*RINSS\*GFGVALENSSVPLMCLGILVGVINLWLRFGTT\*PGWSGKKKLTITQA\*YTPYLKNRNTNKTRMNKNYWH\*TNGQVCGIGLT\*QIGCGI\*RYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRGTHHYRFRPTSQTGGDPTGPEESKKKVERETETDPGDR

>B.2012.MG196736.-

MDPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSQAHQVSLSKQ\*VIHVNATFIYSIHSSFSNSSNTSNSCVDHSIHRIQENIKTKKDR\*IN\*\*NKRKSRRQWQ\*K\*RGSGRIMGTGKGASCSLGC\*\*SVVL\*IDYGSQSIMGYLCGKKQTPLYFVHQMLKHMSQRHIMFGPHMPVYPQTPTHKK\*YWEM\*QKILTCGKITW\*NRCMRI\*LVYGIKA\*NHV\*N\*PHSVLL\*FVLIWEMLLKSIILN\*RREEQ\*RTALSISPQA\*KIR\*MNMHFFMTLI\*YP\*NRVILAIG\*\*VVTPQS\*HRPVQR\*PLNQFPYIIAPLLVLRF\*SVRIRSSMEQDHVKLSAQYNVHMELGQ\*YQLNYC\*MAV\*QKKR\*\*LDLKISQTMLKP\*\*YS\*MKE\*QLIVQDPTTIQEKVYIWDQGKHFLQQEI\*\*EI\*GKHIVILVGKSGIML\*QR\*RKN\*KNILLIKQ\*PLSNPQEGTQKL\*RIVLIVEGNFSTVIQHNCLKSQITLKTTLKEKISHLKEKISHSHAE\*DKL\*TCGRK\*AKQCMPLPSEDKLAVHQTLQDCY\*QEMVAIIIILMIRRSSDLEEEI\*GTIGEVNYTNIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*GD\*ELCSLDSWGQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSKTIC\*ELLRRSNICCNSQSGASSSSRQESWL\*KDT\*RINSS\*GFGVALENSSVPLMCLGILVGVINLWLRFGTT\*PGWSGKKKLTITQA\*YTPYLKNRNTNKKRMNKNYWH\*TNGQVCGIGLT\*QIGCGI\*RYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRGTHHYRFRPTSQTGGDPTGPEESKKKVERETETDPGDR

>B.2012.MG196737.-

MDPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSQAHQVSLSKQ\*VIHVNATFIYSIHSSFSNSSNTSNSCVDHSIHRIQENIKTKKDR\*IN\*\*NKRKSRRQWQ\*K\*RGSGRIMGTGKGASCSLGC\*\*SVVL\*IDYGSQSIMGYLCGKKQTPLYFVHQMLKHMSQRHIMFGPHMPVYPQTPTHKK\*YWEM\*QKILTCGKITW\*NRCMRI\*LVYGIKA\*NHV\*N\*PHSVLL\*FVLIWEMLLKSIILN\*RREEQ\*RTALSISPQA\*KIR\*MNMHFFMTLI\*YP\*NRVILAIG\*\*VVTPQS\*HRPVQR\*PLNQFPYIIAPLLVLRF\*SVRIRSSMEQDHVKLSAQYNVHMELGQ\*YQLNYC\*MAV\*QKKR\*\*LDLKISQTMLKP\*\*YS\*MKE\*QLIVQDPTTIQEKVYIWDQGKHFLQQEI\*\*EI\*GKHIVILVGKSGIML\*QR\*RKN\*KNILLIKQ\*PLSNPQEGTQKL\*RIVLIVEGNFSTVIQHNCLKSQITLKTTLKEKISHLKEKISHSHAE\*DKL\*TCGRK\*AKQCMPLPSEDKLAVHQTLQDCY\*QEMVAIIIILMIRRSSDLEEEI\*GTIGEVNYTNIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*GD\*ELCSLDSWGQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSKTIC\*ELLRRSNICCNSQSGASSSSRQESWL\*KDT\*RINSS\*GFGVALENSYVPLMCLGILVGVINLWLRFGTT\*PGWSGKKKLTITQA\*YTPYLKNRNTNKKRMNKNYWH\*TNGQVCGIGLT\*QIGCGI\*RYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRGTHHYRFRPTSQTGGDPTGPEESKKKVERETETDPGDR

>B.2012.MG196738.-

MDPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSQAHQVSLSKQ\*VIHVNATFIYSIHSSFSNSSNTSNSCVDHSIHRIQENIKTKKDR\*IN\*\*NKRKSRRQWQ\*K\*RGSGRIMGTGKGASCSLGC\*\*SVVL\*IDYGSQSIMGYLCGKKQTPLYFVHQMLKHMSQRHIMFGPHMPVYPQTPTHKK\*YWEM\*QKILTCGKITW\*NRCMRI\*LVYGIKA\*NHV\*N\*PHSVLL\*FVLIWEMLLKSIILN\*RREEQ\*RTALSISPQA\*KIR\*MNMHFFMTLI\*YP\*NRVILAIG\*\*VVTPQS\*HRPVQR\*PLNQFPYIIAPLLVLRF\*SVRIRSSMEQDHVKLSAQYNVHMELGQ\*YQLNYC\*MAV\*QKKR\*\*LDLKISQTMLKP\*\*YS\*MKE\*QLIVQDPTTIQEKVYIWDQGKHFLQQEI\*\*EI\*GKHIVILVGKSGIML\*QR\*RKN\*KNILLIKQ\*PLSNPQEGTQKL\*RIVLIVEGNFSTVIQHNCLKSQITLKTTLKEKISHLKEKISHSHAE\*DKL\*TCGRK\*AKQCMPLPSEDKLAVHQTLQDCY\*QEMVAIIIILMIRRSSDLEEEI\*GTIGEVNYTNIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*GD\*ELCSLDSWGQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSKTIC\*ELLRRSNICCNSQSGASSSSRQESWL\*KDT\*RINSS\*GFGVALENSSVPLMCLGILVGVINLWLRFGTT\*PGWSGKKKLTITQA\*YTPYLKNRNTNKKRMNKNYWH\*TNGQVCGIGLT\*QIGCGI\*RYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRGTHHYRFRPTSQTGGDPTGPEESKKKVERETETDPGDR

>B.2012.MG196739.-

MDPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSQAHQVSLSKQ\*VIHVNATFIYSIHSSFSNSSNXSNSCVDHSIHRIQENIKTKKDR\*IN\*\*NKRKSRRQWQ\*K\*RGSGRIMGTGKGASCSLGC\*\*SVVL\*IDYGSQSIMGYLCGKKQTPLYFVHQMLKHMSQRHIMFGPHMPVYPQTPTHKK\*YWEM\*QKILTCGKITW\*NRCMRI\*LVYGIKA\*NHV\*N\*PHSVLL\*FVLIWEMLLKSIILN\*RREEQ\*RTALSISPQA\*KIR\*MNMHFFMTLI\*YP\*NRVILAIG\*\*VVTPQS\*HRPVQR\*PLNQFPYIIAPLLVLRF\*SVRIRSSMEQDHVKLSAQYNVHMELGQ\*YQLNYC\*MAV\*QKKR\*\*LDLKISQTMLKP\*\*YS\*MKE\*QLIVQDPTTIQEKVYIWDQGKHFLQQEI\*\*EI\*GKHIVILVGKSGIML\*QR\*RKN\*KNILLIKQ\*PLSNPQEGTQKL\*RIVLIVEGNFSTVIQHNCLKSQITLKTTLKEKISHLKEKISHSHAE\*DKL\*TCGRK\*AKQCMPLPSEDKLAVHQTLQDCY\*QEMVAIIIILMIRRSSDLEEEI\*GTIGEVNYTNIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*GD\*ELCSLDSWGQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSKTIC\*ELLRRSNICCNSQSGASSSSRQESWL\*KDT\*RINSS\*GFGVALENSSVPLMCLGILVGVINLWLRFGTT\*PGWSGKKKLTITQA\*YTPYLKNRNTNKKRMNKNYWH\*TNGQVCGIGLT\*QIGCGI\*RYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRGTHHYRFRPTSQTGGDPTGPEESKKKVERETETDPGDR

>B.2012.MG196740.-

MDPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSQAHQVSLSKQ\*VIHVNATFIYSIHSSFSNSSNTSNSCVDHSIHRIQENIKTKKDR\*IN\*\*NKRKSRRQWQ\*K\*RGSGRIMGTGKGASCSLGC\*\*SVVL\*IDYGSQSIMGYLCGKKQTPLYFVHQMLKHMSQRHIMFGPHMPVYPQTPTHKK\*YWEM\*QKILTCGKITW\*NRCMRI\*LVYGIKA\*NHV\*N\*PHSVLL\*FVLIWEMLLKSIILN\*RREEQ\*RTALSISPQA\*KIR\*MNMHFFMTLI\*YP\*NRVILAIG\*\*VVTPQS\*HRPVQR\*PLNQFPYIIAPLLVLRF\*SVRIRSSMEQDHVKLSAQYNVHMELGQ\*YQLNYC\*MAV\*QKKR\*\*LDLKISQTMLKP\*\*YS\*MKE\*QLIVQDPTTIQEKVYIWDQGKHFLQQEI\*\*EI\*GKHIVILVGKSGIML\*QR\*RKN\*KNILLIKQ\*PLSNPQEGTQKL\*RIVLIVEGNFSTVIQHNCLKSQITLKTTLKEKISHLKEKISHSHAE\*DKL\*TCGRK\*AKQCMPLPSEDKLAVHQTLQDCY\*QEMVAIIIILMIRRSSDLEEEI\*GTIGEVNYTNIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*GD\*ELCSLESWGQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSKTIC\*ELLRRSNICCNSQSGASSSSRQESWL\*KDT\*RINSS\*GFGVALENSSVPLMCLGILVGVINLWLRFGTT\*PGWSGKKKLTITQA\*YTPYLKNRNTNKKRMNKNYWH\*TNGQVCGIGLT\*QIGCGI\*RYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRGTHHYRFRPTSQTGGDPTGPEESKKKVERETETDPGDR

>B.2012.MG196741.-

MDPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSQAHQVSLSKQ\*VIHVNATFIYSIHSSFSNSSNTSNSCVDHSIHRIQENIKTKKDR\*IN\*\*NKRKSRRQWQ\*K\*RGSGRIMGTGKGASCSLGC\*\*SVVL\*IDYGSQSIMGYLCGKKQTPLYFVHQMLKHMSQRHIMFGPHMPVYPQTPTHKK\*YWEM\*QKILTCGKITW\*NRCMRI\*LVYGIKA\*NHV\*N\*PHSVLL\*FVLIWEMLLKSIILN\*RREEQ\*RTALSISPQA\*KIR\*MNMHFFMTLI\*YP\*NRVILAIG\*\*VVTPQS\*HRPVQR\*PLNQFPYIIAPLLVLRF\*SVRIRSSMEQDHVKLSAQYNVHMELGQ\*YQLNYC\*MAV\*QKKR\*\*LDLKISQTMLKP\*\*YS\*MKE\*QLIVQDPTTIQEKVYIWDQGKHFLQQEI\*\*EI\*GKHIVILVGKSGIML\*QR\*RKN\*KNILLIKQ\*PLSNPQEGTQKL\*RIVLIVEGNFSTVIQHNCLKSQITLKTTLKEKISHLKEKISHSHAE\*DKL\*TCGRK\*AKQCMPLPSEDKLAVHQTLQDCY\*QEMVAIIIILMIRRSSDLEEEI\*GTIGEVNYTNIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*GD\*ELCSLDSWGQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSKTIC\*ELLRRSNICCNSQSGASSSSRQESWL\*KDT\*RINSS\*GFGVALENSSVPLMCLGILVGVINLWLRFGTT\*PGWSGKKKLTITQA\*YTPYLKNRNTNKKRMNKNYWH\*TNGQVCGIGLT\*QIGCGI\*RYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRGTHHYRFRPTSQTGGDPTGPEESKKKVERETETDPGDR

>B.2012.MG196742.-

MDPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSQAHQVSLSKQ\*VIHVNATFIYSIHSSFSNSSNTSNSCVDHSIHRIQENIKTKKDR\*IN\*\*NKRKSRRQWQ\*K\*RGSGRIMGTGKGASCSLGC\*\*SVVL\*IDYGSQSIMGYLCGKKQTPLYFVHQMLKHMSQRHIMFGPHMPVYPQTPTHKK\*YWEM\*QKILTCGKITW\*NRCMRI\*LVYGIKA\*NHV\*N\*PHSVLL\*FVLIWEMLLKSIILN\*RREEQ\*RTALSISPQA\*KIR\*MNMHFFMTLI\*YP\*NRVILAIG\*\*VVTPQS\*HRPVQR\*PLNQFPYIIAPLLVLRF\*SVRIRSSMEQDHVKLSAQYNVHMELGQ\*YQLNYC\*MAV\*QKKR\*\*LDLKISQTMLKP\*\*YS\*MKE\*QLIVQDPTTIQEKVYIWDQGKHFLQQEI\*\*EI\*GKHIVILVGKSGIML\*QR\*RKN\*KNILLIKQ\*PLSNPQEGTQKL\*RIVLIVEGNFSTVIQHNCLKSQITLKTTLKEKISHLKEKISHSHAE\*DKL\*TCGRK\*AKQCMPLPSEDKLAVHQTLQDCY\*QEMVAIIIILMIRRSSDLEEEI\*GTIGEVNYTNIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*GD\*ELCSLDSWGQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSKTIC\*ELLRRSNICCNSQSGASSSSRQESWL\*KDT\*RINSS\*GFGVALENSSVPLMCLGILVGVINLWLRFGTT\*PGWSGKKKLTITQA\*YTPYLKNRNTNKKRMNKNYWH\*TNGQVCGIGLT\*QIGCGI\*RYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRGTHHYRFRPTSQTGGDPTGPEESKKKVERETETDPGDR

>B.2012.MG196743.-

MDPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSQAHQVSLSKQ\*VIHVNATFIYSIHSSFSNSSNTSNSCVDHSIHRIQENIKTKKDR\*IN\*\*NKRKSRRQWQ\*K\*RGSGRIMGTGKGASCSLGC\*\*SVVL\*IDYGSQSIMGYLCGKKQTPLYFVHQMLKHMSQRHIMFGPHMPVYPQTPTHKK\*YWEM\*QKILTCGKITW\*NRCMRI\*LVYGIKA\*NHV\*N\*PHSVLL\*FVLIWEMLLKSIILN\*RREEQ\*RTALSISPQA\*KIR\*MNMHFFMTLI\*YP\*NRVILAIG\*\*VVTPQS\*HRPVQR\*PLNQFPYIIAPLLVLRF\*SVRIRSSMEQDHVKLSAQYNVHMELGQ\*YQLNYC\*MAV\*QKKR\*\*LDLKISQTMLKP\*\*YS\*MKE\*QLIVQDPTTIQEKVYIWDQGKHFLQQEI\*\*EI\*GKHIVILVGKSGIML\*QR\*RKN\*KNILLIKQ\*PLSNPQEGTQKL\*RIVLIVEGNFSTVIQHNCLKSQITLKTTLKEKISHLKEKISHSHAE\*DKL\*TCGRK\*AKQCMPLPSEDKLAVHQTLQDCY\*QEMVAIIIILMIRRSSDLEEEI\*GTIGEVNYTNIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*GD\*ELCSLDSWGQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSKTIC\*ELLRRSNICCNSQSGASSSSRQESWL\*KDT\*RINSS\*GFGVALENSSVPLMCLGILVGVINLWLRFGTT\*PGWSGKKKLTITQA\*YTPYLKNRNTNKKRMNKNYWH\*TNGQVCGIGLT\*QIGCGI\*RYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRGTHHYRFRPTSQTGGDPTGPEESKKKVERETETDPGDR

>B.2012.MG196744.-

MDPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQSSQAHQVSLSKQ\*VIHVNATFIYSIHSSFSNSSNTSNSCVDHSIHRIQENIKTKKDR\*IN\*\*NKRKSRRQWQ\*K\*RGSGRIMGTGKGASCSLGC\*\*SVVL\*IDYGSQSIMGYLCGKKQTPLYFVHQMLKHMSQRHIMFGPHMPVYPQTPTHKK\*YWEM\*QKILTCGKITW\*NRCMRI\*LVYGIKA\*NHV\*N\*PHSVLL\*FVLIWEMLLKSIILN\*RREEQ\*RTALSISPQA\*KIR\*MNMHFFMTLI\*YP\*NRVILAIG\*\*VVTPQS\*HRPVQR\*PLNQFPYIIAPLLVLRF\*SVRIRSSMEQDHVKLSAQYNVHMELGQ\*YQLNYC\*MAV\*QKKR\*\*LDLKISQTMLKP\*\*YS\*MKE\*QLIVQDPTTIQEKVYIWDQGKHFLQQEI\*\*EI\*GKHIVILVGKSGIML\*QR\*RKN\*KNILLIKQ\*PLSNPQEGTQKL\*RIVLIVEGNFSTVIQHNCLKSQITLKTTLKEKISHLKEKISHSHAE\*DKL\*TCGRK\*AKQCMPLPSEDKLAVHQTLQDCY\*QEMVAIIIILMIRRSSDLEEEI\*GTIGEVNYTNIK\*\*KLNH\*E\*HPPRQREEWCREKKEQ\*GD\*ELCSLDSWGQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSKTIC\*ELLRRSNICCNSQSGASSSSRQESWL\*KDT\*RINSS\*GFGVALENSSVPLMCLGILVGVINLWLRFGTT\*PGWSGKKKLTITQA\*YTPYLKNRNTNKKRMNKNYWH\*TNGQVCGIGLT\*QIGCGI\*RYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRGTHHYRFRPTSQTGGDPTGPEESKKKVERETETDPGDR

>B.2013.MG196745.-

MDPVDPSLDPWKHPGSQPRTACNTCYCKHCCLHCQVCFMKKGLGISYGRKKRRQRRSAPPDSQNNQVPLSKQ\*VIHVMYSLQILAIVALVVVAIIAIVVWTIVFIEYRKILRQKRIDRLIDRIRERAEDSGNESDGDQEQLSALMVEMGHDAPWNVDDL\*Y\*STIVGHSILWGTCMEGSNHSPLLCIRC\*STWYRGT\*CLGHTCLCTHRPQPTRNNIGKYDRKF\*HVEK\*HGRTNARGYNQFMGSKPKAMCRTNSTLCHFKLH\*IKSQCHSE\*RDSRGRRRNEKLLFQYHHKHER\*TAKRIWTFL\*P\*YSTNR\*\*HL\*VEKL\*HLSY\*TSLSKGIL\*TNSHTLLCPGWFCDSKM\*\*\*NF\*WIRTMYKCQYSTMYTWN\*ASSINSPTVKWQSSRRRRYSN\*I\*EFHKQC\*NHNSTAERICSN\*LYKT\*QQYKKRYKYRTRESILYNRRNNRRYKTSTL\*R\*YSKMEQNFKSSKGKIKKAV\*\*YNNTF\*\*TLRRGPRNHNAQF\*LWRGILLL\*FNTTV\*WDLAEYDEYY\*KLKYHTPMQNKADYKHVAESRKSNVCPSHQWKYSMFIKHYRATVNKRWWHH\*\*H\*\*Q\*\*\*DLQTWRGRYEGQLEK\*II\*I\*SSKN\*TFRISTHQGKETSGAKRQKSSGNGSYVPWVLGSSRKHYGRGVNDADGTGQTIIVWYSATAKQLAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ILQ\*HLG\*YDMDAVGERN\*QLHRRNIQLTRKIAKPARKE\*ARIIGIG\*MDKFVELV\*HNKLAVVHKNIHNGSRRLNRFKNSFCCTFYSK\*S\*AGILTPVVSDPPPKPEGTRQARRNRRRRWRRRQIQIQQI

>B.2013.MG196746.-

MDPVDPSLDPWKHPGSQPRTACNTCYCKHCCLHCQVCFMKKGLGISYGRKKRRQRRSAPPDSQNNQVPLSKQ\*VIHVMYSLQILAIVALVVVAIIAIVVWTIVFIEYRKILRQKRIDRLIDRIRERAEDSGNESDGDQEQLSALMVEMGHDAPWNVDDL\*Y\*STIVGHSILWGTCMEGSNHSPLLCIRC\*STWYRGT\*CLGHTCLCTHRPQPTRNNIGKYDRKF\*HVEK\*HGRTNARGYNQFMGSKPKAMCRTNSTLCHFKLH\*IKSQCHSE\*RDSRGRRRNEKLLFQYHHKHER\*TAKRIWTFL\*P\*YSTNR\*\*HL\*VEKL\*HLSY\*TSLSKGIL\*TNSHTLLCPGWFCDSKM\*\*\*NF\*WIRTMYKCQYSTMYTWN\*ASSINSPTVKWQSSRRRRYSN\*I\*EFHKQC\*NHNSTAERICSN\*LYKT\*QQYKKRYKYRTRESILYNRRNNRRYKTSTL\*R\*YSKMEQNFKSSKGKIKKAV\*\*YNNTF\*\*TLRRGPRNHNAQF\*LWRGILLL\*FNTTV\*WDLAEYDEYY\*KLKYHTPMQNKADYKHVAESRKSNVCPSHQWKYSMFIKHYRATVNKRWWHH\*\*H\*\*Q\*\*\*DLQTWRGRYEGQLEK\*II\*I\*SSKN\*TFRNSTHQGKETSGAKRQKSSGNGSYVPWVLGSSRKHYGRGVNDTDGTGQTIIVWYSATAKQLAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ILQ\*HLG\*YDMDAVGERN\*QLHRRNIQLTRKIAKPARKE\*ARIIGIG\*MDKFVELV\*HNKLAVVHKNIHNGSRRLNRFKNSFCCTFYSK\*S\*AGILTPVVSDPPPKPEGTRQARRNRRRRWRRRQIQIQQI

>B.2013.MG196747.-

MDPVDPSLDPWKHPGSQPRTACNTCYCKHCCLHCQVCFMKKGLGISYGRKKRRQRRSAPPDSQNNQVPLSKQ\*VIHVMHSLQIFAIVALVVVAIIAIVVWTIVFIEYRKILRQKRIDRLIDRIRERAEDSGNESDGDQEQLSALMVEMGHDAPWNADDL\*Y\*STIVGHSILWGTCMEGSNHSPLLCIRC\*STWYRGT\*CLGHTCLCTHRPQPTRNNIGKYDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCRTNSTLCHFKLH\*IKSQCHSE\*RDSRGRRRNEKLLFQYHHKHER\*TAKRIWTFL\*P\*YSTNR\*\*HL\*VEKL\*HLSY\*TSLSKGIL\*TNSHTLLCPGWFCDSKM\*\*\*NF\*WIRTMYKCQYSTMYTWN\*ASSINSPTVKWQSSRRRRYSN\*I\*EFHKQC\*NHNSTAERICSN\*LYKT\*QQYKKRYKYRTRESILYNRRNNRRYKTSTL\*R\*YSKMEQNFKSSKGKIKKAV\*\*YNNTF\*\*TLRRGPRNHNAQF\*LWRGILLL\*FNTTV\*WDLAEYDEYY\*KLKYHTPMQNKADYKHVAESRKSNVCPSHQWKYSMFIKHYRATVNXRWWHH\*\*H\*\*Q\*\*\*DLQTWRGRYEGQLEK\*II\*I\*SSKN\*TFRNSTHQGKETSGAKRQKSSGNGSYVPWVLGSSRKHYGRGVNDADGTGQTIIVWYSATAKQLAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ILQ\*HLG\*YDMDAVGERN\*QLHRRNIQLTRKIAKPARKE\*ARIIGIG\*MDKFVELV\*HNKLAVVHKNIHNGSRRLNRFKNSFCCTFYSK\*S\*AGILTPVVSDPPPKPEGTRQARRNRRRRWRRRQIQIQQI

>B.2013.MG196748.-

MDPVDPSLDPWKHPGSQPRTACNTCYCKHCCLHCQVCFMKKGLGISYGRKKRRQRRSAPPDSQNNQVPLSKQ\*VIHVMYSLQILAIVALIVVAIIAIVVWTIVFIEYRKILRQKRIDRLIDRIRERAEDSGNESDGDQEQLSALMVEMGHDAPWNVDDL\*Y\*STIVGHSILWGTCMEGSNHSPLLCIRC\*STWYRGT\*CLGHTCLCTHRPQPTRNNIGKYDRKF\*HVEK\*HGRTNARGYNQFMGSKPKAMCRTNSTLCHFKLH\*IKSQCHSE\*RDSRGRRRNEKLLFQYHHKRER\*TAKRIWTFL\*P\*YSTNR\*\*HL\*VEKL\*HLSY\*TSLSKGIL\*TNSHTLLCPGWFCDSKM\*\*\*NF\*WIRTMYKCQYSTMYTWN\*ASSINSPTVKWQSSRRRRYSN\*I\*EFHKQC\*NHNSTAERICSN\*LYKT\*QQYKKRYKYRTRESILYNRRNNRRYKTSTL\*R\*YSKMEQNFKSSKGKIKKAV\*\*YNNTF\*\*TLRRGPRNHNAQF\*LWRGILLL\*FNTTV\*WDLAEYDEYY\*ELKYHTPMQNKADYKHVAESRKSNVCPSHQWKYSMFIKHYRATVNKRWWHH\*\*H\*\*Q\*\*\*DLQTWRGRYEGQLEE\*II\*I\*SSKN\*TFRNSTHQGKETSGAKRQKSSGNGSYVPWVLGSSRKHYGRGVNDADGTGQTIIVWYSATAKQLAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ILQ\*HLG\*YDMDAVGERN\*QLHRRNIQLTRKIAKPARKE\*ARIIGIG\*MDKFVELV\*HNKLAVVHKNIHNGSRRLNRFKNSFCCTFYSK\*S\*AGILTPVVSDPPPKPEGTRQARRNRRRRWRRRQIQIQQI

>B.2013.MG196749.-

MDPVDPSLDPWKHPGSQPRTACNTCYCKHCCLHCQVCFMKKGLGISYGRKKRRQRRSAPPDSQNNQVPLSKQ\*VIHVMYSLQILAIVALVVVAIIAIVVWTIVFIEYRKILRQKRIDRLIDRIRERAEDSGNESDGDHEQLSALMVEMGHDAPWNVDDL\*Y\*STIVGHSILWGTCMEGSNHSPLLCIRC\*STWYRGT\*CLGHTCLCTHRPQPTRNNIGKYDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCRTNSTLCHFKLH\*IKSQCHSE\*RDSRGRRRNEKLLFQYHHKHER\*TAKRIWTFL\*P\*YSTNR\*\*HL\*VEKL\*HLSY\*TSLSKGIL\*TNSHTLLCPGWFCDSKM\*\*\*NF\*WIRTMYKCQYSTMYTWN\*ASSINSPTVKWQSSRRRRYSN\*I\*EFHKQC\*NHNSTAERICSN\*LYKT\*QQYKKRYKYRTRESILYNRRNNRRYKTSTL\*R\*YSKMEQNFKSSKGKIKKAV\*\*YNNTF\*\*TLRRGPRNHNAQF\*LWRGILLL\*FNTTV\*WDLAEYDEYY\*KLKYHTPMQNKADYKHVAESRKSNVCPSHQWKYSMFIKHYRATVNKRWWHH\*\*H\*\*Q\*\*\*DLQTWRGRYEGXLEK\*II\*I\*SSKN\*TFRNSTHQGKETSGAKRQKSSGNGSYVPWVLGSSRKHYGRGVNDADGTGQTIIVWYSATAKQLAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ILQ\*HLG\*YDMDAVGERN\*QLHRRNIQLTRKIAKPARKG\*ARIIGIG\*MDKFVELV\*HNKLAVVHKNIHNGSRRLNRFKNSFCCTFYSK\*S\*AGILTPVVSDPPPKPEGTRQARRNRRRRWRRRQIQIQQI

>B.2013.MG196750.-

MDPVDPSLDPWKHPGSQPRTACNTCYCKHCCLHCQVCFMKKGLGISYGRKKRRQRRSAPPDSQNNQVPLSKQ\*VIHVMHSLQILAVVALVVVAIIAIVVWTIVFIEYRKILRQKRIDRLIDRIRERAEDSGNESDGDQEQLSALMVEMGHDAPWNVDDL\*Y\*STIVGHSILWGTCMEGSNHSPLLCIRC\*STWYRGT\*CLGHTCLCTHRPQPTRNNIGKYDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCRTNSTLCHFKLH\*IKSQCHSE\*RDSRGRRRNEKLLFQYHHKHER\*TAKRIWTFL\*P\*YSTNR\*\*HL\*VEKL\*HLSY\*TSLSKGIL\*TNSHTLLCPGWFCDSKM\*\*\*NF\*WIRTMYKCQYSTMYTWN\*ASSINSPTVKWQSSRRRRYSN\*I\*EFHKQC\*NHNSTAERICSN\*LYKT\*QQYKKRYKYRTRESILYNRRNNRRYKTSTL\*R\*YSKMEQNFKSSKGKIKKAV\*\*YNNTF\*\*TLRRGPRNHNAQF\*LWRGILLL\*FNTLLKT\*ISHSHAE\*SRL\*TCGRK\*EKQCMPLPSVEVFNVHQTLQGYC\*QEMVASLITLIAVMMRPSDLEGEI\*GTIGEVNYINIK\*\*KLNL\*E\*HPPGQGD\*WCKETKEQWEWELCSLGSWEQQEALWARRQ\*R\*RYRPDNYCLV\*CNSKTTC\*RLLRRNSTCCDSQSGASSSSRQESWLWKDT\*RINSSWGFGVALENSFAPLLCLGILAGVINLTMTSGII\*HGCSGREKLTITQKKYTTY\*KNRKTSKKRMSKNYWNWINGQVCGVGLT\*QTGCGT\*EYS\*W\*\*EA\*\*V\*E\*LLLYFL\*QIELGRDTHPCRFRPTTQARGDPTGPKESKEKVEKEANTDPAD\*

>B.2013.MG196751.-

MDPVDPSLDPWKHPGSQPRTACNTCYCKHCCLHCQVCFMKKGLGISYGRKKRRQRRSAPPDSQNNQVPLSKQ\*VIHVMHSLQILAVVALVVVAIIAIVVWTIVFIEYRKILRQKRIDRLIDRIRERAEDSGNESDGDQEQLSALMVEMGHDAPWNVDDL\*Y\*STIVGHSILWGTCMEGSNHSPLLCIRC\*STWYRGT\*CLGHTCLCTHRPQPTRNNIGKYDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCRTNSTLCHFKLH\*IKSQCHSE\*RDSRGRRRNEKLLFQYHHKHER\*TAKRIWTFL\*P\*YSTNR\*\*HL\*VEKL\*HLSY\*TSLSKGIL\*TNSHTLLCPXWFCDSKM\*\*\*NF\*WIRTMYKCQYSTMYTWN\*ASSINSPTVKWQSSRRRRYSN\*I\*EFHKQC\*NHNSTAERICSN\*LYKT\*QQYKKRYKYRTRESILYNRRNNRRYKTSTL\*R\*YSKMEQNFKSSKGKIKKAV\*\*YNNTF\*\*TLRRGPRNHNAQF\*LWRGILLL\*FNTTV\*WDLAEYDEYY\*KLKYHTPMQNKADYKHVAESRKSNVCPSHQWKYSMFIKHYRATVNKRWWHH\*\*H\*\*Q\*\*\*DLQTWRGRYEGQLEK\*II\*I\*SSKN\*TFRNSTHQGKETSGAKRQKSSGNGSYVPWVLGSSRKHYGRGVNDADGTGQTIIVWYSATAKQLAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ILQ\*HLG\*YDMDAVGERN\*QLHRRNIQLTRKIAKPARKE\*ARIIGIG\*MDKFVELV\*HNKLAVVHKNIHNGSRRLNRFKNSFCCTFYSK\*S\*AGILTPVVSDPPPKPEGTRQARRNRRRRWRRRQIQIQQI

>B.2013.MG196752.-

MDPVDPSLDPWKHPGSQPRTACNTCYCKHCCLHCQVCFMKKGLGISYGRKKRRQRRSAPPDSQNNQVPLSKQ\*VIHVMHSLQIFAIVALVVVAIIAIVVWTIVFIEYRKILRQKRIDRLIDRIRERAEDSGNESDGDQXQLSALMVEMGHDAPWNVDDL\*Y\*STIVGHSILWGTCMEGSNHSPLLCIRC\*STWYRGT\*CLGHTCLCTHRPQPTRNNIGKYDRKF\*HVEK\*HGRTNARGYNQFMGSKPKAMCRTNSTLCHFKLH\*IKSQCHSE\*RDSRGRRRNEKLLFQYHHKHER\*TAKRIWTFL\*P\*YSTNR\*\*HL\*VEKL\*HLSY\*TSLSKGIL\*TNSHTLLCPGWFCDSKM\*\*\*NF\*WIRTMYKCQYSTMYTWN\*ASSINSPTVKWQSSRRRRYSN\*I\*EFHKQC\*NHNSTAERICSN\*LYKT\*QQYKKRYKYRTRESILYNRRNNRRYKTSTL\*R\*YSKMEQNFKSSKGKIKKAV\*\*YNNTF\*\*TLRRGPRNHNAQF\*LWRGILLL\*FNTTV\*WDLAEYDEYY\*KLKYHTPMQNKADYKHVAESRKSNVCPSHQWKYSMFIKHYRATVNKRWWHH\*\*H\*\*Q\*\*\*DLQTWRGRYEGQLEK\*II\*I\*SSKN\*TFRNSTHQGKETSGAKRQKSSGNGSYVPWVLGSSRKHYGRGVNDADGTGQTIIVWYSATAKQLAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ILQ\*HLG\*YDMDAVGERN\*QLHRRNIQLTRKIAKPARKE\*ARIIGIG\*MDKFVELV\*HNKLAVVHKNIHNGSRRLNRFKNSFCCTFYSK\*S\*AGILTPVVSDPPPKPEGTRQARRNRKRRWRRRQIQIQQI

>B.2013.MG196753.-

MDPVDPSLDPWKHPGSQPRTACNTCYCKHCCLHCQVCFMKKGLGISYGRKKRRQRRSAPPDSQNNQVPLSKQ\*VIHVMHSLQILAIVALVVVAIIAIVVWTIVFIEYRKILRQRRIDRLIDRIRERAEDSGNESDGDQEQLSALMVEMGHDAPWNVDDL\*Y\*STIVGHSILWGTCMEGSNHSPLLCIRC\*STWYRGT\*CLGHTCLCTHRPQPTRNNIGKYDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCRTNSTLCHFKLH\*IKSQCHSE\*RDSRGRRRNEKLLFQYHHKHER\*TAKRIWTFL\*P\*YSTNR\*\*HL\*VEKL\*HLSY\*TSLSKGIL\*TNSHTLLCPGWFCDSKM\*\*\*NF\*WIRTMYKCQYSTMYTWN\*ASSINSPTVKWQSSRRRRYSN\*I\*EFHKQC\*NHNSTAERICSN\*LYKT\*QQYKKRYKYRTRESILYNRRNNRRYKTSTL\*R\*YSKMEQNFKSSKGKIKKAV\*\*YNNTF\*\*TLRRGPRNHNAQF\*LWRGILLL\*FNTTV\*WDLAEYDEYY\*KLKYHTPMQNKADYKHVAESRKSNVCPSHQWKYSMFIKHYRATVNKRWWHH\*\*H\*\*Q\*\*\*DLQTWRGRYEGQLEK\*II\*I\*SSKN\*TFRNSTHQGKETSGAERQKSSGNGSYVPWVLGSSRKHYGRGVNDADGTGQTIIVWYSATAKQLAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ILQ\*HLG\*YDMDAVGERN\*QLHRRNIQLTRKIAKPARKE\*ARIIGIG\*MDKFVELV\*HNKLAVVHKNIHNGSRRLNRFKNSFCCTFYSK\*S\*AGILTPVVSDPPPKPEGTRQARRNRRRRWRRRQIQIQQI

>B.2013.MG196754.-

MDPVDPSLDPWKHPGSQPRTACNTCYCKHCCLHCQVCFMKKGLGISYGRKKRRQRRSAPPDSQNNQVPLSKQ\*VIHVMYSLQILAIVALVVVAIIAIVVWTIVFIEYRKILRQKRIDRLIDRIRERAEDSGNESDGDQEQLSALMVEMGHDAPWNVDDL\*Y\*STIVGHSILWGTCMEGSNHSPLLCIRC\*STWYRGT\*CLGHTCLCTHRPQPTRNNIGKYDRKF\*HVEK\*HGRTNARGYNQFMGSKPKAMCRTNSTLCHFKLH\*IKSQCHSE\*RDSRGRRRNEKLLFQYHHKHER\*TAKRIWTFL\*P\*YSTNR\*\*HL\*VEKL\*HLSY\*TSLSKGIL\*TNSHTLLCPGWFCDSKM\*\*\*NF\*WIRTMYKCQYSTMYTWN\*ASSINSPTVKWQSSRRRRYSN\*I\*EFHKQC\*NHNSTAERICSN\*LYKT\*QQYKKRYKYRTRESILYNRRNNRRYKTSTL\*R\*YSKMEQNFKSSKGKIKKAV\*\*YNNTF\*\*TLRRGPRNHNAQF\*LWRGILLL\*FNTTV\*WDLAEYDEYY\*KLKYHTPMQNKADYKHVAESRKSNVCPSHQWKYSMFIKHYRATVNKRWWHH\*\*H\*\*Q\*\*\*DLQTWRGRYEGQLEK\*II\*I\*SSKN\*TSRISTHQGKETSGAKRQKSSGNGSYVPWVLGSSRKHYGRGVNDADGTGQTIIVWYSATAKQLAEGY\*GATAPVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ILQ\*HLG\*YDMDAVGERN\*QLHRRNIQLTRKIAKPARKE\*ARIIGIG\*MDKFVELV\*HNKLAVVHKNIHNGSRRLNRFKNSFCCTFYSK\*S\*AGILTPVVSDPPPKPEGTRQARRNRRRRWRRRQIQIQQI

>B.2011.MG196755.-

MEPIDPNLEPWKHPGSQPKTACTPCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRGPPQDSQTHQTHLSKQ\*VLNVMQSLVILAIVALVVAAIIAIVVWSIVIIEYRKILRQRKIDRVLERIAERAEDSGNESDGDQEELSALGVEMGHHAPWDVDDL\*C\*RTTVGHSLLWGTCVERSNHHSILCIRC\*II\*YRGT\*CLGHTCLCTH\*PQPTRNGIEKCNRKF\*HVEKQHGRTDA\*RYNQFMGSKPKAMCKINPTLCYSKLQ\*C\*Y\*D\*\*CK\*YCQ\*CYCWY\*QY\*Q\*\*\*SGNRYERRNTKLHFQYHHKHKR\*GKEGICNV\*\*T\*YSTNK\*\*EK\*YQV\*VGKL\*HLSHYTSLSKDIL\*TNSNTLLCPSWFCDSKM\*\*\*NIQWNRTLCKC\*HSTMYTWN\*ASSVNSTTVKWQPSRKRDSN\*I\*EFHKQC\*NHNSTAE\*NCKN\*LHKTQQQYKKKYTYRTRESILWNRYNRRYKTSTL\*H\*WYKME\*HFRKGS\*KIKRTIWE\*NNSL\*SILRRGPRNCTAQF\*LWRGIFLL\*FNKTI\*\*YLV\*\*WYLAW\*\*KVK\*HYHSPMQDKTNYKHVAGSRKSNVCPSYPRTN\*LLIKHYRAAINKRWR\*\*K\*PIRNLQTWRRRYERQLEK\*II\*I\*SSKN\*TIRNSTHQGKKKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPEGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ITGGHLG\*HDLDAVGQRN\*QLHKINILLD\*TIADPTRTE\*TRFIETGFLGKSVELV\*HIKLAVVYKNIHNDSRRLDRVKNSFCCTFYSE\*S\*AGLLTIIVADPPPSSSPGTTRQARRNRRRRWRERQRHIQTI

>B.2011.MG196756.-

MEPIDPNLEPWKHPGSQPKTACTPCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRGPPQDSQTHQTHLSKQ\*VLNVMQSLVILAIVALVVAAIIAIVVWSIVIIEYRKILRQRKIDRVLERIAERAEDSGNESDGDQEELSALVVEMGHHAPWDVDDL\*C\*RTTVGHSLLWGTCVERSNHHSILCIRC\*II\*YRGT\*CLGHTCLCTH\*PQPTRNGIEKCNRKF\*HVEKQHGRTDA\*RYNQFMGSKPKAMCKINPTLCYSKLQ\*C\*Y\*D\*\*CK\*YCQ\*CYCWY\*QY\*Q\*\*\*SGNRYERRNTKLHFQYHHKHKR\*GKEGICNV\*\*T\*YSTNT\*\*EK\*YQV\*VGKL\*HLSHYTSLSKDIL\*TNSNTLLCPSWFCDSKM\*\*\*NIQWNRTLCKC\*HSTMYTWN\*ASSVNSTTVKWQPSRKRDSN\*I\*EFHKQC\*NHNSTAE\*NCKN\*LHKTQQQYKKKYTYRTRESILWNRYNRRYKTSTL\*H\*WYKME\*HFRKGS\*KIKRTIWE\*NNSL\*SILRRGPRNCTAQF\*LWRGIFLL\*FNKTI\*\*YLV\*\*WYLAW\*\*KVK\*HYHSPMQDKTNYKHVAGSRKSNVCPSYPRTN\*LLIKHYRAAINKRWR\*\*K\*PIRNLQTWRRRYERQLEK\*II\*I\*SSEN\*TIRNSTHQDKKKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ITGGHLG\*HDLDAVGQRN\*QLHKINILLD\*TIADPTRTE\*TRFIETGFLGKSVELV\*HIKLAVVYKNIHNDSRRLDRVKNSFCCTFYSE\*S\*AGLLTIIVADPPPSSSPGTTRQARRNRRRRWRERQRHIQTI

>B.2011.MG196757.-

MEPIDPNLEPWKHPGSQPKTACTPCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRGPPQDSQTHQTHLSKQ\*VLNVMQSLVILAIVALVVAAIXAIVVWSIVIIEYRKILRQRKIDRVLERIAERAEDSGNESDGDQEELSALGVEMGHHAPWDVDDL\*C\*RTTVGHSLLWGTCVERSNHHSILCIRC\*II\*YRGT\*CLGHTCLCTH\*PQPTRNGIEKCNRKF\*HVEKQHGRTDA\*RYNQFMGSKPKAMCKINPTLCYSKLQ\*C\*Y\*D\*\*CK\*YCQ\*CYCWY\*QY\*Q\*\*\*SGNRYERRNTKLHFQYHHKHKR\*GKEGICNV\*\*T\*YSTNK\*\*GK\*YQV\*VGKL\*HLSHYTSLSKDIL\*TNSNTLLCPSWFCDSKM\*\*\*NIQWNRTLCKC\*HSTMYTWN\*ASSVNSTTVKWQPSRKRDSN\*I\*EFHKQC\*NHNSTAE\*NCKN\*LHKTQQQYKKKYTYRTRESILWNRYNRRYKTSTL\*H\*WYKME\*HFRKGS\*KIKRTIWE\*NNSL\*SILRRGPRNCTAQF\*LWRGIFLL\*FNKTI\*\*YLV\*\*WYLAW\*\*KVK\*HYHSPMQDKTNYKHVAGSRKSNVCPSYPRTN\*LLIKHYRAAINKRWR\*\*K\*PIRNLQTWRRRYERQLEK\*II\*I\*SSEN\*TIRNSTHQGKKKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ITGGHLG\*HDLDAVGQRN\*QLHKINILLD\*TIADPTRTE\*TRFIETGFLGKSVELV\*HIKLAVVYKNIHNDSRRLDRVKNSFCCTFYSE\*S\*AGLLTIIVADPPPSSSPGTTRQARRNRRRRWRERQRHIQTI

>B.2011.MG196758.-

MEPIDPNLEPWKHPGSQPKTACTPCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRGPPQDSQTHQTHLSKQ\*SIKCDAIPSDISNSSLSSSSNNSNSCVVHSNHRI\*EDIKTKKNRQGT\*KNSRKSRRQWQRE\*WGSGGIISTGGGNGAPCSLGC\*\*SVVLKNNCGSQSIMGYLCGKKQPPLYFVHQMLNHMIQRHIMFGPHMPVYPLTPTHKKWN\*KM\*QKILTCGKTTW\*NRCMKI\*SVYGIKA\*SHV\*N\*PHSVLL\*IAVMLILRLIMQIILPVMLLLVLTVRTVIVVRK\*I\*EKKYETALSISPQT\*EIR\*RRNMQCLIDLI\*YQ\*IMREIIPGLGW\*VVTPQSLHKPVQRYPLNQFQYIIVPQLVLRF\*NVIIKHSVEQDPVQMLAQYNVHMELGQ\*CQLNYC\*MAA\*QKKR\*\*LDLRISQTMLKP\*\*YS\*MKL\*KLIAQDPTTIQEEVYI\*DQGEHFMEQI\*\*EI\*DKHIVTLVVQNGIAL\*ER\*LKN\*EDNLGIKQ\*SLINPQEGTQKLHCTVLIVEGNFSIVI\*QNYLVVPGIIMVLGMVMKS\*MTLSLSHAG\*NKL\*TCGRK\*EKQCMPLLSKDKLIAHQTLQGCY\*QEMEVIKITNPKSSDLEEEI\*ETIGEVNYINIK\*\*KLNH\*E\*HPPRQKEEWCREKKEQWDXELCSLGSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRTIC\*RLLRRNSICCNSQSGASSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCLGILVGVINHRRPFGIT\*PGCSGTEKLTITQN\*YTP\*LNNRRPNKNRMN\*IY\*NWIPGQVCGIGLTYQIGCGI\*KYS\*\*\*\*EA\*\*G\*E\*FLLYFL\*\*IELGRVTHHYRCRSTPQQLPGNDPAGPKEQKKKVERETETHPDH\*

>B.2011.MG196759.-

MEPIDPNLEPWKHPGSQPKTACTPCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRGPPQDSQTHQTHLSKQ\*VLNVMQSLVILAIVALVVAAIIAIVVWSIVIIEYRKILRQRKIDRVLERIAERAEDSGNESDGDQEELSALGVEMGHHAPWDVDDL\*C\*RTTVGHSLLWGTCVERSNHHSILCIRC\*II\*YRGT\*CLGHTCLCTH\*PQPTRNGIEKCNRKF\*HVEKQHGRTDA\*RYNQFMGSKPKAMCKINPTLCYSKLQ\*C\*Y\*D\*\*CK\*YCQ\*CYCWY\*QY\*Q\*\*\*SGNRYERRNTKLHFQYHHKHKR\*GKEGICNV\*\*T\*YSTNK\*\*EK\*YQV\*VGKL\*HLSHYTSLSKDIL\*TNSNTLLCPSWFCDSKM\*\*\*NIQWNRTLCKC\*HSTMYTWN\*ASSVNSTTVKWQPSRKRDSN\*I\*EFHKQC\*NHNSTAE\*NCKN\*LHKTQQQYKKKYTYRTRESILWNRYNRRYKTSTL\*H\*WYKME\*HFRKGS\*KIKRTIWE\*NNSL\*SILRRGPRNCTAQF\*LWRGIFLL\*FNKTI\*\*YLV\*\*WYLAW\*\*KVK\*HYHSPMQDKTNYKHVAGSRKSNVCPSYPRTN\*LLIKHYRAAINKRWR\*\*K\*PIRNLQTWRRRYERQLEK\*II\*I\*SSEN\*TIRNSTHQGKKKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ITGGHLG\*HDLDAVGQRN\*QLHKINILLD\*TIADPTRTE\*TRFIETGFLGKSVELV\*HIKLAVVYKNIHNDSRRLDRVKNSFCCTFYSE\*S\*AGLLTIIVADPPPSSSPGTTRQARRNRRRRWRERQRHIQTI

>B.2011.MG196760.-

MEPIDPNLEPWKHPGSQPKTACTPCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRGPPQDSQTHQTHLSKQ\*VLNVMQSLVILAIVALVVAAIIAIVVWSIVIIEYRKILRQRKIDRVLERIAERAEDSGNESDGDQEELSALGVEMGHHAPWDVDDL\*C\*RTTVGHSLLWGTCVERSNHHSILCIRC\*II\*YRGT\*CLGHTCLCTH\*PQPTRNGIEKCNRKF\*HVEKQHGRTDA\*RYNQFMGSKPKAMCKINPTLCYSKLQ\*C\*Y\*D\*\*CK\*YCQ\*CYCWY\*QY\*Q\*\*\*SGNRYERRNTKLHFQYHHKHKR\*GKEGICNV\*\*T\*YSTNK\*\*EK\*YQV\*VGKL\*HLSHYTSLSKDIL\*TNSNTLLCPSWFCDSKM\*\*\*NIQWNRTLCKC\*HSTMYTWN\*ASSVNSTTVKWQPSRKRDSN\*I\*EFHKQC\*NHNSTAE\*NCKN\*LHKTQQQYKKKYTYRTRESILWNRYNRRYKTSTL\*H\*WYKME\*HFRKGS\*KIKRTIWE\*NNSL\*SILRRGPRNCTAQF\*LWRGIFLL\*FNKTI\*\*YLV\*\*WYLAW\*\*KVK\*HYHSPMQDKTNYKHVAGSRKSNVCPSYPRTN\*LLIKHYRAAINKRWR\*\*K\*PIRNLQTWRRRYERQLEK\*II\*I\*SSEN\*XIRNSTHQGKKKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ITGGHLG\*HDLDAVGQRN\*QLHKINILLD\*TIADPTRTE\*TRFIETGFLGKSVELV\*HIKLAVVYKNIHNDSRRLDRVKNSFCCTFYSE\*S\*AGLLTIIVADPPPSSSPGTTQQARRNRRRRWRERQRHIQTI

>B.2011.MG196761.-

MEPIDPNLEPWKHPGSQPKTACTPCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRGPPQDSQTHQTHLSKQ\*VLNVMQSLVILAIVALVVAAIIAIVVWSIVIIEYRKILRQRKIDRVLERIAERAEDSGNESDGDQEELSALVVEMGHHAPWDVDDL\*C\*RTTVGHSLLWGTCVERSNHHSILCIRC\*II\*YRGT\*CLGHTCLCTH\*PQPTRNGIEKCNRKF\*HVEKQHGRTDA\*RYNQFMGSKPKAMCKINPTLCYSKLQ\*C\*Y\*D\*\*CK\*YCQ\*CYCWY\*QY\*Q\*\*\*SGNRYERRNTKLHFQYHHKHKR\*GREGICNV\*\*T\*YSTNK\*\*EK\*YQV\*VGKL\*HLSHYTSLSKDIL\*TNSNTLLCPSWFCDSKM\*\*\*NIQWNRTLCKC\*HSTMYTWN\*ASSVNSTTVKWQPSRKRDSN\*I\*EFHKQC\*NHNSTAE\*NCKN\*LHKTQQQYKKKYTYRTRESILWNRYNRRYKTSTL\*H\*WYKME\*HFRKGS\*KIKRTIWE\*NNSL\*SILRRGPRNCTAQF\*LWRGIFLL\*FNKTI\*\*YLV\*\*WYLAW\*\*KVK\*HYHSPMQDKTNYKHVAGSRKSNVCPPYPRTN\*LLIKHYRAVINKRWR\*\*K\*PIRNLQTWRRRYERQLEK\*II\*I\*SSEN\*TIRNSTHQGKKKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAKGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ITGGHLG\*HDLDAVGQRN\*QLHKINILLD\*TIADPTRTE\*TRFIETGFLGKSVELV\*HIKLAVVYKNIHNDSRRLDRVKNSFCCTFYSE\*S\*AGLLTIIVADPPPSSSPGTTRQARRNRRRRWRERQRHIQTI

>B.2011.MG196762.-

MEPIDPNLEPWKHPGSQPKTACTPCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRGPPQDSQTHQTHLSKQ\*VLNVMQSLVILAIVALVVAAIIAIVVWSIVIIEYRKILRQRKIDRVLERIAERAEDSGNESDGDQEELSALGVEMGHHAPWDVDDL\*C\*RTTVGHSLLWGTCVERSNHHSILCIRC\*II\*YRGT\*CLGHTCLCTH\*PQPTRNGIEKCNRKF\*HVEKQHGRTDA\*RYNQFMGSKPKAMCKINPTLCYSKLQ\*C\*Y\*D\*\*CK\*YCQ\*CYCWY\*QY\*Q\*\*\*SGNRYERRNTKLHFQYHHKHKR\*GKEGICNV\*\*T\*YSTNR\*\*EK\*YQV\*VSKL\*HLSHYTSLSKDIL\*TNSNTLLCPSWFCDSKM\*\*\*NIQWNRTLCKC\*HSTMYTWN\*ASSVNSTTVKWQPSRKRDSN\*I\*EFHKQC\*NHNSTAE\*NCKN\*LHKTQQQYKKKYTYRTRESILWNRYNRRYKTSTL\*H\*WYKME\*HFRKGS\*KIKRTIWE\*NNSL\*SILRRGPRNCTAQF\*LWRGIFLL\*FNKTI\*\*YLV\*\*WYLAW\*\*KVK\*HYHSPMQDKTNYKHVAGSRKSNVCPSYPRTN\*LLIKHYRAAINKRWR\*\*K\*PIRNLQTWRRRYERQLEK\*II\*I\*SSEN\*TIRNSTHQGKKKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ITGGHLG\*HDLDAVGQRN\*QLHKINILLD\*TIADPTRTE\*TRFIETGFLGKSVELV\*HIKLAVVYKNIHNDSRRLDRVKNSFCCTFYSE\*S\*AGLLTIIVADPPPSSSPGTTRQARRNRRRRWRERQRHIQTI

>B.2011.MG196763.-

MEPIDPNLEPWKHPGSQPKTACTPCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRGPPQDSQTHQTHLSKQ\*VLNVMQSLVILAIVALVVAAIIAIVVWSIVIIEYRKILRQRKIDRVLERIAERAEDSGNESDGDQEELSALGVEMGHHAPWDVDDL\*C\*RTTVGHSLLWGTCVERSNHHSILCIRC\*II\*YRGT\*CLGHTCLCTH\*PQPTRNGIEKCNRKF\*HVEKQHGRTDA\*RYNQFMGSKPKAMCKINPTLCYSKLQ\*C\*Y\*D\*\*CK\*YCQ\*CYCWY\*QY\*Q\*\*\*SGNRYERRNTKLHFQYHHKHKR\*GKEGICNV\*\*T\*YSTNK\*\*EK\*YQV\*VGKL\*HLSHYTSLSKDIL\*TNSNTLLCPSWFCDSKM\*\*\*NIQWNRTLCKC\*HSTMYTWN\*ASSVNSTTVKWXPSRKRDSN\*I\*EFHKQC\*NHNSTAE\*NCKN\*LHKTQQQYKKKYTYRTRESILWNRYNRRYKTSTL\*H\*WYKME\*HLRKGS\*KIKRTIWE\*NNSL\*SILRRGPRNCTAQF\*LWRGIFLL\*FNKTI\*\*YLV\*\*WYLAW\*\*KVK\*HYHSPMQDKTNYKHVAGSRKSNVCPSYPRTN\*LLIKHYRAAINKRWR\*\*K\*PIRNLQTWRRRYERQLEK\*II\*I\*SSEN\*TIRNSTHQGKKKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ITGGHLG\*HDLDAVGQRN\*QLHKINILLD\*TIADPTRTE\*TRFIETGFLGKSVELV\*HIKLAVVYKNIHNDSRRLDRVKNSFCCTFYSE\*S\*AGLLTIIVADPPPSSSPGTTRQARRNRRRRWRERQRHIQTI

>B.2011.MG196764.-

MEPIDPNLEPWKHPGSQPKTACTPCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRGPPQDSQTHQTHLSKQ\*VLNVMQSLVILAIVALVVAAIIAIVVWSIVIIEYRKILRQRKIDRVLERIAERAEDSGNESDGDQEELSALGVEMGHHAPWDVDDL\*C\*RTTVGHSLLWGTCVERSNHHSILCIRC\*II\*YRGT\*CLGHTCLCTH\*PQPTRNGIEKCNRKF\*HVEKQHGRTDA\*RYNQFMGSKPKAMCKINPTLCYSKLQ\*C\*Y\*D\*\*CK\*YCQ\*CYCWY\*QY\*Q\*\*\*SGNRYERRNTKLHFQYHHKHKR\*GKEGICNV\*\*T\*YSTNK\*\*ER\*YQV\*VGKL\*HLSHYTSLSKDIL\*TNSNTLLCPSWFCDSKM\*\*\*NIQWNRTLCKC\*HSTMYTWN\*ASSVNSTTVKWQPSRKRDSN\*I\*EFHKQC\*NHNSTAE\*NCKN\*LHKTQQQYKKKYTYRTRESILWNRYNRRYKTSTL\*H\*WYKME\*HFRKGS\*KIKRTIWE\*NNSL\*SILRRGPRNCTAQF\*LWRGIFLL\*FNKTI\*\*YLV\*\*WYLAW\*\*KVK\*HYHSPMQDKTNYKHVAGSRKSNVCPSYPRTN\*LLIKHYRAAINKRWR\*\*K\*PIRNLQTWRRRYERQLEK\*II\*I\*SSEN\*TIRNSTHQGKKKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVSNADGTGQTIIVWYSATAEQFAEGY\*SATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCALEY\*LE\*\*ITGGHLG\*HDLDAVGQRN\*QLHKINILLD\*TIADPTRTE\*TRFIETGFLGKSVELV\*HIKLAVVYKNIHNDSRRLDRVKNSFCCTFYSE\*S\*AGLLTIIVADPPPSSSPGTTRQARRNRRRRWRERQRHIQTI

>B.2012.MG196765.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRSAPQHSPDNQVPLSEQ\*VIHVMQSLVILAIAALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLVEMGHDAPWDVNDL\*CWGKIVGHSLLWGTCVERNNHHSILCIRC\*SI\*HRGT\*CLGYTCLCTHRPQPTRSNIGKCDRRV\*YVEK\*HGRTDA\*RYNQFMGSKPKTMCKINPTLYHFKLH\*F\*R\*\*YQE\*CWY\*\*\*Y\*\*VGRRNEKLLFQCHHRHRR\*EEDRICTLLYS\*YNTNR\*YKLYVEKL\*HLSHFTGLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*TIQWIRTM\*KCQHSTMYTWN\*ASSVNSTAV\*WQSGRRRGND\*I\*KFHGQC\*NHNSTAEWICSI\*LHKTQQ\*HKKKYTYRTGKSILCNRGHNRRHKTSTL\*P\*\*SKME\*HFKNDSFKTKRTI\*K\*NNNL\*FLLRRGPRNCNVHL\*LWRGIFLL\*YNTVI\*\*YLAX\*WYWE\*YYRQYHTPMQNKTNYK\*VAGSRKSNVCPSHQRRDQL\*FKYYRAIINKRWW\*ARKRRREHQ\*DLQTWRRKYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKEKSGARRKKSSGNIWSSVPWVLECSGKHYGRSVNDADGTGQTIIVRYSATAEQLAESY\*GATAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IYGGYLE\*YDLDAVGERN\*QLHRLNIQLN\*RIAEPTRKE\*ARFIGIG\*VGQLVELV\*HNKMAVVHKNIYYDSRRFNRFKNNFCCTFCSKKS\*AGILTVIVTDPPPKPEGTRQARRNRRRRWRQRQRQLQTI

>B.2012.MG196766.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRSAPQHSPDNQVPLSEQ\*VIHVMQSLVILAIAALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLVEMGHDAPWDVNDL\*CWGKIVGHSLLWGTCVERNNHHSILCIRC\*SI\*HRGT\*CLGYTCLCTHRPQPTRSNIGKCDRRV\*YVEK\*HGRTDA\*RYNQFMGSKPKTMCKINPTLYHFKLH\*F\*R\*\*YQE\*CWY\*\*\*Y\*\*VGRRNEKLLFQCHHRHRR\*EEDRICTLLYS\*YNTNR\*YKLYVEKL\*HLSHFTGLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*TIQWIRTM\*KCQHSTMYTWN\*ASSVNSTAV\*WQSGRRRGND\*I\*KFHGQC\*NHNSTAEWICSI\*LHKTQQ\*HKKKYTYRTGKSILCNRGHNRRHKTSTL\*P\*\*SKME\*HFKNDSFKTKRTI\*K\*NNNL\*FLLRRGPRNCNVHL\*LWRGIFLL\*YNTVI\*\*YLAG\*WYWE\*YYRQYHTPMQNKTNYK\*VAGSRKSNVCPSHQRRDQL\*FKYYRAIINKRWW\*ARKRRREHQ\*DLQTWRRKYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKEKSGARRKKSSGNIWSSVPWVLECSGKNYGRSVNDADGTGQTIIVRYSATAEQLAESY\*GATAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IYGGYLE\*YDLDAVGERN\*QLHRLNIQLN\*RIAEPTRKE\*ARFIGIG\*VGQLVELV\*HNKMAVVHKNIYYDSRRFNRFKNNFCCTFCSKKS\*AGILTVIVTDPPPKPEGTRQTRRNRRRRWRQRQRQLQTI

>B.2012.MG196767.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRSAPQHSPDNQVPLSEQ\*VIHVMQSLVILAIAALVVVAIIAIVVWTIVLIEYRKILRQXKIDRLIDRIRERAEDSGNESEGDQDELATLVEMGHDAPWDVNDL\*CWGKIVGHSLLWGTCVERNNHHSILCIRC\*SI\*HRGT\*CLGYTCLCTHRPQPTRSNIGKCXRRV\*YVEK\*HGRTDA\*RYNQFMGSKPKTMCKINPTLYHFKLH\*F\*R\*\*YQE\*CWY\*\*\*Y\*\*VGRRNEKLLFQCHHRHRR\*EEDRICTLLYS\*YNTNR\*YKLYVEKL\*HLSHFTGLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*TIQWIRTM\*KCQHSTMYTWN\*ASSVNSTAV\*WQSGRRRGND\*I\*KFHGQC\*NHNSTAEWICSI\*LHKTQQ\*HKKKYTYRTGKSILCNRGHNRRHKTSTL\*P\*\*SKME\*HFKNDSFKTKRTI\*K\*NNNL\*FLLRRGPRNCNVHL\*LWRGIFLL\*YNTVI\*\*YLAG\*WYWE\*YYRQYHTPMQNKTNYK\*VAGSRKSNVCPSHQRRDQL\*FKYYRAIINKRWW\*ARKRRREHQ\*DLQTWRRKYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKEKSGARRKKSSGNIWSSVPWVLECSGKHYGRSVNDADGTGQTIIVRYSATAEQLAESY\*GATAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IYGGYLE\*YDLDAVGERN\*QLHRLNIQLN\*RIAEPTRKE\*ARFIGIG\*VGQLVELV\*HNKMAVVHKNIYYDSRRFNRFKNNFLLYFL\*\*EELGRDTHRYRYRPSSQTRGDQTGQKESKKKVETEAETATDH\*

>B.2012.MG196768.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRSAPQHSPDNQVPLSEQ\*VIHVMQSLVILAIAALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLVEMGHDAPWDVNDL\*CWGKIVGHSLLWGTCVERNNHHSILCIRC\*SI\*HRGT\*CLGYTCLCTHRPQPTRSNIGKCDRRV\*YVEK\*HGRTDA\*RYNQFMGSKPKTMCKINPTLYHFKLH\*F\*R\*\*YQE\*CWY\*\*\*Y\*\*VGRRNEKLLFQCHHRHRR\*EEDRICTLLYS\*YNTNR\*YKLYVEKL\*HLSHFTGLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*TIQWIRTM\*KCQHSTMYTWN\*ASSVNSTAV\*WQSGRRRGND\*I\*KFHGQC\*NHNSTAEWICSI\*LHKTQQ\*HKKKYTYRTGKSILCNRGHNRRHKTSTL\*P\*\*SKME\*HFKNDSFKTKRTI\*K\*NNNL\*FLLRRGPRNCNVHL\*LWRGIFLL\*YNTVI\*\*YLAG\*WYWE\*YYRQYHTPMQNKTNYK\*VAGSRKSNVCPSHQRRDQL\*FKYYRAIINKRWW\*ARKRRREHQ\*DLQTWRRKYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKEKSGARRKKSSGNIWSSVPWVLECSGKHYGRSVNDADGTGQTIIVRYSATAEQLAESY\*GATAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IYGGYLE\*YDLDAVGERN\*QLHRLNIQLN\*RIAEPTRKE\*ARFIGIG\*VGQLVELV\*HNKMAVVHKNIYYDSRRFNRFKNNFCCTFCSKKS\*AGILTVIVTDPPPKPEGTRQARRNRRRRWRQRQRQLQTI

>B.2012.MG196769.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRSAPQHSPDNQVPLSEQ\*VIHVMQSLVILAIAALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLVEMGHDAPWNVNDL\*CWGKIVGHSLLWGTCVERNNHHSILCIRC\*SI\*HRGT\*CLGYTCLCTHRPQPTRSNIGKCDRRV\*YVEK\*HGRTDA\*RYNQFMGSKPKTMCKINPTLYHFKLH\*F\*R\*\*YQE\*CWY\*\*\*Y\*\*VGRRNEKLLFQCHHRHRR\*EEDRICTLLYS\*YNTNR\*YKLYVEKL\*HLSHFTGLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*TIQWIRTM\*KCQHSTMYTWN\*ASSVNSTAV\*WQSGRRRGND\*I\*KFHGQC\*NHNSTAEWICSI\*LHKTQQ\*HKKKYTYRTGKSILCNRGHNRRHKTSTL\*P\*\*SKME\*HFKNDSFKTKRTI\*K\*NNNL\*FLLRRGPRNCNVHL\*LWRGIFLL\*YNTVI\*\*YLAG\*WYWE\*YYRQYHTPMQNKTNYK\*VAGSRKSNVCPSHQRRDQL\*FKYYRAIINKRWW\*ARKRRREHQ\*DLQTWRRKYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKEKSGARRKKSSGNIWSSVPWVLECSRKHYGRSVNDADGTGQTIIVRYSATAEQLAESY\*GATAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IYGGYLE\*YDLDAVGERN\*QLHRLNIQLN\*RIAEPTRKE\*ARFIGIG\*VGQLVELV\*HNKMAVVHKNXYYDSRRFNRFKNNFCCTFCSKKS\*AGILTVIVTDPPPKPEGTRQARRNRRRRWRQRQRQLQTI

>B.2012.MG196770.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRSAPQHSPDNQVPLSEQ\*VIHVMQSLVILAIAALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLVEMGHDAPWDVNDL\*CWGKIVGHSLLWGTCVERNNHHSILCIRC\*SI\*HRGT\*CLGYTCLCTHRPQPTRSNIGKCDRRV\*YVEK\*HGRTDA\*RYNQFMGSKPKTMCKINPTLYHFKLH\*F\*R\*\*YQE\*CWY\*\*\*Y\*\*VGRRNEKLLFQCHHRHRR\*EEDRICTLLYS\*YNTNR\*YKLYVEKL\*HLSHFTGLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*TIQWIRTM\*KCQHSTMYTWN\*ASSVNSTAV\*WQSGRRRGND\*I\*KFHGQC\*NHNSTAEWICSI\*LHKTQQ\*HKKKYTYRTGKSILCNRGHNRRHKXSTL\*P\*\*SKME\*HFKNDSFKTKRTI\*K\*NNNL\*FLLRRGPRNCNVHL\*LWRGIFLL\*YNTVI\*\*YLAG\*WYWE\*YYRQYHTPMQNKTNYK\*VAGSRKSNVCPSHQRRDQL\*FKYYRAIINKRWW\*ARKRRREHQ\*DLQTWRRKYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKEKSGARRKKSSGNIWSSVPWVLECSGKHYGRSVNDADGTGQTIIVRYSATAEQLAESY\*GATAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IYGGYLE\*YDLDAVGERN\*QLHRLNIQLN\*RIAEPTRKE\*ARFIGIG\*VGQLVELV\*HNKMAVVHKNIYYDSRRFNRFKNNFCCTFCSKKS\*AGILTVIVTDPPPKPEGTRQARRNRRRRWRQRQRQLQTI

>B.2012.MG196771.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRSAPQHSPDNQVPLSEQ\*VIHVMQSLVILAIAALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLVEMGHDAPWDVNDL\*CWGKIVGHSLLWGTCVERNNHHSILCIRC\*SI\*HRGT\*CLGYTCLCTHRPQPTRSNIGKCDRRV\*YVEK\*HGRTDA\*RYNQFMGSKPKTMCKINPTLYHFKLH\*F\*R\*\*YQE\*CWY\*\*\*Y\*\*VGRRNEKLLFQCHHRHRR\*EEDRICTLLYS\*YNTNR\*YKLYVEKL\*HLSHFTGLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*TIQWIRTM\*KCQHSTMYTWN\*ASSVNSTAV\*WQSGRRRGND\*I\*KFHGQC\*NHNSTAEWICSI\*LHKTQQ\*HKKKYTYRTGKSILCNRGHNRRHKTSTL\*P\*\*SKME\*HFKNDSFKTKRTI\*K\*NNNL\*FLLRRGPRNCNVHL\*LWRGIFLL\*YNTVI\*\*YLAG\*WYWE\*YYRQYHTPMQNKTNYK\*VAGSRKSNVCPSHQRRDQL\*FKYYRAIINKRWW\*ARKRRREHQ\*DLQTWRRKYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKEKSGARRKKSSGNIWSSVPWVLECSGKHYGRSVNDADGTGQTIIVRYSATAEQLAESY\*GATAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IYGGYLE\*YDLDAVGERN\*QLHRLNIQLN\*RIAEPTRKE\*ARFIGIG\*VGQLVELV\*HNKMAVVHKNIYYDSRRFNRFKNNFCCTFCSKKS\*AGILTVIVTDPPPKPEGTRQARRNRRRRWRQRQRQLQTI

>B.2012.MG196772.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRSAPQHSPDNQVPLSEQ\*VIHVMQSLVILAIAALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLVEMGHDAPWDVNDL\*CWGKIVGHSLLWGTCVERNNHHSILCIRC\*SI\*HRGT\*CLGYTCLCTHRPQPTRSNIGKCDRRV\*YVEK\*HGRTDA\*RYNQFMGSKPKTMCKINPTLYHFKLH\*F\*R\*\*YQE\*CWY\*\*\*Y\*\*VGRRNEKLLFQCHHRHRR\*EEDRICTLLYS\*YNTNR\*YKLYVEKL\*HLSHFTGLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*TIQWIRTM\*KCQHSTMYTWN\*ASSVNSTAV\*WQSGRRRGND\*I\*KFHGQC\*NHNSTAEWICSI\*LHKTQQ\*HKKKYTYRTGKSILCNRGHNRRHKTSTL\*P\*\*SKME\*HFKNDSFKTKRTI\*K\*NNNL\*FLLRRGPRNCNVHL\*LWRGIFLL\*YNTVI\*\*YLAG\*WYWE\*YYRQYHTPMQNKTNYK\*VAGSRKSNVCPSHQRRDQL\*FKYYRAIINKRWW\*ARKRRREHQ\*DLQTWRRKYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKEKSGARRKKSSGNIWSSVPWVLECSGKHYGRSVNDADGTGQTIIVRYSATAEQLAESY\*GATAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IYGGYLE\*YDLDAVGERN\*QLHRLNIQLN\*RIAEPTRKE\*ARFIGIG\*VGQLVELV\*HNKMAVVHKNIYYDSRRFNRFKNNFCCTFCSKKS\*AGILTVIVTDPPPKPEGTRQARRNRRRRWRQRQRQLQTI

>B.2012.MG196773.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRSAPQHSPDNQVPLSEQ\*VIHVMQSLVILAIAALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLVEMGHDAPWDVNDL\*CWGKIVGHSLLWGTCVERNNHHSILCIRC\*SI\*HRGT\*CLGYTCLCTHRPQPTRSNIGKCDRRV\*YVEK\*HGRTDA\*RYNQFMGSKPKTMCKINPTLYHFKLH\*F\*R\*\*YQE\*CWY\*\*\*Y\*\*VGRRNEKLLFQCHHRHRR\*EEDRICTLLYS\*YNTNR\*YKLYVEKL\*HLSHFTGLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*TIQWIRTM\*KCQHSTMYTWN\*ASSVNSTAV\*WQSGRRRGND\*I\*KFHGQC\*NHNSTAEWICSI\*LHKTQQ\*HKKKYTYRTGKSILCNRGHNRRHKTSTL\*P\*\*SKME\*HFKNDSFKTKRTI\*K\*NNNL\*FLLRRGPRNCNVHL\*LWRGIFLL\*YNTVI\*\*YLAG\*WYWE\*YYRQYHTPMQNKTNYK\*VAGSRKSNVCPSHQRRDQL\*FKYYRAIINKRWW\*ARKRRREHQ\*DLQTWRRKYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKEKSGARRKKSSGNIWSSVPWVLECSGKHYGRSVNDADGTGQTIIVRYSATAEQLAESY\*GATAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IYGGYLE\*YDLDAVGERN\*QLHRLNIQLN\*RIAEPTRKE\*ARFIGIG\*VGQLVELV\*HNKMAVVHKNIYYDSRRFNRFKNNFCCTFCSKKS\*AGILTVIVTDPPPKPEGTRQARRNRRRRWRQRQRQLQTI

>B.2012.MG196774.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKRCCFHCQVCFIKKGLGISYGRKKRRQRRSAPQHSPDNQVPLSEQ\*VIHVMQSLVILAIAALVVVAIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELATLVEMGHDAPWDVNDL\*CWGKIVGHSLLWGTCVERNNHHSILCIRC\*SI\*HRGT\*CLGYTCLCTHRPQPTRSNIGKCDRRV\*YVEK\*HGRTDA\*RYNQFMGSKPKTMCKINPTLYHFKLH\*F\*R\*\*YQE\*CWY\*\*\*Y\*\*VGRRNEKLLFQCHHRHRR\*EEDRICTLLYS\*YNTNR\*YKLYVEKL\*HLSHFTGLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*TIQWIRTM\*KCQHSTMYTWN\*ASSVNSTAV\*WQSGRRRGND\*I\*KFHGQC\*NHNSTAEWICSI\*LHKTQQ\*HKKKYTYRTGKSILCNRGHNRRHKTSTL\*P\*\*SKME\*HFKNDSFKTKRTI\*K\*NNNL\*FLLRRGPRNCNVHL\*LWRGIFLL\*YNTVI\*\*YLAG\*WYWE\*YYRQYHTPMQNKTNYK\*VAGSRKSNVCPSHQRRDQL\*FKYYRAIINKRWW\*ARKRRREHQ\*DLQTWRRKYEGQLEK\*II\*I\*SSKD\*TIRSSTHQGKEKSGARRKKSSGNIWSSVPWVLECSGKHYGRSVNDADGTGQTIIVRYSATAEQLAESY\*GATAYVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IYGGYLE\*YDLDAVGERN\*QLHRLNIQLN\*RIAEPTRKE\*ARFIGIG\*VGQLVELV\*HNKMAVVHKNIYYDSRRFNRFKNNFCCTFCSKKS\*AGILTVIVTDPPPKPEGTRQARRNRRRRWRQRQRQLQTI

>B.2010.MG196775.-

MDPVDPRLEPWKHPGSQPRTPCNKCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMSSLYISSIVALVVAAILAIVVWIIVLIEYRKILKQKKIDRLIDRIIERAEDSGNESEGDQEELSALMEVGRLAPWNVDDL\*C\*RTVVGHSLLWGTCVERSNYHSILCIRC\*SI\*ARGT\*YLGHTCLCAHRPQPTRSSIGKCDREF\*HVEK\*HGRTDA\*RYN\*FMG\*KPKAMCKINPTLCYFKLH\*RNSH\*CHYYY\*\*\*Q\*\*LLER\*YEKLLFQYHHNLKR\*G\*ERICTFL\*A\*YSTNR\*G\*EY\*G\*\*\*\*\*W\*\*\*L\*VDKL\*FLNHHTSLSKNSI\*TNSHTLLCPGWFCDSKVQR\*KI\*GKRTM\*KCQHSTMYTWN\*TSSVNSTTVKWQSSRRRSSS\*I\*KFLGQC\*KHNSTAERICTN\*LYKTQQQYKKKYTYGTRGSNVCNRSHNRRYKTSTL\*P\*HKTVV\*HFKTGSYKIRRTI\*\*NK\*FE\*NRKFYNSL\*AILRRGPRS\*NAQP\*LWRGIFLL\*YIRTV\*\*\*VAY\*LYME\*YLQYNKWYLE\*Y\*H\*GCKRY\*KDHTPM\*NKTNYKQVAGSRKSNVCPSHRRNN\*MCIKYYGAAVNQRRWQQ\*NQSH\*GLQTSRRKYEGQLEKRII\*I\*SSTN\*TIRSSTQQGKEKSGAERKKSNNNRSYVPWVLGSSRKHYGRSVNDADGTGQTITVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*KL\*RHLG\*HDLDGVGKRN\*QLHRINIHLN\*RLTKPARKE\*TRVIITG\*VGKFVELV\*HNKVAVVYKDIHNDSRRLDRFKNNLCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRQARRNRRRRWRTRQRQIRAL

>B.2010.MG196776.-

MDPVDPRLEPWKHPGSQPRTPCNKCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMSSLYISSIVALVVAAILAIVVWIIVLIEYRKILKQKKIDRLIDRIIGRAEDSGNESEGDQEELSALMEVGRLAPWNVDDL\*C\*RTVVGHSLLWGTCVERSNYHSILCIRC\*SI\*ARGT\*YLGHTCLCAHRPQPTRSSIGKCDREF\*HVEK\*HGRTDA\*RYN\*FMG\*KPKAMCKINPTLCYFKLH\*RNSH\*CHYYY\*\*\*Q\*\*LLER\*YEKLLFQYHHNLKR\*G\*ERICTFL\*A\*YSTNR\*G\*EY\*G\*\*\*\*\*W\*\*\*L\*VDKL\*FLNHHTSLSKNSI\*TNSHTLLCPGWFCDSKVQR\*KI\*GKRTM\*KCQHSTMYTWN\*TSSVNSTTVKWQSSRRRSSS\*I\*KFLGQC\*KHNSTAERICTN\*LYKTQQQYKKKYTYGTRGSNVCNRSHNRRYKTSTL\*P\*HKTVV\*HFKTGSYKIRRTI\*\*NK\*FK\*NRKFYNSL\*AILRRGPRS\*NAQP\*LWRGIFLL\*YIRTV\*\*\*VAY\*LYME\*YLQYNKWYLE\*Y\*H\*GCKRY\*KDHTPM\*NKTNYKQVAGSRKSNVCPSHRRNN\*MCIKYYGAAVNQRRWQQ\*NQSH\*GLQTSRRKYEGQLEKRII\*I\*SSTD\*TIRSSTQQGKEKSGAERKKSNNNRSYVPWVLGSSRKHYGRSVNDADGTGQTITVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*KL\*RHLG\*HDLDGVGKRN\*QLHRINIHLN\*RLTKPARKE\*TRVIITG\*VGKFVELV\*HNKVAVVYKDIHNDSRRLDRFKNNLCCAFYSE\*S\*AGILTIVVXDPPPNPEGTRQARRNRRRRWRTRQRQIRAL

>B.2010.MG196777.-

MDPVDPRLEPWKHPGSQPRTPCNKCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMSSLYISSIVALVVAAILAIVVWIIVLIEYRKILKQKKIDRLIDRIIERAEDSGNESEGDQEELSALMEVGRLAPWNVDDL\*C\*RTVVGHSLLWGTCVERSNYHSILCIRC\*SI\*ARGT\*YLGHTCLCAHRPQPTRSSIGKCDREF\*HVEK\*HGRTDA\*RYN\*FMG\*KPKAMCKINPTLCYFKLH\*RNSH\*CHYYY\*\*\*Q\*\*LLER\*YEKLLFQYHHNLKR\*G\*ERICTFL\*A\*YSTNR\*G\*EY\*G\*\*\*\*\*W\*\*\*L\*VDKL\*FLNHHTSLSKNSI\*TNSHTLLCPGWFCDSKVQR\*KI\*GKRTM\*KCQHSXMYTWN\*TSSVNSTTVKWQSSRRRSSS\*I\*KFLGQC\*KHNSTAERICTN\*LYKTQQQYKKKYTYGTRGSNVCNRSHNRRYKTSTL\*P\*HKTVV\*HFKTGSYKIRRTI\*\*NK\*FE\*NRKFYNSL\*AILRRGPRS\*NAQP\*LWRGIFLL\*YIRTV\*\*\*VAY\*LYME\*YLQYNKWYLE\*Y\*H\*GCKRY\*KDHTPM\*NKTNYKQVAGSRKSNVCPSHRRNN\*MCIKYYGAAVNQRRWQQ\*NQSH\*GLQTSRRKYEGQLEKRII\*I\*SSTN\*TIRSSTQQGKEKSGAERKKSNNNRSYVPWVLGSSRKHYGRSVNDADGTGQTITVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*KL\*RHLG\*HDLDGVGKRN\*QLHRINIHLN\*RLTKPARKE\*TRVIITG\*VGKFVELV\*HNKVAVVYKDIHNDSRRLDRFKNNLCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRQARRNRRRRWRTRQRQIRAL

>B.2010.MG196778.-

MDPVDPRLEPWKHPGSQPRTPCNKCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMSSLYISSIVALVVAAILAIVVWIIVLIEYRKILKQKKIDRLIDRIIERAEDSGNESEGDQEELSALMEVGRLAPWNVDDL\*C\*RTVVGHSLLWGTCVERSNYHSILCIRC\*SI\*ARGT\*YLGHTCLCAHRPQPTRSSIGKCDREF\*HVEK\*HGRTDA\*RYN\*FMG\*KPKAMCKINPTLCYFKLH\*RNSH\*CHYYY\*\*\*Q\*\*LLER\*YEKLLFQYHHNLKR\*G\*ERICTFL\*A\*YSTNR\*G\*EY\*G\*\*\*\*\*W\*\*\*L\*VDKL\*FLNHHTSLSKNSI\*TNSHTLLCPGWFCDSKVQR\*KI\*GKRTM\*KCQHSTMYTWN\*TSSVNSTTVKWQSSRRRSSS\*I\*KFLGQC\*KHNSTAERICTN\*LYKTQQQYKKKYTYGTRGSNVCNRSHNRRYKTSTL\*P\*HKTVV\*HFKTGSYKIRRTI\*\*NK\*FE\*NRKFYNSL\*AILRRGPRS\*NAQP\*LWRGIFLL\*YIRTV\*\*\*VAY\*LYME\*YLQYNKWYLE\*Y\*H\*GCKRY\*KDHTPM\*NKTNYKQVAGSRKSNVCPSHRRNN\*MCIKYYGAAVNQRRWQQ\*NQSH\*GLQTSRRKYEGQLEKRII\*I\*SSTN\*TIRSSTQQGKEKSGAERKKSNNNRSYVPWVLGSSRKHYGRSVNDADGTGQTITVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*KL\*RHLG\*HDLDGVGKRN\*QLHRINIHLN\*RLTKPARKE\*TRVIITG\*VGKFVELV\*HNKVAVVYKDIHNDSRRLDRFKNNLCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRQARRNRRRRWRTRQXQIRAL

>B.2010.MG196779.-

MDPVDPRLEPWKHPGSQPRTPCNKCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMSSLYISSIVALVVAAILAIVVWIIVLIEYRKILKQKKIDRLIDRIIERAEDSGNESEGDQEELSALMEVGRLAPWNVDDL\*C\*RTVVGHSLLWGTCVERSNYHSILCIRC\*SI\*ARGT\*YLGHTCLCAHRPQPTRSSIGKCDREF\*HVEK\*HGRTDA\*RYN\*FMG\*KPKAMCKINPTLCYFKLH\*RNSH\*CHYYY\*\*\*Q\*\*LLER\*YEKLLFQYHHNLKR\*G\*ERICTFL\*A\*YSTNR\*G\*EY\*G\*\*\*\*\*W\*\*\*L\*VDKL\*FLNHHTSLSKNSI\*TNSHTLLCPGWFCDSKVQR\*KI\*GKRTM\*KCQHSTMYTWN\*TSSVNSTTVKWQSSRRRSSS\*I\*KFLGQC\*KHNSTAERICTN\*LYKTQQQYKKKYTYGTRGSNVCNRSHNRRYKTSTL\*P\*HKTVV\*HFKTGSYKIRRTI\*\*NK\*FE\*NRKFYNSL\*AILRRGPRS\*NAQP\*LWRGIFLL\*YIRTV\*\*\*VAY\*LYME\*YLQYNKWYLE\*Y\*H\*GCKRY\*KDHTPM\*NKTNYKQVAGSRKSNVCPSHRRNN\*MCIKYYGAAVNQRRWQQ\*NQSH\*GLQTSRRKYEGQLEKRII\*I\*SSTN\*TIRSSTQQGKEKSGAERKKSNNNRSYVPWVLGSSRKHYGRSVNDADGTGQTITVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*KL\*RHLG\*HDLDGVGKRN\*QLHRINIHLN\*RLTKPARKE\*TRVIITG\*VGKFVELV\*HNKVAVVYKDIHNDSRRLDRFKNNLCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRQARRNRRRRWRTRQRQIRAL

>B.2010.MG196780.-

MDPVDPRLEPWKHPGSQPRTPCNKCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMSSLYISSIVALVVAAILAIVVWIIVLIEYRKILKQKKIDRLIDRIIERAEDSGNESEGDQEELSALMEVGRLAPWNVDDL\*C\*RTVVGHSLLWGTCVERSNYHSILCIRC\*SI\*ARGT\*YLGHTCLCAHRPQPTRSSIGKCDREF\*HVEK\*HGRTDA\*RYN\*FMG\*KPKAMCKINPTLCYFKLH\*RNSH\*CHYYY\*\*\*Q\*\*LLER\*YEKLLFQYHHNLKR\*G\*ERICTFL\*A\*YSTNR\*G\*EY\*G\*\*\*\*\*W\*\*\*L\*VDKL\*FLNHHTSLSKNSI\*TNSHTLLCPGWFCDSKVQR\*KI\*GKRTM\*KCQHSTMYTWN\*TSSVNSTTVKWQSSRRRSSS\*I\*KFLGQC\*KHNSTAERICTN\*LYKTQQQYKKKYTYGTRGSNVCNRSHNRRYKTSTL\*P\*HKTVV\*HFKTGSYKIRRTI\*\*NK\*FE\*NRKFYNSL\*AILRRGPRS\*NAQP\*LWRGIFLL\*YIRTV\*\*\*VAY\*LYME\*YLQYNKWYLE\*Y\*H\*GCKRY\*KDHTPM\*NKTNYKQVAGSRKSNVCPSHRRNN\*MCIKYYGAAVNQRRWQQ\*NQSH\*GLQTSRRKYEGQLEKRII\*I\*SSTN\*TIRSSTQQGKEKSGAERKKSNNNRSYVPWVLGSSRKHYGRSVNDADGTGQTITVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*KL\*RHLG\*HDLDGVGKRN\*QLHRINIHLN\*RLTKPARKE\*TRVIITG\*VGKFVELV\*HNKVAVVYKDIHNDSRRLDRFKNNLCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRQARRNRRRRWRTRQRQIRAL

>B.2010.MG196781.-

MDPVDPRLEPWKHPGSQPRTPCNKCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMSSLYISSIVALVVAAILAIVVWIIVLIEYRKILKQKKIDRLIDRIIERAEDSGNESEGDQEELSALMEVGRLAPWNVDDL\*C\*RTVVGHSLLWGTCVERSNYHSILCIRC\*SI\*ARGT\*YLGHTCLCAHRPQPTRSSIGKCDREF\*HVEK\*HGRTDA\*RYN\*FMG\*KPKAMCKINPTLCYFKLH\*RNSH\*CHYYY\*\*\*Q\*\*LLER\*YEKLLFQYHHNLKR\*G\*ERICTFL\*A\*YSTNR\*G\*EY\*G\*\*\*\*\*W\*\*\*L\*VDKL\*FLNHHTSLSKNSI\*TNSHTLLCPGWFCDSKVQR\*KI\*GKRTM\*KCQHSTMYTWN\*TSSVNSTTVKWQSSRRRSSS\*I\*KFLGQC\*KHNSTAERICTN\*LYKTQQQYKKKYTYGTRGSNVCNRSHNRRYKTSTL\*P\*HKTVV\*HFKTGSYKIRRTI\*\*NK\*FE\*NRKFYNSL\*AILRRGPRS\*NAQP\*LWRGIFLL\*YIRTV\*\*\*VAY\*LYME\*YLQYNKWYLE\*Y\*H\*GCKRY\*KDHTPM\*NKTNYKQVAGSRKSNVCPSQRRNN\*MCIKYYGAAVNQRRWQQ\*NQSH\*GLXTSRRKYEGQLEKRII\*I\*SSTN\*TIRSSTQQGKEKSGAERKKSNNNRSYVPWVLGSSRKHYGRSVNDADGTGQTITVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*KL\*RHLG\*HDLDGVGKRN\*QLHRINIHLN\*RLTKPARKE\*TRVIITG\*VGKFVELV\*HNKVAVVYKDIHNDSRRLDRFKNNLCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRQARRNRRRRWRTRQRQIRAL

>B.2010.MG196782.-

MDPVDPRLEPWKHPGSQPRTPCNKCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMSSLYISSIVALVVAAILAIVVWIIVLIEYRKILKQKKIDRLIDRIIERAEDSGNESEGDQEELSALMEVGRLAPWNVDDL\*C\*RTVVGHSLLWGTCVERSNYHSILCIRC\*SI\*ARGT\*YLGHTCLCAHRPQPTRSSIGKCDREF\*HVEK\*HGRTDA\*RYN\*FMG\*KPKAMCKINPTLCYFKLH\*RNSH\*CHYYY\*\*\*Q\*\*LLER\*YEKLLFQYHHNLKR\*G\*ERICTFL\*A\*YSTNR\*G\*EY\*G\*\*\*\*\*W\*\*\*L\*VDKL\*FLNHHTSLSKNSI\*TNSHTLLCPGWFCDSKVQR\*KI\*GKRTM\*KCQHSTMYTWN\*TSSVNSTTVKWQSSRRRSSS\*I\*KFLGQC\*KHNSTAERICTN\*LYKTQQQYKKKYTYGTRGSNVCNRSHNRRYKTSTL\*P\*HKTVV\*HFKTGSYKIRRTI\*\*NK\*FE\*NRKFYNSL\*AILRRGPRS\*NAQP\*LWRGIFLL\*YIRTV\*\*\*VAY\*LYME\*YLQYNKWYLE\*Y\*H\*GCKRY\*KDHTPM\*NKTNYKQVAGSRKSNVCPSHRRNN\*MCIKYYGAAVNQRRWQQ\*NQSH\*GLQTSRRKYEGQLEKRII\*I\*SSTN\*TIRXSTQQGKEKSGAERKKSNNNRSYVPWVLGSSRKHYGRSVNDADGTGQTITVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*KL\*RHLG\*HDLDGVGKRN\*QLHRINIHLN\*RLTKPARKE\*TRVIITG\*VGKFVELV\*HNKVAVVYKDIHNDSRRLDRFKNNLCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRQARRNRRRRWRTRQRQIRAL

>B.2010.MG196783.-

MDPVDPRLEPWKHPGSQPRTPCNKCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMSSLYISSIVALVVAAILAIVVWIXVLIEYRKILKQKKIDRLIDRIIERAEDSGNESEGDQEELSALMEVGRLAPWNVDDL\*C\*RTVVGHSLLWGTCVERSNYHSILCIRC\*SI\*ARGT\*YLGHTCLCAHRPQPTRSSIGKCDREF\*HVEK\*HGRTDA\*RYN\*FMG\*KPKAMCKINPTLCYFKLH\*RNSH\*CHYYY\*\*\*Q\*\*LLER\*YEKLLFQYHHNLKR\*G\*ERICTFL\*A\*YSTNR\*G\*EY\*G\*\*\*\*\*W\*\*\*L\*VDKL\*FLNHHTSLSKNSI\*TNSHTLLCPGWFCDSKVQR\*KI\*GKRTM\*KCQHSTMYTWN\*TSSVNSTTVKWQSSRRRSSS\*I\*KFLGQC\*KHNSTAERICTN\*LYKTQQQYKKKYTYGTRGSNVCNRSHNRRYKTSTL\*P\*HKTVV\*HFKTGSYKIRRTI\*\*NK\*FE\*NRKFYNSL\*AILRRGPRS\*NAQP\*LWRGIFLL\*YIRTV\*\*\*VAY\*LYME\*YLQYNKWYLE\*Y\*H\*GCKRY\*KDHTPM\*NKTNYKQVAGSRKSNVCPSHRRNN\*MCIKYYGAAVNQRRWQQ\*NQSH\*GLQTSRRKYEGQLEKRII\*I\*SSTN\*TIRSSTQQGKEKSGAERKKSNNNRSYVPWVLGSSRKHYGRSVNDADGTGQTITVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*KL\*RHLG\*HDLDGVGKRN\*QLHRINIHLN\*RLTKPARKE\*TRVIITG\*VGKFVELV\*HNKVAVVYKDIHNDSRRLDRFKNNLCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRQARRNRRRRWRTRQRQIRAL

>B.2010.MG196784.-

MDPVDPRLEPWKHPGSQPRTPCNKCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMSSLYISSIVALVVAAILAIVVWIIVLIEYRKILKQKKIDRLIDRIIERAEDSGNESEGDQEELSALMEVGRLAPWNVDDL\*C\*RTVVGHSLLWGTCVERSNYHSILCIRC\*SI\*ARGT\*YLGHTCLCAHRPQPTRSSIGKCDREF\*HVEK\*HGRTDA\*RYN\*FMG\*KPKAMCKINPTLCYFKLH\*RNSH\*CHYYY\*\*\*Q\*\*LLER\*YEKLLFQYHHNLKR\*G\*ERICTFL\*A\*YSTNR\*G\*EY\*G\*\*\*\*\*W\*\*\*L\*VDKL\*FLNHHTSLSKNSI\*TNSHTLLCPGWFCDSKVQR\*KI\*GKRTM\*KCQHSTMYTWN\*TSSVNSTTVKWQSSRRRSSS\*I\*KFLGQC\*KHNSTAERICTN\*LYKTQQQYKKKYTYGTRGSNVCNRSHNRRYKTSTL\*P\*HKTVV\*HFKTGSYKIRRTI\*\*NK\*FE\*NRKFYNSL\*AILRRGPRS\*NAQP\*LWRGIFLL\*YIRTV\*\*\*VAY\*LYME\*YLQYNKWYLE\*Y\*H\*GCKRY\*KDHTPM\*NKTNYKQVAGSRKSNVCPSHRRNN\*MCIKYYGAAVNQRRWQQ\*NQSH\*GLQTSRRKYEGQLEKRII\*I\*SSTN\*TIRSSTQQGKEKSGAERKKSNNNRSYVPWVLGSSRKHYGRSVNDADGTGQTITVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*KL\*RHLG\*HDLDGVGKRN\*QLHRINIHLN\*RLTKPARKE\*TRVIITG\*VGKFVELV\*HNKVAVVYKDIHNDSRRLDRFKNNLCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRQARRNRRRRWRTRQRQIRAL

>B.2010.MG196785.-

MDPVDPRLEPWKHPGSQPRTPCNKCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMSSLYISSIVALVVAAILAIVVWIIVLIEYRKILKQKKIDRLIDRIIERAEDSGNESEGDQEELSALMEVGRLAPWNVDDL\*C\*RTVVGHSLLWGTCVERSNYHSILCIRC\*SI\*ARGT\*YLGHTCLCAHRPQPTRSSIGKCDREF\*HVEK\*HGRTDA\*RYN\*FMG\*KPKAMCKINPTLCYFKLH\*RNSH\*CHYYY\*\*\*Q\*\*LLER\*YEKLLFQYHHNLKR\*G\*ERICTFL\*A\*YSTNR\*G\*EY\*G\*\*\*\*\*W\*\*\*L\*VDKL\*FLNHHTSLSKNSI\*TNSHTLLCPGWFCDSKVQR\*KI\*GKRTM\*KCQHSTMYTWN\*TSSVNSTTVKWQSSRRRSSS\*I\*KFLGQC\*KHNSTAERICTN\*LYKTQQQYKKKYTYGTRGSNVCNRSHNRRYKTSTL\*P\*HKTVV\*HFKTGSYKIRRTI\*\*NK\*FE\*NRKFYNSL\*AILRRGPRS\*NAQP\*LWRGIFLL\*YIRTV\*\*\*VAY\*LYME\*YLQYNKWYLE\*Y\*H\*GCKRY\*KDHTPM\*NKTNYKQVAGSRKSNVCPSHRRNN\*MCIKYYGAAVNQRRWQQ\*NQSH\*GLQTSRRKYEGQLEKRII\*I\*SSTN\*TIRSSTQQGKEKSGAERKKSNNNRSYVPWVLGSSRKHYGRSVNDADGTGQTITVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*KL\*RHLG\*HDLDGVGKRN\*QLHRINIHLN\*RLTKPARKE\*TRVIITG\*VGKFVELV\*HNKVAVVYKDIHNDSRRLDRFKNNLCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRQARRNRRRRWRTRQRQIRAL

>B.2010.MG196786.-

MDPVDPRLEPWKHPGSQPRTPCNKCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMSSLYISSIVALVVAAILAIVVWIIVLIEYRKILKQKKIDRLIDRIIERAEDSGNESEGDQEELSALMEVGRLAPWNVDDL\*C\*RTVVGHSLLWGTCVERSNYHSILCIRC\*SI\*ARGT\*YLGHTCLCAHRPQPTRSSIGKCDREF\*HVEK\*HGRTDA\*RYN\*FMG\*KPKAMCKINPTLCYFKLH\*RNSH\*CHYYY\*\*\*Q\*\*LLER\*YEKLLFQYHHNLKR\*G\*ERICTFL\*A\*YSTNR\*G\*EY\*G\*\*\*\*\*W\*\*\*L\*VDKL\*FLNHHTSLSKNSI\*TNSHTLLCPGWFCDSKVQR\*KI\*GKRTM\*KCQHSTMYTWN\*TSSVNSTTVKWQSSRRRSSS\*I\*KFLGQC\*KHNSTAERICTN\*LYKTQQQYKKKYTYGTRGSNVCNRSHNRRYKTSTL\*P\*HKTVV\*HFKTGSYKIRRTI\*\*NK\*FE\*NRKFYNSL\*AILRRGPRS\*NAQP\*LWRGIFLL\*YIRTV\*\*\*VAY\*LYME\*YLQYNKWYLE\*Y\*H\*GCKRY\*KDHTPM\*NKTNYKQVAGSRKSNVCPSHRRNN\*MCIKYYGAAVNQRRWQQ\*NQSH\*GLQTSRRKYEGQLEKRII\*I\*SSTN\*TIRSSTQQGKEKSGAERKKSNNNRSYVPWVLGSSRKHYGRSVNDADGTGQTITVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCRKLPKGSTAPRDLGLLWKTHLHHYCALE\*\*LE\*\*KL\*RHLG\*HDLDGVGKRN\*QLHRINIHLN\*RLTKPARKE\*TRVIITG\*VGKFVELV\*HNKVAVVYKDIHNDSRRLDRFKNNLCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRQARRNRRRRWRTRQRQIRAL

>B.2010.MG196787.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQSSQAHQAILSEQ\*VVYVMQSIQILAIVALVVVAIIAIIVWSIVFIEYRKIRRQRKIDRLIDRIIERAEDSGNESDGDQEELSVLVERGHLAPWDINDL\*CCRKVVGHGLLWSTSVERSIHHTLLCIRC\*SI\*ERST\*YLGHACLCTYRPQPTRSKIG\*CDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTMCYFKLH\*SEECY\*HQYY\*HQ\*\*HVGGRRHEKLFFQYHHKPKR\*VAKRICTFLST\*YSTNR\*\*\*D\*\*\*LC\*L\*ADKL\*HLSHYTGLSKDKL\*TNSHTLLCPGWFCDSKV\*\*\*KV\*WNRTM\*KCQHSTMYTWN\*TSSINPITVKWQFSRRRGSN\*I\*KLHKQC\*NHNSTAK\*ICRN\*LYKTQQQYKKKYTYGTRKSILCNRRHNRRYKTSTLQH\*\*KRLE\*HFKTGS\*KIKRTIWREYNNKL\*EPLRRGPRNYNTQF\*LWRGIFLL\*YNTTV\*\*YLALE\*H\*RIKYY\*KKYHTSMQNKTNHKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAIDKRWGYWK\*D\*GDLQTWGRKYEGQLEK\*IV\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWHSATAKQFAEGY\*CATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALE\*\*LES\*\*ISGWDLGKHDLDGVGKRN\*QLHRLNIPVT\*RIAEPTRKE\*TRIIGIGYMGKFVELVCHNKLAVVYKNIHNDSRRIDRLKNSFYCAFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRKF

>B.2010.MG196788.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQSSQAHQAILSEQ\*VVYVMQSIQILAIVALVVVAIIAIIVWSIVFIEYRKIRRQRKIDRLIDRIIERAEDSGNESDGDQEELSVLVERGHLAPWDINDL\*CCRKVVGHGLLWSTSVERSIHHTLLCIRC\*SI\*ERST\*YLGHACLCTYRPQPTRSKIG\*CDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTMCYFKLH\*SEECY\*HQYY\*HQ\*\*HVGGRRHEKLFFQYHHKPKR\*VAKRICTFLST\*YSTNR\*\*\*D\*\*\*LC\*L\*ADKL\*HLSHYTGLSKDKL\*TNSHTLLCPGWFCDSKV\*\*\*KV\*WNRTM\*KCQHSTMYTWN\*TSSINPITVKWQFSRRRGSN\*I\*KLHKQC\*NHNSTAK\*ICRN\*LYKTQQQYKKKYTYGTRKSILCNRRHNRRYKTSTLQH\*\*KRLE\*HFKTGS\*KIKRTIWREYNNKL\*EPLRRGPRNYNTQF\*LWRGIFLL\*YNTTV\*\*YLALE\*H\*RIKYY\*KKYHPSMQNKTNHKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAIDKRWGYWK\*D\*GDLQTWGRKYEGQLEK\*IV\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWHSATAKQFAEGY\*CATASVATHSLGHQAAPGKSPGCGKIPKGXTAPGDLGLLWKTHLHHCCALE\*\*LES\*\*ISGWDLGKHDLDGVGKRN\*QLHRLNIPVT\*RIAEPTRKE\*XRIIGIGYMGKFVELVCHNKLAVVYKNIHNDSRRIDRLKNSFYCAFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRKF

>B.2010.MG196789.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQSSQAHQAILSEQ\*VVYVMQSIQILAIVALVVVAIIAIIVWSIVFIEYRKIRRQRKIDRLIDRIIERAEDSGNESDGDQEELSVLVERGHLAPWDINDL\*CCRKVVGHGLLWSTSVERSIHHTLLCIRC\*SI\*ERST\*YLGHACLCTYRPQPTRSKIG\*CDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTMCYFKLH\*SEECY\*HQYY\*HQ\*\*HVGGRRHEKLFFQYHHKPKR\*VAKRICTFLST\*YSTNR\*\*\*D\*\*\*LC\*L\*ADKL\*HLSHYTGLSKDKL\*TNSHTLLCPGWFCDSKV\*\*\*KV\*WNRTM\*KCQHSTMYTWN\*TSSINPITVKWQFSRRRGSN\*I\*KLHKQC\*NHNSTAK\*ICRN\*LYKTQQQYKKKYTYGTRKSILCNRRHNRRYKTSTLQH\*\*KRLE\*HFKTGS\*KIKRTIWREYNNKL\*EPLRRGPRNYNTQF\*LWRGIFLL\*YNTTV\*\*YLALE\*H\*RIKYY\*KKYHTSMQNKTNHKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAIDKRWGYWK\*D\*GDLQTWGRKYEGQLEK\*IV\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWHSATAKQFAEGY\*CATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALE\*\*LES\*\*ISGWDLGKHDLDGVGKRN\*QLHRLNIPVT\*RIAEPTRKE\*TRIIGIGYMGKFVELVCHNKLAVVYKNIHNDSRRIDRLKNSFYCAFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRKF

>B.2010.MG196790.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQSSQAHQAILSEQ\*VVYVMQSIQILAIVALVVVAIIAIIVWSIVFIEYRKIRRQRKIDRLIDRIIERAEDSGNENDGDQEELSVLVERGHLAPWDINDL\*CCRKVVGHGLLWSTSVERSIHHTLLCIRC\*SI\*ERST\*YLGHACLCTYRPQPTRSKIG\*CDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTMCYFKLH\*SEECY\*HQYY\*HQ\*\*HVGGRRHEKLFFQYHHKPKR\*VAKRICTFLST\*YSTNR\*\*\*D\*\*\*LC\*L\*ADKL\*HLSHYTGLSKDKL\*TNSHTLLCPGWFCDSKV\*\*\*KV\*WNRTM\*KCQHSTMYTWN\*TSSINPITVKWQFSRRRGSN\*I\*KLHKQC\*NHNSTAK\*ICRN\*LYKTQQQYKKKYTYGTRKSILCNRRHNRRYKTSTLQH\*\*KRLE\*HFKTGS\*KIKRTIWREYNNKL\*EPLRRGPRNYNTQF\*LWRGIFLL\*YNTTV\*\*YLALE\*H\*RIKYY\*KKYHTSMQNKTNHKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAIDKRWGYWK\*D\*GDLQTWGRKYEGQLEK\*IV\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWHSATAKQFAEGY\*CATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALE\*\*LES\*\*ISGWDLGKHDLDGVGKRN\*QLHRLNIPVT\*RIAEPTRKE\*TRIIGIGYMGKFVELVCHNKLAVVYKNIHNDSRRIDRLKNSFYCAFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRKF

>B.2010.MG196791.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQSSQAHQAILSEQ\*VVYVMQSIQILAIVALVVVAIIAIIVWSIVFIEYRKIRRQRKIDRLIDRIIERAEDSGNESDGDQEELSVLVERGHLAPWDINDL\*CCRKVVGHGLLWSTSVERSIHHTLLCIRC\*SI\*ERST\*YLGHACLCTYRPQPTRSKIG\*CDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTMCYFKLH\*SEECY\*HQYY\*HQ\*\*HVGGRRHEKLFFQYHHKPKR\*VAKRICTFLST\*YSTNR\*\*\*D\*\*\*LC\*L\*ADKL\*HLSHYTGLSKDKL\*TNSHTLLCPGWFCDSKV\*\*\*KV\*WNRTM\*KCQHXTMYTWN\*TSSINPITVKWQFSRRRGSN\*I\*KLHKQC\*NHNSTAK\*ICRN\*LYKTQQQYKKKYTYGTRKSILCNRRHNRRYKTSTLQH\*\*KRLE\*HFKTGS\*KIKRTIWREYNNKL\*EPLRRGPRNYNTQF\*LWRGIFLL\*YNTTV\*\*YLALE\*H\*RIKYY\*KKYHNSMQNKTNHKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAIDKRWGYWK\*D\*GDLQTGGRKYEGQLEK\*IV\*I\*GSKN\*TIRNSTHQGKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWHSATAKQFAEGY\*CATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALE\*\*LES\*\*ISGWDLGKHDLDGVGKRN\*QLHRLNIPVT\*RIAEPTRKE\*TRIIGIGYMGKFVELVCHNKLAVVYKNIHNDSRRIDRLKNSFYCAFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRKF

>B.2010.MG196792.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQSSQAHQAILSEQ\*VVYVMQSIQILAIVALVVVAIIAIIVWSIVFIEYRKIRRQRKIDRLIDRIIERAEDSGNESDGDQEELSVLVERGHLAPWDINDL\*CCRKVVGHGLLWSTSVERSIHHTLLCIRC\*ST\*ERST\*YLGHACLCTYRPQPTRSNIG\*CDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTMCYFKLH\*SEECY\*HQYY\*HQ\*\*HVGGRRHEKLFFQYHHKPKR\*VAKRICTFLST\*YSTNR\*\*\*D\*\*\*LC\*L\*ADKL\*HLSHYTGLSKDKL\*TNSHTLLCPGWFCDSKV\*\*\*KV\*WNRTM\*KCQHSTMYTWN\*TSSINPITVKWQFSRRRGSN\*I\*KLHKQC\*NHNSTAK\*ICRN\*LYKTQQQYKKKYTYGTRKSILCNRRHNRRYKTSTLQH\*\*KRLE\*HFKTGS\*KIKRTIWREYNNKL\*EPLRRGPRNYNTQF\*LWRGIFLL\*YNTTV\*\*YLALE\*H\*RIKYY\*KKYHTSMQNKTNHKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAIDKRWGYWK\*D\*GDLQTWGRKYEGQLEK\*IV\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWHSATAKQFAEGY\*CATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALE\*\*LES\*\*ISGWDLGKHDLDGVGKRN\*QLHRLNIPVT\*RIAEPTRKE\*TRIIGIGYMGKFVELVCHNKLAVVYKNIHNDSRRIDRLKNSFYCAFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRKF

>B.2010.MG196793.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQSSQAHQAILSEQ\*VVYVMQSIQILAIVALVVVAIIAIIVWSIVFIEYRKIRRQRKIDRLIDRIIERAEDSGNESDGDREELSVLVERGHLAPWDINDL\*CCRKVVGHGLLWSTSVERSIHHTLLCIRC\*SI\*ERST\*YLGHACLCTYRPQPTRSKIG\*CDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTMCYFKLH\*SEECY\*HQYY\*HQ\*\*HVGGRRHEKLFFQYHHKPKR\*VAKRICTFLST\*YSTNR\*G\*D\*\*\*LC\*L\*ADKL\*HLSHYTGLSKDKL\*TNSHTLLCPGWFCDSKV\*\*\*KV\*WNRTM\*KCQHSTMYTWN\*TSSINPITVKWQFSRRRGSN\*I\*KLHKQC\*NHNSTAK\*ICRN\*LYKTQQQYKKKYTYGTRKSILCNRRHNRRYKTSTLQH\*\*KRLE\*HFKTGS\*KIKRTIWREYNNKL\*EPLRRGPRNYNTQF\*LWRGIFLL\*YNTTV\*\*YLALE\*H\*RIKYY\*KKYHTSMQNKTNHKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAIDKRWGYWK\*D\*GDLQTWGRKYEGQLEK\*IV\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWHSATAKQFAEGY\*CATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALE\*\*LES\*\*ISGWDLGKHDLDGVGKRN\*QLHRLNIPVT\*RIAEPTRKE\*TRIIGIGYMGKFVELVCHNKLAVVYKNIHNDSRRIDRLKNSFYCAFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRKF

>B.2010.MG196794.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQSSQAHQAILSEQ\*VVYVMQSIQILAIVALVVVAIIAIIVWSIVFIEYRKIRRQRKIDRLIDRIIERAEDSGNESDGDQEELSVLVERGHLAPWDINDL\*CCRKVVGHGLLWSTSVERSIHHTLLCIRC\*SI\*ERST\*YLGHACLCTYRPQPTRSKIG\*CDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTMCYFKLH\*SEECY\*HQYY\*HQ\*\*HVGGRRHEKLFFQYHHKPKR\*VAKRICTFLST\*YSTNR\*\*\*D\*\*\*LC\*L\*ADKL\*HLSHYTGLSKDKL\*TNSHTLLCPGWFCDSKV\*\*\*KV\*WNRTM\*KCQHSTMYTWN\*TSSINPITVKWQFSRRRGSN\*I\*KLHKQC\*NHNSTAK\*ICRN\*LYKTQQQYKKKYTYGTRKSILCNRRHNRRYKTSTLQH\*\*KRLE\*HFKTGS\*KIKRTIWREYNNKL\*EPLRRGPRNYNTQF\*LWRGIFLL\*YNTTV\*\*YLALE\*H\*RIKYY\*KKYHTSMQNKTNHKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAIDKRWGYWK\*D\*GDLQTWGRKYEGQLEK\*IV\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWHSATAKQFAEGY\*CATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHWCALE\*\*LES\*\*ISGWDLGKHDLDGVGKRN\*QLHRLNIPVT\*RIAEPTRKE\*TRIIGIGYMGKFVELVCHNKLAVVYKNIHNDSRRIDRLKNSFYCAFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRKF

>B.2010.MG196795.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQSSQAHQAILSEQ\*VVYVMQSIQILAIVALVVVAIIAIIVWSIVFIEYRKIRRQRKIDRLIDRIIERAEDSGNESDGDQEELSVLVERGHLAPWDINDL\*CCRKVVGHGLLWSTSVERSIHHTLLCIRC\*SI\*ERST\*YLGHACLCTYRPQPTRSKIG\*CDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTMCYFKLH\*SEECY\*HQYY\*HQ\*\*HVGGRRHEKLFFQYHHKPKR\*VAKRICTFLST\*YSTNR\*\*\*D\*\*\*LC\*L\*ADKL\*HLSHYTGLSKDKL\*TNSHTLLCPGWFCDSKV\*\*\*KV\*WNRTM\*KCQHSTMYTWN\*TSSINPITVKWQFSRRRGSN\*I\*KLHKQC\*NHNSTAK\*ICRN\*LYKTQQQYKKKYTYGTRKSILCNRRHNRRYKTSTLQH\*\*KRLE\*HFKTGS\*KIKRTIWREYNNKL\*EPLRRGPRNYNTQF\*LWRGIFLL\*YNTTV\*\*YLALE\*H\*RIKYY\*KKYHTSMQNKTNHKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAIDKRWGYWK\*D\*GDLQTWGRKYEGQLEK\*IV\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGTRSCVPWVLGSSRKHYGRSVSDADGTGQTIIVWHSATAKQFAEGY\*CATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALE\*\*LES\*\*ISGWDLGKHDLDGVGKRN\*QLHRLNIPVT\*RIAEPTRKE\*TRIIGIGYMGKFVELVCHNKLAVVYKNIHNDSRRIDRLKNSFYCAFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRKF

>B.2010.MG196796.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQSSQAHQAILSEQ\*VVYVMQSIQILAIVALVVVAIIAIIVWSIVFIEYRKIRRQRKIDRLIDRIIERAEDSGNESDGDQEELSVLVERGHLAPWDINDL\*CCRKVVGHGLLWSTSVERSIHHTLLCIRC\*SI\*ERST\*YLGHACLCTYRPQPTRSKIG\*CDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPTMCYFKLH\*SEECY\*HQYY\*HQ\*\*HVGGRRHEKLFFQYHHKPKR\*VAKRICTFYQPDIVPIDNDKTNNSYANYRLISCNTSVITQACPKISFEPIPIHYCAPAGFAILKCNDKKFNGTGPCRNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSENFTNNAKIIIVQLNKSVEINCTRLNNNTRKSIHMGPGRAFYATGDIIGDIRQAHCNISERDWNNTLKQVAEKLREQFGGNITISFKNHSGGDLEIITHSFNCGGEFFYCNTTQLFNSTWHWNSTEESNTTERNITLPCRIKQIINMWQEVGKAMYAPPIRGLIKCSSNITGLLLTKDGGTGNKTEEIFRPGGGNMKDNWRSELYKYKVVKIEPLGIAPTKAKRRVVQREKRAVGLGAVFLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQNNLLRAIDAQQHLLQLTVWGIKQLQARVLAVERFLRDQQLLGIWGCSGKLICTTAVPWNSSWSHNKSLDGIWENMTWMEWEREIDNYTDLIYRLLEESQNQQEKNEQELLELDTWASLWNWFAITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTRLPTPRGPDRPGGIEEEGGESDRDRSGNL

>B.2011.MG196797.-

MDPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPSEGSQIHQDSLSKQ\*VVYVMIPLTILAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHDAPWNVNDL\*CCRAVVGHSLLWGTCMERSNHHFILCIRC\*SI\*NRGT\*CLGYTCLCAHRPQPTRSIIGKCDRKF\*HVEK\*HGRSNAYRYNQFMGSKPKALCTVNPTLCYFKLY\*WDNYQCHC\*RYGHW\*LYH\*RSKKLFFQYHHSNKG\*GAETICTLL\*T\*CSTNR\*\*YY\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*QDVQWIRNMYKCQHSTLYTWN\*TSSVNSIAVKW\*SSRRRDSN\*I\*KFLEQC\*NHNSTADRTCRN\*LHKTQQQYQKKYTYWSTRGSILCNRRHNRRHKTSTL\*H\*\*SKME\*NLTQNS\*KIKRTIWE\*DNSL\*\*VLRRGPRNCHAHL\*LWRGIFLL\*FNTIV\*\*YLA\*\*\*YFE\*Y\*ECK\*NYHTPMQNKTNCKHVAGSRKSNICPSHQRSNQMFIKYYRAATNKRWW\*EQQHQQHHRGGLQT\*GRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKESSGNTRSYVPWILGNSRKHYGRSVTGADGTGQTIVVWYSAAAK\*FAESY\*GATASVATHSLGH\*AAPGKSPGCGKISKGSAAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISGHNLEKHDLDGVGKRN\*QLHRINI\*LN\*AIAEPAGKE\*TRIIGTR\*VGKFVELV\*HNTLAVVYKNIYNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRERQRQIRAI

>B.2011.MG196798.-

MDPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPSEGSQIHQDSLSKQ\*VVYVMIPLTILAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHDAPWNVNDL\*CCRAVVGHSLLWGTCMERSNHHFILCIRC\*SI\*NRGT\*CLGYTCLCAHRPQPTRSIIGKCDRKF\*HVEK\*HGRSNAYRYNQFMGSKPKALCTVNPTLCYFKLY\*WDNYQCHC\*RYGHW\*LYH\*RSKKLFFQYHHSNKG\*GAETICTLL\*T\*CSTNR\*\*YY\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*QDVQWIRNMYKCQHSTLYTWN\*TSSVNSIAVKW\*SSRRRDSN\*I\*KFLEQC\*NHNSTADRTCRN\*LHKTQQQYQKKYTYWSTRGSILCNRRHNRRHKTSTL\*H\*\*SKME\*NLTQNS\*KIKRTIWE\*DNSL\*\*VLRRGPRNCHAHL\*LWRGIFLL\*FNTIV\*\*YLA\*\*\*HFE\*Y\*ECK\*NYHTPMQNKTNCKHVAGSRKSNICPSHQRSNQMFIKYYRAATNKRWW\*EQQHQQHHRGGLQT\*GRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKESSGNTRSYVPWILGNSRKHYGRSVTGADGTGQTIVVWYSAAAK\*FAESY\*GATASVATHSLGH\*AAPGKSPGCGKISKGSAAPRDLGLLWKTHLHHYCALEC\*LK\*\*ISGHNLEKHDLDGVGKRN\*QLHRINI\*LN\*AIAEPAGKE\*TRIIGTR\*VGKFVELV\*HNTLAVVYKNIYNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRERQRQIRAI

>B.2011.MG196805.-

MDPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRXRRRPSEGSQIHQDSLSKQ\*VVYVMIPLTILAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHDAPWNVNDL\*CCRAVVGHSLLWGTCMERSNHHFILCIRC\*SI\*NRGT\*CLGYTCLCAHRPQPTRSIIGKCDRKF\*HVEK\*HGRSNAYRYNQFMGSKPKALCTVNPTLCYFKLY\*WDNYQCHC\*RYGHW\*LYH\*RSKKLFFQYHHSNKG\*GAETICTLL\*T\*CSTNR\*\*YY\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*QDVQWIRNMYKCQHSTLYTWN\*TSSVNSIAVKW\*SSRRRDSN\*I\*KFLEQC\*NHNSTADRTCRN\*LHKTQQQYQKKYTYWSTRGSILCNRRHNRRHKTSTL\*H\*\*SKME\*NLTQNS\*KIKRTIWE\*DNSL\*\*VLRRGPRNCHAXL\*LWRGIFLL\*FNTIV\*\*YLA\*\*\*YFE\*Y\*ECK\*NYHTPMQNKTNCKHVAGSRKSNICPSHQRSNQMFIKYYRAATNKRWW\*EQQHQQHHRGGLQT\*GRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKESSGNTRSYVPWILGNSRKHYGRSVTGADGTGQTIVVWYSAAAK\*FAESY\*GATASVATHSLGH\*AAPGKSPGCGKISKGSAAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISGHNLEKHDLDGVGKGN\*QLHRINI\*LN\*AIAEPAGKE\*TRIIGTR\*VGKFVELV\*HNTLAVVYKNIYNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRERQRQIRAI

>B.2011.MG196806.-

MDPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRSPRRRPSEGSQIHQDSLSKQ\*VVYVMIPLTILAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHDAPWNVNDL\*CCRAVVGHSLLWGTCMERSNHHFILCIRC\*SI\*NRGT\*CLGYTCLCAHRPQPTRSIIGKCDRKF\*HVEK\*HGRSNAYRYNQFMGSKPKALCTVNPTLCYFKLY\*WDNYQCHC\*RYGHW\*LYH\*RSKKLFFQYHHSNKG\*GAETICALL\*T\*CSTNR\*\*YY\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*QDVQWIRNMYKCQHSTLYTWN\*TSSVNSIAVKW\*SSRRRDSN\*I\*KFLEQC\*NHNSTADRTCRN\*LHKTQQQYQKKYTYWSTRGSILCNRRHNRRHKTSTL\*H\*\*SKME\*NLTQNS\*KIKRTIWE\*DNSL\*\*VLRRGPRNCHAHL\*LWRGIFLL\*FNTIV\*\*YLA\*\*\*YFE\*Y\*ECK\*NYHTPMQNKTNCKHVAGSRKSNICPSHQRSNQMFIKYYRAATNKRWW\*EQQHQQHHRGGLQT\*GRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKESSGNTRSCVPWILGNSRKHYGRSVTGADGTGQTIVVWYSAAAK\*FAESY\*GATASVATHSLGH\*AAPGKSPGCGKISKGSAAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISGHNLEKHDLDGVGKRN\*QLHRINI\*LN\*AIAEPAGKE\*TRIIGTR\*VGKFVELV\*HNTLAVVYKNIYNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRERQRQIRAI

>B.2011.MG196807.-

MDPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRSPRRRPSEGSQIHQDSLSKQ\*VVYVMIPLTILAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHDAPWNVNDL\*CCRAVVGHSLLWGTCMERSNHHFILCIRC\*SI\*NRGT\*CLGYTCLCAHRPQPTRSIIGKCDRKF\*HVEK\*HGRSNAYRYNQFMGSKPKALCTVNPTLCYFKLY\*WDNYQCHC\*RYGHW\*LYH\*RSKKLFFQYHHSNKG\*GAETICTLL\*T\*CSTNR\*\*YY\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*QDVQWIRNMYKCQHSTLYTWN\*TSSVNSIAVKW\*SSRRRDSN\*I\*KFLEQC\*NHNSTADRTCRN\*LHKTQQQYQKKYTYWSTRGSILCNRRHNRRHKTSTL\*H\*\*SKME\*NLTQNS\*KIKRTIWE\*DNSL\*\*VLRRGPRNCHAHL\*LWRGIFLL\*FNTIV\*\*YLA\*\*\*YFE\*Y\*ECK\*NYHTPMQNKTNCKHVAGSRKSNICPSHQRSNQMFIKYYRAATNKRWW\*EQQHQQHHRGGLQT\*GRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKESSGNTRSYVPWILGNSRKHYGRSVTGADGTGQTIVVWYSAAAK\*FAESY\*GATASVATHSLGH\*AAPGKSPGCGKISKGSAAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISGHNLEKHDLDGVGKRN\*QLHRINI\*LN\*AIAEPAGKE\*TRIIGTR\*VGKFVELV\*HNTLAVVYKNIYNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIVISDHPPNPEGTTRQARRNRRRRWRERQRQIRAI

>B.2011.MG196808.-

MDPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRSPRRRPSEGSQIHQDSLSKQ\*VVYVMIPLTILAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHDAPWNVNDL\*CCRAVVGHSLLWGTCMERSNHHFILCIRC\*SI\*NRGT\*CLGYTCLCAHRPQPTRSIIGKCDRKF\*HVEK\*HGRSNAYRYNQFMGSKPKALCTVNPTLCYFKLY\*WDNYQCHC\*RYGHW\*LYH\*RSKKLFFQYHHSNKG\*GAETICTLL\*T\*CSTNR\*\*YY\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*QDVQWIRNMYKCQHSTLYTWN\*TSSVNSIAVKW\*SSRRRDSN\*I\*KFLEQC\*NHNSTADRTCRN\*LHKTQQQYQKKYTYWSTRGSILCNRRHNRRHKTSTL\*H\*\*SKME\*NLTQNS\*KIKRTIWE\*DNSL\*\*VLRRGPRNCHAHL\*LWRGIFLL\*FNTIV\*\*YLA\*\*\*YFE\*Y\*ECK\*NYHTPMQNKTNCKHVAGSRKSNICPSHQRSNQMFIKYYRAATNKRWW\*EQQHQQHHRGGLQT\*GRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKESSGNTRSYVPWILGNSRKHYGRSVTGADGTGQTIVVWYSAAAK\*FAESY\*GATASVATHSLGH\*AAPGKSPGCGKISKGSAAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISGHNLEKHDLDGVGKRN\*QLHRINI\*LN\*AIAEPAGKE\*TRIIGTR\*VGKFVELV\*HNTLAVVYKNIYNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRERQRQIRAI

>B.2011.MG196809.-

MDPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRPRRRPSEGSQIHQDSLSKQ\*VVYVMIPLTILAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHDAPWNVNDL\*CCRAVVGHSLLWGTCMERSNHHFILCIRC\*SI\*NRGT\*CLGYTCLCAHRPQPTRSIIGKCDRKF\*HVEK\*HGRSNAYRYNQFMGSKPKALCTVNPTLCYFKLY\*WDNYQCHC\*RYGHW\*LYH\*RSKKLFFQYHHSNKG\*GAETICTLL\*T\*CSTNR\*\*YY\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*QDVQWIRNMYKCQHSTLYTWN\*TSSVNSIAVKW\*SSRRRDSN\*I\*KFLEQC\*NHNSTADRTCRN\*LHKTQQQYQKKYTYWSTRGSILCNRRHNRRHKTSTL\*H\*\*SKME\*NLTQNS\*KIKRTIWE\*DNSL\*\*VLRRGPRNCHAHL\*LWRGIFLL\*FNTIV\*\*YLA\*\*\*YFE\*Y\*ECK\*NYHTPMQNKTNCKHVAGSRKSNICPSHQRSNQMFIKYYRAATNKRWW\*EQQHQQHHRGGLQT\*GRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKESSGNTRSYVPWILGNSRKHYGRSVTGADGTGQTIVVWYSAAAK\*FAESY\*GATASVATHSLGH\*AAPGKSPGCGKISKGSAAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISGHNLEKHDLDGVGKRN\*QLHRINI\*LN\*AIAEPAGKE\*TRIIGTR\*VGKFVELV\*HNTLAVVYKNIYNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRERQRQIRAI

>B.2011.MG196810.-

MDPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPSEGSQIHQDSLSKQ\*VVYVMIPLTILAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHDAPWNVNDL\*CCRTIVGHSLLWGTCMERSNHHFILCFRCKSI\*NRGT\*CLGYTCLCAHGPQPTRSIIGKCDRKL\*HVEK\*HGRSDAYRYNQFMGSKPKALCTVNPTLCYFKLY\*WDIYQCHC\*RYGHW\*LYH\*RSKKLFFQYHHSNKG\*GAETVCTLL\*T\*CSTNR\*\*R\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*QDIQWIRIMYKC\*HSTLYTWN\*TSSVNSIAVK\*\*SSRRRDSN\*I\*KFLEQC\*NHNSTAERTYRN\*LHKTQQQYQKKYTYWSTRGSILCNRRHNRRHKTSTL\*H\*\*SKME\*NLTQNS\*KIKRTIWE\*DNSL\*\*VLRRGPRNCHAHL\*LWRGIFLL\*FNTIV\*\*YLA\*\*\*YFE\*Y\*ECK\*NYHTPMQNKTNCKHVAGSRKSNICPSHQRSNQMFIKYYRAATNKRWW\*E\*QHQQHHRGGLQT\*GRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKESSGNTRSYVPWILGNSRKHYGRSVTGADGTGQTIVVWYSAAAK\*FAESY\*GATASVATHSLGH\*AAPGKSPGCGKISKGSAAPRDLGLLWKTHLHHYCALEC\*LE\*\*ISGHNLEKHDLDGVGKRN\*QLHRINI\*LN\*AIAEPAGKE\*TRIIGTR\*VGKFVELV\*HNTLAVVYKNIYNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRERQRQIRAI

>B.2011.MG196811.-

MDPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRPSEGSQIHQDSLSKQ\*VVYVMIPLTILAIVALVVVTIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHDAPWNVNDL\*CCRAVVGHSLLWGTCMERSNHHFILCFRCKSI\*NRGT\*CLGYTCLCAHGPQPTRSIIGKCDRKL\*HVEK\*HGRSDAYRYNQFMGSKPKALCTVNPTLCYFKLY\*WDIYQCHC\*RYGHW\*LYH\*RSKKLFFQYHHSNKG\*GAETVCTLL\*T\*CSTNR\*\*R\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*QDVQWIRNMYKCQHSTLYTWN\*TSSVNSIAVKW\*SSRRRDSN\*I\*KFLEQC\*NHNSTAERTYRN\*LHKTQQQYQKKYTYWSTRGSILCNRRHNRRHKTSTL\*H\*\*SKME\*NLTQNS\*KIKRTIWE\*DNSL\*\*VLRRGPRNCHAHL\*LWRGIFLL\*FNTIV\*\*YLA\*\*\*YFE\*Y\*ECK\*NYHTPMQNKTNCKHVAGSRKSNICPSHQRSNQMFIKYYRAATNKRWW\*E\*QHQQHHRGGLQT\*GRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKESSGNTRSYVPWILGNSRKHYGRSVTGADGTGQTIIVWNSATAKQFAESY\*GATASVATHSLGH\*AAPGKSPGCGKISKGSTAPGDLGLLWKTHLHYYCALEC\*LE\*\*ISGHNLEKHDLDGVGKRN\*QLHRLNI\*LN\*AIAEPAGKE\*TRIIGIR\*VGKFVELV\*HNTLAVVYKNIYNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRERQRQIRAI

>B.2011.MG196814.-

MDPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRPRRRPSEGSQIHQVSLSRQ\*VVHVMIPLTILAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHDAPWNVNDL\*CCRTVVGHSLLWGTCVERSNHHFILCFRC\*SI\*NRGT\*CLGYTCLCAHGPQPTRSIIGKCDRKF\*HVEK\*HGRPDAYRYNQFMGSKPKALCKVNPTLCYFKLY\*FENYQCH\*\*RYDH\*\*RYGHW\*LLGDH\*RSKKLFFQYHHSNKG\*SAETVCTLL\*T\*YSTNR\*\*R\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*QDVQWIRIMYKCQHSTLYTWN\*TSSVNSIAVKW\*SSRRRDST\*I\*KFLEQC\*NHNSTAENPCRN\*LHKTQQ\*YQKRSTYWITRERILCNRKHNRRYKKSTL\*H\*CSKME\*HLTRNSSKIKRTIWE\*DNSL\*\*FLRRGPRNCHAHL\*LWRGIFLL\*YNTIV\*\*HLA\*\*\*Y\*YWE\*Y\*ECK\*NYHTPMQNKTNYKHVAGSRKSNVCPSHQRSNQMFIKYYRAATNKRWW\*EQQHQQHHHRGLQT\*GGKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKESGGNTRSYVPWILGSSRKHYGRSVTDADGTGQTIVVWYSATAKQFAESY\*GATASVATHSLGH\*AAPGKSPGCGKISKGSTAPRDLGLLWKTHLHYYCALEC\*LE\*\*ISGHNLEKHDLDGVGKRN\*QLHRLNI\*LN\*AIAEPAGKE\*TRIIGTR\*VGKFVELV\*YNTLAVVYKNIYNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRERQRQIRAI

>B.2011.MG196815.-

MDPVDPRLEPWKHPGSQPSTPCTNCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPSEGSQIHQDSLSKQ\*VVHVMIPLTILAIVALVVVAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVERGHDAPWNVNDL\*CCRTIVGHSLLWGTCMERSNHHFILCFRCKSI\*NRGT\*CLGYTCLCAHGPQPTRSIIGKCDRKL\*HVEK\*HGRSDAYRYNQFMGSKPKALCTVNPTLCYFKLY\*WDIYQCHC\*RYGHW\*LYH\*RSKKLFFQYHHSNKG\*GAETVCTLL\*T\*CSTNR\*\*R\*Y\*L\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*QDIQWIRIMYKCQHSTLYTWN\*TSSVNSIAVKW\*SSRRRDSN\*I\*KFLEQC\*NHNSTAERTYRN\*LHKTQQQYQKKYTYWSTRSSILCNRRHNRRHKTSTL\*H\*\*SKME\*NLTQNS\*KIKRTIWE\*DNSL\*\*VLRRGPRNCHAHL\*LWRGIFLL\*FNTIV\*\*YLA\*\*\*YFE\*Y\*ECK\*NYHTPMQNKTNCKHVAGSRKSNICPSHQRSNQMFIKYYRAATNKRWW\*E\*QHQQHHRGGLQT\*GRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKESSGNTRSYVPWILGNSRKHYGRSVTGADGTGQTIIVWNSATAKQFAESY\*GATASVATHSLGH\*AAPGKSPGCGKISKGSTAPGDLGLLWKTHLHYYCALEC\*LE\*\*ISGHNLEKHDLDGVGKRN\*QLHRLNI\*LN\*AIAEPAGKE\*TRIIGIR\*VGKFVELV\*HNTLAVVYKNIYNDSRRLDRFKNSFCCTFYSE\*S\*AGILTIVISDPPPNPEGTTRQARRNRRRRWRERQRQIRAI

>B.2012.MG196816.-

MEPVDPSLEPWKHPGSQPKTACTSCYCKKCCYHCQACFTRKGLGIYYGRKKRRQRRRSPQDHQAHQSDLQKQ\*VIYVMNSLVILSIVALVVVAIIAIVVWSIVLIEYRRILRQRRIDRLIDRIRERAEDSGNESEGDQEELLVEMGHDAPWDVADL\*C\*\*KLVGHSLLWSTCVERSNHYSILCIRC\*SNCYRGT\*CLGHTCLRAHRP\*PTRSTIECDRKL\*YVEK\*HGRTDARGYNQFMGSKPKTMCKINPTLCYFTLY\*CH\*RQ\*NSQYQYNSQ\*NKKLLFQYHHRLKR\*DEGRTCTFLCTRCSTNR\*\*D\*\*\*L\*VDKL\*RLSHYTGLSKSIL\*TNSHTLLCPGWFCDSKVQ\*\*DVQWKRSM\*QCQHSTMYTWN\*ASSINSTTVKWQSSRRGSN\*I\*QFYEQC\*NHNSTAERICSN\*LYKTQQ\*YKKKYPYRTRESILCNRRYNRRHKASIL\*H\*\*NRME\*NFRTDS\*KIKRPIWKE\*DNKVSTTRRRGPRNCNTQF\*LWRGIFLL\*FNKTV\*\*YLEC\*\*YLE\*Y\*RAREHHPPM\*NKTIYQHVAGSRKSNVCPSHQRTN\*MFIKYYRDTID\*RWW\*W\*QHREQYRDLQTWRRRHEG\*LEK\*II\*IQSGKN\*TIRSSTHQGKEKSGAERKESSDTGSFVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAKQFAEGY\*GAAASVATHSLGHQTAPGKSPGCGEIPKGSTAPGDLGLLWKTHLHHYCAVEC\*LE\*\*ILHSYLG\*HDLDGVGKRN\*KLHRSNIQLN\*TIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHYDSRRLDRFKNSFFCTFYSK\*G\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.2012.MG196818.-

MEPVDPSLEPWKHPGSQPKTACTSCYCKKCCYHCQACFTRKGLGIYYGRKKRRQRRRSPQDHQAHQSDLQKQ\*VIYVMNSLVILSIVALVVVAIIAIVVWSIVLIEYRRILRQRRIDRLIDRIRERAEDSGNESEGDQEELLVEMGHDAPWDVADL\*C\*\*KLVGHSLLWSTCVERSNHYSILCIRC\*SNCYRGT\*CLGHTCLRAHRP\*PTRSTIECDRKL\*YVEK\*HGRTDARGHNQFMGSKPKTMCKINPTLCYFTLY\*CQ\*NSQCQ\*NSQCH\*\*LWRNKKLLFQYHHRLKR\*DEGRTCTFLCTRCSTNR\*\*D\*\*\*L\*VDKL\*RLSHYTGLSKSIL\*TNSHTLLCPGWFCDSKVQ\*\*DVQWKRSM\*QCQHSTMYTWN\*ASSINSTTVKWQSSRRGSN\*I\*QFYEQC\*NHNSTAERICSN\*LYKTQQ\*YKKKYPYRTRESILCNRRYNRRHKASIL\*H\*\*NRME\*NFRTDS\*KIKRPIWKE\*DNKVSTTRRRGPRNCNTQF\*LWRGIFLL\*FNKTV\*\*YLEC\*\*YLE\*Y\*RAREHHPPM\*NKTIYQHVAGSRKSNVCPSHQRTN\*MFIKYYRDTID\*RWW\*W\*QHREQYRDLQTWRRRHEG\*LEK\*II\*IQSGKN\*TIRSSTHQGKEKSGAERKESSDTGSFVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAKQFAEGY\*GAAASVATHSLGHQTAPGKSPGCRKIPKGSTAPGDLGLLWKTHLHHYCAVEC\*LE\*\*ILHSYLG\*HDLDGVGKRN\*KLHRSNIQLN\*TIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHYDSRRLDRFKNSFFCTFYSK\*G\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.2012.MG196819.-

MEPVDPSLEPWKHPGSQPKTACTSCYCKKCCYHCQACFTRKGLGIYYGRKKRRQRRRSPQDHQAHQSDLQKQ\*VIYVMNSLVILSIVALVVVAIIAIVVWSIVLIEYRRILRQRRIDRLIDRIRERAEDSGNESEGDQEELLVEMGHDAPWDVADL\*C\*\*KLVGHSLLWSTCVERSNHYSILCIRC\*SNCYRGT\*CLGHTCLRAHRP\*PTRSTIECDRKL\*YVEK\*HGRTDARGYNQFMGSKPKTMCKINPTLCYFTLY\*CQ\*NSQCQ\*NSQCH\*\*LWRNKKLLFQYHHRLKR\*DEGRTCTFLCTRCSTNR\*\*D\*\*\*L\*VDKL\*RLSHYTGLSKSIL\*TNSHTLLCPGWFCDSKVQ\*\*DVQWKRSM\*QCQHSTMYTWN\*ASSINSTTVKWQSSRRGSN\*I\*QFYEQC\*NHNSTAERICSN\*LYKTQQ\*YKKKYPYRTRESILCNRRYNRRHKASIL\*H\*\*NRME\*NFRTDS\*KIKRPIWKE\*DNKVSTTRRRGPRNCNTQF\*L\*RGIFLL\*FNKTV\*\*YLEC\*\*YLE\*Y\*RAREHHPPM\*NKTIYQHVAGSRKSNVCPSHQRTN\*MFIKYYRDTID\*RWW\*W\*QHREQYRDLQTWRRRHEG\*LEK\*II\*IQSGKN\*TIRSSTHQGKEKSGAERKESSDTGSFVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAKQFAEGY\*GAAASVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCAVEC\*LE\*\*ILHSYLG\*HDLDGVGKRN\*KLHRSNIQLN\*TIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHYDSRRLDRFKNSFFCTFYSK\*G\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.2012.MG196820.-

MEPVDPSLEPWKHPGSQPKTACTSCYCKKCCYHCQACFTRKGLGIYYGRKKRRQRRRSPQDHQAHQSDLQKQ\*VIYVMNSLVILSIVALVVVAIIAIVVWSIVLIEYRRILRQRRIDRLIDRIRERAEDSGNESEGDQEELLVEMGHDAPWDVADL\*C\*\*KLVGHSLLWSTCVERSNHYSILCIRC\*SNCYRGT\*CLGHTCLRAHRP\*PTRSTIECDRKL\*YVEK\*HGRTDARGHNQFMGSKPKTMCKINPTLCYFTLY\*CQ\*NSQCQ\*NSQCH\*\*LWRNKKLLFQYHHRLKR\*DEGRTCTFLCTRCSTNR\*\*D\*\*\*L\*VDKL\*RLSHYTGLSKSIL\*TNSHTLLCPGWFCDSKVQ\*\*DVQWKRSM\*QCQHSTMYTWN\*ASSINSTTVKWQSSRRGSN\*I\*QFYEQC\*NHNSTAERICSN\*LYKTQQ\*YKKKYPYRARESILCNRRYNRKHKASIL\*H\*\*NRMGENFRTDS\*KIKRPIWEG\*DNKVSTTRRRGPRNCNTQF\*LWRGIFLL\*FNKTV\*\*YLEC\*\*YLE\*Y\*RVREHHPPM\*NKTIYKHVAGSRKSNVCPSHQGTN\*MFIKYYRDTID\*RWW\*W\*QHREQYRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSDTGSFVPWILGSSRKHYGRSVNDADGTSQTIIVWYSATAKQFAEGY\*GAAASVATHSLGY\*TAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCAVEC\*LE\*\*ILHSYLG\*HDLDGVGKRN\*KLHRSNIQLN\*TIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHYDSRRLDRFKNSFFCTFYSK\*G\*AGILTTVISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.2012.MG196821.-

MEPVDPSLEPWKHPGSQPKTACTSCYCKKCCYHCQACFTRKGLGIYYGRKKRRQRRRSPQDHQAHQSDLQKQQVIYVMNSLVILSIVALVVVAIIAIVVWSIVLIEYRRILRQRRIDRLIDRIRERAEDSGNESEGDQEELLVEMGHDAPWDVADL\*C\*\*KLVGHSLLWSTCVERSNHYSILCIRC\*SNCYRGT\*CLGHTCLRAHRP\*PTRSTIECDRKL\*YVEK\*HGRTDARGHNQFMGSKPKTMCKINPTLCYFTLY\*CQ\*NSQCQ\*NSQCH\*\*LWRNKKLLFQYHHRLKR\*DEGRTCTFLCTRCSTNR\*\*D\*\*\*L\*VDKL\*RLSHYTGLSKSIL\*TNSHTLLCPGWFCDSKVQ\*\*DVQWKRSM\*QCQHSTMYTWN\*ASSINSTTVKWQSSRRGSN\*I\*QFYEQC\*NHNSTAERICSN\*LYKTQQ\*YKKKYPYRARESILCNRRYNRKHKASIL\*H\*\*NRMGENFRTDS\*KIKRPIWEG\*DNKVSTTRRRGPRNCNTQF\*LWRGIFLL\*FNKTV\*\*YLEC\*\*YLE\*Y\*RVREHHPPM\*NKTIYKHVAGSRKSNVCPSHQGTN\*MFIKYYRDTID\*RWW\*W\*QHREQYRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSDTGSFVPWILGSSRKHYGRSVNDADGTSQTIIVWYSATAKQFAEGY\*GAAASVATHSLGH\*TAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHYCAVEC\*LE\*\*ILHSYLG\*HDLDGVGKRN\*KLHRSNIQLN\*TIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKNIHYDSRRLDRFKNSFFCTFYSK\*G\*AGILTTVISDPPPNPEGTRQARRNRRRRWRERQRQIRKI

>B.2012.MG196822.-

MEPVDPKLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFIXKGLGISYGRKKRRQRRGTPQDSQTHQASLSKQ\*VVHVMQSFQILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHHAPWDIDDL\*C\*RKVVGHSLLWSTCVERSNYHSILCIRC\*SI\*YRGT\*XLGHTCLCTHRPQPTRSIIGKCDRGI\*HVEK\*HGRTNA\*RYNQLMGSKPKAMCKTNPTLCYFKLH\*LEYY\*C\*CY\*NL\*\*YLGNDRARSKKLLF\*GHHTRKR\*DEERICTLL\*N\*CSTNR\*\*\*\*\*S\*L\*VVKL\*HLSHYTSLSKSIF\*TNTHTLLCPGWFCDSKM\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSINSAAVKWQSSRRRGNN\*I\*KFHEQC\*YHNSTTE\*NCKN\*LYKTQQQYQKEYTSRTRESILCNK\*DNRRYKKSTL\*H\*\*SRVE\*HFKKDS\*QIKRTIWEK\*NNNL\*SILRRGPRNCIPQF\*LRRGIFLL\*YIKTV\*\*YLELYYREFYYRVK\*LNRKHHTPMQNKTNYKHVAGSRKSNVCPSHQRTNQLHIKYYRAXDNKRWW\*\*YREQGDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVANADGTGQTTIVWYSATAEQLAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWETHLHHRCALEY\*LE\*\*ISKLYLG\*HDLDGVG\*RN\*QLHKHNMVLT\*RIAEPTGKE\*TRIIRIR\*MGKFVELV\*HIKLAVVYKNIHNDSGRLDRFKNNFFCTFFSE\*SXAGIFTIVIADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2012.MG196823.-

MEPVDPKLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRGTPQDSQTHQASLSKQ\*VVHVMQSFQILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHHAPWDIDDL\*C\*RKVVGHSLLWSTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRGI\*HVEK\*HGRTNA\*RYNQLMGSKPKAMCKTNPTLCYFKLH\*LEYY\*C\*CY\*NL\*\*YLGNDRARSKKLLF\*GHHTRKR\*DEERICTLL\*N\*CSTNR\*\*\*\*\*S\*L\*VVKL\*HLSHYTSLSKSIF\*TNTHTLLCPGWFCDSKM\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSINSAAVKWQSSRRRGNN\*I\*KFHEQC\*YHNSTTE\*NCKN\*LYKTQQQYQKEYTSRTRESILCNK\*DNRRYKKSTL\*H\*\*SRVE\*HFKKDS\*QIKRTIWEK\*NNNL\*SILRRGPRNCIPQF\*LRRGIFLL\*YIKTV\*\*YLELYYREFYYRVK\*LNRKHHTPMQNKTNYKHVAGSRKSNVCPSHQRTNQLHIKYYRAADNKRWW\*\*YREQGDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVANADGTGQTTIVWYSATAEQLAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWETHLHHRCALEY\*LE\*\*ISKLYLG\*HDLDGVG\*RN\*QLHKHNMVLT\*RIAEPTGKE\*TRIIRIR\*MGKFVELV\*HIKLAVVYKNIHNDSGRLDRFKNNFFCTFFSE\*S\*AGIFTIVIADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2012.MG196824.-

MEPVDPKLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRGTPQDSQTHQASLSKQ\*VVHVMQSFQILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHHAPWDIDDL\*C\*RKVVGHSLLWSTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRGI\*HVEK\*HGRTNA\*RYNQLMGSKPKAMCKTNPTLCYFKLH\*LEYY\*C\*CY\*NL\*\*YLGNDRARSKKLLF\*GHHTRKR\*DEERICTLL\*N\*CSTNR\*\*\*\*\*S\*L\*VVKL\*HLSHYTSLSKSIF\*TNTHTLLCPGWFCDSKM\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSINSAAVKWQSSRRRGNN\*I\*KFHEQC\*YHNSTTE\*NCKN\*LYKTQQQYQKEYTSRTRESILCNK\*DNRRYKKSTL\*H\*\*SRVE\*HFKKDS\*QIKRTIWEK\*NNNL\*SILRRGPRNCIPQF\*LRRGIFLL\*YIKTV\*\*YLELYYREFYYRVK\*LNRKHHTPMQNKTNYKHVAGSRKSNVCPSHQRTNQLHIKDYRAADNKRWW\*\*YREQGDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVANADGTGQTTIVWYSATAEQLAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWETHLHHRCALEY\*LE\*\*ISKLYLG\*HDLDGVG\*RN\*QLHKHNMVLT\*RIAEPTGKE\*TRIIRIR\*MGKFVELV\*HIKLAVVYKNIHNDSGRLDRFKNNFFCTFFSE\*S\*AGIFTIVIADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2012.MG196825.-

MEPVDPKLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRGTPQDSQTHQASLSKQ\*VVHVMQSFQILAIIALVVAAILAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHHAPWDIDDL\*C\*RKVVGHSLLWSTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRGI\*HVEK\*HGRTNA\*RYNQLMGSKPKAMCKTNPTLCYFKLH\*LEYY\*C\*CY\*NL\*\*YLGNDRARSKKLLF\*GHHTRKR\*DEERICTLL\*N\*CSTNR\*\*\*\*\*S\*L\*VVKL\*HLSHYTSLSKSIF\*TNTHTLLCPGWFCDSKM\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSINSAAVKWQSSRRRGNN\*I\*KFHEQC\*YHNSTTE\*NCKN\*LYKTQQQYQKEYTSRTRESILCNK\*DNRRYKKSTL\*H\*\*SRVE\*HFKKDS\*QIKRTIWEK\*NNNL\*SILRRGPRNCIPQF\*LRRGIFLL\*YIKTV\*\*YLELYYREFYYRVK\*LNRKHHTPMQNKTNYKHVAGSRKSNVCPSHQRTNQLHIKYYRAADNKRWW\*\*YREQGDLQTWRRRYEGQLEK\*II\*I\*SSKIEPLGVAPTKARRRVVQREKRAVGIGAVFLGFLGAAGSTMGAASLTLTVQARLLLSGIVQQQNNLLRAIEAQQRMLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNTSWSNKSLNYIWDNMTWMEWDREINNYTSIIWSLLEESQNQQEKNEQELLELDKWANLWNWFDISNWLWYIKIFIMIVGGLIGLRIIFSVLSLVNRVRQGYSPLSLQTLLPTPRGPDRPGGIEEEGGERDRGTSGRL

>B.2012.MG196826.-

MEPVDPKLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRGTPQDSQTHQASLSKQ\*VVHVMQSFQILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHHAPWDIDDL\*C\*RKVVGHSLLWSTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRGI\*HVEK\*HGRTNA\*RYNQLMGSKPKAMCKTNPTLCYFKLH\*LEYY\*C\*CY\*NL\*\*YLGNDRARSKKLLF\*GHHTRKR\*DEERICTLL\*N\*CSTNR\*\*\*\*\*S\*L\*VVKL\*HLSHYTSLSKSIF\*TNTHTLLCPGWFCDSKM\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSINSAAVKWQSSRRRGNN\*I\*KFHEQC\*YHNSTTE\*NCKN\*LYKTQQQYQKEYTSRTRESILCNK\*DNRRYKKSTL\*H\*\*SRVE\*HFKKDS\*QIKRTIWEK\*NNNL\*SILRRGPRNCIPQF\*LRRGIFLL\*YIKTV\*\*YLELYYREFYYRVK\*LNRKHHTPMQNKTNYKHVAGSRKSNVCPSHQRTNQLHIKYYRAADNKRWW\*\*YREQGDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVANADGTGQTTIVWYSATAEQLAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWETHLHHRCALEY\*LE\*\*ISKLYLG\*HDLDGVG\*RN\*QLHKHNMVLT\*RIAEPTGKE\*TRIIRIR\*MGKFVELV\*HIKLAVVYKNIHNDSGRLDRFKNNFFCTFFSE\*S\*AGIFTIVIADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2012.MG196827.-

MEPVDPKLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRGTPQDSQTHQASLSKQ\*VVHVMQSFQILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHHAPWDIDDL\*C\*RKVVGHSLLWSTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRGI\*HVEK\*HGRTNA\*RYNQLMGSKPKAMCKTNPTLCYFKLH\*LEYY\*C\*CY\*NL\*\*YLGNDRARSKKLLF\*GHHTRKR\*DEERICTLL\*N\*CSTNR\*\*\*\*\*S\*L\*VVKL\*HLSHYTSLSKSIF\*TNTHTLLCPGWFCDSKM\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSINSAAVKWQSSRRRGNN\*I\*KFHEQC\*YHNSTTE\*NCKN\*LYKTQQQYQKEYTSRTRESILCNK\*DNRRYKKSTL\*H\*\*SRVE\*HFKKDS\*QIKRTIWEK\*NNNL\*SILRRGPRNCIPQF\*LRRGIFLL\*YIKTV\*\*YLELYYREFYYRVK\*LNRKHHTPMQNKTNYKHVAGSRKSNVCPSHQRTNQLHIKYYRAADNKRWW\*\*YREQGDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVANADGTGQTTIVWYSATAEQLAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWETHLQHRCALEY\*LE\*\*ISKLYLG\*HDLDGVG\*RN\*QLHKHNMVLT\*RIAEPTGKE\*TRIIRIR\*MGKFVELV\*HIKLAVVYKNIHNDSGRLDRFKNNFFCTFFSE\*S\*AGIFTIVIADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2012.MG196828.-

MEPVDPKLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRGTPQDSQTHQASLSKQ\*VVHVMQSFQILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHHAPWDIDDL\*C\*RKVVGHSLLWSTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRGI\*HVEK\*HGRTNA\*RYNQLMGSKPKAMCKTNPTLCYFKLH\*LEYY\*C\*CY\*NL\*\*YLGNDRARSKKLLF\*GHHTRKR\*DEERICTLL\*N\*CSTNR\*\*\*\*\*S\*L\*VVKL\*HLSHYTSLSKSIF\*TNTHTLLCPGWFCDSKM\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSINSAAVKWQSSRRRGNN\*I\*KFHEQC\*YHNSTTE\*NCKN\*LYKTQQQYQKEYTSRTRESILCNK\*DNRRYKKSTL\*H\*\*SRVE\*HFKKDS\*QIKRTIWEK\*NNNL\*SILRRGPRNCIPQF\*LRRGIFLL\*YIKTV\*\*YLELYYREFYYRVK\*LNRKHHTPMQNKTNYKHVAGSRKSNVCPSHQRTNQLHIKYYRAADNKRWW\*\*YREQGDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVANADGTGQTTIVWYSATAEQLAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWETHLHHRCALEY\*LE\*\*ISKLYLG\*HDLDGVG\*RN\*QLHKHNMVLT\*RIAEPTGKE\*TRIIRIR\*MGKFVELV\*HIKLAVVYKNIHNDSGRLDRFKNNFFCTFFSE\*S\*AGIFTIVIADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2012.MG196829.-

MEPVDPKLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRGTPQDSQTHQASLSKQ\*VVHVMQSFQILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHHAPWDIDDL\*C\*RKVVGHSLLWSTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRGI\*HVEK\*HGRTNA\*RYNQLMGSKPKAMCKTNPTLCYFKLH\*LEYY\*C\*CY\*NL\*\*YLGNDRARSKKLLF\*GHHTRKR\*DEERICTLL\*N\*CSTNR\*\*\*\*\*S\*L\*VVKL\*HLSHYTSLSKSIF\*TNTHTLLCPGWFCDSKM\*\*\*DVQWNRTMHKCQHSTMSSSINSAAVKWQSSRRRGNN\*I\*KFHEQC\*YHNSTTE\*NCKN\*LYKTQQQHQKEYTSRTRESILCNK\*DNRRYKKSTL\*H\*\*SRVE\*HFKKDS\*QIKRTIWEK\*NNNL\*SILRRGPRNCIPQF\*LRRGIFLL\*YIKTV\*\*YLELYYREFYYRVK\*LNRKHHTPMQNKTNYKHVAGSRKSNVCPSHQRTNQLHIKYYRAADNKRWW\*\*YREQGDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGGSRKHYGRSVANADGTGQTTIVWYSATAEQLAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWETHLHHRCALEY\*LE\*\*ISKLYLG\*HDLDGVG\*RN\*QLHKHNMVLT\*RIAEPTGKE\*TRIIRIR\*MGKFVELV\*HIKLAVVYKNIHNDSGRLDRFKNNFFLYFL\*\*IELGRDIHHCHCRPSSQPRGDPTGPEESKKKVERETEAHPVD\*

>B.2012.MG196830.-

MEPVDPKLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRGTPQDSQTHQASLSKQ\*VVHVMQSFQILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHHAPWDIDDL\*C\*RKVVGHSLLWSTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRGI\*HVEK\*HGRTNA\*RYNQLMGSKPKAMCKTNPTLCYFKLH\*LEYY\*C\*CY\*NL\*\*YLGNDRARSKKLLF\*GHHTRKR\*DEERICTLL\*N\*CSTNR\*\*\*\*\*S\*L\*VVKL\*HLSHYTSLSKSIF\*TNTHTLLCPGWFCDSKM\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSINSAAVKWQSSRRRGNN\*I\*KFHEQC\*YHNSTTE\*NCKN\*LYKTQQQYQKEYTSRTRESILCNK\*DNRRYKKSTL\*H\*\*SRVE\*HFKKDS\*QIKRTIWEK\*NNNL\*SILRRGPRNCIPQF\*LRRGIFLL\*YIKTV\*\*YLELYYREFYYRVK\*LNRKHHTPMQNKTNYKHVAGSRKSNVCPSHQRTNQLHIKYYRAADNKRWW\*\*YREQGDLQTWXRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVANADGTGQTTIVWYSATAEQLAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWETHLHHRCALEY\*LE\*\*ISKLYLG\*HDLDGVG\*RN\*QLHKHNMVLT\*RIAEPTGKE\*TRIIRIR\*MGKFVELV\*HIKLAVVYKNIHNDSGRLDRFKNNFFCTFFSE\*S\*AGIFTIVIADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2012.MG196831.-

MEPVDPKLEPWKHPGSQPKTACTKCYCKRCCFHCQVCFISKGLGISYGRKKRRQRRGTPQDSQTHQASLSKQ\*VVHVMQSFQILAIVALVVAAILAIVVWTIVLIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVDMGHHAPWDIDDL\*C\*RKVVGHSLLWSTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSIIGKCDRGI\*HVEK\*HGRTNA\*RYNQLMGSKPKAMCKTNPTLCYFKLH\*LEYY\*C\*CY\*NL\*\*YLGNDRARSKKLLF\*GHHTRKR\*DEERICTLL\*N\*CSTNR\*\*\*\*\*S\*L\*VVKL\*HLSHYTSLSKSIF\*TNTHTLLCPGWFCDSKM\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSINSAAVKWQSSRRRGNN\*I\*KFHEQC\*YHNSTTE\*NCKN\*LYKTQQQYQKEYTSRTRESILCNK\*DNRRYKKSTL\*H\*\*SRVE\*HFKKDS\*QIKRTIWEK\*NNNL\*SILRRGPRNCIPQF\*LRRGIFLL\*YIKTV\*\*YLELYYREFYYRVK\*LNRKHHTPMQNKTNYKHVAGSRKSNVCPSHQRTNQLHIKYYRAADNKRWW\*\*YREQGDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVANADGTGQTTIVWYSATAEQLAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRNLGLLWETHLHHRCALEY\*LE\*\*ISKLYLG\*HDLDGVG\*RN\*QLHKHNMVLT\*RIAEPTGKE\*TRIIRIR\*MGKFVELV\*HIKLAVVYKNIHNDSGRLDRFKNNFFCTFFSE\*S\*AGIFTIVIADPPPNPEGTRQARRNRRRRWRERQRHIRSI

>B.2012.MG196832.-

MDPVDPKLEPWKHPGSQPKTACTNCYCKMCCFHCQVCFIKKGLGISYGRKKRRQRRRSPPGSQTNQDSLSKQ\*VVYVMQPLVIVSIVALVVVALIAIVVWSIVLIEYRKILRQRKIDRIINRISERAEDSGNESDGDREELSALVDMGHDAPWDINDL\*CYREIVGYSLLWGTCMERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRV\*YVEK\*HGRTDA\*GHNQFMGSKPKAMCKTNPTLCHLKLHGL\*GE\*HPERQ\*E\*GGRRNEKLLFQCHLWYKR\*GAERICTFL\*T\*CSTNRREW\*C\*\*QL\*VDKL\*HLSHYTGLSKGILSANSHTLLCPSWFCDSKM\*K\*NVRWKRTM\*KCQHSTMYTWN\*ASSINSITVEWQSSRKGNSN\*I\*QYLRKC\*NHNSAVKKPCTN\*LYTTKQQYKKKYKHRTRESILCNRRHNRKYKTSTL\*H\*\*KRLEQHFKRSSKKINGTFWE\*NNSL\*QVLRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*HLVY\*\*YSV\*\*Y\*GIK\*NYHTPMQNKTGYKPVAGSRKSNVCPSYQGTN\*M\*LKHYRNTINKRWW\*HK\*HQWN\*DLQASRRKYEG\*LEK\*II\*I\*SSTN\*TIRTSTHQGKEXSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQTVIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGESPGCGKIPKGSTAPGDLGLLWKAHLHHCCALEC\*LE\*\*ISRTDME\*HDLDGVGKGN\*PIHRHNIQLN\*TIAKPTRKE\*TRFIGIR\*MGKFVELV\*HNTMAVVYKNIHNDSRRLNRFKNNFFCPFYSKKS\*AGILTIIVSDPPPSTEGTRQARRNRRRRWRERQRHIHKI

>B.2012.MG196833.-

MDPVDPKLEPWKHPGSQPKTACTNCYCKMCCFHCQVCFIKKGLGISYGRKKRRQRRRSPPGSQTNQDSLSKQ\*VVYVMQPLVIVSIVALVVVALIAIVVWSIVLIEYRKILRQRKIDRIINRISERAEDSGNESDGDREELSALVDMGHDAPWDINDL\*CYREIVGYSLLWGTCMERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRV\*YVEK\*HGRTDA\*GHNQFMGSKPKAMCKTNPTLCHLKLHGL\*GE\*HPERQ\*E\*GGRRNEKLLFQCHLWYKR\*GAERICTFL\*T\*CSTNRREW\*C\*\*QL\*VDKL\*HLSHYTGLSKGILSANSHTLLCPSWFCDSKM\*K\*NVRWKRTM\*KCQHSTMYTWN\*ASSINSITVEWQSSRKGNSN\*I\*QYLRKC\*NHNSAVKKPCTN\*LYTTKQQYKKKYKHRTRESILCNRRHNRKYKTSTL\*H\*\*KRLEQHFKRSSKKLMVHFGNKTIAFNKSSGGDLEIVMHTFNCGGEFFYCNTTPLFNSTWSINDTLSNNTRESNKTITLQCRIKQVINLWQEVGKAMYAPPIRGPIRCDSNITGILLTRDGGNTNDTNGTEIFRPQGGNMKDNWRSELYKYKVVQIKPLGLAPTKAKRRVVQREKRAVGLGALFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNASWSNKSQEQIWNNMTWMEWEKEIDQYTDTIYNLIEQSKNQQEKNEQDLLALDKWASLWNWFNITQWLWYIKIFIMIVGGLIGLRIIFSVLSIVKRVRQGYSPLSFQTHRPAQRGPDRPEGTEEEGGERDRGTSTRL

>B.2012.MG196834.-

MDPVDPKLEPWKHPGSQPKTACTNCYCKMCCFHCQVCFIKKGLGISYGRKKRRQRRRSPPGSQTNQDSLSKQ\*VVYVMQPLVIVSIVALVVVALIAIVVWSIVLIEYRKILRQRKIDRIINRISERAEDSGNESDGDREELSALVDMGHDAPWDINDL\*CYREIVGYSLLWGTCMERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRV\*YVEK\*HGRTDA\*GHNQFMGSKPKAMCKTNPTLCHLKLHGL\*GE\*HPERQ\*E\*GGRRNEKLLFQCHLWYKR\*GAERICTFL\*T\*CSTNRREW\*C\*\*QL\*VDKL\*HLSHYTGLSKGILSANSHTLLCPSWFCDSKM\*K\*NVRWKRTM\*KCQHSTMYTWN\*ASSINSITVEWQSSRKGNSN\*I\*QYLRKC\*NHNSAVKKPCTN\*LYTTKQQYKKKYKHRTRESILCNRRHNRKYKTSTL\*H\*\*KRLEQHFKRSSKKINGTFWE\*NNSL\*QVLRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*HLVY\*\*YSV\*\*Y\*GIK\*NYHTPMQNKTGYKPVAGSRKSNVCPSYQGTN\*M\*LKHYRNTINKRWW\*HK\*HQWN\*DLQASRRKYEG\*LEK\*II\*I\*SSTN\*TIRTSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQTVIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGESPGCGKIPKGSTAPGDLGLLWKAHLHHCCALEC\*LE\*\*ISRTDME\*HDLDGVGKGN\*PIHRHNIQLN\*TIAKPTRKE\*TRFIGIR\*MGKFVELV\*HNTMAVVYKNIHNDSRRLNRFKNNFFCPFYSKKS\*AGILTIIVSDPPPSTEGTRQARRNRRRRWRERQRHIHKI

>B.2012.MG196835.-

MDPVDPKLEPWKHPGSQPKTACTNCYCKMCCFHCQVCFIKKGLGISYGRKKRRQRRRSPPGSQTNQDSLSKQ\*VVYVMQPLVIVSIVALVVVALIAIVVWSIVLIEYRKILRQRKIDRIINRISERAEDSGNESDGDREELSALVDMGHDAPWDINDL\*CYREIVGYSLLWGTCMERSKHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNKIGKCDRRV\*YVEK\*HGRTDA\*GHNQFMGSKPKAMCKTNPTLCHLKLHGL\*GE\*HPERQ\*E\*GGRRNEKLLFQCHLWYKR\*GAERICTFL\*T\*CSTNRREW\*C\*\*QL\*VDKL\*HLSHYTGLSKGILSANSHTLLCPSWFCDSKM\*K\*NVRWKRTM\*KCQHSTMYTWN\*ASSINSITVEWQSSRKGNSN\*I\*QYLRKC\*NHNSAVKKPCTN\*LYTTKQQYKKKYKHRTRESILCNRRHNRKYKTSTL\*H\*\*KRLEQHFKRSSKKINGTFWE\*NNSL\*QVLRRGPRNCNAHF\*LWRGIFLL\*YNTTV\*\*HLVY\*\*YSV\*\*Y\*GIK\*NYHTPMQNKTGYKPVAGSRKSNVCPSYQGTN\*M\*LKHYRNTINKRWW\*HK\*HQWN\*DLQASRRKYEG\*LEK\*II\*I\*SSTN\*TIRTSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQTVIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGESPGCGKIPKGSTAPGDLGLLWKAHLHHCCALEC\*LE\*\*ISRTDME\*HDLDGVGKGN\*PIHRHNIQLN\*TIAKPTRKE\*TRFIGIR\*MGKFVELV\*HNTMAVVYKNIHNDSRRLNRFKNNFFCPFYSKKS\*AGILTIIVSDPPPSTEGTRQARRNRRRRWRERQRHIHKI

>B.2011.MG196836.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQDSLSKQ\*VVYVMQSLGVLAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRLTERAEDSGNESDGDQEELSALMEMGHHAPWDINDL\*C\*TVVGHSLLWGTCVERCNHHSILCLRC\*SI\*YGGT\*CLGHTCLCTHRPQPTRSNIGKCDRKF\*HVEK\*HDRTDA\*GYNQFMGSKSQAMCKINPTLCYFKLH\*LV\*\*\*H\*WGKC\*LHQWEEG\*\*YH\*PYNTERRNKKLLFQCLYKNKR\*GTEKRICTFL\*P\*CSTNR\*\*\*YQL\*VAKL\*HLSHYTSLSKSIL\*ANSHILLYPSWVCASKV\*\*\*EIQWNRTM\*KCQHSTMYTWN\*ASGINSTTAKWQFSRRRGSN\*I\*KFHKQCKNHNSTAERTCRD\*LYKTQQQHKKRFPCRTRENIICNRRNNRRYKTSTL\*P\*\*SKME\*HFKTGS\*RIKETIWE\*NNSL\*LILRRGPRNRNAQF\*LWGGIFLL\*FNTVV\*\*YLV\*\*YLERY\*RIKCH\*RK\*NNHTPMQNKTNYKHVARSRKSNVCPSHQRTD\*MLIKHYRAAINKGWWS\*\*HQRNLQTYRRRYEG\*LEK\*IV\*I\*SSRN\*TIRSSTHQGKKKSGAERKKSSGTRNFVPWVLGSSRKHYGRSINGADGTGQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCREIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*DLGQHDLDAVG\*RN\*QLHQLNIHLNYRIAAPARKE\*KRIIRIRQMGKFVELV\*HNTMAMVYKNIHNDSSRLGRFKNSFCCTFYNK\*S\*AGILTIVVSDPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2011.MG196837.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQDSLSKQ\*VVYVMQSLGVLAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRLTERAEDSGNESDGDQEELSALMEMGHHAPWDINDL\*C\*TVVGHSLLWGTCVERCNHHSILCLRC\*SI\*YGGT\*CLGHTCLCTHRPQPTRSNIGKCDRKF\*HVEK\*HDRTDA\*GYNQFMGSKSQAMCKINPTLCYFKLH\*LV\*\*\*H\*WGKC\*LHQWEEG\*\*YH\*PYNTERRNKKLLFQCLYKNKR\*GTEKRICTFL\*P\*CSTNR\*\*\*YQL\*VAKL\*HLSHYTSLSKSIL\*ANSHILLYPSWVCASKV\*\*\*EIQWNRTM\*KCQHSTMYTWN\*ASGINSTTAKWQFSRRRGSN\*I\*KFHKQCKNHNSTAERTCRD\*LYKTQQQHKKRFPCRTRENIICNRRNNRRYKTSTL\*P\*\*SKME\*HFKTGS\*RIKETIWE\*NNSL\*LILRRGPRNRNAQF\*LWGGIFLL\*FNTVV\*\*YLV\*\*YLERYXRIKCH\*RK\*NNHTPMQNKTNYKHVARSRKSNVCPSHQRTD\*MLIKHYRAAINKGWWS\*\*HQRNLQTYRRRYEG\*LEK\*IV\*I\*SSRN\*TIRSSTHQGKKKSGAERKKSSGTRNFVPWVLGSSRKHYGRSINGADGTGQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCREIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*DLGQHDLDAVG\*RN\*QLHQLNIHLNYRIAAPARKE\*KRIIRIRQMGKFVELV\*HNTMAMVYKNIHNDSSRLGRFKNSFCCTFYNK\*S\*AGILTIVVSDPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2011.MG196838.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQDSLSKQ\*VVYVMQSLGVLAIVALVVAGIIAIVVWSIVLIEYXKILRQRKIDRLIDRLTERAEDSGNESDGDQEELSALMEMGHHAPWDINDL\*C\*TVVGHSLLWGTCVERCNHHSILCLRC\*SI\*YGGT\*CLGHTCLCTHRPQPTRSNIGKCDRKF\*HVEK\*HDRTDA\*GYNQFMGSKSQAMCKINPTLCYFKLH\*LV\*\*\*H\*WGKC\*LHQWEEG\*\*YH\*PYNTERRNKKLLFQCLYKNKR\*GTEKRICTFL\*P\*CSTNR\*\*\*YQL\*VAKL\*HLSHYTSLSKSIL\*ANSHILLYPSWVCASKV\*\*\*EIQWNRTM\*KCQHSTMYTWN\*ASGINSTTAKWQFSRRRGSN\*I\*KFHKQCKNHNSTAERTCRD\*LYKTQQQHKKRFPCRTRENIICNRRNNRRYKTSTL\*P\*\*SKME\*HFKTGS\*RIKETIWE\*NNSL\*LILWRGPRNRNAQF\*LWGGIFLL\*FNTVV\*\*YLV\*\*YLERY\*RIKCH\*RK\*NNHTPMQNKTNYKHVARSRKSNVCPSHQRTD\*MLIKHYRAAINKGWWS\*\*HQRNLQTYRRRYEG\*LEK\*IV\*I\*SSRN\*TIRSSTHQGKKKSGAERKKSSGTRNFVPWVLGSSRKHYGRSINGADGTGQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCREIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*DLGQHDLDAVG\*RN\*QLHQLNIHLNYRIAAPARKE\*KRIIRIRQMGKFVELV\*HNTMAMVYKNIHNDSSRLGRFKNSFCCTFYNK\*S\*AGILTIVVSDPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2011.MG196839.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQDSLSKQ\*VVYVMQSLGVLAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRLTERAEDSGNESDGDQEELSALMEMGHHAPWDINDL\*C\*TVVGHSLLWGTCVERCNHHSILCLRC\*SI\*YGGT\*CLGHTCLCTHRPQPTRSNIGKCDRKF\*HVEK\*HDRTDA\*GYNQFMGSKSQAMCKINPTLCYFKLH\*SV\*\*\*H\*WGKC\*LHQWEEG\*\*YH\*PYNTERRNKKLLFQCLYKNKR\*GTEKRICTFL\*P\*CSTNR\*\*\*YQL\*VAKL\*HLSHYTSLSKSIL\*ANSHILLYPSWVCASKV\*\*\*EIQWNRTM\*KCQHSTMYTWN\*ASGINSTTAKWQFSRRRGSN\*I\*KFHKQCKNHNSTAERTCRD\*LYKTQQQHKKRFPCRTRENIICNRRNNRRYKTSTL\*P\*\*SKME\*HFKTGS\*RIKETIWE\*NNSL\*LILRRGPRNRNAQF\*LWGGIFLL\*FNTVV\*\*YLV\*\*YLERY\*RIKCH\*RK\*NNHTPMQNKTNYKHVARSRKSNVCPSHQRTD\*MLIKHYRAAINKGWWS\*\*HQRNLQTYRRRYEG\*LEK\*IV\*I\*SSRN\*TIRSSTHQGKKKSGAERKKSSGTRNFVPWVLGSSRKHYGRSINGADGTGQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCREIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*DLGQHDLDAVG\*RN\*QLHQLNIHLNYRIAAPARKE\*KRIIRIRQMGKFVELV\*HNTMAMVYKNIHNDSSRLGKFKNSFCCTFYNK\*S\*AGILTIVVSDPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2011.MG196840.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQDSLSKQ\*VVYVMQSLGVLAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRLTERAEDSGNESDGDQEELSALMEMGHHAPWDINDL\*C\*TVVGHSLLWGTCVERCNHHSILCLRC\*SI\*YGGT\*CLGHTCLCTHRPQPTRSNIGKCDRKF\*HVEK\*HDRTDA\*GYNQFMGSKSQAMCKINPTLCYFKLH\*LV\*\*\*H\*WGKC\*LHQWEEG\*\*YH\*PYNTERRNKKLLFQCLYKNKR\*GTEKRICTFL\*P\*CSTNR\*\*\*YQL\*VAKL\*HLSHYTSLSKSIL\*ANSHILLYPSWVCASKV\*\*\*EIQWNRTM\*KCQHSTMYTWN\*ASGINSTTAKWQFSRRRGSN\*I\*KFHKQCKNHNSTAERTCRD\*LYKTQQQHKKRFPCRTRENIICNRRNNRRYKTSTL\*P\*\*SKME\*HFKTGS\*RIKETIWE\*NNSL\*LILRRGPRNRNAQF\*LWGGNFSTVIQHRCLIVLGLIILGTILKN\*VPLKEMKQSHSHAE\*NKL\*TCGKK\*EKQCMPLPSED\*LDAHQTLQGCY\*QGMVVLITPTKPSDLQEEI\*GIIGEVNCINIK\*\*NLNH\*E\*HPPRQKEEWCREKKEQWD\*ELCSLGSWEQQEALWAQHQWC\*RYRPGNYCLV\*CNSRTIC\*ELLRRNSICCNSQSGASSSSRQESWL\*RDT\*RINSSWGFGVALENSFAPLLCLGMLVGVINLWIRFGTT\*LGCSGIKKLTITPT\*YTP\*LQNRSSSKKRMKKNY\*N\*TNGQVCGIGLT\*HNGYGI\*KYS\*\*\*\*QAW\*V\*E\*FLLYFL\*\*IELGRDTHHCRFRPTSQPRGDPTGPKEPKKKVERETETDPVHQ

>B.2011.MG196841.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQDSLSKQ\*VVYVMQSLGVLAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRLTERAEDSGNESDGDQEELSALMEMGHHAPWDINDL\*C\*TVVGHSLLWGTCVERCNHHSILCLRC\*SI\*YGGT\*CLGHTCLCTHRPQPTRSNIGKCDRKF\*HVEK\*HDRTDA\*GYNQFMGSKSQAMCKINPTLCYFKLH\*LV\*\*\*H\*WGKC\*LHQWEEG\*\*YH\*PYNTERRNKKLLFQCLYKNKR\*GTEKRICTFL\*P\*CSTNR\*\*\*YQL\*VAKL\*HLSHYTSLSKSIL\*ANSHILLYPSWVCASKV\*\*\*EIQWNRTM\*KCQHSTMYTWN\*ASGINSTTAKWQFSRRRGSN\*I\*KFHKQCKNHNSTAERTCRD\*LYKTQQQHKKRFPCRTRENIICNRRNNRRYKTSTL\*P\*\*SKME\*HFKTGS\*RIKETIWE\*NNSL\*LILRRGPRNRNAQF\*LWGGIFLL\*FNTVV\*\*YLV\*\*YLERY\*RIKCH\*RK\*NNHTPMQNKTNYKHVARSRKSNVCPSHQRTD\*MLIKHYRAAINKGWWS\*\*HQRNLQTYRRRYEG\*LEK\*IV\*I\*SSRN\*TIRSSTHQGKKKSGAERKKSSGTRNFVPWVLGSSRKHYGRSINGADGTGQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCREIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*DLGQHDLDAVG\*RN\*QLHQLNIHLNYRIAAPARKE\*KRIIRIRQMGKFVELV\*HNTMAMVYKNIHNDSSRLGRFKNSFCCTFYNK\*S\*AGIXTIVVSDPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2011.MG196842.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQDSLSKQ\*VVYVMQSLGVLAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRLTERAEDSGNESDGDQEELSALMEMGHHAPWDINDL\*C\*TVVGHSLLWGTCVERCNHHSILCLRC\*SI\*YGGT\*CLGHTCLCTHRPQPTRSNIGKCDRKF\*HVEK\*HDRTDA\*GYNQFMGSKSQAMCKINPTLCYFKLH\*LV\*\*\*H\*WGKC\*LHQWEEG\*\*YH\*PYNTERRNKKLLFQCLYKNKR\*GTEKRICTFL\*P\*CSTNR\*\*\*YQL\*VAKL\*HLSHYTSLSKSIL\*ANSHILLYPSWVCASKV\*\*\*EIQWNRTM\*KCQHSTMYTWN\*ASGINSTTAKWQFSRRRGSN\*I\*KFHKQCKXHNSTAERTCRD\*LYKTQQQHKKRFPCRTRENIICNRRNNRRYKTSTL\*P\*\*SKME\*HFKTGS\*RIKETIWE\*NNSL\*LILRRGPRNRNAQF\*LWGGIFLL\*FNTVV\*\*YLV\*\*YLERY\*RIKCH\*RK\*NNHTPMQNKTNYKHVARSRKSNVCPSHQRTD\*MLIKHYRAAINKGWWS\*\*HQRNLQTYRRRYEG\*LEK\*IV\*I\*SSRN\*TIRSSTHQGKKKSGAERKKSSGTRNFVPWVLGSSRKHYGRSINGADGTGQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCREIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*DLGQHDLDAVG\*RN\*QLHQLNIHLNYRIAAPARKE\*KRIIRIRQMGKFVELV\*HNTMAMVYKNIHNDSSRLGRFKNSFCCTFYNK\*S\*AGILTIVVSDPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2011.MG196843.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQDSLSKQ\*VVYVMQSLGVLAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRLTERAEDSGNESDGDQEELSALMEMGHHAPWDINDL\*C\*TVVGHSLLWGTCVERCNHHSILCLRC\*SI\*YGGT\*CLGHTCLCTHRPQPTRSNIGKCDRKF\*HVEK\*HDRTDA\*GYNQFMGSKSQAMCKINPTLCYFKLH\*LV\*\*\*H\*WGKC\*LHQWEEG\*\*YH\*PYNTERRNKKLLFQCLYKNKR\*GTEKRICTFL\*P\*CSTNR\*\*\*YQL\*VAKL\*HLSHYTSLSKSIL\*ANSHILLYPSWVCASKV\*\*\*EIQWNRTM\*KCQHSTMYTWN\*ASGINSTTAKWQFSRRRGSN\*I\*KFHKQCKNHNSTAERTCRD\*LYKTQQQHKKRFPCRTRENIICNRRNNRRYKTSTL\*P\*\*SKME\*HFKTGS\*RIKETIWE\*NNSL\*LILRRGPRNRNAQF\*LWGGIFLL\*FNTVV\*\*YLV\*\*YLERY\*RIKCH\*RK\*NNHTPMQNKTNYKHVARSRKSNVCPSHQRTD\*MLIKHYRAAINKGWWS\*\*HQRNLQTYRRRYEG\*LEK\*IV\*I\*SSRN\*TIRSSTHQGKKKSGAERKKSSGTRNFVPWVLGSSRKHYGRSINGADGTGQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCREIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*DLGQHDLDAVG\*RN\*QLHQLNIHLNYRIAAPARKE\*KRIIRIRQMGKFVELV\*HNTMAMVYKNIHNDSSRLGRFKNSFCCTFYNK\*S\*AGILTIVVSDPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2011.MG196844.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQDSLSKQ\*VVYVMQSLGVLAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRLTERAEDSGNESDGDQEELSALMEMGHHAPWDINDL\*C\*TVVGHSLLWGTCVERCNHHSILCLRC\*SI\*YGGT\*CLGHTCLCTHRPQPTRSNIGKCDRKF\*HVEK\*HDRTDA\*GYNQFMGSKSQAMCKINPTLCYFKLH\*LV\*\*\*H\*WGKC\*LHQWEEG\*\*YH\*PYNTERRNKKLLFQCLYKNKR\*GTEKRICTFL\*P\*CSTNR\*\*\*YQL\*VAKL\*HLSHYTSLSKSIL\*ANSHILLYPSWVCASKV\*\*\*EIQWNRTM\*KCQHSTMYTWN\*ASGINSTTAKWQFSRRRGSN\*I\*KFHKQCKNHNSTAERTCRD\*LYKTQQQHKKRFPCRTRENIICNRRNNRRYKTSTL\*P\*\*SKME\*HFKTGS\*RIKETIWE\*NNSL\*LILRRGPRNRNAQF\*LWGGIFLL\*FNTVV\*\*YLV\*\*YLERY\*RIKCH\*RK\*NNHTPMQNKTNYKHVARSRKSNVCPSHQRTD\*MLIKHYRAAINKGWWS\*\*HQRNLQTYRRRYEG\*LEK\*IV\*I\*SSRN\*TIRSSTHQGKKKSGAERKKSSGTRNFVPWVLGSSRKHYGRSINGADGTGQAIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPGCREIPKGSTAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISG\*DLGQHDLDAVG\*RN\*QLHQLNIHLNYRIAAPARKE\*KRIIRIRQMGKFVELV\*HNTMAMVYKNIHNDSSRLGRFKNSFCCTFYNK\*S\*AGILTIVVSDPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2011.MG196845.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTHQDSLSKQ\*VVYVMQSLGVLAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRLIERAEDSGNESDGDQEELSALLEMGHHAPWDINDL\*C\*TVVGHSLLWGTCVERCNHHSILCLRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSNIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKS\*AMCKINPTLCYFKLH\*LV\*\*\*H\*WGKY\*LH\*\*EEG\*\*YH\*PYNTERRNKKLLFQCLHKNKR\*GTEKRICTFL\*P\*CSTNR\*\*\*YQL\*VVKL\*HLSHYTSLSKSIL\*ANSHILLYPSWVCTSKV\*\*\*EIQWNRTM\*KCQYSTMYTWN\*ASGINSTTAKWQFSRRRGSN\*I\*KFHKQC\*NHNSTAERTCRD\*LYKTQQQHKKRFPCRTRENIICNRRNNRRYKTSTL\*P\*\*SKME\*HFKTGS\*RIKETIWE\*NNSL\*LILRRGPRNCNAQF\*LWGGIFLL\*FNTAV\*\*YLA\*\*YLERY\*KIKCH\*RK\*NNHTPMQNKTNYKHVAGSRKSNVCPSHQRTD\*MFIKHYRAAINKGWWS\*\*HQRNLQTCRRRYEG\*LEK\*IV\*I\*SSRN\*TIRSSTHQGKKKSGAERKKSSGTRNFVPWVLGSSRKHYGRSINGADGTGQAIIVWYSATAE\*FAKSY\*GATASVATHSLGHQAAPGKSPGCREIPKGSTAPGDLGLLWKTHLRHYCALEC\*LE\*\*ISG\*DLGQHDLDAVG\*RN\*QLHQLNIHLNYRIAAPARKE\*KRIIRSRQMGKFVELV\*YNTMAMVYKNIHNDSSRLGRFKNSFCCTFYNK\*S\*AGILTIVVSDPLPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2011.MG196846.-

MEPVDPRLEPWNHPGSQPRTTCTNCYCKRCCFHCQVCFITKGLGISXGRKKKRGQRRRPPQDSQTHQVSLSKQ\*VPTCNALFTDRSFTDSSNSSISSSNNNSNSCVDHSTHRI\*ENIKTKKNR\*VN\*\*NKRKSRRQWQ\*Q\*RRSGRTISPCGYGASCSLGC\*\*SVMLQNNCGSQFIMGCLCGETQIPLYFVHQMLKHMIRRHIMSGPHMPVYLQTPTHKK\*N\*QM\*QNTLMCGKITW\*NR\*MRM\*SIYGIKA\*SHV\*D\*LRSVLL\*IALMSRSILLIPVLIMSLTAPLE\*K\*\*KTALSISTQIEERRLGKNMHYSIVLM\*\*KMMMIKIILNIGW\*VVTPQPSHRPVQR\*HLSQFPYIIAPRLVLRF\*NVMIRSSMDQEHVQMSAQYNVHMELGQ\*CQLNCC\*MAA\*QKAR\*\*LDLKISRIMLKP\*\*YS\*MNP\*\*LIV\*DPTTIQERA\*IWDQGEHFMQQET\*\*EI\*DKHIVTLAEHNGITL\*DR\*LEN\*ENNLGIIKQ\*YFINLQEGTQKL\*CTVLIVEENFSIVIQQACLIVLGRQRRLKEMTLEEMTQSHSPVE\*NKL\*TCGRQ\*GKQYMPLLLQG\*LDVHQI\*QGCC\*QEMVVMRP\*PRITRPSDLEKEI\*GIIGGVNYINIK\*\*KLNH\*E\*HPPRQGEEWCKEKKEQ\*Q\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CSSKTTC\*KLLRRNSICCNSQSGASSSSRQESWLWKHT\*GINSS\*GFGVALGNSFAPLLCLGILVGVINP\*MQFGIT\*PGGSGTKKFTITQTSYSTYLKTRKTNKK\*MNKNY\*N\*MSGQVCGIGLAYQNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYHCRPSSQLRGDPNGPTESKKKVERETETDPKD\*

>B.2011.MG196847.-

MEPVDPRLEPWNHPGSQPRTTCTNCYCKRCCFHCQVCFVTKGLGISNGRKKKRGQRRRPPQDSQTHQVSLSKQ\*VPTCNALFTDRSFTDSSNSSISSSNNNSNSCVDHSTHRI\*ENIKTKKNR\*VS\*\*NKRKSRRQWQ\*Q\*RRSGRTISPCGYGASCSLGC\*\*SVMLQNNCGSQFIMGCLCGETQIPLYFVHQMLKHMIRRHIMSGPHMPVYLQTPTHKK\*N\*QM\*QNTLMCGKITW\*NR\*MRM\*SIYGIKA\*SHV\*D\*LRSVLL\*IALMSRSILLIPVLIMSLTAPLE\*K\*\*KTALSISTQIEERRLGKNMHYSIVLM\*\*KMMMIKIILNIGW\*VVTPQPSHRPVQR\*HLSQFPYIIAPRLVLRF\*NVMIRSSMDQEHVQMSAQYNVHMELGQ\*CQLNCC\*MAA\*QKAR\*\*LDLKISRIMLKP\*\*YS\*MNP\*\*LIV\*DPTTIQERA\*IWDQGEHFMQQET\*\*EI\*DKHIVTLAEHNGITL\*DR\*LEN\*ENNLGIIKQ\*YFINLQEGTQKL\*CTVLIVEENFSIVIQQACLIVLGRQRRLKEMTLEEMTQSHSPVE\*NKL\*TCGRQ\*GKQYMPLLLQG\*LDVHQI\*QGCC\*QEMVVMRP\*PRITRPSDLEEEI\*GIIGGVNYINIK\*\*KLNH\*E\*HPPRQGEEWCKEKKEQ\*Q\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CSSKATC\*KLLRRNSICCNSQSGASSSSRQESWLWKHT\*GINSS\*GFGVALGNSFAPLLCLGILVGVINP\*MQFGIT\*PGGSGTKKFTITQTSYSTYLKTRKTNKK\*MNKNY\*N\*MSGQVCGIGLAYQNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYHCRPSSQLRGDPNGPTESKKKVERETETDPKD\*

>B.2011.MG196848.-

MEPVDPRLEPWNHPGSQPRTTCTNCYCKRCCFHCQVCFITKGLGISNGRKKKRGQRRRPPQDSQTHQVSLSKQ\*VPTCNALFTDRSFTDSSNSSISSSNNNSNSCVDHSTHRI\*ENIKTKKNR\*VN\*\*NKRKSRRQWQ\*QGRRSGRTISPCGYGASCSLGC\*\*SVMLQNNCGSQFIMGCLCGETQIPLYFVHQMLKHMIRRHIMSGPHMPVYLQTPTHKK\*N\*HM\*QNTLMCGKITW\*NR\*MRM\*SIYGIKA\*SHV\*D\*LRSVLL\*IALMSRSILLIPVLIMSLTAPLE\*K\*\*KTALSISTQIEERRLGKNMHYSIVLM\*\*KMMMIKIILNIGW\*VVTPQPSHRPVQR\*HLSQFPYIIAPRLVLRF\*NVMIRSSMDQEHVQMSAQYNVHMELGQ\*CQLNCC\*MAA\*QKAR\*\*LDLKISRIMLKP\*\*YS\*MNP\*\*LIV\*DPTTIQERA\*IWDQGEHFMQQET\*\*EI\*DKHIVTLAEHNGITL\*DR\*LEN\*ENNLGIIKQ\*YFINLQEGTQKL\*CTVLIVEENFSIVIQQACLIVLGRQRRLKEMTLEEMTQSHSPVE\*NKL\*TCGRQ\*GKQYMPLLLQG\*LDVHQI\*QGCC\*QEMVVMRP\*PRITRPSDLEEEI\*GIIGGVNYINIK\*\*KLNH\*E\*HPPRQGEEWCKEKKEQ\*Q\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CSSKATC\*KLLRRNSICCNSQSGASSSSRQESWLWKHT\*GINSS\*GFGVALGNSFAPLLCLGILVGVINP\*MQFGIT\*PGGSGTKKFTITQTSYSTYLKTRKTNKK\*MNKNY\*N\*MSGQVCGIGLAYQNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYHCRPSSQLRGDPNGPTESKKKVERETETDPKD\*

>B.2011.MG196849.-

MEPVDPRLEPWNHPGSQPRTTCTNCYCKRCCFHCQVCFITKGLGISNGRKKKRGQRRRPPQDSQTHQVSLSKQ\*VPTCNALFTDRSFTDSSNSSISSSNNNSNSCVDHSTHRI\*ENIKTKKNR\*VN\*\*NKRKSRRQWQ\*Q\*RRSGRTISPCGYGASCSLGC\*\*SVMLQNNCGSQFIMGCLCGETQIPLYFVHQMLKHMIRRHIMSGPHMPVYLQTPTHKK\*N\*QM\*QNTLMCGKITW\*NR\*MRM\*SIYGIKA\*SHV\*D\*LRSVLL\*IALMSRSILLIPVLIMSLTAPLE\*K\*\*KTALSISTQIEERRLGKNMHYSIVLM\*\*KMMMIKIILNIGW\*VVTPQPSHRPVQR\*HLSQFPYIIAPRLVLRF\*NVMIRSSMDQEHVQMSAQYNVHMELGQ\*CQLNCC\*MAA\*QKAR\*\*LGLKISRIMLKP\*\*YS\*MNP\*\*LIV\*DPTTIQERA\*IWDQGEHFMQQET\*\*EI\*DKHIVTLAEHNGITL\*DR\*LEN\*ENNLGIIKQ\*YFINLQEGTQKL\*CTVLIVEENFSIVIQQACLIVLGRQRRLKEMTLEEMTQSHSPVE\*NKL\*TCGRQ\*GKQYMPLLLQG\*LDVHQI\*QGCC\*QEMVVMRP\*PRITRPSDLEEEI\*GIIGGVNYINXK\*\*KLNH\*E\*HPPRQGEEWCKEKKEQ\*Q\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CSSKTTC\*KLLRRNSICCNSQSGASSSSRQESWLWKHT\*GINSS\*GFGVALGNSFAPLLCLGILVGVINP\*MQFGIT\*PGGSGTKKFTITQTSYSTYLKTRKTNKK\*MNKNY\*N\*MSGQVCGIGLAYQNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYHCRPSSQLRGDPNGPTESKKKVERETETDPKD\*

>B.2011.MG196850.-

MEPVDPRLEPWNHPGSQPRTTCTNCYCKRCCFHCQVCFITKGLGISXGRKKKRGQRRRPPQDSQTHQVSLSKQ\*VPTCNALFTDRSFTDSSNSSISSSNNNSNSCVDHSTHRI\*ENIKTKKNR\*VN\*\*NKRKSRRQWQ\*Q\*RRSGRTISPCGYGASCSLGC\*\*SVMLQNNCGSQFIMGCLCGETQIPLYFVHQMLKHMIRRHIMSGPHMPVYLQTPTHKK\*N\*QM\*QNTLMCGKITW\*NR\*MRM\*SIYGIKA\*SHV\*D\*LRSVLL\*IALMSRSILLIPVLIMSLTAPLE\*K\*\*KTALSISTQIEERRLGKNMHYSIVLM\*\*KMMMIKIILNIGW\*VVTPQPSHRPVQR\*HLSQFPYIIAPRLVLRF\*NVMIRSSMDQEHVQMSAQYNVHMELGQ\*CQLNCC\*MAA\*QKAR\*\*LDLKISRIMLKP\*\*YS\*MNP\*\*LIV\*DPTTIQERA\*IWDQGEHFMQQET\*\*EI\*DKHIVTLAEHNGITL\*DR\*LEN\*ENNLGIIKQ\*YFINLQEGTQKL\*CTVLIVEENFSIVIQQACLIVLGRQRRLKEMTLEEMTQSHSPVE\*NKL\*TCGRQ\*GKQYMPLLLQG\*LDVHQI\*QGCC\*QEMVVMRP\*PRITRPSDLEEEI\*GIIGGVNYINIK\*\*KLNH\*E\*HPPRQGEEWCKEKKEQ\*Q\*ELCSLGS\*EQQEALWAQHQ\*R\*RYRPDNYCLV\*CSSKATC\*KLLRRNSICCNSQSGASSSSRQESWLWKHT\*GINSS\*GFGVALGNSFAPLLCLGILVGVINP\*MQFGIT\*PGGSGTKKFTITQTSYSTYLKTRKTNKK\*MNKNY\*N\*MSGQVCGIGLAYQNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYHCRPSSQLRGDPNGPTESKKKVERETETDPKD\*

>B.2011.MG196851.-

MEPVDPRLEPWNHPGSQPRTTCTNCYCKRCCFHCQVCFITKGLGISXGRKKKRGQRQRPPQDSQTHQVSLSKQ\*VPTCNALFTDRSFTDSSNSSISSSNNNSNSCVDHSTHRI\*ENIKTKKNR\*VN\*\*NKRKSRRQWQ\*Q\*RRSGRTISPCGYGASCSLGC\*\*SVMLQNNCGSQFIMGCLCGETQIPLYFVHQMLKHMIRRHIMSGPHMPVYLQTPTHKK\*N\*QM\*QNTLMCGKITW\*NR\*MRM\*SIYGIKA\*SHV\*D\*LRSVLL\*IALMSRSILLIPVLIMSLTAPLE\*K\*\*KTALSISTQIEERRLEKNMHYSIVLM\*\*KMMMIKIILNIGW\*VVTPQPSHRPVQR\*HLSQFPYIIAPRLVLRF\*NVMIRSSMDQEHVQMSAQYNVHMELGQ\*CQLNCC\*MAA\*QKAR\*\*LDLKISRIMLKP\*SYS\*MNP\*\*LIV\*DPTTIQERA\*IWDQGEHFMQQET\*\*EI\*DKHIVTLAEHNGITL\*DR\*LEN\*ENNLGIIKQ\*YFINLQEGTQKL\*CTVLIVEENFSIVIQQACLIVLGRQRRLKEMTLEEMTQSHSPVK\*NKL\*TCGRQ\*GKQYMPLLLQG\*LDVHQI\*QGCC\*QEMVVMRP\*PRITRPSDLEEEI\*GIIGGVNYINIK\*\*KLNH\*E\*HPPRQGEEWCKEKKEQ\*Q\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CSSKATC\*KLLRRNSICCNSQSGASSSSRQESWLWKHT\*GINSS\*GFGVALGNSFAPLLCLGILVGVINP\*MQFGIT\*PGGSGTKKFTITQTSYSTYLKTRKTNKK\*MNKNY\*N\*MSGQVCGIGLAYQNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYHCRPSSQLRGDPNGPTESKKKVERETETDPKD\*

>B.2011.MG196852.-

MEPVDPRLEPWNHPGSQPRTTCTNCYCKRCCFHCQVCFITKGLGISXGRKKKRGQRRRPPQDSQTHQVSLSKQ\*VPTCNALFTDRSFTDSSNSSISSSNNNSNSCVDHSTHRI\*ENIKTKKNR\*VN\*\*NKRKSRRQWQ\*Q\*RRSGRTISPCGYGASCSLGC\*\*SVMLQNNCGSQFIMGCLCGETQIPLYFVHQMLKHMIRRHIMSGPHMPVYLQTPTHKK\*N\*QM\*QNTLMCGKITW\*NR\*MRM\*SIYGIKA\*SHV\*D\*LRSVLL\*IALMSRSILLIPVLIMSLTAPLE\*K\*\*KTALSISTQIEERRLGKNMHYSIVLM\*\*KMMMIKIILNIGW\*VVTPQPSHRPVQR\*HLSQFPYIIAPRLVLRF\*NVMIRSSMDQEHVQMSAQYNVHMELGQ\*CQLNCC\*MAA\*QKAR\*\*LDLKISRIMLKP\*\*YS\*MNP\*\*LIV\*DPTTIQERA\*IWDQGEHFMQQET\*\*EI\*DKHIVTLAEHNGITL\*DR\*LEN\*ENNLGIIKQ\*YFINLQEGTQKL\*CTVLIVEENFSIVIQQACLIVLGRQRRLKEMTLEEMTQSHSPVE\*NKL\*TCGRQ\*GKQYMPLLLQG\*LDVHQI\*QGCC\*QEMVVMRP\*PRITRPSDLEEEI\*GIIGGVNYINIK\*\*KLNH\*E\*HPPRQGEEWCREKKEQ\*Q\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CSSKTTC\*KLLRRNSICCNSQSGASSSSRQESWLWKHT\*GINSS\*GFGVALGNSFAPLLCLGILVGVINP\*MQFGIT\*PGGSGTKKFTITQTSYSTYLKTRKTNKK\*MNKNY\*N\*MSGQVCGIGLAYQNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYHCRPSSQLRGDPNGPTESKKKVERETETDPKD\*

>B.2011.MG196853.-

MEPVDPRLEPWNHPGSQPRTTCTNCYCKRCCFHCQVCFITKGLGISXGRKKKRGQRRRPPQDSQTHQVSLSKQ\*VPTCNALFTDRSFTDSSNSSISSSNNNSNSCVDHSTHRI\*ENIKTKKNR\*VN\*\*NKRKSRRQWQ\*Q\*RRSGRTISPCGYGASCSLGC\*\*SVMLQNNCGSQFIMGCLCGETQIPLYFVHQMLKHMIRRHIMSGPHMPVYLQTPTHKK\*N\*QM\*QNTLMCGKITW\*NR\*MRM\*SIYGIKA\*SHV\*D\*LRSVLL\*IALMSRSILLIPVLIMSLTAPLE\*K\*\*KTALSISTQIEERRLGKNMHYSIVLM\*\*KMMMIKIILNIGW\*VVTPQPSHRPVQR\*HLSQFPYIIAPRLVLRF\*NVMIRSSMDQEHVQMSAQYNVHMELGQ\*CQLNCC\*MAA\*QKAR\*\*LDLKISRIMLKP\*SYS\*MNP\*\*LIV\*DPTTIQERA\*IWDQGEHFMQQET\*\*EI\*DKHIVTLAEHNGITL\*DR\*LEN\*ENNLGIIKQ\*YFINLQEGTQKL\*CTVLIVEENFSIVIQQACLIVLGRQRRLKEMTLEEMTQSHSPVE\*NKL\*TCGRQ\*GKQYMPLLLQG\*LDVHQI\*QGCC\*QEMVVMRP\*PRITRPSDLEEEI\*GIIGGVNYINIK\*\*KLNH\*E\*HPPRQGEEWCKEKKEQ\*Q\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CSSKATC\*KLLRRNSICCNSQSGASSSSRQESWLWKHT\*GINSS\*GFGVALGNSFAPLLCLGILVGVINP\*MQFGIT\*PGGSGTKKFTITQTSYSTYLKTRKTXKK\*MNKNY\*N\*MSGQVCGIGLAYQNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYHCRPSSQLRGDPNGPTESKKKVERETETDPKD\*

>B.2011.MG196854.-

MEPVDPRLEPWNHPGSQPRTTCTNCYCKRCCFHCQVCFITKGLGISXGRKKKRGQRRRPPQDSQTHQVSLSKQ\*VPTCNALFTDRSFTDSSNSSISSSNNNSNSCVDHSTHRI\*ENIKTKKNR\*VN\*\*NKRKSRRQWQ\*Q\*RRSGRTISPCGYGASCSLGC\*\*SVMLQNNCGSQFIMGCLCGETQIPLYFVHQMLKHMIRRHIMSGPHMPVYLQTPTHKK\*N\*QM\*QNTLMCGKITW\*NR\*MRM\*SIYGIKA\*SHV\*D\*LRSVLL\*IALMSRSILLIPVLIMSLTAPLE\*K\*\*KTALSISTQIEERRLGKNMHYSIVLM\*\*KMMMIKIILNIGW\*VVTPQPSHRPVQR\*HLSQFPYIIAPRLVLRF\*NVMIRSSMDQEHVQMSAQYNVHMELGQ\*CQLNCC\*MAA\*QKAR\*\*LDLKISRIMLKP\*\*YS\*MNP\*\*SIV\*DPTTIQERA\*IWDQGEHFMQQET\*\*EI\*DKHIVTLAEHNGITL\*DR\*LEN\*ENNLGIIKQ\*YFINLQEGTQKL\*CTVLIVEENFSIVIQQACLIVLGRQRRLKEMTLEEMTQSHSPVE\*NKL\*TCGRQ\*GKQYMPLLLQG\*LDVHQI\*QGCC\*QEMVVMRP\*PRITRPSDLEEEI\*GIIGGVNYINIK\*\*KLNH\*E\*HPPRQGEEWCKEKKEQ\*Q\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CSSKTTC\*KLLRRNSICCNSQSGASSSSRQESWLWKHT\*GINSS\*GFGVALGNSFAPLLCLGILVGVINP\*MQFGIT\*PGGSGTKKFTITQTSYSTYLKTRKTNKK\*MNKNY\*N\*MSGQVCGIGLAYQNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYHCRPSSQLRGDPNGPTESKKKVERETETDPKD\*

>B.2011.MG196855.-

MEPVDPRLEPWNHPGSQPRTTCTNCYCKRCCFHCQVCFITKGLGISXGRKKKRGQRRRPPQDSQTHQVSLSKQ\*VPTCNALFTDRSFTDSSNSSISSSNNNSNSCVDHSTHRI\*ENIKTKKNR\*VN\*\*NKRKSRRQWQ\*Q\*RRSGRTISPCGYGASCSLGC\*\*SVMLQNNCGSQFIMGCLCGETQIPLYFVHQMLKHMIRRHIMSGPHMPVYLQTPTHKK\*N\*QM\*QNTLMCGKITW\*NR\*MRM\*SIYGIKA\*SHV\*D\*LRSVLL\*IALMSRSILLIPVLIMSLTAPLE\*K\*\*KTALSISTQIEERRLGKNMHYSIVLM\*\*KMMMIKIILNIGW\*VVTPQPSHRPVQR\*HLSQFPYIIAPRLVLRF\*NVMIRSSMDQEHVQMSAQYNVHMELGQ\*CQLNCC\*MAA\*QKAG\*\*LDLKISRIMLKP\*\*YS\*MNP\*\*LIV\*DPTTIQERA\*IWDQGEHFMQQET\*\*EI\*DKHIVTLAEHNGITL\*DR\*LEN\*ENNLGIIKQ\*YFINLQEGTQKL\*CTVLIVEENFSIVIQQACLIVLGRQRRLKEMTLEEMTQSHSPVE\*NKL\*TCGRQ\*GKQYMPLLLQG\*LDVHQI\*QGCC\*QEMVVMRP\*PRITRPSDLEEEI\*GIIGGVNYINIK\*\*KLNH\*E\*HPPRQGEEWCKEKKEQ\*Q\*ELCSLGSWEQQEALWAQHQ\*R\*RYRPDNYCLV\*CSSKTTC\*KLLRRNSICCNSQSGASSSSRQESWLWKHT\*GINSS\*GFGVALGNSFAPLLCLGILVGVINP\*MQFGIT\*PGGSGTKKFTITQTSYSTYLKTRKTNKK\*MNKNY\*N\*MSGQVCGIGLAYQNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYHCRPSSQLRGDPNGPTESKKKVERETETDPKD\*

>B.2012.MG196866.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFIKKGLGISYGRKKRKQRRSAPQDSQAHQVSLSKQ\*VVYVMKPLYIASIVALVVAGIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRSKFGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEAYY\*YH\*YH\*\*\*PWCGE\*FHGGGRRNEKLLFQYYHTHER\*GEETICIF\*\*T\*YSTNR\*\*\*V\*Y\*L\*VDKL\*YLSHYTSLSKDNL\*ANSHTLLCPGWFCDSKV\*RQEVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHEQC\*NHNSTAERSCSN\*LYKTQQXYKKKYNYGTRESILCNRHNRKYKTSTL\*P\*\*SRME\*KFRTGS\*QIKRTIWGE\*NNSL\*VILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*\*\*LA\*YY\*V\*Y\*QDN\*RK\*HNHTPM\*NKTNYKHVAGSRKSNVRPSHQRTNWMFIKYYRAAINKRWWY\*HER\*RNFQTWRRRYEGQLEK\*II\*I\*SSEN\*TIRSSTHSGKEKSGAERKKSRTRSSAPWVLGSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGXSPGCGKIPTGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*IYG\*DLE\*HDLDGVGKRN\*QLHKRNIQLN\*RIAKPTRQE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRKARRNRRRRWRERQRQIQSI

>B.2012.MG196867.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFIKKGLGISYGRKKRKQRRSAPQDSQAHQVSLSKQ\*VVYVMKPLYIASIVALVVAGIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRSKFGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEAYY\*YH\*YH\*\*\*PWCGE\*FHGGGRRNEKLLFQYYHTHER\*GEETICIF\*\*T\*YSTNR\*\*\*V\*Y\*L\*VDKL\*YLSHYTSLSKDNL\*ANSHTLLCPGWFCDSKV\*RQEVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHEQC\*NHNSTAERSCSN\*LYKTQQQYKKKYNYGTRESILCNRHNRKYKTSTL\*P\*\*SRXE\*KFRTGS\*QIKRTIWGE\*NNSL\*VILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*\*\*LA\*YY\*V\*Y\*QDN\*RK\*HNHTPM\*NKTNYKHVAGSRKSNVRPSHQRTNWMFIKYYRAAINKRWWY\*HER\*RNFQTWRRRYEGQLEK\*II\*IKSSEN\*TIRSSTHSGKEKSGAERKKSRTRSSAPWVLGSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*IYG\*DLE\*HDLDGVGKRN\*QLHKRNIQLN\*RIAKPTRQE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRKARRNRRRRWRERQRQIQSI

>B.2012.MG196868.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFIKKGLGISYGRKKRKQRRSAPQDSQAHQVSLSKQ\*VVYVMKPLYIASIVALVVAGIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*CCRKLVGHSLLWGTCMERSNHHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRSKFGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEAYY\*YH\*YH\*\*\*PWCGE\*FHGGGRRNEKLLFQYYHTHER\*GEETICIF\*\*T\*YSTNR\*\*\*V\*Y\*L\*VDKL\*YLSHYTSLSKDNL\*ANSHTLLCPGWFCDSKV\*RQEVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHEQC\*NHNSTAERSCSN\*LYKTQQQYKKKYNYGTRESILCNRHNRKYKTSTL\*P\*\*SRME\*KFRTGS\*QIKRTIWGE\*NNSL\*VILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*\*\*LA\*YY\*V\*Y\*QDN\*RK\*HNHTPM\*NKTNYKHVAGSRKSNVRPSHQRTNWMFIKYYRAAINKRWWY\*HER\*RNFQTWRRRYEGQLEK\*II\*I\*SSEN\*TIRSSTHSGKEKSGAERKKSRTRSSAPWVLGSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*IYG\*DLE\*HDLDGMGKRN\*QLHKRNIQLN\*RIAKPTRQE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRKARRNRRRRWRERQRQIQSI

>B.2012.MG196869.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFIKKGLGISYGRKKRKQRRSAPQDSQAHQVSLSKQ\*VVYVMKPLYIASIVALVVAGIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRSKFGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEAYY\*YH\*YH\*\*\*PWCGE\*FHGGGRRNEKLLFQYYHTHER\*GEETICIF\*\*T\*YSTNR\*\*\*V\*Y\*L\*VDKL\*YLSHYTSLSKDNL\*ANSHTLLCPGWFCDSKV\*RQEVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHEQC\*NHNSTAERSCSN\*LYKTQQQYKKKYNYGTRESILCNRHNRKYKTSTL\*P\*\*SRME\*KFRTGS\*QIKRTIWGE\*NNSL\*VILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*\*\*LA\*YY\*V\*Y\*QDN\*RK\*HNHTPM\*NKTNYKHVAGSRKSNVRPSHQRTNWMFIKYYRAAINKRWWY\*HER\*RNFQTWRRRYEGQLEK\*II\*I\*SSEN\*TIRSSTHSGKEKSGAERKKSRTRSSAPWVLGSSRKHYGRSVXNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*IYG\*DLE\*HDLDGVGKRN\*QLHKRNIQLN\*RIAKPTRQE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRKARRNRRRRWRERQRQIQSI

>B.2012.MG196870.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFIKKGLGISYGRKKRKQRRSAPQDSQAHQVSLSKQ\*VVYVMKPLYIASIVALVVAGIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRSKFGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEAYY\*YH\*YH\*\*\*PXCGE\*FHGGGRRNEKLLFQYYHTHER\*GEETICIF\*\*T\*YSTNR\*\*\*V\*Y\*L\*VDKL\*YLSHYTSLSKDNL\*ANSHTLLCPGWFCDSKV\*RQEVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHEQC\*NHNSTAERSCSN\*LYKTQQQYKKKYNYGTRESILCNRHNRKYKTSTL\*P\*\*SRME\*KFRTGS\*QIKRTIWGE\*NNSL\*VILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*\*\*LA\*YY\*V\*Y\*QDN\*RK\*HNHTPM\*NKTNYKHVAGSRKSNVRPSHQRTNWMFIKYYRAAINKRWWY\*HER\*RNFQTWRRRYEGQLEK\*II\*I\*SSEN\*TIRSSTHSGKEKSGAERKKSRTRSSAPWVLGSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*IYG\*DLE\*HDLDGVGKRN\*QLHKRNIQLN\*RIAKPTRQE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRKARRNRRRRWRERQRQIQSI

>B.2012.MG196871.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFIKKGLGISYGRKKRKQRRSAPQDSQAHQVSLSKQ\*VVYVMKPLYIASIVALVVAGIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRSKFGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEAYY\*YH\*YH\*\*\*PWCGE\*FHGGGRRNEKLLFQYYHTHER\*GEETICIF\*\*T\*YSTNR\*\*\*V\*Y\*L\*VDKL\*YLSHYTSLSKDNL\*ANSHTLLCPGWFCDSKV\*RQEVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHEQC\*NHNSTAERSCSN\*LYKTQQQYKKKYNYGTRESILCNRHNRKYKTSTL\*P\*\*SRME\*KFRTGS\*QIKRTIWGE\*NNSL\*VILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*\*\*LA\*YY\*V\*Y\*QDN\*RK\*HNHTPM\*NKTNYKHVAGSRKSNVRPSHQRTNWMFIKYYRAAINKRWWY\*HER\*RNFQTWRRRYEGQLEK\*II\*I\*SSEN\*TIRSSTHSGKEKSGAERKKSRTRSSAPWVLGSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*IYG\*DLE\*HDLDGVGKRN\*QLHKRNIQLN\*RIAKPTRQE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRKARRNRRRRWRERQRQIQSI

>B.2012.MG196872.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFIKKGLGISYGRKKRKQRRSAPQDSQAHQVSLSKQ\*VVYVMKPLYIASIVALVVAGIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRSKFGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEAYY\*YH\*YH\*\*\*PWCGE\*FHGGGRRNEKLLFQYYHTHER\*GEETICIF\*\*T\*YSTNR\*\*\*V\*Y\*L\*VDKL\*YLSHYTSLSKDNL\*ANSHTLLCPGWFCDSKV\*RQEVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHEQC\*NHNSTAERSCSN\*LYKTQQQYKKKYNYGTRESILCNRHNRKYKTSTL\*P\*\*SRME\*KFRTGS\*QIKRTIWGE\*NNSL\*VILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*\*\*LA\*YY\*V\*Y\*QDN\*RK\*HNHTPM\*NKTNYKHVAGSRKSNVRPSHQRTNWMFIKYYRAAINKRWWY\*HER\*RNFQTWRRRYEGQLEK\*II\*I\*SSEN\*TIRSSTHSGKEKSGAERKKSRTRSSAPWVLGSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*IYG\*DLE\*HDLDGVGKRN\*QLHKRNIQLN\*RIAKPTRQE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRKARRNRRRRWRERQRQIQSI

>B.2012.MG196873.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFIKKGLGISYGRKKRKQRRSAPQDSQAHQVSLSKQ\*VVYVMKPLYIASIVALVVAGIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRSKFGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEAYY\*YH\*YH\*\*\*PWCGE\*FHGGGRRNEKLLFQYYHTHER\*GEETICIF\*\*T\*YSTNR\*\*\*V\*Y\*L\*VDKL\*YLSHYTSLSKDNL\*ANSHTLLCPGWFCDSKV\*RQEVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHEQC\*NHNSTAERSCSN\*LYKTQQQYKKKYNYGTRESILCNRHNRKYKTSTL\*P\*\*SRME\*KFRTGS\*QIKRTIWGE\*NNSL\*VILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*\*\*LA\*YY\*V\*Y\*QDN\*RK\*HNHTPM\*NKTNYKHVAGSRKSNVRPSHQRTNWMFIKYYRAAINKRWWY\*HER\*RNFQTWRRRYEGQLEK\*II\*I\*SSEN\*TIRSSTHSGKEKSGAERKKSRTRSSAPWVLGSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*IYG\*DLE\*HDLDGVGKRN\*QLHKRNIQLN\*RIAKPTRQE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNXFCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRKARRNRRRRWRERQRQIQSI

>B.2012.MG196874.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFIKKGLGISYGRKKRKQRRSAPQDSQAHQVSLSKQ\*VVYVMKPLYIASIVALVVAGIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRSKFGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEAYY\*YH\*YH\*\*\*PWCGE\*FHGGGRRNEKLLFQYYHTHER\*GEETICIF\*\*T\*YSTNR\*\*\*V\*Y\*L\*VDKL\*YLSHYTSLSKDNL\*ANSHTLLCPGWFCDSKV\*RQEVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHEQC\*NHNSTAERSCSN\*LYKTQQQYKKKYNYGTRESILCNRHNRKYKTSTL\*P\*\*SRME\*KFRTGS\*QIKRTIWGE\*NNSL\*VILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*\*\*LA\*YY\*V\*Y\*QDN\*RK\*HNHTPM\*NKTNYKHVAGSRKSNVRTSHQRTNWMFIKYYRAAINKRWWY\*HER\*RNFQTWRRRYEGQLEK\*II\*I\*SSEN\*TIRSSTHSGKEKSGAERKKSRTRSSAPWVLGSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*IYG\*DLE\*HDLDGVGKRN\*QLHKRNIQLN\*RIAKPTRQE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRKARRNRRRRWRERQRQIQSI

>B.2012.MG196875.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFIKKGLGISYGRKKRKQRRSAPQDSQAHQVSLSKQ\*VVYVMKPLYIASIVALVVAGIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRSKFGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEAYY\*YH\*YH\*\*\*PWCGE\*FHGGGRRNEKLLFQYYHTHER\*GEETICIF\*\*T\*YSTNR\*\*\*V\*Y\*L\*VDKL\*YLSHYTSLSKDNL\*ANSHTLLCPGWFCDSKV\*RQEVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHEQC\*NHNSTAERSCSN\*LYKTQQQYKKKYNYGTRESILCNRHNRKYKTSTL\*P\*\*SRME\*KFRTGS\*QIKRTIWGE\*NNSL\*VILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*\*\*LA\*YY\*V\*Y\*QDN\*RK\*HNHTPM\*NKTNYKHVAGSRKSNVRPSHQRTNWMFIKYYRAAINKRWWY\*HER\*RNFQTWRRRYEGQLEK\*II\*I\*SSEN\*TIRSSTHSGKEKSGAERKKSRTRSSAPWVLGSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*IYG\*DLE\*HDLDGVGKRN\*QLHKRNIQLN\*RIAKPTRQE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRKARRNRRRRWRERQRQIQSI

>B.2012.MG196876.-

MEPVDPRLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFIKKGLGISYGRKKRKQRRSAPQDSQAHQVSLSKQ\*VVYVMKPLYIASIVALVVAGIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVERGHLAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRSKFGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FEAYY\*YH\*YH\*\*\*PWCGE\*FHGGGRRNEKLLFQYYHTHER\*GEETICIF\*\*T\*YSTNR\*\*\*V\*Y\*L\*VDKL\*YLSHYTSLSKDNL\*ANSHTLLCPGWFCDSKV\*RQEVQWNRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHEQC\*NHNSTAERSCSN\*LYKTQQQYKKKYNYGTRESILCNRHNRKYKTSTL\*P\*\*SRME\*KFRTGS\*QIKRTIWGE\*NNSL\*VILRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*\*\*LA\*YY\*V\*Y\*QDN\*RK\*HNHTPM\*NKTNYKHVAGSRKSNVRPSHQRTNWMFIKYYRAAINKRWWY\*HER\*RNFQTWRRRYEGQLEK\*II\*I\*SSEN\*TIRSSTHSGKEKSGAERKKSRTRSSAPWVLGSSRKHYGRSVNNADGTGQKIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*IYG\*DLE\*HDLDGVGKRN\*QLHKRNIQLN\*RIAKPTRQE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIVVPDPPPNPEGTRKARRNRRRRWRERQRQIQSI

>B.2012.MG196877.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCYKCFITKGLGISYGRKKRRQRRRTPQDSQTHQGSLSKQ\*VLNVMSALKIVAIVALVVGAIIVIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDVNNL\*CCR\*FVGHSLLWGTCVERSNHYFILCIR\*\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKPKAMCKINPTLCYFKLH\*LCRE\*C\*KWY\*FGE\*YCGE\*CYYWGNKKMLFQYHHQHKR\*GAERKSIVL\*I\*FSTNN\*R\*K\*\*YEL\*\*L\*VGRLQHLSHYTSLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*RVQWKRTM\*KCQHSTMYTWNKTSSINSTTVKWQLSRERNSN\*I\*KFHEQY\*KHNSTVK\*ICRD\*VYKTQQQYKKRYTFRTRKSLLCNNRHNRRYKTSTL\*H\*WNRME\*HIKTDS\*KIKRTI\*\*\*\*NNSLQSILRRGSRNCNAQFYLWRGIFLL\*YNATV\*G\*WYW\*WYWRHCHPPMQNKTNCKHVAESRKSYVCPSHQRTN\*MFIKYYRANINKRW\*\*\*K\*\*\*DLQTCRRRYEGQLEK\*II\*I\*SSKNSTIRSSTHQGKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPAGSTAPGNLGLLWKAHLHHFCALECELE\*QISGENLG\*HDLDGVGKGD\*QLHKRNIHLN\*NSAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIGTI

>B.2012.MG196878.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCYKCFITKGLGISYGRKKRRQRRRTPQDSQTHQGSLSKQ\*VLNVMSALKIVAIVALVVGAIIVIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEXLSALVEMGHLAPWDVNNL\*CCR\*FVGHSLLWGTCVERSNHYFILCIR\*\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKPKAMCKINPTLCYFKLH\*LCRE\*C\*KWY\*FGE\*YCGE\*CYYWGNKKMLFQYHHQHKR\*GAERKSIVL\*I\*FSTNN\*R\*K\*\*YEL\*\*L\*VGRLQHLSHYTSLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*RVQWKRTM\*KCQHSTMYTWNKTSSINSTTVKWQLSRERNSN\*I\*KFHEQY\*KHNSTVK\*ICRD\*VYKTQQQYKKRYTFRTRKSLLCNNRHNRRYKTSTL\*H\*WNRME\*HIKTDS\*KIKRTI\*\*\*\*NNSLQSILRRGSRNCNAQFYLWRGIFLL\*YNATV\*G\*WYW\*WYWRHCHPPMQNKTNCKHVAESRKSYVCPSHQRTN\*MFIKYYRANINKRW\*\*\*K\*\*\*DLQTCRRRYEGQLEK\*II\*I\*SSKNSTIRSSTHQGKEKSGAGRKKSSGNRSCVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPAGSTAPGNLGLLWKAHLHHFCALECELE\*QISGENLG\*HDLDGVGKGD\*QLHKRNIHLN\*NSAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIGTI

>B.2012.MG196879.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCYKCFITKGLGISYGRKKRRQRRRTPQDRQTHQVSLSKQ\*VLNVMSALKIVAIVALVVGAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDVNNL\*CCR\*FVGHSLLWGTCVERSNHYFILCIR\*\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCNRKF\*HVGK\*HGRTDAWGYNQFMGSKPKAMCKINPTLCYFKLH\*LCRE\*C\*KWY\*FGE\*YCGE\*CYYWGNKKLLFQYHHQHKR\*GAERKSIVL\*I\*FSTNN\*R\*K\*\*YEL\*\*L\*VGRLQHLSHYTSLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTM\*KCQHSTMYTWNKTSSINSTTVKWQLSRERNSN\*I\*KFHEQY\*KHNSTVK\*ICRD\*VYKTQQQYKKRYTFRTRKSLLCNNRHNRRYKTSTL\*H\*WNKME\*HIKTDS\*KIKRTI\*\*\*\*NNSLQSILRRGSRNCNAQFYLWRGIFLL\*YNATV\*G\*WYW\*WYWRVK\*HCHTPMQNKTNCKHVAESRKSYVCPSHQRTN\*MFIKYYRANINKRW\*\*\*K\*K\*SRDLQTCRRRYEGQLEK\*II\*I\*SSKNSTIRSSTHQGKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSHGCGKIPAGSTAPGNLGLLWKAHLHHFCALECELE\*QISGENLG\*HDLDGVGKRD\*QLHKRNIHLN\*NSAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVCKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIGTI

>B.2012.MG196880.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCYKCFITKGLGISYGRKKRRQRRRTPQDSQNHQVSLSKQ\*VLNVMSALKIVAIVALVVGAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDVNNL\*CCR\*FVGHSLLWGTCVERSNHYFILCIR\*\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCNRKF\*HVGK\*HGRTDAWGYNQFMGSKPKAMCKINPTLCYFKLH\*LCRE\*C\*KWY\*FGE\*YCGE\*CYYWGNKKLLFQYHHQHKR\*GAERKSIVL\*I\*FSTNN\*R\*K\*\*YEL\*\*L\*VGRLQHLSHYTSLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTM\*KCQHSTMYTWNKTSSINSTTVKWQLSRERNSN\*I\*KFHEQY\*KHNSTVK\*ICRD\*VYKTQQQYKKRYTFRTRKSLLCNNRHNRRYKTSTL\*H\*WNKME\*HIKTDS\*KIKRTI\*\*\*\*NNSLQSILRRGSRNCNAQFYLWRGIFLL\*XNATV\*G\*WYW\*WYWRHCHPPMQNKTNCKHVAESRKSYVCPSHQRTN\*MFIKYYRANINKRW\*\*\*K\*K\*SRDLQTCRRRYEGQLEK\*II\*I\*SSKNSTIRSSTHQGKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPAGSTAPGNLGLLWKAHLHHFCALECELE\*QISGENLG\*HDLDGVGKGD\*QLHKRNIHLN\*NSAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVCKNIHNDSRRLDRFKNSFYCPFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIETI

>B.2012.MG196881.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCYKCFITKGLGISYGRKKRRQRRRTPQDGQTHQVSLSKQ\*VLNVMSALQIVAIVALVVGAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDVNNL\*CCR\*FVGHSLLWGTCVERSNHYFILCIR\*\*SI\*YRST\*CLGHTCLCTYRPQPTRSSIGKCNRKF\*HVGK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LCRE\*Y\*KWY\*FGE\*YCGE\*CYYWGNKKLLFQYHHQHKR\*GAERKSIVL\*I\*FSTNN\*R\*K\*\*YEL\*\*L\*VGRLQHLSHYTSLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*KVQWKRTM\*KCQHSTMYTWNKTSSINSTTVKWQLSRERNSN\*I\*KFHEQY\*KHNSTVK\*ICRD\*LYKTQQQYKKRYTFRTRKSLLCNNRHNRRYKTSTL\*H\*WNKME\*HIKTDS\*KIKRTI\*\*\*\*NNSLQSILRRGSRNCNAQFYLWRGIFLL\*YNATV\*G\*WYW\*GYWRVK\*HCHTPMQNKTNCKHVAASRKSYVCPSHQRTN\*MFITYYRANINKRW\*\*\*K\*\*\*SRDLQTCRRRYEGQLEK\*II\*I\*SSKNSTIRSSTHQGKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPAGSTAPGNLGLLWKAHLHHFCALECELE\*QISGENLG\*HDLDGVGKRD\*QLHKRNIHLN\*NSAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVCKNIHNDSRRLDRFKNSFYCTLYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIGTI

>B.2012.MG196882.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCYKCFITKGLGISYGRKKRRQRRRTPQDSQTHQGSLSKQ\*VLNVMSALKIVAIVALVVGAIIVIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDVNNL\*CCR\*FVGHSLL\*GTCVERSNHYFILCVR\*\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKPKAMCKINPTLCYFKLH\*LCRE\*C\*KWY\*FGE\*YCGE\*CYYWGNKKMLFQYHHQHKR\*GAERKSIVL\*I\*FSTNN\*R\*K\*\*YEL\*\*L\*VGRLQHLSHYTSLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*RVQWKRTM\*KCQHSTMYTWNKTSSINSTTVKWQLSRERNSN\*I\*KFHEQY\*KHNSTVK\*ICRD\*VYKTQQQYKKRYTFRTRKSLLCNNRHNRRYKTSTL\*H\*WNRME\*HIKTDS\*KIKRTI\*\*\*\*NNSLQSILRRGSRNCNAQFYLWRGIFLL\*YNATV\*G\*WYW\*WYWRHCHPPMQNKTNCKHVAESRKSYVCPSHQRTN\*MFIKYYRANINKRW\*\*\*K\*\*\*DLQTCRRRYEGQLEK\*II\*I\*SSKNSTIRSSTHQGKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPAGSTAPGNLGLLWKAHLHHFCALECELE\*QISGENLG\*HDLDGVGKGD\*QLHKRNIHLN\*NSAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIGTI

>B.2012.MG196883.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCYKCFITKGLGISYGRKKRRQRRRTPQDSQTHQGSLSKQ\*VLNVMSALKIVAIVALVVGAIIVIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDVNNL\*CCR\*FVGHSLLWGACVERSNHYFILCIR\*\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKPKAMCKINPTLCYFKLH\*LCRE\*C\*KWY\*FGE\*YCGE\*CYYWGNKKMLFQYHHQHKR\*GAERKSIVL\*I\*FSTNN\*R\*K\*\*YEL\*\*L\*VGRLQHLSHYTSLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*RVQWKRTM\*KCQHSTMYTWNKTSSINSTTVKWQLSRERNSN\*I\*KFHEQY\*KHNSTVK\*ICRD\*VYKTQQQYKKRYTFRTRKSLLCNNRHNRRYKTSTL\*H\*WNRME\*HIKTDS\*KIKRTI\*\*\*\*NNSLQSILRRGSRNCNAQFYLWRGIFLL\*YNATV\*G\*WYW\*WYWRHCHPPMQNKTNCKHVAESRKSYVCPSHQRTN\*MFIKYYRANINKRW\*\*\*K\*\*\*DLQTCRRRYEGQLEK\*II\*I\*SSKNSTIRSSTHQGKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPAGSTAPGNLGLLWKAHLHHFCALECELE\*QISGENLG\*HDLDGVGKGD\*QLHKRNIHLN\*NSAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIGTI

>B.2012.MG196884.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCYKCFITKGLGISYGRKKRRQRRRTPQDNQTHQVSLSKQ\*VLNVMSALKIVAIVALVVGAIIVIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDVNNL\*CCR\*FVGHSLLWGTCVERSNHYFILCIR\*\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKPKAMCKINPTLCYFKLH\*LCRE\*Y\*KWY\*FGE\*YCGE\*CYYWGNKKMLFQYHHQHKR\*GAERKSIVL\*I\*FSTNN\*R\*K\*\*YEL\*\*L\*VGRLQHLSHYTSLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*RVQWKRTM\*KCQHSTMYTWNKTSSINSTTVKWQLSRERNSN\*I\*KFHEQY\*KHNSTVK\*ICRD\*LYKTQQQYKKRYTFRTRKSLLCNNRHNRRYKTSTL\*H\*WNKME\*HIKTDS\*KIKRTI\*\*\*\*NNSLQSILRRGSRNCNAQFYLWRGILLLIQRNCLGVMVLVMVLETLSPSHAE\*NKL\*TCGRK\*EKLCMPLPSKD\*LDVHQILQG\*Y\*QEMVVIKVIVRSSDLQEEI\*GTIGEVNYINIK\*\*KFNH\*E\*HPPRQREEWCREKKEQWE\*ELCSLGS\*EQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRTIC\*ELLRRNSICCNSQSGASNSSRQESWLWKDTCRINSSWEFGVALESSFAPLLCLGMRAGVTNLWRKFGIT\*PGWSGKRRLTITQTKYTP\*LK\*RKTNKKRMNKNYWN\*INGQVCGIGLT\*QTGCGI\*KYS\*\*X\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYRFRSASQPRGDPTGPKESKKKVERETETD\*DNR

>B.2012.MG196885.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCYKCFITKGLGISYGRKKRRQRRRTPQDSPTHQVSLSKQ\*VLNVMSALKIVAIVALVVGAIIVIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDVNNL\*CCR\*FVGHSLLWGTCVERNNHYFILCIR\*\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKPKAMCKINPTLCYFKLH\*LCRE\*Y\*KWY\*FGE\*YCGX\*CYYWGNKKNALSISPPA\*KIRCRKKKHCFINMI\*YK\*LKIKIVIRAIVAIGW\*VATPQSLHKPVQKYPLSQFPYIIVPRLVLRF\*SVMIKGSMEKDHVKMSAQYNVHME\*DQ\*YQLNYC\*MAA\*QRKK\*\*LDLKISRAILKT\*\*YS\*MNL\*RLSVQDPTTIQEKVYL\*DQEEPFMQQQT\*\*EI\*DKHIVTLVEQNGITH\*NR\*LKN\*KNNIIIIKQ\*SSINPQEGIQKL\*CTVLSVEGNFSTVIQRNCLGVMVLVMVLETLSPSHAE\*NKL\*TCGRK\*EKLCMPLPSKD\*LDVHQILQG\*Y\*QEMVVIKVIVRSSDLQEEI\*GTIGEVNYINIK\*\*KFNH\*E\*HPPRQREEWCREKKEQWE\*ELCSLGS\*EQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSRTIC\*ELLRRNSICCNSQSGASNSSRQESWLWKDTCRINSSWEFGVALESSFAPLLCLGMRAGVTNLWRKFGIT\*PGWSGKRRLTITQTKYTP\*LK\*RKTNKKRMNKNYWN\*INGQVCGIGLT\*QTGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FLLYFL\*\*IELGRDTHHYRFRSASQPRGDPTGPKESKKKVERETGTDWDNQ

>B.2012.MG196886.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCYKCFITKGLGISYGRKKRRQRRRTPQDSQTRQVSLSKQ\*VLNVMSALKIVAIVALVVGAIIVIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDVNNL\*CCR\*FVGHSLLWGTCVEXSNHYFILCIR\*\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKPKAMCKINPTLCYFKLH\*LCRE\*Y\*KWY\*FGE\*YCGE\*CYYWGNKKMLFQYHHQHKR\*GAERKSIVL\*I\*FSTNN\*R\*K\*\*YEL\*\*L\*VGRLQHLSHYTSLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*RVQWKRTM\*KCQHSTMYTWNKTSSINSTTVKWQLSRERNSN\*I\*KFHEQY\*KHNSTVK\*ICRD\*LYKTQQQYKKRYTFRTRKSLLCNNRHNRRYKTSTL\*H\*WNKME\*HIKTDS\*KIKRTI\*\*\*\*NNSLQSILRRGSRNCNAQFYLWRGIFLL\*YNATV\*G\*WYW\*WYWRHCHPPMQNKTNCKHVAESRKSYVCPSHQRTN\*MFIKYYRANINKRW\*\*\*K\*\*\*DLQTCRRRYEGQLEK\*II\*I\*SSKNSTIRSSTHQGKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPAGSTAPGNLGLLWKAHLHHFCALECELE\*QISGENLG\*HDLDGVGKGD\*QLHKRNIHLN\*NSAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIETI

>B.2012.MG196887.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCYKCFITKGLGISYGRKKRRQRRRTPQGSQTHQVSLSKQ\*VLNVMSALKIVAIVALVVGAIIVIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDVNNL\*CCR\*FVGHSLLWGTCVERSNHYFILCIR\*\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKPKAMCKINPTLCYFKLH\*LCRE\*Y\*KWY\*FGE\*YCGE\*CYYWGNKKMLFQYHHQHKR\*GAERKSIVL\*I\*FSTNN\*R\*K\*\*YEL\*\*L\*VGRLQHLSHYTSLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*RVQWKRTM\*KCQHSTMYTWNKTSSINSTTVKWQLSRERNSN\*I\*KFHEQY\*KHNSTVK\*ICRD\*LYKTQQQYKKRYTFRTRKSLLCNNRHNRRYKTSTL\*H\*WNKME\*HIKTDS\*KIKRTI\*\*\*\*NNSLQSILRRGSRNCNAQFYLWRGIFLL\*YNATV\*G\*WYW\*WYWRHCHPPMQNKTNCKHVAESRKSYVCPSHQRTN\*MFIKYYRANINKRW\*\*\*K\*\*\*DLQTCRRRYEGQLEK\*II\*I\*SSKNSTIRSSTHQGKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPAGSTAPGNLGLLWKAHLHHFCALECELE\*QISGENLG\*HDLDGVGKGD\*QLHKRNIHLN\*NSAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPYPEGTRQARRNRRRRWRERQRQIGTI

>B.2012.MG196888.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCYKCFITKGLGISYGRKKRRQRRRTPQDGQTHQVSLSKQ\*VLNVMSALKIVAIVALVVGAIIVIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDVNNL\*CCR\*FVGHSLLWGTCVERSNHYFILCIR\*\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCNRKF\*HVEK\*HGRTDARGYNQFMGSKPKAMCKINPTLCYFKLH\*LCRE\*Y\*KWY\*FGE\*YCGE\*CYYWGNKKMLFQYHHQHKR\*GAERKSIVL\*I\*FSTNN\*R\*K\*\*YEL\*\*L\*VGRLQHLSHYTSLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*RVQWKRTM\*KCQHSTMYTWNKTSSINSTTVKWQLSRERNSN\*I\*KFHEQY\*KHNSTVK\*ICRD\*VYKTQQQYKKRYTFRTRKSLLCNNRHNRRYKTSTL\*H\*WNKME\*HIKTDS\*KIKXTI\*\*\*\*NNSLQSILRRGSRNCNAQFYLWRGIFLL\*YNATV\*G\*WYW\*WYWRHCHPPMQNKTNCKHVAESRKSYVCPSHQRTN\*MFIKYYRANINKRW\*\*\*K\*\*\*DLQTCRRRYEGQLEK\*II\*I\*SSKNSTIRSSTHQGKEKSGAERKKSSGNRSCVPWVLRSSRKHYGRSVNNADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQTAPGKSPGCGKIPAGSTAPGNLGLLWKAHLHHFCALECELE\*QISGENLG\*HDLDGVGKGD\*QLHKRNIHLN\*NSAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIGTI

>B.2012.MG196889.-

MEPVDPSLEPWKHPGSQPKTACTKCYCKKCCFHCYKCFITKGLGISYGRKKRRQRRRTPQDGQTHQVSLSKQ\*VLNVMSALKIVAIVALVVGAIIVIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSALVEMGHLAPWDVNNL\*CCR\*FVGHSLLWGTCVERSNHYFILCIR\*\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCNRKF\*YVEK\*HGRTDARGYNQFMGSKPKAMCKINPTLCYFKLH\*LCRE\*Y\*KWY\*FGE\*YCGE\*CYYWGNKKMLFQYHHQHKR\*GAERKSIVL\*I\*FSTNN\*R\*K\*\*YEL\*\*L\*VGRLQHLSHYTSLSKNIL\*ANSHTLLCPGWFCDSKV\*\*\*RVQWKRTM\*KCQHSTMYTWNKTSSINSTTVKWQLSRERNSN\*I\*KFHEQY\*KHNSTVK\*ICRD\*VYKTQQQYKKRYTFRTRKSLLCNNRHNRRYNNNKTIVFNQSSGGDPEIVMHSFICGGEFFYCNTTQLFRGNGTGNGTGDTVTLPCRIKQIVNMWQKVGKAMYAPPIKGLIRCSSNITGLILTRDGSNKSDSEIFRPAGGDMRDNWRSELYKYKVVKIQPLGVAPTKAKRRVVQREKRAVGIGAVFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLQDQQLLGIWGCSGKLICTTSVPWNASWSNKSLEKIWDNMTWMEWEKEIDNYTNEIYTLIEIAQNQQEKNEQELLELDKWASLWNWFDITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQIRLPTPRGPDRPEGIEEEGGERDRDRLRQS

>B.2012.MG196902.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAHQGSKDHQVPLSKQ\*VVHVMQPLVILAIIALVVVGIIAIVVWTIVLIEYRKLLRQRRIDRLIDRIRERAEDSGNESEGDQEDLSALLEMGHDAPWDVDDL\*CYRTNVGHSLLWSTCVERSKHHSLLCIRC\*GI\*HRGT\*CLGHTCLCTHRSQPTRSSNGKCDRKF\*YVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LEK\*EYQ\*SAGRGRRNKKLLFQHQHKEKR\*DTERICIVL\*TRCSTNRGE\*WE\*YKLCFDKL\*HLSSYTGLSKDIL\*TNSHTLLCPGWFCDSQV\*\*QEIQWIRTM\*KCQHSTMYTWNSASSVNSTIVEW\*SSRRRYST\*I\*KFHKQC\*NHNSTSECNNRNQLYKTQQQYKKKYTYSTRESILCNRRNSRRYKTSTL\*H\*\*RKME\*HFKTDSYKIKRTI\*K\*NNNL\*STLRGGPRNYNAQF\*LWRGIFLL\*YNTAV\*\*YLAV\*\*YYE\*CYRIKQQ\*YHTPMQNKTNYKQVAGSRKSNVCPSHSRNN\*MFIKYYRATINKRWW\*\*\*QHQGDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGQEKSGAERKKSSNNRSLFPWVLGSSRKHYGRSVGDADGTGQTTIVWYSATAEQSAESY\*GATAYVATHSLGHKAAPGKSPGYREIPKGSTTPRDLGLLWKTHLHHYCALE\*\*LE\*\*IL\*GNLG\*HDLDAVGERN\*QLHTHNIQLT\*KIAEPTRKE\*TRLTGIG\*MGKFVELV\*HNKVAVVYKNIHYNSGRFSRFKNSFYCTFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG196903.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCFHCQVCFITKGLGISYGRKKRXXRRRAHQGSKDHQVPLSKQ\*VVHVMQPLVILAIIALVVVGIIAIVVWTIVLIEYRSLLRQRRIDRLIDRIRERAEDSGNESEGDQEDLSALLEMGHDAPWDGDDL\*CYRTNVGHSLLWSTCVERSKHHSLLCIRC\*GI\*HRGT\*CLGHTCLCTHRSQPTRSSNGKCDRKF\*YVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LEK\*DCQ\*SAGRGRRNKKLLFQHQHKEKR\*DTERICIVL\*TRCSTNRGE\*WE\*YKLCFDKL\*HLSSYTGLSKDIL\*TNSHTLLCPGWFCDSQV\*\*QEIQWIRTM\*KCQHSTMYTWNSASSVNSTIVEW\*SSRRRYST\*I\*KFHKQC\*NHNSTSECNNRNQLYKTQQQYKKKYTYSTRESILCNRRNSRRYKTSTL\*H\*\*RKME\*HFKTDSYKIKRTI\*K\*NNNL\*SIHRGGPRNYNAQF\*LWRGIFLL\*YNTAV\*\*YLAV\*\*YYE\*CYRIKQQ\*YHTPMQNKTNYKQVAGSRKSNVCPSHSRNN\*MFIKYYRATINKRWW\*\*\*QHQGDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGQEKSGAERKKSSNNRSLFPWVLGSSRKHYGRSVGDADGTGQTTIVWYSATAEQSAESY\*GATAYVATHSLGHKAAPGKSPGYREIPKGSTTPRDLGLLWKTHLHHYCALE\*\*LE\*\*IL\*GNLG\*HDLDAVGERN\*QLHTHNIQLT\*KFAEPTRKE\*TRLTGIG\*MGKFVELV\*HNKVAVVYKNIHYNSGRFSRFKNSFYCTFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG196904.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCFHCQVCFITKGLGISYGRKKRXXRRRAHQGSKDHQVPLSKQ\*VVHVMQPLVILAIIALVVVGIIAIVVWTIVLIEYRRLLRQKRIDRLIDRIRERAEDSGNESEGDQEDLSALLEMGHDAPWDVDDL\*CYRTNVGHSLLWSTCVERSKHHSLLCIRF\*GI\*HRGT\*CLGHTCLCTHRSQPTRSSNGKCDRKF\*YVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LEK\*EYQ\*SAGXGRRNKKLLFQHQHKEKR\*DTERICIVL\*TRCSTNRGE\*WE\*YKLCFDKL\*HLSSYTGLSKDIL\*TNSHTLLCPGWFCDSQV\*\*QEIQWIRTM\*KCQHSTMYTWNSASSVNSTIVEW\*SSRRRYST\*I\*KFHKQC\*NHNSTSECNNRNQLYKTQQQYKKKYTYSTRESILCNRRNSRRYKTSTL\*H\*\*RKME\*HFKTDSYKIKRTI\*K\*NNNL\*SILRGGPRNYNAQF\*LWRGIFLL\*YSTAV\*\*YLAV\*\*YYE\*CYRIKQQ\*YHTPMQNKTNYKQVAGSRKSNVCPSHSRNN\*MFIKYYRATINKRWW\*\*\*QHQGDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGQEKSGAERKKSSNNRSLFPWVLGSSRKHYGRSVGDADGTGQTTIVWYSATAEQSAESY\*GATAYVATHSLGHKAAPGKSPGYREIPKGSTTPRDLGLLWKTHLHHYCALE\*\*LE\*\*IL\*GNLG\*HDLDAVGERN\*QLHTHNIQLT\*KIAEPTRKE\*TRLTGIG\*MGKFVELV\*HNKVAVVYKNIHYNSGRFSRFKNSFYCTFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG196905.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAHQGSKDHQVPLSKQ\*VVHVMQPLVILAIIALVVVGIIAIVVWTIVLIEYRKLLRQRRIDRLIDRIRERAEDSGNESEGDQEDLSALLEMGHDAPWDVDDL\*CYRTNVGHSLLWSTCVERSKHHSLLCIRC\*GI\*HRGT\*CLGHTCLCTHRSQPTRSSNGKCDRKF\*YVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LEK\*EYQ\*SAGRGRRNKKLLFQHQHKEKR\*DTERICIVL\*TRCSTNRGE\*WE\*YKLCFDKL\*HLSSYTGLSKDIL\*TNSHTLLCPGWFCDSQV\*\*QEIQWIRTM\*KCQHSTMYTWNSASSVNSTIVEW\*SSRRRYST\*I\*KFHKQC\*NHNSTSECNNRNQLYKTQQQYKKKYTYSTRESILCNRRNSRRYKTSTL\*H\*\*RKME\*HFKTDSYKIKRTI\*K\*NNNL\*STLRGGPRDYNAQF\*LWRGIFLL\*YNTAV\*\*YLAV\*\*YYE\*CYRIKQQ\*YHTPMQNKTNYKQVAGSRKSNVCPSHSRNN\*MFIKYYREMVVIVTTPRRPSDLEEEI\*GTIGEVNYINIK\*\*KLSH\*E\*HPPRPREEWCREKKEQ\*Q\*EPFSLGSWEQQEALWAQRR\*R\*RYRPDNYCLV\*CNSRAIC\*ELLRRNSICCNSQSGA\*SSSRQESWL\*RDT\*RINNS\*GFGVALENSSAPLLCLGMIAGVINLIRKFGIT\*PGCSGRKKLTITHSQYTTYLKNRRTNKKRMNKTYWHWINGQVCGVGLT\*QSGCGI\*KYSL\*\*WEV\*\*V\*E\*FLLYFL\*\*IELGRDTHHCHSRSAPQSRGNPTGPKESQKKVERETETDPDH\*

>B.2012.MG196906.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAHQGSKDHQVPLSKQ\*VVHVMQPLVILAIIALVVVGIIAIVVWTIVLIEYRRLLRQKRIDRLIDRIRERAEDSGNESEGDQEDLSALLEMGHDAPWDVDDL\*CYRTNVGHSLLWSTCVERSKHHSLLCIRC\*GI\*HRGT\*CLGHTCLCTHRSQPTRSSNGKCDRKF\*YVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LEK\*DYQ\*SAGRGRRNKKLLFQHQHKEKR\*DTERICIVL\*TRCSTNRGE\*WE\*YKLCFDKL\*HLSSYTGLSKDIL\*TNSHTLLCPGWFCDSQV\*\*QEIQWIRTM\*KCQHSTMYTWNSASSVNSTIVEW\*SSRRRYST\*I\*KFHKQC\*NHNSTSECNNRNQLYKTQQQYKKKYTYSTRESILCNRRNSRRYKTSTL\*H\*\*RKME\*HFKTDSYKIKRTI\*K\*NNNL\*SILRGGPRNYNAQF\*LWRGIFLL\*YNTAV\*\*YLAV\*\*YYE\*CYRIKQQ\*YHTPMQNKTNYKQVAGSRKSNVCPSHSRNN\*MFIKYYRATINKRWW\*\*\*QHQGDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGQEKSGAERKKSSNNRSLFPWVLGSSRKHYGRSVGDADGTGQTTIVWYSATAEQSAESY\*GATAYVATHSLGHKAAPGKSPGYREIPKGSTTPRDLGLLWKTHLHHCCALE\*\*LE\*\*IL\*GNLG\*HDLDAVGERN\*QLHTHNIQLT\*KIAEPTRKE\*TRLTGIG\*MGKFVELV\*HNKVAVVYKNIHYNSGRFSRFKNSFYCTFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG196907.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCFHCQVCFITKGLGISYGRKKRXXRRRAHQGSKDHQVPLSKQ\*VVHVMQPLVILAIIALVVVGIIAIVVWTIVLIEYRRLLKQRRIDRLIDRIRERAEDSGNESEGDQEDLSALLEMGHVAPWDVDDL\*CYRTNVGHSLLWSTCVERSKHHSLLCIRC\*GI\*HRGT\*CLGHTCLCTHRSQPTRSSNGKCDRKF\*YVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LEK\*DYQ\*SAGRGRRNKKLLFQHQHKEKR\*DTERICIVL\*TRCSTNRGE\*WE\*YKLCFDKL\*HLSSYTGLSKDIL\*TNSHTLLCPGWFCDSQV\*\*QEIQWIRTM\*KCQHSTMYTWNSASSVNSTIVEW\*SSRRRYST\*I\*KFHKQC\*NHNSTSECNNRNQLYKTQQQYKKKYTYSTRESILCNRRNSRRYKTSTL\*H\*\*RKME\*HFKTDSYKIKRTI\*K\*NNNL\*SIHRGGPRNYNAQF\*LWRGIFLL\*YNTAV\*\*YLAV\*\*YYE\*CYRIKQQ\*YHTPMQNKTNYKQVAGSRKSNVCPSHSRNN\*MFIKYYRATINKRWW\*\*\*QHQGDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGQEKSGAERKKSSNNRSLFPWVLGSSRKHYGRSVGDADGTSQTTIVWYSATAEQSAESY\*GATAYVATHSLGHKAAPGKSPGYREIPKGSTTPRDLGLLWKTHLHHCCALE\*\*LE\*\*IL\*GNLG\*HDLDAVGERN\*QLHTHNIQLT\*KIAEPTRKE\*TRLTGIG\*MGKFVELV\*HNKVAVVYKNIHYNSGRFSRFKNSFYCTFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG196908.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAHQGSKDHQVPLSKQ\*VVHVMQPLVILAIIALVVVGIIAIVVWTIVLIEYRKLLRQRRIDRLIDRIRERAEDSGNESEGDQEDLSALLEMGHDAPWDVDDL\*CYRTNVGHSLLWSTCVERSKHHSLLCIRL\*GI\*HRGT\*CLGHTCLCTHRSQPTRSSNGKCDRKF\*YVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LEK\*EYQ\*SAGRGRRNKKLLFQHQRKEKR\*DTERICIVL\*TRCSTNRGE\*WE\*YKLCFDKL\*HLSSYTGLSKDIL\*TNSHTLLCPGWFCDSQV\*\*QEIQWIRTM\*KCQHSTMYTWNSASSVNSTIVEW\*SSRRRYST\*I\*KFHKQC\*NHNSTSECNNRNQLYKTQQQYKKKXTYSTRESILCNRRNSRRYKTSTL\*H\*\*RKME\*YFKTDSYKIKRTI\*K\*NNNL\*STLRGGPRDYNAQF\*LWRGIFLL\*YNTAV\*\*YLAV\*\*YYE\*CYRIKQQ\*YHTPMQNKTNYKQVAGSRKSNVCPSHSRNN\*MFIKYYRATINKRWW\*\*\*QHQGDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGQEKSGAERKKSSNNRSLFPWVLGSSRKHYGRSVGDADGTGQTTIVWYSATAEQSAESY\*GATAYVATHSLGHKAAPGKSPGYREIPKGSTTPRDLGLLWKTHLHHCCALE\*\*LE\*\*IL\*GNLG\*HDLDAVGERN\*QLHTHNIQLT\*KIAEPTRKE\*TRLTGIG\*MGKFVELV\*HNKVAVVYKNIHYNSGRFSRFKNSFYCTFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG196909.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAHQGSKDHQVPLSKQ\*VVHVMQPLVILAIIALVVVGIIAIVVWTIVLIEYRKLLRQRRIDRLIDRIRERAEDSGNESEGDQEDLSALLEMGHDAPWDVDDL\*CYRTNVGHSLLWSTCVERSKHHSLLCIRC\*GI\*HRGT\*CLGHTCLCTHRSQPTRSSNGKCDRKF\*YVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LEK\*EYQ\*SAGRGRRNKKLLFQHQHKEKR\*DTERICIVL\*TRCSTNRGE\*WE\*YKLCFDKL\*HLSSYTGLSKDIL\*TNSHTLLCPGWFCDSQV\*\*QEIQWIRTM\*KCQHSTMYTWNSASSVNSTIVEW\*SSRRRYST\*I\*KFHKQC\*NHNSTSECNNRNQLYKTQQQYKKKYTYSTRESILCNRRNSRRYKTSTL\*H\*\*RKME\*HFKTDSYKIKRTI\*K\*NNNL\*SIHRGGPRNYNAQF\*LWRGIFLL\*YNTAV\*\*YLAV\*\*YYE\*CYRIKQQ\*YHTPMQNKTNYKQVAGSRKSNVCPSHSRNN\*MFIKYYRATINKRWW\*\*\*QHQGDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGQEKSGAERKKSSNNRSLFPWVLGSSRKHYGRSVGDADGTGQTTIVWYSATAEQSAESY\*GATAYVATHSLGHKAAPGKSPGYREIPKGSTTPRDLGLLWKTHLHHCCALE\*\*LE\*\*IL\*GNLG\*HDLDAVGERN\*QLHTHNIQLT\*KIAEPTRKE\*TRLTGIG\*MGKFVELV\*HNKVAVVYKNIHYNSGRFSRFKNSFYCTFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG196910.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAHQGSKDHQVPLSKQ\*VVHVMQPLVILAIIALVVVGIIAIVVWTIVLIEYRKLLRQRRIDRLIDRIRERAEDSGNESEGDQEDLSALLEMGHDAPWDVDDL\*CYRTNVGHSLLWSTCVERSKHHSLLCIRL\*GI\*HRGT\*CLGHTCLCTHRSQPTRSSNGKCDRKF\*YVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LEK\*DYQ\*SAGRRNKKLLFQHQHKEKR\*DTERICIVL\*TRCSTNRGE\*WE\*YKLCFDKL\*HLSSYTGLSKDIL\*TNSHTLLCPGWFCDSQV\*\*QEIQWIRTM\*KCQHSTMYTWNSASSVNSTIVEW\*SSRRRYST\*I\*KFHKQC\*NHNSTSECNNRNQLYKTQQQYKKKYTYSTRESILCNRRNSRRYKTSTL\*H\*\*RKME\*HFKTDSYKIKRTI\*K\*NNNL\*SILRGGPRNYNAQF\*LWRGIFLL\*YNTAV\*\*YLAV\*\*YYE\*CYRIKQQ\*YHTPMQNKTNYKQVAGSRKSNVCPSHSRNN\*MFIKYYRATINKRWW\*\*\*QHQGDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGQEKSGAERKKSSNNRSLFPWVLGSSRKHYGRSVGDADGTGQTTIVWYSATAEQSAESY\*GATAYVATHSLGHKAAPGKSPGYREIPKGSTTPRDLGLLWKTHLHHCCALE\*\*LE\*\*IL\*GNLG\*HDLDAVGERN\*QLHTHNIQLT\*KIAEPTRKE\*TRLTGIG\*MGKFVELV\*HNKVAVVYKNIHYNSGRFSRFKNSFYCTFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG196911.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRAHQGSKDHQVPLSKQ\*VVHVMQPLVILAIIALVVVGIIAIVVWTIVLIEYRKLLRQRRIDRLIDRIRERAEDSGNESEGDQEDLSALLEMGHDAPWDVDDL\*CYRTNVGHSLLWSTCVERSKHHSLLCIRC\*GI\*HRGT\*CLGHTCLCTHRSQPTRSSNGKCDRKF\*YVEK\*HGRTNA\*GYNQFMGSKPKAMCKINSTLCYFKLH\*LEK\*DYQ\*SAGRRNKKLLFQHQHKEKR\*DTERICIVL\*TRCSTNRGE\*WE\*YKLCFDKL\*HLSSYTGLSKDIL\*TNSHTLLCPGWFCDSQV\*\*QEIQWIRTM\*KCQHSTMYTWNSASSVNSTIVEW\*SSRRRYST\*I\*KFHKQC\*NHNSTSECNNRNQLYKTQQQYKKKYTYSTRESILCNRRNSRRYKTSTL\*H\*\*RKME\*HFKTDSYKIKRTI\*K\*NNNL\*SIHRGGPRNYNAQF\*LWRGIFLL\*YNTAV\*\*YLAV\*\*YYE\*CYRIKQQ\*YHTPMQNKTNYKQVAGSRKSNVCPSHSRNN\*MFIKYYRATINKRWW\*\*\*QHQGDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRSSTHQGQEKSGAERKKSSNNRSLFPWVLGSSRKHYGRSIGDADGTGQTTIVWYSATAEQSAESY\*GATAYVATHSLGHKAAPGKSPGYREIPKGSTTPRDLGLLWKTHLHHCCALE\*\*LE\*\*IL\*GNLG\*HDLDAVGERN\*QLHTHNIQLT\*KIAEPTRKE\*TRLTGIG\*MGKFVELV\*HNKVAVVYKNIHYNSGRFSRFKNSFYCTFYSE\*S\*AGILTIVIPDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG196912.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQAHQASLPKQ\*VVHVMQSLNILAIVALIVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFVGMDVPLVINDL\*CCRKFVGHSILWGTCMERNNHHSLLCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRNVFGKCDRKF\*YVEK\*HGRPDA\*GYNQLVGSKPKAMCEINPTLCYFKLH\*LEECY\*\*\*Y\*LHWW\*RDKKLLFQCHHRHRRKDAKSICTFLCT\*CNANRWR\*Y\*LYVDKV\*HLNHYTGLSKDVL\*ANSHTLLCPGWFCDSKM\*\*REVQWIRTM\*KCQYSTMYTWN\*ASSINSTAVKWQSSRRRGSA\*I\*KFHKQC\*NHNSTAKKPCKN\*LYETWQQYKKEYTYRTRKSILYRRNSRRYKESTL\*H\*WKRME\*HVDPDSYKVKGTIWE\*\*NNSL\*SLLRRGPRSCNAQF\*LWRGIFLL\*LNTTV\*\*YLE\*\*\*YRVK\*HQNQ\*HNHTPMQNKTNYKHVAGSRKSNVRPSHQWTH\*LFIKYHRAAVNKRWWC\*QEWQ\*DL\*TWRRRYEGQLEK\*IV\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVTDADGTGQTITVWYSATAEQFAEGH\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALER\*LE\*\*NSGSDLG\*HDLDGMGQRN\*QVHKHNIHFTCRLAEPARKK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKDIHNDSRRLGRFKNSFYCAFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRWIRSI

>B.2012.MG196913.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQAHQASLPKQ\*VVHVMQSLNILAIVALIVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFVGMDVPLVINDL\*CCRKFVGHSILWGTCMERNNHHSLLCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRNVFGKCDRKF\*YVEK\*HGRPDA\*GYNQLVGSKPKAMCEINPTLCYFKLH\*LEECY\*\*\*Y\*LHWW\*RDKKLLFQCHHRHRRKDAKSICTFLCT\*CNANRWR\*Y\*LYVDKV\*HLNHYTGLSKDVL\*ANSHTLLCPGWFCDSKM\*\*REVQWIRTM\*KCQYSTMYTWN\*ASSINSTAVKWQSSRRRGSA\*I\*KFHKQC\*NHNSTAKKPCKN\*LYETWQQYKKEYTYRTRKSILYRRNSRRYKESTL\*H\*WKRME\*HVDPDSYKVKGTIWE\*\*NNSL\*SLLRRGPRSCNAQF\*LWRGIFLL\*LNTTV\*\*YLE\*\*\*YRVK\*HQNQ\*HNHTPMQNKTNYKHVAGSRKSNVRPSHQWTH\*LFIKYHRAAVNKRWWC\*QEWQ\*DL\*TWRRRYEGQLEK\*IV\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSCVPWVLGSSRKHYGRSVTDADGTGQTITVWYSATAEQFAEGH\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALER\*LE\*\*NSGSDLG\*HDLDGMGQRN\*QVHKHNIHFTCRLAEPARKK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKDIHNDSRRLGRFKNSFYCAFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRWIRSI

>B.2012.MG196914.-

MEPVAPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQAHQASLPKQ\*VVHVMQSLNILAIVALIVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFVGMDVPLVINDL\*CCRKFVGHSILWGTCMERNNHHSLLCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRNVFGKCDRKF\*YVEK\*HGRPDA\*GYNQLVGSKPKAMCEINPTLCYFKLH\*LEECY\*\*\*Y\*LHWW\*RDKKLLFQCHHRHRRKDAKSICTFLCT\*CNANRWR\*Y\*LYVDKV\*HLNHYTGLSKDVL\*ANSHTLLCPGWFCDSKM\*\*REVQWIRTM\*KCQYSTMYTWN\*ASSINSTAVKWQSSRRRGSA\*I\*KFHKQC\*NHNSTAKKPCKN\*LYETWQQYKKEYTYRTRKSILYRRNSRRYKESTL\*H\*WKRME\*HVDPDSYKVKGTIWE\*\*NNSL\*SLLRRGPRSCNAQF\*LWRGIFLL\*LNTTV\*\*YLE\*\*\*YRVK\*HQNQ\*HNHTPMQNKTNYKHVAGSRKSNVRPSHQWTH\*LFIKYHRAAVNKRWWC\*QEWQ\*DL\*TWRRRYEGQLEK\*IV\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVTDADGTGQTITVWYSATAEQFAEGH\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALER\*LE\*\*NSGSDLG\*HDLDGMGQRN\*QVHKHNIHFTCRLAEPARKK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKDIHNDSRRLGRFKNSFSCAFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRWIRSI

>B.2012.MG196915.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQAHQASLPKQ\*VVHVMQSLHILAIVALIVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFVGMDVPLVINDL\*CCRKFVGHSILWGTCMERNNHHSLLCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRNVFGKCDRKF\*YVEK\*HGRPDA\*GYNQLVGSKPKAMCEINPTLCYFKLH\*LEECY\*\*\*Y\*LHWW\*RDKKLLFQCHHRHRRKDAKSICTFLCT\*CNANRWR\*Y\*LYVDKV\*HLNHYTGLSKDVL\*ANSHTLLCPGWFCDSKM\*\*REVQWIRTM\*KCQYSTMYTWN\*ASSINSTAVKWQSSRRRGSA\*I\*KFHKQC\*NHNSTAKKPCKN\*LYETWQQYKKEYTYRTRKSILYRRNSRRYKESTL\*H\*WKRME\*HVDPDSYKVKGTIWE\*\*NNSL\*SLLRRGPRSCNAQF\*LWRGIFLL\*LNITV\*\*YLE\*\*\*YRVK\*HQNQ\*HNHTPMQNKTNYKHVAGSRKSNVRPSHQWTH\*LFIKYHRAAVNKRWWC\*QEWQ\*DL\*TWRRRYEGQLEK\*IV\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVTDADGTGQTITVWYSATAEQFAEGH\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALER\*LE\*\*NSGSDLG\*HDLDGMGQRN\*QVHKHNIHFTCRLAEPARKK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKDIHNDSRRLGRFKNSFYCAFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRWIRSI

>B.2012.MG196916.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQAHQASLPKQ\*VVHVMQSLNILAIVALIVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFVGMDVPLVINDL\*CCRKFVGHSILWGTCMERNNHHSLLCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRNVFGKCDRKF\*YVEK\*HGRPDA\*GYNQLVGSKPKAMCEINPTLCYFKLH\*LEECY\*\*\*Y\*LHWW\*RDKKLLFQCHHRHRRKDAKSICTFLCT\*CNANRWR\*Y\*LYVDKV\*HLNHYTGLSKDVL\*ANSHTLLCPGWFCDSKM\*\*REVQWIRTM\*KCQYSTMYTWN\*ASSINSTAVKWQSSRRRGSA\*I\*KFHKQC\*NHNSTAKKPCKN\*LYETWQQYKKEYTYRTRKSILYRRNSRRYKESTL\*H\*WKRME\*HVDPDSYKVKGTIWE\*\*NNSL\*SLLRRGPRSCNAQF\*LWRGIFLL\*LNTTV\*\*YLE\*\*\*YRVK\*HQNQ\*HNHTPMQNKTNYKHVAGSRKSNVRPSHQWTH\*LFIKYHRAAVNKRWWC\*QEWQ\*DL\*TWRRRYEGQLEK\*IV\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVTDADGTGQTITVWYSATAEQFAEGH\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALER\*LE\*\*NSGSDLG\*HDLDGMGQRN\*QVHKHNIHFTCRLAEPARKK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKDIHNDSRRLGRFKNSFYCAFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRWIRSI

>B.2012.MG196917.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQAHQASLPKQ\*VVHVMQSLNILAIVALIVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFVGMDVPLVINDL\*CCRKFVGHSILWGTCMERNNHHSLLCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRNVFGKCDRKF\*YVEK\*HGRPDA\*GYNQLVGSKPKAMCEINPTLCYFKLH\*LEECY\*\*\*Y\*LHWW\*RDKKLLFQCHHRHRRKDAKSICTFLCT\*CNANRWR\*Y\*LYVDKV\*HLNHYTGLSKDVL\*ANSHTLLCPGWFCDSKM\*\*REVQWIRTM\*KCQYSTMYTWN\*ASSINSTAVKWQSSRRRGSA\*I\*KFHKQC\*NHNSTAKKPCKN\*LYETWQQYKKEYTYRTRKSILYRRNSRRYKESTL\*H\*WKRME\*HVDPDSYKVKGTIWE\*\*NNSL\*SLLRRGPRSCNAQF\*LWRGIFLL\*LNTTV\*\*YLE\*\*\*YRVK\*HQNQ\*HNHTPMQNKTNYKHVAGSRKSNVRPSHQWTH\*LFIKYHRAAVNKRWWC\*QEWQ\*DL\*TWRRRYEGQLEK\*IV\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVTDADGTGQTITVWYSATAEQFAEGH\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALER\*LE\*\*NSGSDLG\*HDLDGMGQRN\*QVHKHNIHFTCRLAEPARKK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKDIHNDSRRLGRFKNSFYCAFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRWIRSI

>B.2012.MG196918.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQAHQASLPKQ\*VVHVMQSLNILAIVALXVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFVGMDVPLVINDL\*CCRKFVGHSILWGTCMERNNHHSLLCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRNVFGKCDRKF\*YVEK\*HGRPDA\*GYNQLVGSKPKAMCEINPTLCYFKLH\*LEECY\*\*\*Y\*LHWW\*RDKKLLFQCHHRHRRKDAKSICTFLCT\*CNANRWR\*Y\*LYVDKV\*HLNHYTGLSKDVL\*ANSHTLLCPGWFCDSKM\*\*REVQWIRTM\*KCQYSTMYTWN\*ASSINSTAVKWQSSRRRGSA\*I\*KFHKQC\*NHNSTAKKPCKN\*LYETWQQYKKEYTYRTRKSILYRRNSRRYKESTL\*H\*WKRME\*HVDPDSYKVKGTIWE\*\*NNSL\*SLLRRGPRSCNAQF\*LWRGIFLL\*LNTTV\*\*YLE\*\*\*YRVK\*HQNQ\*HNHTPMQNKTNYKHVAGSRKSNVRPSHQWTH\*LFIKYHRAAVNKRWWC\*QEWQ\*DL\*TWRRRYEGQLEK\*IV\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVTDADGTGQTITVWYSATAEQFAEGH\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALER\*LE\*\*NSGSDLG\*HDLDGMGQRN\*QVHKHNIHFTCRLAEPARKK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKDIHNDSRRLGRFKNSFYCAFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRWIRSI

>B.2012.MG196919.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQAHQASLPKQ\*VVHVMQSLNILAIVALIVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFVGMDVPLVINDL\*CCRKFVGHSILWGTCMERNNHHSLLCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRNVFGKCDRKF\*YVEK\*HGRPDA\*GYNQLVGSKPKAMCEINPTLCYFKLH\*LEECY\*\*\*Y\*LHWW\*RDKKLLFQCHHRHRRKDAKSICTFLCT\*CNANRWR\*Y\*LYVDKV\*HLNHYTGLSKDVL\*ANSHTLLCPGWFCDSKM\*\*REVQWIRTM\*KCQYSTMYTWN\*ASSINSTAVKWQSSRRRGSA\*I\*KFHKQC\*NHNSTAKKPCKN\*LYETWQQYKKEYTYRTRKSILYRRNSRRYKESTL\*H\*WKRME\*HVDPDSYKVKGTIWE\*\*NNSL\*SLLRRGPRSCNAQF\*LWRGIFLL\*LNTTV\*\*YLE\*\*\*YRVK\*HQNQ\*HNHTPMQNKTNYKHVAGSRKSNVRPSHQWTH\*LFIKYHRAAVNKRWWC\*QEWQ\*DL\*TWRRRYEGQLEK\*IV\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVTDADGTGQTITVWYSATAEQFAEGH\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGNLGLLWKTHLHHYCALER\*LE\*\*NSGSDLG\*HDLDGMGQRN\*QVHKHNIHFTCRLAEPARKK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKDIHNDSRRLGRFKNSFYCAFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRWIRSI

>B.2012.MG196920.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQAHQASLPKQ\*VVHVMQSLNILAIVALIVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFVGMDVPLVINDL\*CCRKLVGHSILWGTCMERNNHHSLLCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRNVFGKCDRKF\*YVEK\*HGRPDA\*GYNQLVGSKPKAMCEINPTLCYFKLH\*LEECY\*\*\*Y\*LHWW\*RDKKLLFQCHHRHRRKDAKSICTFLCT\*CNANRWR\*Y\*LYVDKV\*HLNHYTGLSKDVL\*ANSHTLLCPGWFCDSKM\*\*REVQWIRTM\*KCQYSTMYTWN\*ASSINSTAVKWQSSRRRGSA\*I\*KFHKQC\*NHNSTAKKPCKN\*LYETWQQYKKEYTYRTRKSILYRRNSRRYKESTL\*H\*WKRME\*HVDPDSYKVKGTIWE\*\*NNSL\*SLLRRGPRSCNAQF\*LWRGIFLL\*LNTTV\*\*YLE\*\*\*YRVK\*HQNQ\*HNHTPMQNKTNYKHVAGSRKSNVRPSHQWTH\*LFIKYHRAAVNKRWWC\*QEWQ\*DL\*TWRRRYEGQLEK\*IV\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGIRSYVPWVLGSSRKHYGRSVTDADGTGQTITVWYSATAEQFAEGH\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHYCALER\*LE\*\*NSGSDLG\*HDLDGMGQRN\*QVHKHNIHFTCRLAEPARKK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKDIHNDSRRLGRFKNSFYCAFYSE\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRWIRSI

>B.2012.MG196921.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRGTPQSSQAHQASLPKQ\*VVHVMQSLNILAIVALIVAAIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSAFVGMDVPLVINDL\*CCRKFVGHSILWGTCMERNNHHSLLCIRC\*SI\*NRGT\*CLGHTCLCTHRPQPTRNVFGKCDRKF\*YVEK\*HGRPDA\*GYNQLVGSKPKAMCEINPTLCYFKLH\*LEECY\*\*\*Y\*LHWW\*RDKKLLFQCHHRHRRKDAKSICTFFMHLM\*CQ\*MEIILAIR\*QSVTPQSLHRPVQRCPLSQFPYIIVPRLVLRF\*NVMKRSSMDQDHVKMSVQYNVHMELGQ\*YQLNCC\*MAV\*QKER\*CLDLKISQTMLKP\*\*YS\*KTL\*ELIVRDLATIQERVYI\*DQEEHFIQEK\*\*EI\*GEHIVTLVEENGIAR\*SR\*LQS\*GNNLGIIKQ\*SLITPQEGTQKL\*RTVLIVEGNFSTVTQHHCLIVLGIVIVQG\*IAPKPITQSHSNAE\*NKL\*TCGRK\*EEQCTPLPSVDTLTVHQISQGCC\*QEMVVLTRMAVRPLDLEEEI\*GTIGEVNCINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQWD\*ELCSLGSWEQQEALWAQRH\*R\*RYRPDNYCLV\*CNSRTIC\*GPLRRNSICCNSQSGASSSSRQESWLWKDT\*RINSSWGFGVALENSSAPLLCLGTLVGVIKLWIRFGIT\*PGWNGTEKLTSTQAQYTLYLQTRRTSKKKMNKNYWNWINGQVCGIGLT\*QNGCGI\*RYS\*\*\*\*EAW\*V\*E\*FLLCFL\*\*IELGRDTHHCHFRPASQPRGDPTGPKESKKEMEREAEMDPVN\*

>B.2012.MG196922.-

MEPVDPRLEPWKHPGSQPTTPCTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQNHQVPPPKQ\*VVHVMQPLVILSVIALVIVGIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRDRAEDSGNESEGDQEELSALVLEMGHDAPWDVNDL\*CYRVIVGHSILWGTCVERSNHHSILCIRC\*SI\*TRGT\*CLGHTCLCTHRP\*STRSIIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*CECYE\*\*RFEGE\*GRTKKLLFQCHHKHRK\*DAKRICNFL\*T\*CRANR\*\*\*HNL\*VDKL\*HLSPYTGLSKDKL\*TNSHTLLYPCWFCVYKV\*\*\*EVQWNRTM\*KCQHSTMHTWN\*ASSINSTAIKWQSSRRRDSN\*I\*KYHRQC\*NHNSTAKRICSN\*LYKTQQ\*YKKRYTFRIRENIL\*SGRHNRRYKKSTLQR\*YRTMGKNFKTGSCKIKRTI\*\*NNTL\*SLLRRGSRNCNAQF\*L\*RRILLL\*YNKTV\*WDCRTDRK\*H\*S\*KYHNNHTPMQNKTNCKQVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWWEQY\*\*QRDLQTCRRRYEGQLEK\*II\*I\*SSEN\*AIRSSTHQGKKKSGAERKKSSGSTRSYVPWVSGNSRKHYGRSGSDADGTGQAIIVWYSATAEQPAESY\*GATTPVATHSLGH\*TAPGKSPGCGKIPSGSTAPRDLGLLWKAHLLH\*CALEY\*LE\*\*IYG\*NLAEHDLDGVGKRN\*QLHRPNIQLA\*NIAKPTGKE\*TRIVGIG\*VGKFVELV\*HIKLAVVYKDIHNNSRRLSRFKISFYCTFYSE\*G\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2012.MG196923.-

MEPVDPRLEPWKHPGSQPTTPCTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQNHQVPPPKQ\*VVHVMQPLVILSVIALVIVGIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRDRAEDSGNESEGDQEELSALVLEMGHDAPWDVNDL\*CYRVIVGHSILWGTCVERSNHHSILCIRC\*SI\*TRGT\*CLGHTCLCTHRP\*STRSIIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*CECYE\*\*RFEGE\*GRTKKLLFQCHHKHRK\*DAKRICNFL\*T\*CRANR\*\*\*HNL\*VDKL\*HLSPYTGLSKDKL\*TNSHTLLYPCWFCVYKV\*\*\*EVQWNRTM\*KCQHSTMHTWN\*ASSINSTAIKWQSSRRRDSN\*I\*KYHRQC\*NHNSTAKRICSN\*LYKTQQ\*YKKRYTFRIRENIL\*SGRHNRRYKKSTLQR\*YRTMGKNFKTGSCKIKRTI\*\*NNTL\*SLLRRGSRNCNAQF\*L\*RRILLL\*YNKAV\*WDCRTDRK\*H\*S\*KYHNNHTPMQNKTNCKQVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWWEQY\*\*QRDLQTCRRRYEEQLEK\*II\*I\*SSEN\*AIRSSTHQGKKKSGAERKKSSGSTRSYVPWVSGNSRKHYGRSGSDADGTGQAIIVWYSATAEQPAESY\*GATTPVATHSLGH\*TAPGKSPGCGKIPSGSTAPRDLGLLWKAHLLH\*CALEY\*LE\*\*IYG\*NLAEHDLDGVGKRN\*QLHRPNIQLA\*NIAKPTGKE\*TRIVGIG\*VGKFVELV\*HIKLAVVYKDIHNNSRRLSRFKISFYCTFYSE\*G\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2012.MG196924.-

MEPVDPRLEPWKHPGSQPTTPCTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQNHQVPPPKQ\*VVHVMQPLVILSVIALVIVTIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRDRAEDSGNESEGDQEELSALVLEMGHDAPWDVNDL\*CYRVIVGHSILWGTCVERSNHHSILCIRC\*SI\*TRGT\*CLGHTCLCTHRP\*STRSIIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*CECYE\*\*RFEGE\*GRTKKLLFQCHHKHRK\*DAKRICNFL\*T\*CRANR\*\*\*HNL\*VDKL\*HLSPYTGLSKDKL\*TNSHTLLYPCWFCVYKV\*\*\*EVQWNRTM\*KCQHSTMHTWN\*ASSINSTAIKWQSSRRRNSN\*I\*KYHRQC\*NHNSTAKRICSN\*LYKTQQ\*YKKRYTFRIRENIL\*SGRHNRRYKKSTLQR\*YRTMGKNFKTGSCKIKRTI\*\*NNTL\*SLLRRGSRNCNAQF\*L\*RRILLL\*YNKTV\*WDCRTDRK\*H\*S\*KYHNNHTPMQNKTNCKQVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWWEQY\*\*QRDLQTCRRRYEGQLEK\*II\*I\*SSEN\*AIRSSTHQGKKKSGAERKKSSGSTRSYVPWVSGNSRKHYGRSGSDADGTGQAIIVWYSATAEQPAESY\*GATTPVATHSLGH\*TAPGKSPGCGKIPSGSTAPRDLGLLWKAHLLH\*CALEY\*LE\*\*IYG\*NLAEHDLDGVGKRN\*QLHRPNIQLA\*NIAKPTGKE\*TRIVGIG\*VGKFVELV\*HIKLAVVYKDIHNDSRRLSRFKINFYCTFYSE\*G\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2012.MG196931.-

MEPVDPRLEPWKHPGSQPTTPCTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQNHQVPPPKQ\*VVHVMQPLVILSVIALVIVGIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRDRAEDSGNESEGDQEELSALVLEMGHDAPWDVNDL\*CYRVIVGHSILWGTCVERSNHHSILCIRC\*SI\*TRGT\*CLGHTCLCTHRP\*STRSIIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLX\*CECYE\*\*RFGGE\*GRTKKLLFQCHHKHRK\*DAKRICNFL\*T\*CRANR\*\*\*HNL\*VDKL\*HLSPYTGLSKDKL\*TNSHTLLYPCWFCVYKV\*\*\*KVQWNRTM\*KCQHSTMHTWN\*ASSINSTAIKWQSSRRRDSN\*I\*KYHRQC\*NHNSTAKRICSN\*LYKTQQ\*YKKRYTFRIRENIL\*SGRHNRRYKKSTLQR\*YRTMGKNFKTGSCKIKRTI\*\*NNTL\*SLLRRGSRNCNAQF\*L\*RRILLL\*YNKTV\*WDCRTDRK\*H\*S\*KYHNNHTPMQNKTNCKQVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWWEQY\*\*QRDLQTCRRRYEGQLEK\*II\*I\*SSEN\*AIRSSTHQGKKKSGAERKKSSGSTRSYVPWVSGNSRKHYGRSGSDADGTGQAIIVWYSATAEQPAESY\*GATTPIATHSLGH\*TAPGKSPGCGKIPSGSTAPRDLGLLWKAHLLH\*CALEY\*LE\*\*IYG\*NLAEHDLDGVGKRN\*QLHRPNIQLA\*NIAKPTGKE\*TRIVGIG\*VGKFVELV\*HIKLAVVYKDIHNDSRRLNRFKISFYYTFYSE\*G\*AGILTIVIPDPPPSSEGTRQAEGTEEEGGERDRDRSDQL

>B.2012.MG196932.-

MEPVDPRLEPWKHPGSQPTTPCTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQNHQVPPPKQ\*VVHVMQPLVILSVIALVIVSIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRDRAEDSGNESEGDQEELSALVLEMGHDAPWDVNDL\*CYRVIVGHSILWGTCVERSNHHSILCIRC\*SI\*TRGT\*CLGHTCLCTHRP\*STRSIIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*CECYE\*\*RFEGE\*GRTKKLLFQCHHKHRK\*DAKRICNFL\*T\*CRANR\*\*\*HNL\*VDKL\*HLSPYTGLSKDKL\*TNSHTLLYPCWFCVYKV\*\*\*EVQWNRTM\*KCQHSTMHTWN\*ASSINSTAIKWQSSRRRDSN\*I\*KYHRQC\*NHNSTAKRICSN\*LYKTQQ\*YKKRYTFRIRENIL\*SGRHNRRYKKSTLQR\*YRTMGKNFKTGSCKIKRTI\*\*NNTL\*SLLRRGSRNCNAQF\*L\*RRILLL\*YNKTV\*WDCRTDRK\*H\*S\*KYHNNHTPMQNKTNCKQVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWWEQY\*\*QRDLQTCRRRYEGQLEK\*II\*I\*SSEN\*AIRSSTHQGKKKSGAERKKSSGSTRSYVPWVSGNSRKHYGRSGSDADGTGQAIIVWYSATAEQPAESY\*GATTPVATHSLGH\*TAPGKSPGCGKIPSGSTAPRDLGLLWKAHLLH\*CALEY\*LE\*\*IYG\*NLAEHDLDGVGKRN\*QLHRPNIQLA\*NIAKPTGKE\*TRIVGIG\*VGKFVELV\*HIKLAVVYKDIHNDSRRLSRFKISFYCTFYSE\*G\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2012.MG196933.-

MEPVDPRLEPWKHPGSQPTTPCTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQNHQVPPPKQ\*VVHVMQPLVILSVIALVIVSIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRDRAEDSGNESEGDQEELSALVLEMGHDAPWDVNDL\*CYRVIVGHSILWGTCVERSNHHSILCIRC\*SI\*TRGT\*CLGHTCLCTHRP\*STRSIIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*CECYE\*\*RFEGE\*GRTKKLLFQCHHKHRK\*DAKRICNFL\*T\*CRANR\*\*\*HNL\*VDKL\*HLSPYTGLSKDKL\*TNSHTLLYPCWFCVYKV\*\*\*EVQWNRTM\*KCQHSTMHTWN\*ASSINSTAIKWQSSRRRDSN\*I\*KYHRQC\*NHNSTAKRICSN\*LYKTQQ\*YKKRYTFRIRENIL\*SGRHNRRYKKSTLQR\*YRTMGKNFKTGSCKIKRTI\*\*NNTL\*SLLRRGSRNCNAQF\*L\*RRILLL\*YNKTV\*WDCRTDRK\*H\*S\*KYHNNHTPMQNKTNCKQVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRW\*EQY\*\*QRDLQTCRRGYEGQLEK\*II\*I\*SSEN\*AIRSSTHQGKKKSGAERKKSSGSTRSYVPWVSGNSRKHYGRSGSDADGTGQAIIVWYSATAEQPAESY\*GATTPVATHSLGH\*TAPGKSPGCGKIPSGSTAPRDLGLLWKAHLLH\*CALEY\*LE\*\*IYG\*NLAEHDLDGVGKRN\*QLHRPNIQLA\*NIAKPTGKE\*TRIVGIG\*VGKFVELV\*HIKLAVVYKDIHNDSRRLSRFKISFYCTFYSE\*G\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2012.MG196934.-

MEPVDPRLEPWKHPGSQPTTPCTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQNHQVPPPKQ\*VVHVMQPLVILSVIALVIVGIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRDRAEDSGNESEGDQEELSALVLEMGHDAPWDVNDL\*CYRVIVGHSILWGTCVERSNHHSILCIRC\*SI\*TRGT\*CLGHTCLCTHRP\*STRSIIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*CECYE\*\*RFEGE\*GRTKKLLFQCHHKHRK\*DAKRICNFL\*T\*CRANR\*\*\*HNKL\*HLSPYTGLSKDKL\*TNSHTLLYPCWFCVYKV\*\*\*EVQWNRTM\*KCQHSTMHTWN\*ASSINSTAIKWQSSRRRDNN\*I\*KYHRQC\*NHNSTEQWVKTLKQVAAKLKEQFNKTILFNHSSGGDPEIVMHSFNCRGEFFYCNTTKLFNGTAEQIENNTKAENITTIILPCRIKQIVNRWQEVGKAMYAPPIQGRISCSSNITGLLLTRDGGNNTSNNETFRPAGGDMRNNWRSELYKYKVVRIEPLGVAPTKAKRRVVQREKRAVGALGAMFLGFLGTAGSTMGAAAVTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLADQQLLGIWGCSGKLICYTDVPWNTSWSNKSMDKIWQNMTWMEWEREIDNYTGLIYNLLETSQNQQEKNEQELLELDKWANLWNWFSISNWLWYIKIFVMIVGGLVGLRLVFIVLSIVNRVRQGYSPLSFQIRLPAPRGPDRPEGTEEEGGERDRDRSDRL

>B.2012.MG196935.-

MEPVDPRLEPWKHPGSQPTTPCTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQNHQVPPPKQ\*VVHVMQPLVILSVIALVIVGIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRDRAEDSGNESEGDQEELSALVLEMGHDAPWDVNDL\*CYRVIVGHSILWGTCVERSNHHSILCIRC\*SI\*TRGT\*CLGHTCLCTHRP\*STRSIIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*CECYE\*\*RFEGE\*GRTKKLLFQCHHKHRK\*DAKRICNFL\*T\*CRANR\*\*\*HNL\*VDKL\*HLSPYTGLSKDKL\*TNSHTLLYPCWFCVYKV\*\*\*EVQWNRTM\*KCQHSTMHTWN\*ASSINSTAIKWQSSRRRDSN\*I\*KYHRQC\*NHNSTAKRICSN\*LYKTQQ\*YKKRYTFRIRENIL\*SGRHNRRYKKSTLQR\*YRTMGKNFKTGSCKIKRTI\*\*NILFNHSSGGDPEIVMHSFNCRGEFFYCNTTKLFNGTAEQIENNTKAENITTIILPCRIKQIVNRWQEVGKAMYAPPIQGRISCSSNITGLLLTRDGGNNTSNNETFRPAGGDMRDNWRSELYKYKVVRIEPLGVAPTKAKRRVVQREKRAVGALGAMFLGFLGTAGSTMGAAAVTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLADQQLLGIWGCSGKLICYTDVPWNTSWSNKSMDKIWQNMTWMEWEREIDNYTGLIYNLLETSQNQQEKNEQELLELDKWANLWNWFSISNWLWYIKIFIIIVGGLVGLRLVFIVLSIVNRVRQGYSPLSFQIRLPAPRGPDRPEGTEEEGGERDRDRSDRL

>B.2012.MG196936.-

MEPVDPRLEPWKHPGSQPTTPCTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQNHQVPPPKQ\*VVHVMQPLVILSVIALVIVGIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRDRAEDSGNESEGDQEELSALVLEMGHDAPWDVNDL\*CYRVIVGHSILWGTCVERSNHHSILCIRC\*SI\*TRGT\*CLGHTCLCTHRP\*STRSIIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*CECYE\*\*RFEGE\*GRTKKLLFQCHHKHRK\*DAKRICNFL\*T\*CRANR\*\*\*HNL\*VDKL\*HLSPYTGLSKDKL\*TNSHTLLYPCWFCVYKV\*\*\*EVQWNRTM\*KCQHSTMHTWN\*ASSINSTAIKWQSSRRRDSN\*I\*KYHRQC\*NHNSTAKRICSN\*LYKTQQ\*YKKRYTFRIRENIL\*SGRHNRRYKKSTLQR\*YRTMGKNFKTGSCKIKRTI\*\*NNTL\*SLLRRGSRNCNTQF\*L\*RRILLL\*YNKTV\*WDCRTDRK\*H\*S\*KYHNNHTPMQNKTNCKQVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWWEQY\*\*QRDLQTCRRRYEEQLEK\*II\*I\*SSEN\*AIRSSTRQGKKKSGAERKKSSGSTRSYVPWVSGNSRKHYGRSGSDADGTGQAIIVWYSATAEQPAESY\*GATTPVATHSLGH\*TAPGKSPGCGKIPSGSTAPRDLGLLWKAHLLH\*CALEY\*LE\*\*IYG\*NLAEHDLDGVGKRN\*QLHRPNIQLA\*NIAKPTGKE\*TRIVGIG\*VGKFVELV\*HIKLAVVYKDIHNDSRRLSRFKISFYCTFYSE\*G\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2012.MG196937.-

MEPVDPRLEPWKHPGSQPTTPCTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQNHQVPPPKQ\*VVHVMQPLVILSVIALVIVGIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRDRAEDSGNESEGDQEELSALVLEMGHDAPWDVNDL\*CYRVIVGHSILWGTCVERSNHHSILCIRC\*SI\*TRGT\*CLGHTCLCTHRP\*STRSIIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*CECYE\*\*RFEGE\*GRTKKLLFQCHHKHRK\*DAKRICNFL\*T\*CRANR\*\*\*HNL\*VDKL\*HLSPYTGLSKDKL\*TNSHTLLYPCWFCVYKV\*\*\*EVQWNRTM\*KCQHSTMHTWN\*ASSINSTAIKWQSSRRRDNN\*I\*KYHRQC\*NHNSTAKRICSN\*LYKTQQ\*YKKRYTFRIRENIL\*SGRHNRRYKKSTLQR\*YRTMGKNFKTGSCKIKRTI\*\*NNTL\*SLLRRGSRNCNAQF\*L\*RRILLL\*YNKTV\*WDCRTDRK\*H\*S\*KYHNNHTPMQNKTNCKQVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWWEQY\*\*QRDLQTCRRRYEEQLEK\*II\*I\*SSEN\*AIRSSTHQGKKKSGAERKKSSGSTRSYVPWVSGNSRKHYGRSGSDADGTGQAIIVWYSATAEQPAESY\*GATTPVATHSLGH\*TAPGKSPGCGKIPSGSTAPRDLGLLWKAHLLH\*CALEY\*LE\*\*IYG\*NLAEHDLDGVGKRN\*QLHRPNIQLA\*NIAKPTGKE\*TRIVGIG\*VGKFVELV\*HIKLAVVYKDIHNDSRRLSRFKISFYCTFYSE\*G\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2012.MG196938.-

MEPVDPRLEPWKHPGSQPTTPCTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQNHQVPPPKQ\*VVHVMQPLVILSVIALVIVGIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRDRAEDSGNESEGDQEELSALVLEMGHDAPWDVNDL\*CYRVIVGHSILWGXCVERSNHHSILCIRC\*SI\*TRGT\*CLGHTCLCTHRP\*STRSIIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*CECYE\*\*RFEGE\*GRTKKLLFQCHHKHRK\*DAKRICNFL\*T\*CRANR\*\*\*HNL\*VDKL\*HLSPYTGLSKDKL\*TNSHTLLYPCWFCVYKV\*\*\*EVQWNRTM\*KCQHSTMHTWN\*ASSINSTAIKWQSSRRRDNN\*I\*KYHRQC\*NHNSTAKRICSN\*LYKTQQ\*YKKRYTFRIRENIL\*SGRHNRRYKKSTLQR\*YRTMGKNFKTGSCKIKRTI\*\*NNTL\*SLLRRGSRNCNAQF\*L\*RRILLL\*YNKTV\*WDCRTDRK\*H\*S\*KYHNNHTPMQNKTNCKQVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWWEQY\*\*QRDLQTCRRRYEEQLEK\*II\*I\*SSKN\*AIRSSTHQGKKKSGAERKKSSGSTRSYVPWVSGNSRKHYGRSGSDADGTGQAIIVWYSATAEQPAESY\*GATTPVATHSLGH\*TAPGKSPGCGKIPSGSTAPRDLGLLWKAHLLH\*CALEY\*LE\*\*IYG\*NLAEHDLDGVGKRN\*QLHRPNIQLA\*NIAKPTGKE\*TRIVGIG\*VGKFVELV\*HIKLAVVYKDIHNDSRRLSRFKISFYCTFYSE\*G\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2012.MG196939.-

MEPVDPRLEPWKHPGSQPTTPCTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQNHQVPPPKQ\*VVHVMQPLVILSVIALVIVGIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRDRAEDSGNESEGDQEELSALVLEMGHDAPWDVNDL\*CYRVIVGHSILWGTCVERSNHHSILCIRC\*SI\*TRGT\*CLGHTCLCTHRP\*STRSIIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*CECYE\*\*RFEGE\*GRTKKLLFQCHHKHRK\*DAKRICNFL\*T\*CRANR\*\*\*HNL\*VDKL\*HLSPYTGLSKDKL\*TNSHTLLYPCWFCVYKV\*\*\*EVQWNRTM\*KCQHSTMHTWN\*ASSINSTAIKWQSSRRRDNN\*I\*KYHRQC\*NHNSTAKRICSN\*LYKTQQ\*YKKRYTFRIRENIL\*SGRHNRRYKKSTLQR\*YRTMGKNFKTGSCKIKRTI\*\*NNTL\*SLLRRGSRNCNAQF\*L\*RRILLL\*YNKTV\*WDCRTDRK\*H\*S\*KYHNNHTPMQNKTNCKQVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWWEQY\*\*QRDLQTCRRRYEEQLEK\*II\*I\*SSEN\*AIRSSTHQGKKKSGAERKKSSGSTRSYVPWVSGNSRKHYGRSGSDADGTGQAIIVWYSATAEQPAESY\*GATTPVATHSLGH\*TAPGKSPGCGKIPSGSTAPRDLGLLWKAHLLH\*CALEY\*LE\*\*IYG\*NLAEHDLDGVGKRN\*QLHRPNIQLA\*NIAKPTGKE\*TRIVGIG\*VGKFVELV\*HIKLAVVYKDIHNDSRRLSRFKISFYCTFYSE\*G\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2012.MG196940.-

MEPVDPRLEPWKHPGSQPTTPCTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQNHQVPPPKQ\*VVHVMQPLVILSVIALVIVGIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRDRAEDSGNESEGDQEELSALVLEMGHDAPWDVNDL\*CYRVIVGHSILWGTCVERSNHHSILCIRC\*SI\*TRGT\*CLGHTCLCTHRP\*STRSIIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*CECYE\*\*RFEGE\*GRTKKLLFQCHHKHRK\*DAKRICNFL\*T\*CRANR\*\*\*HNL\*VDKL\*HLSPYTGLSKDKL\*TNSHTLLYPCWFCVYKV\*\*\*EVQWNRTM\*KCQHSTMHTWN\*ASSINSTAIKWQSSRRRDSN\*I\*KYHRQC\*NHNSTAKRICSN\*LYKTQQ\*YKKRYTFRIRENIL\*SGRHNRRYKKSTLQR\*YRTMGKNFKTGSCKIKRTI\*\*NNTL\*SLLRRGSRNCNAQF\*L\*RRILLL\*YNKTV\*WDCRTDRK\*H\*S\*KYHNNHTPMQNKTNCKQVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWWEQY\*\*QRDLQTCRRRYEGQLEK\*II\*I\*SSEN\*AIRSSTHQGKKKSGAERKKSSGSTRSYVPWVSGNSRKHYGRSGSDADGTGQAIIVWYSATAEQPAESY\*GATTPVATHSLGH\*TAPGKSPGCGKIPSGSTAPRDLGLLWKAHLLH\*CALEY\*LE\*\*IYG\*NLAEHDLDGVGKRN\*QLHRPNIQLA\*NIAKPTGKE\*TRIVGIG\*VGKFVELV\*HIKLAVVYKDIHNNSRRLSRFKISFYCTFYSE\*G\*AGILTIVIPDPPPSSEGTRQARRNRRRRWRERQRQIRSI

>B.2012.MG196941.-

MEPVDPRLEPWKHPGSQPTTPCTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRTPQDSQNHQVPPPKQ\*VVHVMQPLVILSVIALVIVGIIAIVVWTIVLIEYRKILRQRKIDRIIDRIRDRAEDSGNESEGDQEELSALVLEMGHDAPWDVNDL\*CYRVIVGHSILWGTCVERSNHHSILCIRC\*SI\*TRGT\*CLGHTCLCTHRP\*STRSIIGKCDRKF\*HVEK\*HGRTDA\*GYNQLMGSKPKAMCKINPTLCYFKLH\*CECYE\*\*RFEGE\*GRTKKLLFQCHHKHRK\*DAKRICNFL\*T\*CRANR\*\*\*HNL\*VDKL\*HLSPYTGLSKDKL\*TNSHTLLYPCWFCVYKV\*\*\*EVQWNRTM\*KCQHSTMHTWN\*ASSINSTAIKWQSSRRRDSN\*I\*KYHRQC\*NHNSTAKRICSN\*LYKTQQ\*YKKRYTFRIRENIL\*SGRHNRRYKKSTLQR\*YRTMGKNFKTGSCKIKRTI\*\*NNTL\*SLLRRGSRNCNAQF\*L\*RRILLL\*YNKTV\*WDCRTDRK\*H\*S\*KYHNNHTPMQNKTNCKQVAGSRKSNVCPSHPRTN\*LFIKYYRAAINKRWWEQY\*\*QRDLQTCRGDMRDNWRSELYKYKVVRIEPLGVAPTKAKRRVVQREKRAVGALGAMFLGFLGTAGSTMGAAAVTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLADQQLLGIWGCSGKLICYTDVPWNTSWSNKSMDKIWQNMTWMEWEREIDNYTGLIYNLLETSQNQQEKNEQELLELDKWANLWNWFSISNWLWYIKIFIIIVGGLVGLRLVFIVLSIVNRVRQGYSPLSFQIRLPAPRGPDRPEGTEEEGGERDRDRSDRL

>B.2011.MG196942.-

MEPVDPNLEPWKHPGSQPRTACNSCYCKKCCFHCQKCFTTKGLGISYGRKKWRQRRRADQDSQTHQAPIPKQ\*VNKCNATFRNIINSSISSSRDNSNSCVVNSIHRI\*ENIKRKENRKVN\*\*NSRKSRRQWQ\*ERGGPGRIGSACGDGAPCSLGC\*\*SVALQTIYGSQSIMGYLCGKKQLPLYFVHQMLKHMIQRYIMFGPHMPVYPQTPTHKKYIWKM\*QKILTCGKIKW\*TRCMRT\*SVYGIKA\*SHV\*N\*PHSALL\*IA\*M\*MLPVVVTRQNWRKEK\*KTALSMSPQTYKIR\*RKSMHFFINLI\*YK\*MMIIIAVITITIG\*\*VVTPQSLHRPVQRYPLSQFPYIIVPRLVLRF\*NVMIRILMEQDNVKMSAQYNVHMELDQ\*YQLNSC\*MAV\*QKKR\*YLDLKILQTILKP\*\*YS\*MNL\*\*LIVQDPTIMHEKVYISDQGKHFLQQEK\*\*EI\*DKHIVTLVKNNGIKL\*NR\*LENY\*NNLTSKIKQ\*TLINPQEGT\*KL\*CTVLIVEGNFSTVTQQHCLIAVGMRIILGLIILKQERETSHSNVE\*NKL\*TCGSK\*EKQCMPLPSEGKLDVHQILQGYY\*QEMVVSLTIPKMRPLDLGEEI\*RTIGEVNYINIK\*\*GLNH\*E\*HPPRQKEEWCREKKEQWE\*ELCSLDSWEQQEALWAQRH\*R\*RYRPDNYCLV\*CNSRAIC\*ELLRRNSICCNSQSGASNSSRQESWL\*KDS\*RINSSWGFGVALENSSAPLLCLGMLVGVIDLIMTFGIT\*PGCSGTEKLTITQT\*YTP\*LKNRKTNKKRMNKTYWH\*INGQVCGIGLI\*QNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FFLCLL\*\*IELGRDTHHYRCRPTSQPRGDPTGPKEPKKKVERETETDPDH\*

>B.2011.MG196943.-

MEPVDPNLEPWKHPGSQPRTACNSCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRADQDSQTHQAPIPKQ\*VNKCNATFRNIINSSISSSRDNSNSCVVNSIHRI\*ENIKRKENRKVN\*\*NSRKSRRQWQ\*ERGGPGRIGSACGDGAPCSLGC\*\*SVALQTIYGSQSIMGYLCGKKQLPLYFVHQMLKHMIQRYIMFGPHMPVYPQTPTHKKYIWKM\*QKILTCGKIKW\*TRCMRT\*SVYGIKA\*SHV\*N\*PHSALL\*IA\*M\*MLPVVVTRQNWRKEK\*KTALSMSPQTYKIR\*RKSMHFFINLI\*YK\*MMIIIAVITITIG\*\*VVTPQSLHRPVQRYPLSQFPYIIVPRLVLRF\*NVMIRILMEQDNVKMSAQYNVHMELDQ\*YQLNSC\*MAV\*QKKR\*YLDLKILQTILKP\*\*YS\*MNL\*\*LIVQDPTIIHEKVYISDQGKHFLQQEK\*\*EI\*DKHIVTLVKNNGIKL\*NR\*LENY\*NNLTSKIKQ\*TLINPQEGT\*XL\*CTVLIVEGNFSTVTQQHCLIAVGMRIILGLIILKQERETSHSNVE\*NKL\*TCGSK\*EKQCMPLPSEGKLDVHQILQGYY\*QEMVVSLTIPKMRPLDLGEEI\*RTIGEVNYINIK\*\*GLNH\*E\*HPPRQKEEWCREKKEQWE\*ELCSLDSWEQQEALWAQRH\*R\*RYRPDNYCLV\*CNSRAIC\*ELLRRNSICCNSQSGASNSSRQESWL\*KDS\*RINSSWGFGVALENSSAPLLCLGMLVGVIDLIMTFGIT\*PGCSGTEKLTITQT\*YTP\*LKNRKTXKKRMNKTYWH\*INGQVCGIGLI\*QNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FFLCLL\*\*IELGRDTHHYRCRPTSQPRGDPTGPKEPKKKVERETETDPDH\*

>B.2011.MG196944.-

MEPVDPNLEPWKHPGSQPRTACNSCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRADQDSQTHQAPIPKQ\*VNKCNATFRNIINSSISSSRDNSNSCVVNSIHRI\*ENIKRKENRKVN\*\*NSRKSRRQWQ\*ERGGPGRIGSACGDGAPCSLGC\*\*SVALQTIYGSQSIMGYLCGKKQLPLYFVHQMLKHMIQRYIMFGPHMPVYPQTPTHKKYIWKM\*QKILTCGKIKW\*TRCMRT\*SVYGIKA\*SHV\*N\*PHSALL\*IA\*M\*MLPVVVTRQNWRKEK\*KTALSMSPQTYKIR\*RKSMHFFINLI\*YK\*MMIIIAVITITIG\*\*VVTPQSLHRPVQRYPLSQFPYIIVPRLVLRF\*NVMIKILMEQDNVKMSAQYNVHMELDQ\*YQLNSC\*MAV\*QKKR\*YLDLKILQTILKP\*\*YS\*MNL\*\*LIVQDPTIIHEKVYISDQGKHFLQQEK\*\*EI\*DKHIVTLVKNNGIKL\*NR\*LENY\*NNLTSKIKQ\*TLINPQEGT\*KL\*CTVLIVEGNFSTVTQQHCLIAVGMRIILGLIILKQERETSHSNVE\*NKL\*TCGSK\*EKQCMPLPSEGKLDVHQILQGYY\*QDGGEPNNTQNETFRPGGGNMKDNWRSELYKYKVVRIEPLGVAPTKAKRRVVQREKRAVGIGAVFLGFLGAAGSTMGAASLTLTVQARQLLSGIVQQQSNLLRAIEAQQHMLQLTVWGIKQLQARVLAIERFLKDQQLLGIWGCSGKLICTTAVPWNASWSNRSYNDIWDNLTWMQWDREINNYTDLIYSLIEESQNQQEKNEQDLLALDKWASLWNWFDITKWLWYIKIFIMIIGGLIGLRIVFSVLAIVNRVRKGYSPLSLQTHLPTPRGPDRPEGTEEEGGERDRDRSGPL

>B.2011.MG196945.-

MEPVDPNLEPWKHPGSQPRTACNSCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRADQDSQTHQAPIPKQ\*VNKCNATFRNIINSSISSSRDNSNSCVVNSIHRI\*ENIKRKENRKVN\*\*NSRKSRRQWQ\*ERGGPGRIGSACGDGAPCSLGC\*\*SVALQTIYGSQSIMGYLCGKKQLPLYFVHQMLKHMIQRYIMFGPHMPVYPQTPTHKKYIWKM\*QKILTCGKIKW\*TRCMRT\*SVYGIKA\*SHV\*N\*PHSALL\*IA\*M\*MLPVVVTRQNWRKEK\*KTALSMSPQTYKIR\*RKSMHFFINLI\*YK\*MMIIIAVITITIG\*\*VVTPQSLHRPVQRYPLSQFPYIIVPRLVLRF\*NVMIRILMEQDNVKLSAQYNVHMELDQ\*YQLNSC\*MAV\*QKKR\*YLDLKILQTILKP\*\*YS\*MNL\*\*LIVQDPTIIHEKVYISDQGKHFLQQEK\*\*EI\*DKHIVTLVKNNGIKL\*NR\*LENY\*NNLTSKIKQ\*TLINPQEGT\*KL\*CTVLIVEGNFSTVTQQHCLIAVGMRIILGLIILKQERETSHSNVE\*NKL\*TCGSK\*EKQCMPLPSEGKLDVHQILQGYY\*QEMVVSLTIPKMRPLDLGEEI\*RTIGEVNYINIK\*\*GLNH\*E\*HPPRQKEEWCREKKEQWE\*ELCSLDSWEQQEALWAQRH\*R\*RYRPDNYCLV\*CNSRAIC\*ELLRRNSICCNSQSGASNSSRQESWL\*KDS\*RINSSWGFGVALENSSAPLLCLGMLVGVIDLIMTFGIT\*PGCSGTEKLTITQT\*YTP\*LKNRKTNKKRMNKTYWH\*INGQVCGIGLI\*QNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FFLCLL\*\*IELGRDTHHYRCRPTSQPRGDPTGPKEPKKKVERETETDPDH\*

>B.2011.MG196946.-

MEPVDPNLEPWKHPGSQPRTACNSCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRADQDSQTHQAPIPKQ\*VNKCNATFRNIINSSISSSRDNSNSCVVNSIHRI\*ENIKRKENRKVN\*\*NSRKSRRQWQ\*ERGGPGRIGSACGDGAPCSLGC\*\*SVALQTIYGSQSIMGYLCGKKQLPLYFVHQMLKHMIQRYIMFGPHMPVYPQTPTHKKYIWKM\*QKILTCGKIKW\*TRCMRT\*SVYGIKA\*SHV\*N\*PHSALL\*IA\*M\*MLPVVVTRQNWRKEK\*KTALSMSPQTYKIR\*RKSMHFFINLI\*YK\*MMIIIAVITITIG\*\*VVTPQSLHRPVQRYPLSQFPYIIVPRLVLRF\*NVMIRILMEQDNVKMSAQYNVHMELDQ\*YQLNSC\*MAV\*QKKR\*YLDLKILQTILKP\*\*YS\*MNL\*\*LIVQDPTIIHEKVYISDQGKHFLQQEK\*\*EI\*DKHIVTLVKNNGIKL\*NG\*LENY\*NNLTSKIKQ\*TLINPQEGT\*KL\*CTVLIVEGNFSTVTQQHCLIAVGMRIILGLIILKQERETSHSNVE\*NKL\*TCGSK\*EKQCMPLPSEGKLDVHQILQGYY\*QEMVVSLTIPKMRPLDLGEEI\*RTIGEVNYINIK\*\*GLNH\*E\*HPPRQKEEWCREKKEQWE\*ELCSLDSWEQQEALWAQRH\*R\*RYRPDNYCLV\*CNSRAIC\*ELLRRNSICCNSQSGASNSSRQESWL\*KDS\*RINSSWGFGVALENSSAPLLCLGMLVGVIDLIMTFGIT\*PGCSGTEKLTITQT\*YTP\*LKNRKTNKKRMNKTYWH\*INGQVCGIGLI\*QNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FFLCLL\*\*IELGRDTHHYRCRPTSQPRGDPTGPKEPKKKVERETETDPDH\*

>B.2011.MG196947.-

MEPVDPNLEPWKHPGSQPRTACNSCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRADQDSQTHQAPIPKQ\*VNKCNATFRNIINSSISSSRDNSNSCVVNSIHRI\*ENIKRKENRKVN\*\*NSRKSRRQWQ\*ERGGPGRIGSACGDGAPCSLGC\*\*SVALQTIYGSQSIMGYLCGKKQLPLYFVHQMLKHMIQRYIMFGPHMPVYPQTPTHKKYIWKM\*QKILTCGKIKW\*TRCMRT\*SVYGIKA\*SXV\*N\*PHSALL\*IA\*M\*MLPVVVTGQNWRKEK\*KTALSMSPQTYKIR\*RKSMHFFINLI\*YK\*MMIIIAVITITIG\*\*VVTPQSLHRPVQRYPLSQFPYIIVPRLVLRF\*NVMIRILMEQDNVKMSAQYNVHMELDQ\*YQLNSC\*MAV\*QKKR\*YLDLKILQTILKP\*\*YS\*MNL\*\*LIVQDPTIIHEKVYISDQGKHFLQQEK\*\*EI\*DKHIVTLVKNNGIKL\*NR\*LENY\*NNLTSKIKQ\*TLINPQEGT\*KL\*CTVLIVEGNFSTVTQQHCLIAVGMRIILGLIILKQERETSHSNVE\*NKL\*TCGSK\*EKQCMPLPSEGKLDVHQILQGYY\*QEMVVSLTIPKMRPLDLGEEI\*RTIGEVNYINIK\*\*GLNH\*E\*HPPRQKEEWCREKKEQWE\*ELCSLDSWEQQEALWAQRH\*R\*RYRPDNYCLV\*CNSRAIC\*ELLRHNSICCNSQSGASNSSRQESWL\*KDS\*RINSSWGFGVALENSSAPLLCLGMLVGVIDLIMTFGIT\*PGCSGTEKLTITQT\*YTP\*LKNRKTNKKRMNKTYWH\*INGQVCGIGLI\*QNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FFLCLL\*\*IELGRDTHHYRCRPTSQPRGDPTGPKEPKKKVERETETDPDH\*

>B.2011.MG196948.-

MEPVDPNLEPWKHPGSQPRTACNSCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRADQDSQTHQAPIPKQ\*VNKCNATFRNIINSSISSSRDNSNSCVVNSIHRI\*ENIKRKENRKVN\*\*NSRKSRRQWQ\*ERGGPGRIGSACGDGAPCSLGC\*\*SVALQTIYGSQSIMGYLCGKKQLPLYFVHQMLKHMIQRYIMFGPHMPVYPQTPTHKKYIWKM\*QKILTCGKIKW\*TRCMRT\*SVYGIKA\*SHV\*N\*PHSALL\*IA\*M\*MLPVVVTRQNWRKEK\*KTALSMSPQTYKIR\*RKSMHFFINLI\*YK\*MMIIIAVITITIG\*\*VVTPQSLHRPVQRYPLSQFPYIIVPRLVLRF\*NVMIRILMEQDNVKMSAQYNVHMELDQ\*YQLNSC\*MAV\*QKKR\*YLDLKILQTILKP\*\*YS\*MNL\*\*LIVQDPTIIHEKVYISDQGKHFLQQEK\*\*EI\*DKHIVTLVKNNGIKL\*NR\*LENY\*NNLTSKIKQ\*TLINPQEGT\*KL\*CTVLIVEGNFSTVTQQHCLIAVGMRIILGLIILKQERETSHSNVE\*NKL\*TCGSK\*EKQCMPLPSEGKLDVHQILQGYY\*QEMVVSLTIPKMRPLDLGEEI\*RTIGEVNYINIK\*\*GLNH\*E\*HPPRQKEEWCREKKEQWE\*ELCSLDSWEQQEALWAQRH\*R\*RYRPDNYCLV\*CNSRAIC\*ELLRRNSICCNSQSGASNSSRQESWL\*KDS\*RINSSWGFGVALENSSAPLLCLGMLVGVIDLIMTFGIT\*PGCSGTEKLTITQT\*YTP\*LKNRKTNKKRMNKTYWH\*INGQVCGIGLI\*QNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FFLCLL\*\*IELGRDTHHYRCRPTSQPRGDPTGPKEPKKKVERETETDPDH\*

>B.2011.MG196949.-

MEPVDPNLEPWKHPGSQPRTACNSCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRADQDSQTHQAPIPKQ\*VNKCNATFRNIINSSISSSRDNSNSCVVNSIHRI\*ENIKRKENRKVN\*\*NSRKSRRQWQ\*ERGGPGRIGSACGDGAPCSLGC\*\*SVALQTIYGSQSIMGYLCGKKQLPLYFVHQMLKHMIQRYIMFGPHMPVYPQTPTHKKYIWKM\*QKILTCGKIKW\*TRCMRT\*SVYGIKA\*SHV\*N\*PHSALL\*IA\*M\*MLPVVVTRQNWRKEK\*KTALSMSPQTYKIR\*RKSMHFFINLI\*YK\*MMIIIAVITITIG\*\*VVTPQSLHRPVQRYPLSQFPYIIVPRLVLRF\*NVMIRILMEQDNVKMSAQYNVHMELDQ\*YQLNSC\*MAV\*QKKR\*YLDLKILQTILKP\*\*YS\*MNL\*\*LIVQDPTIIHEKVYISDQGKHFLQQEK\*\*EI\*DKHIVTLVKNNGIKL\*NR\*LENY\*NNLTSKIKQ\*TLINPQEGT\*KL\*CTVLIVEGNFSTVTQQHCLIAVGMRIILGLIILKQERETSHSNVE\*NKL\*TCGSK\*EKQCMPLPSEGKLDVHQILQGYY\*QEMVVSLTIPKMRPLDLGEEI\*RTIGEVNYINIK\*\*GLNH\*E\*HPPRQKEEWCREKKEQWE\*ELCSLDSWEQQEALWAQRH\*R\*RYRPDNYCLV\*CNSRAIC\*ELLRRNSICCNSQSGASNSSRQESWL\*KDS\*RINSSWGFGVALENSSAPLLCLGMLVGVIDLIMTFGIT\*PGCSGTEKLTITQT\*YTP\*LKNRKTNKKRMNKTYWH\*INGQVCGIGLI\*QNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FFLCLL\*\*IELGRDTHHYRCRPTSQPRGDPTGPKEPKKKVERETETDPDH\*

>B.2011.MG196950.-

MEPVDPNLEPWKHPGSQPRTACNSCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRADQDSQTHQAPIPKQ\*VNKCNATFRNIINSSISSSRDNSNSCVVNSIHRI\*ENIKRKENRKVN\*\*NSRKSRRQWQ\*ERGGPGRIGSACGDGAPCSLGC\*\*SVALQTIYGSQSIMGYLCGKKQLPLYFVHQMLKHMIQRYIMFGPHMPVYPQTPTHKKYIWKM\*QKILTCGKIKW\*TRCMRT\*SVYGIKA\*SHV\*N\*PHSALL\*IA\*M\*MLPVVVTRQNWRKEK\*KTALSMSPQTYKIR\*RKSMHFFINLI\*YK\*MMIIIAVITITIG\*\*VVTPQSLHRPVQRYPLSQFPYIIVPRLVLRF\*NVMIRILMEQDNVKMSAQYNVHMELDQ\*YQLNSC\*MAV\*QKKR\*YLDLKILQTILKP\*\*YS\*MNL\*\*LIVQDPTIIHEKVYISDQGKHFLQQEK\*\*EI\*DKHIVTLVKNNGIKL\*NR\*LENY\*NNLTSKIIQ\*TLINPQEGT\*KL\*CTVLIVEGNFSTVTQQHCLIAVGMRIILGLIILKQERETSHSNVE\*NKL\*TCGSK\*EKQCMPLPSEGKLDVHQILQGYY\*QEMVVSLTIPKMRPLDLGEEI\*RTIGEVNYINIK\*\*GLNH\*E\*HPPRQKEEWCREKKEQWE\*ELCSLDSWEQQEALWAQRH\*R\*RYRPDNYCLV\*CNSRAIC\*ELLRRNSICCNSQSGASNSSRQESWL\*KDS\*RINSSWGFGVALENSSAPLLCLGMLVGVIDLIMTFGIT\*PGCSGTEKLTITQT\*YTP\*LKNRKTNKKRMNKTYWH\*INGQVCGIGLI\*QNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FFLCLL\*\*IELGRDTHHYRCRPTSQPRGDPTGPKEPKKKVERETETDPDH\*

>B.2011.MG196951.-

MEPVDPNLEPWKHPGSQPRTACNSCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRADQDSQTHQAPIPKQ\*VNKCNATFRNIINSSISSSRDNSNSCVVNSIHRI\*ENIKRKENRKVN\*\*NSRKSRRQWQ\*ERGGPGRIGSACGDGAPCSLGC\*\*SVALQTIYGSQSIMGYLCGKKQLPLYFVHQMLKHMIQRYIMFGPHMPVYPQTPTHKKYIWKM\*QKILTCGKIKW\*TRCMRT\*SVYGIKA\*SHV\*N\*PHSALL\*IA\*M\*MLPVVVTRQNWRKEK\*KTALSMSPQTYKIR\*RKSMHFFINLI\*YK\*MMIIIAVITITIG\*\*VVTPQSLHRPVQRYPLSQFPYIIVPRLVLRF\*NVMIRILMEQDNVKMSAQYNVHMELDQ\*YQLNSC\*MAV\*QKKR\*YLDLKILQTILKP\*\*YS\*MNL\*\*LIVQDPTIIHEKVYISDQGKHFLQQEK\*\*EI\*DKHIVTLVKNNGIKL\*NR\*LENY\*NNLTSKIKQ\*TLINPQEGT\*KL\*CTVLIVEGNFSTVTQQHCLIAVGMRIILGLIILKQERETSHSNVE\*NKL\*TCGSK\*EKQCMPLPSEGKLDVHQILQGYY\*QEMVVSLTIPKMRPLDLGEEI\*RTIGEVNYINIK\*\*GLNH\*E\*HPPRQKEEWCREKKEQWE\*ELCSLDSWEQQEALWAQRH\*R\*RYRPDNYCLV\*CNSRAIC\*ELLRRNSICCNSQSGASNSSRQESWL\*KDS\*RINSSWGFGVALENSSAPLLCLGMLVGVIDLIMTFGIT\*PGCSGTEKLTITQT\*YTP\*LKNRKTNKKRMNKTYWH\*INGQVCGIGLI\*QNGCGI\*KYS\*\*\*\*EA\*\*V\*E\*FFLCLL\*\*IELGRDTHHYRCRPTSQPRGDPTGPKEPKKKVERETETDPDH\*

>B.2012.MG196952.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFTTKGLGIYYGRKKRRQRRRTPHSSQNNQDSLSKQ\*VVHVMQSLIILSIVALVVVTIIAIVVWTIVFIEYRKILKQRKIDKIIDRIRERAEDSGNESEGDQEELAGLVEMGHDAPWNVDDL\*YCRQPVGHSILWGTCVERRKHHSILCIRC\*SI\*YRGT\*CLGHPRLCTHRPQTTRNKIGKCDRKF\*HVEK\*HGRTDA\*GYN\*LMGSKSKAMCKINPTLCDFKL\*\*YWY\*\*N\*Y\*VYEEGRNKKLHFQYHHKLKR\*DAESTCSFLYT\*YNANR\*\*Q\*KLYVDKL\*YLSPYTGLSKGNL\*TNSHTLLCPSWFCDSKM\*\*\*EVQWNRTMQKC\*LSTMYTWN\*TCSVNSTTAKWQSSRRRNSN\*I\*KLLRQY\*NHNSAAE\*NCNN\*LYKAQQQYKKKYTYRTRGIILYRRDNRRYKKSILYR\*SNRLE\*HFIPGRKKIK\*AI\*\*DNSL\*\*TLRRGPRNYNAQF\*LWRGIFLLQYNTTV\*YITVQ\*NKW\*\*\*DYYTPMQNKTNYKHVAASRQSNVCPSHQGTN\*LFINYHRAAINKRWW\*PKRQQQQRDLQTCRRKYEGQLEK\*TI\*I\*SSKN\*TIRDSTHQGKEKSGAKRKKSSGSNRSYVPWVLGNSRKHYGRSVNSADGTDQTIIVWYSATAEQFAESY\*GATTSVATHGLGHQTAPGQNAGCGKIPK\*STAPRDVGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLG\*HDLEGMG\*RN\*QLHRLNMELT\*RIATPARKE\*TGIISIG\*VGKFVELV\*HNKVAVVYKNIHNDSRRLNRFKNNFCCNICNK\*G\*AGILTIVVSDPLPSPRGTRQARRNRRRRWRERQQYISEI

>B.2012.MG196953.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFTTKGLGIYYGRKKRRQRRRTPHSSQNNQDSLSKQ\*VVHVMQSLIILSIVALVVVTIIAIVVWTIVFIEYRKILKQRKIDKIIDRIRERAEDSGNESEGDQEELAGLVEMGHDAPWNVDDL\*YCRQPVGHSILWGTCVERRKHHSILCIRC\*SI\*YRGT\*CLGHPRLCTHRPQTTRNKIGKCDRKF\*HVEK\*HGRTDA\*GYN\*LMGSKSKAMCKINPTLCDFKL\*\*YWY\*\*N\*Y\*VYEEGRNKKLHFQYHHKLKR\*DAESTCSFLYT\*YNANR\*\*Q\*KLYVDKL\*YLSPYTGLSKGNL\*TNSHTLLCPSWFCDSKM\*\*\*EVQWNRTMQKC\*LSTMYTWN\*TCSVNSTTAKWQSSRRRNSN\*I\*KLLRQY\*NHNSAAE\*NCNN\*LYKAQQQYKKKYTYRTRGIILYRRDNRRYKKSILYR\*SNRLE\*HFIPGRKKIK\*AI\*\*DNSL\*\*TLRRGPRNYNAQF\*LWRGIFLLQYNTTV\*YITVQ\*NKW\*\*\*DYYTPMQNKTNYKHVAASRQSNVCPSHQGTN\*LFINYHRAAINKRWW\*PKRQQQQRDLQTCRRKYEGQLEK\*TI\*I\*SSKN\*TIRDSTHQGKEKSGAKRKKSSGSNRSYVPWVLGNSRKHYGRSVNSADGTDQTIIVWYSATAEQFAESY\*GATTSVATHGLGHQTAPGQNAGCGKIPK\*STAPRDVGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLG\*HDLEGMG\*RN\*QLHRLNMELT\*RIATPARKE\*TGIISIG\*VGKFVELV\*HNKVAVVYKNIHNDSRRLNRFKNNFCCNICNK\*G\*AGILTIVVSDPLPSPRGTRQARRNRRRRWRERQQYISEI

>B.2012.MG196954.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFTTKGLGIYYGRKKRRQRRRTPHSSQNNQDSLSKQ\*VVHVMQSLIILSIVALVVVTIIAIVVWTIVFIEYRKILKQRKIDKIIDRIRERAEDSGNESEGDQEELAGLVEMGHDAPWNVDDL\*YCRQPVGHSILWGTCVERRKHHSILCIRC\*SI\*YRGT\*CLGHPRLCTHRPQTTRNKIGKCDRKF\*HVEK\*HGRTDA\*GYN\*LMGSKSKAMCKINPTLCDFKL\*\*YWY\*\*N\*Y\*VYEEGRNKKLHFQYHHKLKR\*DAESTCSFLYT\*YNANR\*\*Q\*KLYVDKL\*YLSPYTGLSKGNL\*TNSHTLLCPSWFCDSKM\*\*\*EVQWNRTMQKC\*LSTMYTWN\*TCSVNSTTAKWQSSRRRNSN\*I\*KLLRQY\*NHNRAAE\*NCNN\*LYKAQQQYKKKYTYRTRGIILYRRDNRRYKKSILYR\*SNRLE\*HFIPGRKKIK\*AI\*\*DNSL\*\*TLRRGPRNYNAQF\*LWRGIFLLQYNTTV\*YITVQ\*NKW\*\*\*DYYTPMQNKTNYKHVAASRQSNVCPSHQGTN\*LFINYHRAAINKRWW\*PKRQQQQRDLQTCRRKYEGQLEK\*TI\*I\*SSKN\*TIRDSTHQGKEKSGAKRKKSSGSNRSYVPWVLGNSRKHYGRSVNSADGTDQTIIVWYSATAEQFAESY\*GATTSVATHGLGHQTAPGQNAGCGKIPK\*STAPRDVGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLG\*HDLEGMG\*RN\*QLHRLNMELT\*RIATPARKE\*TGIISIG\*VGKFVELV\*HNKVAVVYKNIHNDSRRLNRFKNNFCCNICNK\*G\*AGILTIVVSDPLPSPRGTRQARRNRRRRWRERQQYISEI

>B.2012.MG196955.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFTTKGLGIYYGRKKRRQRRRTPHSSQNNQDSLSXQ\*VVHVMQSLIILSIVALVVVTIIAIVVWTIVFIEYRKILKQRKIDKIIDRIRERAEDSGNESEGDQEELAGLVEMGHDAPWNVDDL\*YCRQPVGHSILWGTCVERRKHHSILCIRC\*SI\*YRGT\*CLGHPRLCTHRPQTTRNKIGKCDRKF\*HVEK\*HGRTDA\*GYN\*LMGSKSKAMCKINPTLCDFKL\*\*YWY\*\*N\*Y\*VYEEGRNKKLHFQYHHKLKR\*DAESTCSFLYT\*YNANR\*\*Q\*KLYVDKL\*YLSPYTGLSKGNL\*TNSHTLLCPSWFCDSKM\*\*\*EVQWNRTMQKC\*LSTMYTWN\*TCSVNSTTAKWQSSRRRNSN\*I\*KLLRQY\*NHNSAAE\*NCNN\*LYKAQQQYKKKYTYRTRGIILYRRDNRRYKKSILYR\*SNRLE\*HFIPGRKKIK\*AI\*\*DNSL\*\*TLRRGPRNYNAQF\*LWRGIFLLQYNTTV\*YITVQ\*NKW\*\*\*DYYTPMQNKTNYKHVAASRQSNVCPSHQGTN\*LFINYHRAAINKRWW\*PKRQQQQRDLQTCRRKYEGQLEK\*TI\*I\*SSKN\*TIRDSTHQGKEKSGAKRKKSSGSNRSYVPWVLGNSRKHYGRSVNSADGTDQTIIVWYSATAEQFAESY\*GATTSVATHGLGHQTAPGQNAGCGKIPK\*STAPRDVGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLG\*HDLEGMG\*RN\*QLHRLNMELT\*RIATPARKE\*TGIISIG\*VGKFVELV\*HNKVAVVYKNIHNDSRRLNRFKNNFCCNICNK\*G\*AGILTIVVSDPLPSPRGTRQARRNRRRRWRERQQYISEI

>B.2012.MG196956.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFTTKGLGIYYGRKKRRQRRRTPHSSQNNQDSLSKQ\*VVHVMQSLIILSIVALVVVTIIAIVVWTIVFIEYRKILKQRKIDKIIDRIRERAEDSGNESEGDQEELAGLVEMGHDAPWNVDDL\*YCRQPVGHSILWGTCVERRKHHSILCIRC\*SI\*YRGT\*CLGHPRLCTHRPQTTRNKIGKCDRKF\*HVEK\*HGRTDA\*GYN\*LMGSKSKAMCKINPTLCDFKL\*\*YWY\*\*N\*Y\*VYEEGRNKKLHFQYHHKLKR\*DAESTCSFLYT\*YNANR\*\*Q\*KLYVDKL\*YLSPYTGLSKGNL\*TNSHTLLCPSWFCDSKM\*\*\*EVQWNRTMQKC\*LSTMYTWN\*TCSVNSTTAKWQSSRRRNSN\*I\*KLLRQY\*NHNSAAE\*NCNN\*LYKAQQQYKKKYTYRTRGIILYRRDNRRYKKSILYR\*SNRLE\*HFIPGRKKIK\*AI\*\*DNSL\*\*TLRRGPRNYNAQF\*LWRGIFLLQYNTTV\*YITVQ\*NKW\*\*\*DYYTPMQNKTNYKHVAASRQSNVCPSHQGTN\*LFINYHRAAINKRWW\*PKRQQQQRDLQTCRRKYEGQLEK\*TI\*I\*SSKN\*TIRDSTHQGKEKSGAKRKKSSGSNRSYVPWVLGNSRKHYGRSVNSADGTDQTIIVWYSATAEQFAESY\*GATTSVATHGLGHQTAPGQNAGCGKIPK\*STAPRDVGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLG\*HDLEGMG\*RN\*QLHRLNMELT\*RIATPARKE\*TGIISIG\*VGKFVELV\*HNKVAVVYKNIHNDSRRLNRFKNNFCCNICNK\*G\*AGILTIVVSDPLPSPRGTRQARRNRRRRWRERQQYISEI

>B.2012.MG196957.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFTTKGLGIYYGRKKRRQRRRTPHSSQNNQDSLSKQ\*VVHVMQSLIILSIVALVVVTIIAIVVWTIVFIEYRKILKQRKIDKIIDRIRERAEDSGNESEGDQEELAGLVEMGHDAPWNVDDL\*YCRQPVGHSILWGTCVERRKHHSILCIRC\*SI\*YRGT\*CLGHPRLCTHRPQTTRNKIGKCDRKF\*HVEK\*HGRTDA\*GYN\*LMGSKSKAMCKINPTLCDFKL\*\*YWY\*\*N\*Y\*VYEEGRNKKLHFQYHHKLKR\*DAESTCSFLYT\*YNANR\*\*Q\*KLYVDKL\*YLSPYTGLSKGNL\*TNSHTLLCPSWFCDSKM\*\*\*EVQWNRTMQKC\*LSTMYTWN\*TCSVNSTTAKWQSSRRRNSN\*I\*KLLRQY\*NHNSAAE\*NCNN\*LYKAQQQYKKKYTYRTRGIILYRRDNRRYKKSILYR\*SNRLE\*HFIPGRKKIK\*AI\*\*DNSL\*\*TLRRGPRNYNAQF\*LWRGIFLLQYNTTV\*YITVQ\*NKW\*\*\*DYYTPMQNKTNYKHVAASRQSNVCPSHQGTN\*LFINYHRAAINKRWW\*PKRQQQQRDLQTCRRKYEGQLEK\*TI\*I\*SSKN\*TIRDSTHQGKEKSGAKRKKSSGSNRSYVPWVLGNSRKHYGRSVNSADGTDQTIIVWYSATAEQFAESY\*GATTSVATHGLGHQTAPGQNAGCGKIPK\*STAPRDVGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLG\*HDLEGMG\*RN\*QLHRLNMELT\*RIATPARKE\*TGIISIG\*VGKFVELV\*HNKVAVVYKNIHNDSRRLNRFKNNFCCNICNK\*G\*AGILTIVVSDPLPSPRGTRQARRNRRRRWRERQQYISEI

>B.2012.MG196958.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFTTKGLGIYYGRKKRRQRRRTPHSSQNNQDSLSKQ\*VVHVMQS\*\*L\*\*\*\*Q\*\*Q\*LCGPLYS\*SIGKY\*NKEK\*TR\*LIE\*EKEQKTVAMRARETRKNWQGLWKWGMMLLGMLMICSTAGNLWVTVYYGVPVWKDANTTLFCASDAKAYDTEVHNVWATHACVPTDPKPQEIRLENVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCSDIGTNETSTEYMKKGEIKNCTFNITTNLRDKMQKVHAAFYTLDITPIDNSNRSYMLIXCNTSVLTQACPKVTFEPIPIHYCAPAGFVILKCNDKKFNGTGPCKNVSSVQCTHGIKPVVSTQLLLNGSLAEEEIVIRSENFSDNTKTIIVQLNKTVIINCTRPNNNTRKSIRIGPGASFYTEEIIGDIRKAYCIVNQTDWNNTLYQVERKLSEQFNKTIVFDKPSGGDPEITMHSFNCGGEFFYCNTTPLFNTLLFNETSGDNKTITLQCRIKQIINMWQQVGKAMYAPPIRGQINCSSTITGLLLTRDGGNPNASNSNETFRPAGGNMRDNWRSELYKYKVVKIEPLGIAPTKAKRRVVQREKRAVGVIGAMFLGFLGTAGSTMGAASIALTVQTRQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARMLAVERYLSDQQLLGMWGCSGKLICTTAVPWNASWSNKSLNEIWDNMTWKEWDREISNYTGLIWSLLEESQHQQEKNEQELLALDKWASLWNWFDITKWLWYIKIFIMIVGGLIGLRIIFAVISVINKVRQGYSPLSFQTRFPAPEGLDRPEGTGGEGGGRGSNTSVRL

>B.2012.MG196959.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKRXCFHCQVCFTTKGLGIYYGRKKRRQRRRTPHSSQNNQDSLSKQ\*VVHVMQSLIILSIVALVVVTIIAIVVWTIVFIEYRKILKQRKIDKIIDRIRERAEDSGNESEGDQEELAGLVEMGHDAPWNVDDL\*YCRQPVGHSILWGTCVERRKHHSILCIRC\*SI\*YRGT\*CLGHPRLCTHRPQTTRNKIGKCDRKF\*HVEK\*HGRTDA\*GYN\*LMGSKSKAMCKINPTLCDFKL\*\*YWY\*\*N\*Y\*VYEEGRNKKLHFQYHHKLKR\*DAESTCSFLYT\*YNANR\*\*Q\*KLYVDKL\*YLSPYTGLSKGNL\*TNSHTLLCPSWFCDSKM\*\*\*EVQWNRTMQKC\*LSTMYTWN\*TCSVNSTTAKWQSSRRRNSN\*I\*KLLRQY\*NHNSAAE\*NCNN\*LYKAQQQYKKKYTYRTRGIILYRRDNRRYKKSILYR\*SNRLE\*HFIPGRKKIK\*AI\*\*DNSL\*\*TLRRGPRNYNAQF\*LWRGIFLLQYNTTV\*YITVQ\*NKW\*\*\*DYYTPMQNKTNYKHVAASRQSNVCPSHQGTN\*LFINYHRAAINKRWW\*PKRQQQQRDLQTCRRKYEGQLEK\*TI\*I\*SSKN\*TIRDSTHQGKEKSGAKRKKSSGSNRSYVPWVLGNSRKHYGRSVNSADGTDQTIIVWYSATAEQFAESY\*GATTSVATHGLGHQTAPGQNAGCGKIPK\*STAPRDVGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLG\*HDLEGMG\*RN\*QLHRLNMELT\*RIATPARKE\*TGIISIG\*VGKFVELV\*HNKVAVVYKNIHNDSRRLNRFKNNFCCNICNK\*G\*AGILTIVVSDPLPSPRGTRQARRNRRRRWRERQQYISEI

>B.2012.MG196960.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFTTKGLGIYYGRKKRRQRRRTPHSSQNNQDSLSKQ\*VVHVMQSLIILSIVALVVVTIIAIVVWTIVFIEYRKILKQRKIDKIIDRIRERAEDSGNESEGDQEELAGLVEMGHDAPWNVDDL\*YCRQPVGHSILWGTCVERRKHHSILCIRC\*SI\*YRGT\*CLGHPRLCTHRPQTTRNKIGKCDRKF\*HVEK\*HGRTDA\*GYN\*LMGSKSKAMCKINPTLCDFKL\*\*YWY\*\*N\*Y\*VYEEGRNKKLHFQYHHKLKR\*DAESTCSFLYT\*YNANR\*\*Q\*KLYVDKL\*YLSPYTGLSKGNL\*TNSHTLLCPSWFCDSKM\*\*\*EVQWNRTMQKC\*LSTMYTWN\*TCSVNSTTAKWQSSRRRNSN\*I\*KLLRQY\*NHNSAAE\*NCNN\*LYKAQQQYKKKYTYRTRGIILYRRDNRRYKKSILYR\*SNRLE\*HFIPGRKKIK\*AI\*\*DNSL\*\*TLRRGPRNYNAQF\*LWRGIFLLQYNTTV\*YITVQ\*NKW\*\*\*DYYTPMQNKTNYKHVAASRQXNVCPSHQGTN\*LFINYHRAAINKRWW\*PKRQQQQRDLQTCRRKYEGQLEK\*TI\*I\*SSKN\*TIRDSTHQGKEKSGAKRKKSSGSNRSYVPWVLGNSRKHYGRSVNSADGTDQTIIVWYSATAEQFAESY\*GATTSVATHGLGHQTAPGQNAGCGKIPK\*STAPRDVGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLG\*HDLEGMG\*RN\*QLHRLNMELT\*RIATPARKE\*TGIISIG\*VGKFVELV\*HNKVAVVYKNIHNDSRRLNRFKNNFCCNICNK\*G\*AGILTIVVSDPLPSPRGTRQARRNRRRRWRERQQYISEI

>B.2012.MG196961.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFTTKGLGIYYGRKKRRQRRRTPHSSQNNQDSLSKQ\*VVHVMQSLIILSIVALVVVTIIAIVVWTIVFIEYRKILKQRKIDKIIDRIRERAEDSGNESEGDQEELAGLVEMGHDAPWNVDDL\*YCRQPVGHSILWGTCVERRKHHSILCIRC\*SI\*YRGT\*CLGHPRLCTHRPQTTRNKIGKCDRKF\*HVEK\*HGRTDA\*GYN\*LMGSKSKAMCKINPTLCDFKL\*\*YWY\*\*N\*Y\*VYEEGRNKKLHFQYHHKLKR\*DAESTCSLLYT\*YNANR\*\*Q\*KLYVDKL\*YLSPYTGLSKGNL\*TNSHTLLCPSWFCDSKM\*\*\*EVQWNRTMQKC\*LSTMYTWN\*TCSVNSTTAKWQSSRRRNSN\*I\*KLLRQY\*NHNSAAE\*NCNN\*LYKAQQQYKKKYTYRTRGIILYRRDNRRYKKSILYR\*SNRLE\*HFIPGRKKIK\*AI\*\*DNSL\*\*TLRRGPRNYNAQF\*LWRGIFLLQYNTTV\*YITVQ\*NKW\*\*\*DYYTPMQNKTNYKHVAASRQSNVCPSHQGTN\*LFINYHRAAINKRWW\*PKRQQQQRDLQTCRRKYEGQLEK\*TI\*I\*SSKN\*TIRDSTHQGKEKSGAKRKKSSGSNRSYVPWVLGNSRKHYGRSVNSADGTDQTIIVWYSATAEQFAESY\*GATTSVATHGLGHQTAPGQNAGCGKIPK\*STAPRDVGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLG\*HDLEGMG\*RN\*QLHRLNMELT\*RIATPARKE\*TGIISIG\*VGKFVELV\*HNKVAVVYKNIHNDSRRLNRFKNNFCCNICNK\*G\*AGILTIVVSDPLPSPRGTRQARRNRRRRWRERQQYISEI

>B.2012.MG196962.-

MEPVDPRLEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFTTKGLGIYYGRKKRRQRRRTPHSSQNNQDSLSKQ\*VVHVMQSLIILSIVALVVVTIIAIVVWTIVFIEYRKILKQRKIDKIIDRIRERAEDSGNESEGDQEELAGLVEMGHDAPWNVDDL\*YCRQPVGHSILWGTCVERRKHHSILCIRC\*SI\*YRGT\*CLGHPRLCTHRPQTTRNKIGKCDRKF\*HVEK\*HGRTDA\*GYN\*LMGSKSKAMCKINPTLCDFKL\*\*YWY\*\*N\*Y\*VYEEGRNKKLHFQYHHKLKR\*DAESTCSFLYT\*YNANR\*\*Q\*KLYVDKL\*YLSPYTGLSKGNL\*TNSHTLLCPSWFCDSKM\*\*\*EVQWNRTMQKC\*LSTMYTWN\*TCSVNSTTAKWQSSRRRNSN\*I\*KLLRQY\*NHNSAAE\*NCNN\*LYKAQQQYKKKYTYRTRGIILYRRDNRRYKKSILYR\*SNRLE\*HFIPGRKKIK\*AI\*\*DNSL\*\*TLRRGPRNYNAQF\*LWRGIFLLQYNTTV\*YITVQ\*NKW\*\*\*DYYTPMQNKTNYKHVAASRQSNVCPSHQGTN\*LFINYHRAAINKRWW\*PKRQQQQRDLQTCRRKYEGQLEK\*TI\*I\*SSKN\*TIRDSTHQGKEKSGAKRKKSSGSNRSYVPWVLGNSRKHYGRSVNSADGTDQTIIVWYSATAEQFAESY\*GATTSVATHGLGHQTAPGQNAGCGKIPK\*STAPRDVGLLWKTHLHHCCALEC\*LE\*\*ISK\*DLG\*HDLEGMG\*RN\*QLHRLNMELT\*RIATPARKE\*TGIISIG\*VGKFVELV\*HNKVAVVYKNIHNDSRRLNRFKNNFCCNICNK\*G\*AGILTIVVSDPLPSPRGTRQARRNRRRRWRERQQYISEI

>B.2013.MG196963.-

MEPVDPRLEPWKHPGSQPRTACTTCFCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPPDSQANQVPLPKQ\*VVHVMQPLNIVAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLINRIIERTEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*YCR\*VVGYSLLWGTCVEGGNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRDSVGKCDRKF\*HVEK\*HGGTDA\*RYNQFMGSKPKAMCTTHPNLCYLKLHGL\*WEYH\*SGQ\*Q\*\*EGGSARRNKKLHFQCHSSSTKKEEGICTFL\*T\*YSTR\*\*\*\*YQL\*VNKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWNRTM\*ECQHSTMYTWN\*TSSINSTAVKWQSSRRRGSD\*I\*KYHGQC\*NHNSTAKRTCMD\*LYKTQQQYKKRYTSRTRECIFCSRRNNRRYKASTL\*H\*\*SRMESHFKAGS\*\*IKRTI\*QQNNNL\*SILRRPRNYNAHF\*LWRGIFLL\*YNKIV\*\*YLD\*E\*Y\*RVKQH\*NNHTPMQDKTNYKHVAESRESNVCPSHQRTN\*MFIKYYRAAINKRWWS\*YD\*\*\*\*DLQTCGRRYEEQLEK\*II\*I\*SSKSRTIRSSTHQGKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQLAKSY\*SATASVAAHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHH\*CALEC\*LX\*\*IPARYLG\*HDLDGVGERN\*QLHKVNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKIIHNDSRRPDRAQNSFYCTFYSK\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRARQRQIQSL

>B.2013.MG196964.-

MEPVDPRLEPWKHPGSQPRTACTTCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQANQVPLPKQ\*VVHVMQPLNIVAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLINRIIERTEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*YCR\*VVGYSLLWGTCVEGGNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRDSVGKCDRKF\*HVEK\*HGGTDA\*RYNQFMGSKPKAMCTTHPNLCYLKLHGL\*WEYH\*SGQ\*Q\*\*EGGSARRNKKLHFQCHSSSTKKEEGICTFL\*T\*YSTR\*\*\*\*YQL\*VNKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWNRTM\*ECQHSTMYTWN\*TSSINSTAVKWQSSRRRGSD\*I\*KYHGQC\*NHNSTAKRTCMD\*LYKTQQQYKKRYTSRTRECIFCSRRNNRRYKASTL\*H\*\*SRMESHFKAGS\*\*IKRTI\*QQNNNL\*SILRRPRNYNAHF\*LWRGIFLL\*YNKIV\*\*YLD\*E\*Y\*RVKQH\*NNHTPMQDKTNYKHVAESRESNVCPSHQRTN\*MFIKYYRAAINKRWWS\*YD\*\*\*\*DLQTCGRRYEEQLEK\*II\*I\*SSKSRTIRSSTHQGKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQLAKSY\*SATASVAAHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHH\*CALEC\*LE\*\*IPARYLG\*HDLDGVGERN\*QLHKVNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKIIHNDSRRPDRAQNSFYCTFYSK\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRARQRQIQSL

>B.2013.MG196965.-

MEPVDPRLEPWKHPGSQPRTACTTCFCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPPDSQANQVPLPKQ\*VVHVMQPLNIVAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLINRIIERTEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*YCR\*VVRYSLLWGTCVEGGNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRDSVGKCDRKF\*HVEK\*HGGTDA\*RYNQFMGSKPKAMCTTHPNLCYLKLHGL\*WEYH\*SGQ\*Q\*\*EGGSARRNKKLHFQCHSSSTKKEEGICTFL\*T\*YSTR\*\*\*\*YQL\*VNKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWNRTM\*ECQHSTMYTWN\*TSSINSTAVKWQSSRRRGSD\*I\*KYHGQC\*NHNSTAKRTCMD\*LYKTQQQYKKRYTSRTRECIFCSRRNNRRYKASTL\*H\*\*SRMESHFKAGS\*\*IKRTI\*QQNNNL\*SILRRPRNYNAHF\*LWRGIFLL\*YNKIV\*\*YLD\*E\*Y\*RVKQH\*NNHTPMQDKTNYKHVAESRESNVCPSHQRTN\*MFIKYYRAAINKRWWS\*YD\*\*\*\*DLQTCGRRYEEQLEK\*II\*I\*SSKSRTIRSSTHQGKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQLXKSY\*SATASVAAHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHH\*CALEC\*LE\*\*IPARYLG\*HDLDGVGERN\*QLHKVNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKIIHNDSRRPDRAQNSFYCTFYSK\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRARQRQIQSL

>B.2013.MG196966.-

MEPVDPRLEPWKHPGSQPRTACTTCFCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPPDSQANQVPLPKQ\*VVHVMQPLNIVAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLINRIIERTEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*YCR\*VVGYSLLWGTCVEGGNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRDSVGKCDRKF\*HVEK\*HGGTDA\*RYNQFMGSKPKAMCTTHPNLCYLKLHGL\*WEYH\*SGQ\*Q\*\*EGGSARRNKKLHFQCHSSSTKKEEGICTFL\*T\*YSTR\*\*\*\*YQL\*VNKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWNRTM\*ECQHSTMYTWN\*TSSINSTAVKWQSSRRRGSD\*I\*KYHGQC\*NHNSTAKRTCMD\*LYKTQQQYKKRYTSRTRECNFCSRRNNRRYKASTL\*H\*\*SRMESHFKAGS\*\*IKRTI\*QQNNNL\*SILRRPRNYNAHF\*LWRGIFLL\*YNKIV\*\*YLD\*E\*Y\*RVKQH\*NNHTPMQDKTNYKHVAESRESNVCPSHQRTN\*MFIKYYRAAINKRWWS\*YD\*\*\*\*DLQTCGRRYEEQLEK\*II\*I\*SSKSRTIRSSTHQGKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQLAKSY\*SATASVAAHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHH\*CALEC\*LE\*\*IPARYLG\*HDLDGVGERN\*QLHKVNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKIIHNDSRRPDRAQNSFYCTFYSK\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRARQRQIQSL

>B.2013.MG196967.-

MEPVDPRLEPWKHPGSQPRTACTTCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQANQVPLPKQ\*VVHVMQPLNIVAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLINRIIERTEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*YCR\*VVGYSLLWGTCVEGGNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRDSVGKCDRKF\*HVEK\*HGGTDA\*RYNQFMGSKPKAMCTTHPNLCYLKLHGL\*WEYH\*SGQ\*Q\*\*EGGSARRNKKLHFQCHSSSTKKEEGICTFL\*T\*YSTR\*\*\*\*YQL\*VNKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWNRTM\*ECQHSTMYTWN\*TSSINSTAVKWQSSRRRGSD\*I\*KYHGQC\*NHNSTAKRTCMD\*LYKTQQQYKKRYTSRTRECIFCSRRNNRRYKASTL\*H\*\*SRMESHFKAGS\*\*IKRTI\*QQNNNL\*SILRRPRNYNAHF\*LWRGIFLL\*YNKIV\*\*YLD\*E\*Y\*RVKQH\*NNHTPMQDKTNYKHVAESRESNVCPSHQRTN\*MFIKYYRAAINKRWWS\*YD\*\*\*\*DLQTCGRRYEEQLEK\*II\*I\*SSKSRTIRSSTHQGKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQLAKSY\*SATASVAAHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHH\*CALEC\*LE\*\*IPARYLG\*HDLDGVGERN\*QLHKVNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKIIHNDSRRPDRAQNSFYCTFYSK\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRARQRQIQSL

>B.2013.MG196969.-

MEPVDPRLEPWKHPGSQPRTACTTCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQANQVPLPKQ\*VVHVMQPLNIVAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLINRIIERTEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*YCR\*VVGYSLLWGTCVEGGNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRDSVGKCDRKF\*HVEK\*HGGTDA\*RYNQFMGSKPKAMCTTHPNLCYLKLHGL\*WEYH\*SGQ\*Q\*\*EGGSARRNKKLHFQCHSSSTKKEEGICTFL\*T\*YSTR\*\*\*\*YQL\*VNKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWNRTM\*ECQHSTMYTWN\*TSSINSTAVKWQSSRRRGSD\*I\*KYHGQC\*NHNSTAKRTCMD\*LYKTQQQYKKRYTSRTRECIFCSRRNNRRYKASTL\*H\*\*SRMESHFKAGS\*\*IKRTI\*QQNNNL\*SILRRPRNYNAHF\*LWRGIFLL\*YNKIV\*\*YLD\*E\*Y\*RVKQH\*NNHTPMQDKTNYKHVAESRESNVCPSHQRTN\*MFIKYYRAAINKRWWS\*YD\*\*\*\*DRQTCGRRYEEQLEK\*II\*I\*SSKSRTIRSSTHQGKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQLAKSY\*SATASVAAHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHH\*CALEC\*LE\*\*IPARYLG\*HDLDGVGERN\*QLHKVNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKIIHNDSRRPDRAQNSFYCTFYSK\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRARQRQIQSL

>B.2013.MG196970.-

MEPVDPRLEPWKHPGSQPRTACTTCFCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPPPDSQANQVPLPKQ\*VVHVMQPLNIVAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLINRIIERTEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*YCR\*VVGYSLLWGTCVEGGNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRDSVGKCDRKF\*HVEK\*HGGTDA\*RYNQFMGSKPKAMCTTHPNLCYLKLHGL\*WEYH\*SGQ\*Q\*\*EGGSARRNKKLHFQCHSSSTKKEEGICTFL\*T\*YSTR\*\*\*\*YQL\*VNKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWNRTM\*ECQHSTMYTWN\*TSSINSTAVKWQSSRRRGSD\*I\*KYHGQC\*NHNSTAKRTCMD\*LYKTQQQYKKRYTSRTRECIFCSRRNNRRYKASTL\*H\*\*SRMESHFKAGS\*\*IKRTI\*QQNNNL\*SILRRPRNYNAHF\*LWRGIFLL\*YNKIV\*\*YLD\*E\*Y\*RVKQH\*NNHTPMQDKTNYKHVAESRESNVCPSHQRTN\*MFIKYYRAAINKRWWS\*YD\*\*\*\*DLQTCGRRYEEQLEK\*II\*I\*SSKSRTIRSSTHQGKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQLAKSY\*SATASVAAHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHH\*CALEC\*LE\*\*IPARYLG\*HDLDGVGERN\*QLHKVNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKIIHNDSRRPDRAQNSFYCTFYSK\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRARQRQIQSL

>B.2013.MG196972.-

MEPVDPRLEPWKHPGSQPRTACTTCFCKKCCFHCQVCFTTKGLGISYGRKKRRQRRRPPPDSQANQVPLPKQ\*VVHVMQPLNIVAIVALVVATIIAIVVWSIVLIEYRKILRQRKIDRLINRIIERTEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*YCR\*VVGYSLLWGTCVEGGNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRDSVGKCDRKF\*HVEK\*HGGTDA\*RYNQFMGSKPKAMCTTHPNLCYLKLHGL\*WEYH\*SGQ\*Q\*\*EGGSARRNKKLHFQCHSSSTKKEEGICTFL\*T\*YSTR\*\*\*\*YQL\*VNKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*R\*KVQWNRTM\*ECQHSTMYTWN\*TSSINSTAVKWQSSRRRGSD\*I\*KYHGQC\*NHNSTAKRTCMD\*LYKTQQQYKKRYTSRTRECIFCSRRNNRRYKASTL\*H\*\*SRMESHFKAGS\*\*IKRTI\*QQNNNL\*SILRRPRNYNAHF\*LWRGIFLL\*YNKIV\*\*YLD\*E\*Y\*RVKQH\*NNHTPMQDKTNYKHVAESRESNVCPSHQRTN\*MFIKYYRAAINKRWWS\*YD\*\*\*\*DLQTCGRRYEEQLEK\*II\*I\*SSKSRTIRSSTHQGKEKSGAEREKSSGNRSCVPWVLGSSRKHYGRSVNDADGTGQTTIVWYSATAEQLAKSY\*SATASVAAHSLGH\*AAPGKSPGCGKIPKGSTAPGNLGLLWKTHLHH\*CALEC\*LE\*\*IPARYLG\*HDLDGVGERN\*QLHKVNIHLN\*RIAEPAGKE\*TRIIGIG\*MGKFVELV\*HNKLAVVYKIIHNDSRRPDRAQNSFYCTFYSK\*S\*AGILTIIVSDPPPSSEGTRQARRNRRRRWRARQRQIQSL

>B.2012.MG196973.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRTPQDSQTHQASLPKQ\*VVYVMPDLQILAIVALVVAAILAIIVWTIVYIEYRKIVKQRRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CYRKYYRKIMGHSILWGTCVERSNHHSILCIRC\*SIQDRST\*CLGHPCLCTHRPQPTRNSIGECDRKL\*HVDK\*HGRTDATGYNQFMGSKLKAMCKINPTLCYFTLHKL\*GKCY\*YRE\*Y\*\*CHQEDC\*Y\*HRE\*Y\*\*CH\*YAKLLFQRHHRSKR\*DTERICTFL\*T\*CSTNR\*\*\*\*Y\*Y\*LYVDTL\*HFNPYTGLSKNIL\*ANSHTLLCPSWFCDSKV\*KYNIQWNRTM\*QCQHSTMYTWN\*ASSVNSTVAKWQSSRRRGSN\*ICQFLR\*C\*SHNSTAERPCTN\*LYKTQQQYKERYTYRTRESILCNRTNSRRYKESTL\*T\*WNKLE\*NFKPDS\*KIKKTIWG\*\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*YNTIV\*\*\*LDLE\*\*YRVK\*QWYYHTPM\*NKTNYKPVAGSRKSNVCPSYRRTN\*LFIKYYRANINKRWW\*Q\*PK\*Y\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTG\*TIIVWYSATAE\*SAKGYRGATTSVATHSLGHQAAPGKSPSCRKIPKGSTAPGALGLLWKTHLHHCCALEY\*LE\*\*NPR\*DLE\*HDLDAVGKRN\*QLHRLNIQLT\*RIAKPTRTE\*TRIIAIG\*MGKFMELV\*HIKLAVVYKNIHNDSSRFSRFKNSFYCTFYSE\*S\*AGILTTLVSDPPPSSAGTRQARRNRRRRWRARQRQIQSI

>B.2012.MG196974.-

MEPVDPRLXPWKHPGSQPRTACNNCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRTPQDSQTHQASLPKQ\*VVYVMPDLQILAIVALVVAAILAIIVWTIVYIEYRKIVKQRRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CYRKYYRKIMGHSILWGTCVERSNHHSILCIRC\*SIQDRST\*CLGHPCLCTHRPQPTRNSIGECDRKL\*HVDK\*HGRTDATGYNQFMGSKLKAMCKINPTLCYFTLHKL\*GKCY\*YRE\*Y\*\*CHQEDC\*Y\*HRE\*Y\*\*CH\*YAKLLLQRHHRSKR\*DTERICTFL\*T\*CSTNR\*\*\*\*Y\*Y\*LYVDTL\*HFNPYIGLSKNIL\*ANSHTLLCPSWFCDSKV\*KYNIQWNRTM\*QCQHSTMYTWN\*ASSVNSTVAKWQSSRRRGSN\*ICQFLR\*C\*SHNSTAERPCTN\*LYKTQQQYKERYTYRTRESILCNRTNSRRYKESTL\*T\*WNKLE\*NFKPDS\*KIKKTIWG\*\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*YNTIV\*\*\*LDLE\*\*YRVK\*QWYYHTPM\*NKTNYKPVAGSRKSNVCPSYRRTN\*LFIKYYRANINKRWW\*Q\*PK\*Y\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTG\*TIIVWYSATAE\*SAKGYRGATTSVATHSLGHQAAPGKNPSCRKIPKGSTAPGALGLLWKTHLHHCCALEY\*LE\*\*NPR\*DLE\*HDLDAVGKRN\*QLHRLNIQLT\*RIAKPTRTE\*TRIIAIG\*MGKFMELV\*HIKLAVVYKNIHNDSSRFSRFKNSFYCTFYSE\*S\*AGILTTLVSDPPPSSAGTRQARRNRRRRWRARQRQIQSI

>B.2012.MG196975.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRTPQDSQTHQASLPKQ\*VVYVMPDLQILAIVALVVAAILAIIVWTIVYIEYRKIVKQRRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CYRKYYRKIMGHSILWGTCVERSNHHSILCIRC\*SIQDRST\*CLGHPCLCTHRPQPTRNSIGECDRKL\*HVDK\*HGRTDATGYNQFMGSKLKAMCKINPTLCYFTLHKL\*GKCY\*YRE\*Y\*\*CHQEDC\*Y\*HRE\*Y\*\*CH\*YAKLLFQRHHRSKR\*DTERICTFL\*T\*CSTNR\*\*\*\*Y\*Y\*LYVDTL\*HFNPYTGLSKNIL\*ANSHTLLCPSWFCDSKV\*KYNIQWNRTM\*QCQHSTMYTWN\*ASSVNSTVAKWQSSRRRGSN\*ICQFLR\*C\*SHNSTAERPCTN\*LYKTQQQYKERYTYRTRESILCNRTNSRRYKESTL\*T\*WNKLE\*NFKPDS\*KIKKTIWG\*\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*YNTIV\*\*\*LDLE\*\*YRVK\*QWYYHTPM\*NKTNYKPVAGSRKSNVCPSYRRTN\*LFIKYYRANINKRWW\*Q\*PK\*Y\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTG\*TIIVWYSATAE\*SAKGYRGATTSVATHSLGHQAAPGKSPSCRKIPKGSTAPGALGLLWKTHLHHCCALEY\*LE\*\*NPR\*DLE\*HDXDAVGKRN\*QLHRLNIQLT\*RIAKPTRTE\*TRIIAIG\*MGKFMELV\*HIKLAVVYKNIHNDSSRFSRFKNSFYCTFYSE\*S\*AGILTTLVSDPPPSSAGTRQARRNRRRRWRARQRQIQSI

>B.2012.MG196976.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRTPQDSQTHQASLPKQ\*VVYVMPDLQILAIVALVVAAILAIIVWTIVYIEYRKIVKQRRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CYRKYYRKIMGHSILWGTCVERSNHHSILCIRC\*SIQDRST\*CLGHPCLCTHRPQPTRNSIGECDRKL\*HVDK\*HGRTDATGYNQFMGSKLKAMCKINPTLCYFTLHKL\*GKCY\*YRE\*Y\*\*CHQEDC\*Y\*HRE\*Y\*\*CH\*YAKLLFQRHHRSKR\*DTERICTFL\*T\*CSTNR\*\*\*\*Y\*Y\*LYVDTL\*HFNPYTGLSKNIL\*ANSHTLLCPSWFCDSKV\*KYNIQWNRTM\*QCQHSTMYTWN\*ASSVNSTVAKWQSSRRRGSN\*ICQFLR\*C\*SHNSTAERPCTN\*LYKTQQQYKERYTYRTRESILCNRTNSRRYKESTL\*T\*WNKLE\*NFKPDS\*KIKKTIWG\*\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*YNTIV\*\*\*LDLE\*\*YRVK\*QWYYHTPM\*NKTNYKPVAGSRKSNVCPSYRRTN\*LFIKYYRANINKRWW\*Q\*PK\*Y\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTG\*TIIVWYSATAE\*SAKGYRGATTSVATHSLGHQAAPGKSPSCRKIPKGSTAPGALGLLWKTHLHHCCALEY\*LE\*\*NPR\*DLE\*HDLDAVGKRN\*QLHRLNIQLT\*RIAKPTRTE\*TRIIAIG\*MGKFMELV\*HIKLAVVYKNIHNDSSRFSRFKNSFYCTFYSE\*S\*AGILTTLVSDPPPSSAGTRQARRNRRRRWRARQRQIQSI

>B.2012.MG196977.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRTPQDSQTHQASLPKQ\*VVYVMPDLQILAIVALVVAAILAIIVWTIVYIEYRKIVKQRRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CYRKYYRKIMGHSILWGTCVERSNHHSILCIRC\*SIQDRST\*CLGHPCLCTHRPQPTRNSIGECDRKL\*HVDK\*HGRTDATGYNQFMGSKLKAMCKINPTLCYFTLHKL\*GKCY\*YRE\*Y\*\*CHQEDC\*Y\*HRE\*Y\*\*CH\*YAKLLFQRHHRSKR\*DTERICTFL\*T\*CSTNR\*\*\*\*Y\*Y\*LYVDTL\*HFNPYTGLSKNIL\*ANSHTLLCPSWFCDSKV\*KYNIQWNRTM\*QCQHSTMYTWN\*ASSVNSTVAKWQSSRRRGSN\*ICQFLR\*C\*SHNSTAERPCTN\*LYKTQQQYKERYTYRTRESILCNRTNSRRYKESTL\*T\*WNKLE\*NFKPDS\*KIKKTIWG\*\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*YNTIV\*\*\*LDLE\*\*YRVK\*QWYYHTPM\*NKTNYKPVAGSRKSNVCPSYRRTN\*LFIKYYRANINKRWW\*Q\*PK\*Y\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTG\*TIIVWYSATAE\*SAKGYRGATTSVATHSLGHQAAPGKNPSCRKIPKGSTAPGALGLLWKTHLHHCCALEY\*LE\*\*NPR\*DLE\*HDLDAVGKRN\*QLHRLNIQLT\*RIAKPTRTE\*TRIIAIG\*MGKFMELV\*HIKLAVVYKNIHNDSSRFSRFKNSFYCTFYSE\*S\*AGILTTLVSDPPPSSAGTRQARRNRRRRWRARQRQIQSI

>B.2012.MG196978.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRTPQDSQTHQASLPKQ\*VVYVMPDLQILAIVALVVAAILAIIVWTIVYIEYRKIVKQRRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CYRKYYRKIMGHSILWGTCVERSNHHSILCIRC\*SIQDRST\*CLGHPCLCTHRPQPTRNSIGECDRKL\*HVDK\*HGRTDATGYNQFMGSKLKAMCKINPTLCYFTLHKL\*GKCY\*YRE\*Y\*\*CHQEDC\*Y\*HRE\*Y\*\*CH\*YAKLLFQRHHRSKR\*DTERICTFL\*T\*CSTNR\*\*\*\*Y\*Y\*LYVDTL\*HFNPYTGLSKNIL\*ANSHTLLCPSWFCDSKV\*KYNIQWNRTM\*QCQHSTMYTWN\*ASSVNSTVAKWQSSRRRGSN\*ICQFLR\*C\*SHNSTAERPCTN\*LYKTQQQYKERYTYRTRESILCNRTNSRRYKESTL\*T\*WNKLE\*NFKPDS\*KIKKTIWG\*\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*YNTIV\*\*\*LDLE\*\*YRVK\*QWYYHTPM\*NKTNYKPVAGSRKSNVCPSYRRTN\*LFIKYYRANINKRWW\*Q\*PK\*Y\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTG\*TIIVWYSATAE\*SAKGYRGATTSVATHSLGHQAAPGKSPSCRKIPKGSTAPGALGLLWKTHLHHSCALEY\*LE\*\*NPR\*DLE\*HDLDAVGKRN\*QLHRLNIQLT\*RIAKPTRTE\*TRIIAIG\*MGKFMELV\*HIKLAVVYKNIHNDSSRFSRFKNSFYCTFYSE\*S\*AGILTTLVSDPPPSSAGTRQARRNRRRRWRARQRQIQSI

>B.2012.MG196979.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRTPQDSQTHQAXLPKQ\*VVYVMPDLQILAIVALVVAAILAIIVWTIVYIEYRKIVKQRRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CYRKYYRKIMGHSILWGTCVERSNHHSILCIRC\*SIQDRST\*CLGHPCLCTHRPQPTRNSIGECDRKL\*HVDK\*HGRTDATGYNQFMGSKLKAMCKINPTLCYFTLHKL\*GKCY\*YRE\*Y\*\*CHQEDC\*Y\*HRE\*Y\*\*CH\*YAKLLFQRHHRSKR\*DTERICTFL\*T\*CSTNR\*\*\*\*Y\*Y\*LYVDTL\*HFNPYTGLSKNTL\*ANSHTLLCPSWFCDSKV\*KYNIQWNRTM\*QCQHSTMYTWN\*ASSVNSTVAKWQSSRRRGSN\*ICQFLR\*C\*SHNSTAERPCTN\*LYKTQQQYKERYTYRTRESILCNRTNSRRYKESTL\*T\*WNKLE\*NFKPDS\*KIKKTIWG\*\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*YNTIV\*\*\*LDLE\*\*YRVK\*QWYYHTPM\*NKTNYKPVAGSRKSNVCPSYRRTN\*LFIKYYRANINKRWW\*Q\*PK\*Y\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTG\*TIIVWYSATAE\*SAKGYRGATTSVATHSLGHQAAPGKSPSCRKIPKGSTAPGALGLLWKTHLHHCCALEY\*LE\*\*NPR\*DLE\*HDLDAVGKRN\*QLHRLNIQLT\*RIAKPTRTE\*TRIIAIG\*MGKFMELV\*HIKLAVVYKNIHNDSSRFSRFKNSFLLYFL\*\*IELGRDTHHSRFRPASQLSGDPTGPKEPKKKVESETETDPVD\*

>B.2012.MG196980.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRTPQDSQTHQASLPKQ\*VVYVMPDLQILAIVALVVAAILAIIVWTIVYIEYRKIVKQRRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CYRKYYRKIMGHSILWGTCVERSNHHSILCIRC\*SIQDRST\*CLGHPCLCTHRPQPTRNSIGECDRKL\*HVDK\*HGRTDATGYNQFMGSKLKAMCKINPTLCYFTLHKL\*GKCY\*YRE\*Y\*\*CHQEDC\*Y\*HRE\*Y\*\*CH\*YAKLLFQRHHRSKR\*DTERICTFL\*T\*CSTNR\*\*\*\*Y\*Y\*LYVDTL\*HFNPYTGLSKNIL\*ANSHTLLCPSWFCDSKV\*KYNIQWNRTM\*QCQHSTMYTWN\*ASSVNSTVAKWQSSRRRGSN\*ICQFLR\*C\*SHNSTAERPCTN\*LYKTQQQYKERYTYRTRESILCNRTNSRRYKESTL\*T\*WNKLE\*NFKPDS\*KIKKTIWG\*\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*YNTIV\*\*\*LDLE\*\*YRVK\*QWYYHTPM\*NKTNYKPVAGSRKSNVCPSYRRTN\*LFIKYYRANINKRWW\*Q\*PK\*Y\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTG\*TIIVWYSATAE\*SAKGYRGATTSVATHSLGHQAAPGKSPSCRKIPKGSTAPGALGLLWKTHLHHCCALEY\*LE\*\*NPR\*DLE\*HDLDAVGKRN\*QLHRLNIQLT\*RIAKPTRTE\*TRIIAIG\*MGKFMELV\*HIKLAVVYKNIHNDSSRFSRFKNSFYCTFYSE\*S\*AGILTTLVSDPPPSSAGTRQARRNRRRRWRARQRQIQSI

>B.2012.MG196981.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRTPQDSQTHQASLPKQ\*VVYVMPDLQILAIVALVVAAILAIIVWTIVYIEYRKIVKQRRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CYRKYYRKIMGHSILWGTCVERSNHHSILCIRC\*SIQDRST\*CLGHPCLCTHRPQPTRNSIGECDRKL\*HVDK\*HGRTDATGYNQFMGSKLKAMCKINPTLCYFTLHKL\*GKCY\*YRE\*Y\*\*CHQEDC\*Y\*HRE\*Y\*\*CH\*YAKLLFQRHHRSKR\*DTERICTFL\*T\*CSTNR\*\*\*\*Y\*Y\*LYVDTL\*HFNPYTGLSKNIL\*ANSHTLLCPSWFCDSKV\*KYNIQWNRTM\*QCQHSTMYTWN\*ASSVNSTVAKWQSSRRRGSN\*ICQFLR\*C\*SHNSTAERPCTN\*LYKTQQQYKERYTYRTRESILCNRTNSRRYKESTL\*T\*WNKLE\*NFKPDS\*KIKKTIWG\*\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*YNTIV\*\*\*LDLE\*\*YRVK\*QWYYHTPM\*NKTNYKPVAGSRKSNVCPSYRRTN\*LFIKYYRANINKRWW\*Q\*PK\*Y\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTG\*TIIVWYSATAE\*SAKGYRGATTSVATHSLGHQAAPGKSPSCRKIPKGSTAPGALGLLWKTHLHHCCALEY\*LE\*\*NPR\*DLE\*HDLDAVGKRN\*QLHRLNIQLT\*RIAKPTRTE\*TRIIAIG\*MGKFMELV\*HIKLAVVYKNIHNDSSRFSRFKNSFYCTFYSE\*S\*AGILTTLVSDPPPSSAGTRQARRNRRRRWRARQRQIQSI

>B.2012.MG196982.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQKCFTTKGLGISYGRKKRRQRRRTPQDSQTHQASLPKQ\*VVYVMPDLQILAIVALVVAAILAIIVWTIVYIEYRKIVKQRRIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHDAPWDIDDL\*CYRKYYRKIMGHSILWGTCVERSNHHSILCIRC\*SIQDRST\*CLGHPCLCTHRPQPTRNSIGECDRKL\*HVDK\*HGRTDATGYNQFMGSKLKAMCKINPTLCYFTLHKL\*GKCY\*YRE\*Y\*\*CHQEDC\*Y\*HRE\*Y\*\*CH\*YAKLLFQRHHRSKR\*DTERICTFL\*T\*CSTNR\*\*\*\*Y\*Y\*LYVDTL\*HFNPYTGLSKNIL\*ANSHTLLCPSWFCDSKV\*KYNIQWNRTM\*QCQHSTMYTWN\*ASSVNSTVAKWQSSRRRGSN\*ICQFLR\*C\*SHNSTAERPCTN\*LYKTQQQYKERYTYRTRESILCNRTNSRRYKESTL\*T\*WNKLE\*NFKPDS\*KIKKTIWG\*\*NNSL\*AILRRGPRNCNAQF\*LWRGIFLL\*YNTIV\*\*\*LDLE\*\*YRVK\*QWYYHTPM\*NKTNYKPVAGSRKSNVCPSYRRTN\*LFIKYYRANINKRWW\*Q\*PK\*Y\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTH\*GKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTG\*TIIVWYSATAE\*SAKGYRGATTSVATHSLGHQAAPGKSPSCRKIPKGSTAPGALGLLWKTHLHHCCALEY\*LE\*\*NPR\*DLE\*HDLDAVGKRN\*QLHRLNIQLT\*RIAKPTRTE\*TRIIAIG\*MGKFMELV\*HIKLAVVYKNIHNDSSRFSRFKNSFYCTFYSE\*S\*AGILTTLVSDPPPSSAGTRQARRNRRRRWRARQRQIQSI

>B.2010.MG196997.-

MEPVDPRIEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPHNSQTHQTALRKQ\*VVHVMNSLQISAIVGLVVAAILAIVVWSIVFIEYRKIRRQKKIDKLLERIIERAEDSGNESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIKC\*RI\*YRST\*CLGHTCLCTHRPRPKRNSIRKCDRKLYHMEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFKL\*\*C\*YQ\*\*\*C\*YH\*\*\*E\*YYRGHKRRDKKLLFQYHHKHKG\*DTEYICTV\*\*A\*CSTNR\*\*\*Y\*LYADKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*RERVQWIRTMYKCQHNTMYTWN\*ASGINSTAVEWQFSRRRHSN\*I\*KYLKQCKNHNSTAEKSCKYYLCKAQQQYKKKYTYRTRESILCNRHNRRYKTSTL\*P\*\*SSMEYHFAKNSTKIK\*IFK\*\*HNSL\*SILRRGSRNYNAHF\*LWRGIFLL\*FNTTVQQYLE\*YFD\*\*LE\*YLEC\*\*H\*CQ\*HYHNPMQNKTNYKHVAGSRKSHVCPSHQRTN\*M\*IKYYRAAIDKRWW\*\*RWHRRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAKQLAEGY\*GATTSVATHSLGHQTAPGKSPGSGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*VC\*LYLGKHDLDAVGKRN\*QLYRINI\*LN\*RIAKPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLDRIKNSFYCIFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2010.MG196998.-

MEPVDPRIEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPHNSQTHQTALRKQ\*VVHVMNSLQISAIVGLVVAAILAIVVWSIVFIEYRKIRRQKKIDKLLERIIERAEDSGNESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIKC\*RI\*YRST\*CLGHTCLCTHRPRPKRNSIRKCDGKL\*HMEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFKL\*\*C\*YQ\*\*\*C\*YH\*\*\*E\*YYRGHKRRDKKLLFQYHHKHKG\*DTEYICTV\*\*A\*CSTNR\*\*\*Y\*LYTDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*RERVQWIRTMYKCQHNTMYTWN\*ASGINSTAVEWQFSRRRHSN\*I\*KYLKQCKNHNSTAEKSCKYYLCKAQQQYKKKYTYRTRESILCNRHNRRYKTSTL\*P\*\*SSMEYHFAKNSTKIK\*IFK\*\*HNSL\*SILRRGSRNYNAHF\*LWRGIFLL\*LTQLFNSTWNSTLTNNWNDTWNANSTDVNDTITIPCRIKQIINMWQEVGKAMYAPPIRGQIRCESNITGLLLTRDGGDSDGTDEIFRPGGGDMRDNWRSELYKYKVVKIEPLGIAPTRARRRVVQREKRAVGLGALFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQSNLLRAIEAQQHLLQLTVWGIKQLQARVLALERYLRDQQLLGIWGCSGKLICTTNVPWNISWSNKSVDYIWENMTWMQWEKEIDNYTGLIYSLIEESQNQQEKNEQELLALDKWAGLWNWFDITRWLWYIKIFIMIVGGLIGLRIVFTVFSIVNRSRQGYSPLSFQTRLPTQRGPDRPEGTEGEGGERDRGRSEIL

>B.2010.MG196999.-

MEPVDPRIEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPHNSQTHQTALRKQ\*VVHVMNSLQISAIVGLVVAAILAIVVWSIVFIEYRKIRRQKKIDKLLERIIERAEDSGNESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIKC\*RI\*YRST\*CLGHTCLCTHRPRPKRNSIRKCDRKL\*HMEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFKL\*\*C\*YQ\*\*\*C\*YH\*\*\*E\*YYRGHKRRDKKLLFQYHHKHKG\*DTEYICTV\*\*A\*CSTNR\*\*\*Y\*LYTDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*RERVQWIRTMYKCQHNTMYTWN\*ASGINSTAVEWQFSRRRHSN\*I\*KYLKQCKNHNSTAEKSCKYYLCKAQQQYKKKYTYRTRESILCNRHNRRYKTSTL\*P\*\*SSMEYHFAKNSTKIK\*IFK\*\*HNSL\*SILRRGSRNYNAHF\*LWRGIFLL\*FNTTVQQYLE\*YFD\*\*LE\*YLEC\*\*H\*CQ\*HYHNPMQNKTNYKHVAGSRKSHVCPSHQRTN\*M\*IKYYRAAIDKRWW\*\*RWXRRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAKQLAEGY\*GATTSVATHSLGHQTAPGKSPGSGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*VC\*LYLGKHDLDAVGKRN\*QLYRINI\*LN\*RIAKPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLDRIKNSFYCIFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2010.MG197000.-

MEPVDPRIEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRFPHNSQTHQTALRKQ\*VVHVMNSLQISAIVGLVVAAILAIVVWSIVFIEYRKIRRQKKIDKLLERIIERAEDSGNESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIKC\*RI\*YRST\*CLGHTCLCTHRPRPKRNSIRKCDRKL\*HMEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFKL\*\*C\*YQ\*\*\*C\*YH\*\*\*E\*YYRGHKRRDKKLLFQYHHKHKG\*DTEYICTV\*\*A\*CSTNR\*\*\*Y\*LYTDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*RERVQWIRTMYKCQHNTMYTWN\*ASGINSTAVEWQFSRRRHSN\*I\*KYLKQCKNHNSTAEKSCKYYLCKAQQQYKKKYTYRTRESILCNRHNRRYKTSTL\*P\*\*SSMEYHFAKNSTKIK\*IFK\*\*HNSL\*SILRRGSRNYNAHF\*LWRGIFLL\*FNTTVQQYLE\*YFD\*\*LE\*YLEC\*\*H\*CQ\*HYHNPMQNKTNYKHVAGSRKSHVCPSHQRTN\*M\*IKYYRAAIDKRWW\*\*RWHRRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAKQLAEGY\*GATTSVATHSLGHQTAPGKSPGSGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*VC\*LYLGKHDLDAVGKRN\*QLYRINI\*LN\*RIAKPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLDRIKNSFYCIFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2010.MG197001.-

MEPVDPRIEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPHNSQTHQTALRKQ\*VVHVMNSLQISAIVGLVVAAILAIVVWSIVFIEYRKIRRQKKIDKLLERIIERAEDSGNESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIKC\*RI\*YRST\*CLGHTCLCTHRPRPKRNSIRKCDRKL\*HMEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFKL\*\*C\*YQ\*\*\*C\*YH\*\*\*E\*YYRGHKRRDKKLLFQYHHKHKG\*DTEYICTV\*\*A\*CSTNR\*\*\*Y\*LYTDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*RERVQWIRTMYKCQHNTMYTWN\*ASGINSTAVEWQFSRRRHSN\*I\*KYLKQCKNHHSTAEKSCKYYLCKAQQQYKKKYTYRTRESILCNRHNRRYKTSTL\*P\*\*SSMEYHFAKNSTKIK\*IFK\*\*HNSL\*SILRRGSRNYNAHF\*LWRGIFLL\*FNTTVQQYLE\*YFD\*\*LE\*YLEC\*\*H\*CQ\*HYHNPMQNKTIINMWQEVGKAMYAPPIRGQIRCESNITGLLLTRDGGDSDGTDEIFRPGGGDMRDNWRSELYKYKVVKIEPLGIAPTRARRRVVQREKRAVGLGALFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQSNLLRAIEAQQHLLQLTVWGIKQLQARVLALERYLRDQQLLGIWGCSGKLICTTNVPWNISWSNKSVDYIWENMTWMQWEKEIDNYTGLIYSLIEESQNQQEKNEQELLALDKWAGLWNWFDITRWLWYIKIFIMIVGGLIGLRIVFTVFSIVNRSRQGYSPLSFQTRLPTQRGPDRPEGTEGEGGERDRGRSEIL

>B.2010.MG197002.-

MEPVDPRIEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPHNSQTHQTALRKQ\*VVHVMNSLQISAIVGLVVAAILAIVVWSIVFIEYRKIRRQKKIDKLLERIIERAEDSGNESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIKC\*RI\*YRST\*CLGHTCLCTHRPRPKRNSIRKCDRKL\*HMEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFKL\*\*C\*YQ\*\*\*C\*YH\*\*\*E\*YYRGHKRRDKKLLFQYHHKHKG\*DTEYICTV\*\*A\*CSTNR\*\*\*Y\*LYTDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*RERVQWIRTMYKCQHNTMYTWN\*ASGINSTAVEWQFSRRRHSN\*I\*KYLKQCKNHNSTAEKSCKYYLCKAQQQYKKKYTYRTRESILCNRHNRRYKTSTL\*P\*\*SSMEYHFAKNSTKIK\*IFK\*\*HNSL\*SILRRGSRNYNAHF\*LWRGIFLL\*FNTTVQQYLE\*YFD\*\*LE\*YLEC\*\*H\*CQ\*HYHNPMQNKTNYKHVAGSRKSHVCPSHQRTN\*M\*IKYYRAAIDKR\*W\*\*RWHRRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAKQLAEGY\*GATTSVATHSLGHQTAPGKSPGSGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*VC\*LYLGKHDLDAVGKRN\*QLYRINI\*LN\*RIAKPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLDRIKNSFYCIFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2010.MG197003.-

MEPVDPRIEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPHNSQTHQTALRKQ\*VVHVMNSLQISAIVGLVVAAILAIVVWSIVFIEYRKIRRQKKIDKLLERIIERAEDSGDESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIKC\*RI\*YRST\*CLGHTCLCTHRPRPKRNSIRKCDRKL\*HMEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFKL\*\*C\*YQ\*\*\*C\*YH\*\*\*E\*YYRGHKRRDKKLLFQYHHKHKG\*DTEYICTV\*\*A\*CSTNR\*\*\*Y\*LYTDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*RERVQWIRTMYKCQHNTMYTWN\*ASGINSTAVEWQFSRRRHSN\*I\*KYLKQCKNHNSTAEKSCKYYLCKAQQQYKKKYTYRTRESILCNRHNRRYKTSTL\*P\*\*SSMEYHFAKNSTKIK\*IFK\*\*HNSL\*SILRRGSRNYNAHF\*LWRGIFLL\*FNTTVQQYLE\*YFD\*\*LE\*YLEC\*\*H\*CQ\*HYHNPMQNKTNYKHVAGSRKSHVCPSHQRTN\*M\*IKYYRAAIDKRWW\*\*RWHRRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAKQLAEGY\*GATTSVATHSLGHQTAPGKSPGSGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*VC\*LYLGKHDLDAVGKRN\*QLYRINI\*LN\*RIAKPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLDRIKNSFYCIFHSE\*K\*AGILTIIVSDPPPNPEGTRQTRRNRRRRWRERQRQIRNL

>B.2010.MG197004.-

MEPVDPRIEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPHNSQTHQTALRKQ\*VVHVMNSLQISAIVGLVVAAILAIVVWSIVFIEYRKIRRQKKIDKLLERIIERAEDSGNESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIKC\*RI\*YRST\*CLGHTCLCTHRPRPKRNSIRKCDRKL\*HMEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFKL\*\*C\*YQ\*\*\*C\*YH\*\*\*E\*YYRGHKRRDKKLLFQYHHKHKG\*DTEYICTV\*\*A\*CSTNR\*\*\*Y\*LYTDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*RERVQWIRTMYKCQHNTMYTWN\*ASGINSTAVEWQFSRRRHSN\*I\*KYLKQCKNHNSTAEKSCKYYLCKAQQQYKKKYTYRTRESILCNRHNRRYKTSTL\*P\*\*SSMEYHFAKNSTKIK\*IFK\*\*HNSL\*SILRRGSRNYNAHF\*LWRGIFLL\*FNTTVQQYLE\*YFD\*\*LE\*YLEC\*\*H\*CQ\*HYHNPMQNKTNYKHVAGSRKSHVCPSHQRTN\*M\*IKYYRAAIDKRWW\*\*RWHRRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAKQLAEGY\*GATTSVATHSLGHQTAPGKSPGSGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*AC\*LYLGKHDLDAVGKRN\*QLYRINI\*LN\*RIAKPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLDRIKNSFYCIFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2010.MG197005.-

MEPVDPRIEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPHNSQTHQTALRKQ\*VVHVMNSLQISAIVGLVVAAILAIVVWSIVFIEYRKIRRQKKIDKLLERIIERAEDSGNESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIKC\*RI\*YRST\*CLGHTCLCTHRPRPKRNSIRKCDRKL\*HMEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFKL\*\*C\*YQ\*\*\*C\*YH\*\*\*E\*YYRGHKRRDKKLLFQYHHKHKG\*DTEYICTV\*\*A\*CSTNR\*\*\*Y\*LYTDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*RERVQWLRTMYKCQHNTMYTWN\*ASGINSTAVEWQFSRRRHSN\*I\*KYLKQCKNHNSTAEKSCKYYLCKAQQQYKKKYTYRTRESILCNRHNRRYKTSTL\*P\*\*SSMEYHFAKNSTN\*VNI\*IIAQ\*SLINPQEGIQKL\*CTLLIVEGNFSIVIQHNCSTVLGIVL\*LITGMILGMLIALMSMTLSQSHAE\*NKL\*TCGRK\*EKPCMPLPSEDKLDVNQILQGCY\*QEMVVIAMAQTRSSDLEEEI\*GTIGEVNYINIK\*\*KLSH\*E\*HPPGQGEEWCREKKEQWD\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPGNYCLV\*CSSKATC\*GLLRRNNICCNSQSGASNSSRQESWLWKDT\*GINSS\*GFGVALENSFAPLMCLGILVGVISLLIIFGKT\*PGCSGKKKLTIIQD\*YIA\*LKNRKTNKKRMNKNYWHWINGQVCGIGLT\*QDGCGI\*KYS\*\*\*\*EA\*\*D\*E\*FLLYFP\*\*IEVGRDTHHYRFRPASQPRGDPTGQKEPKEKVERETEADPKS\*

>B.2010.MG197006.-

MEPVDPRIEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPHNSQTHQTALRKQ\*VVHVMNSLQISAIVGLVVAAILAIVVWSIVFIEYRKIRRQKKIDKLLERIIERAEDSGNESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIKC\*RI\*YRST\*CLGHTCLCTHRPRPKRNSIRKCDRKL\*HMEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFKL\*\*C\*YQ\*\*\*C\*YH\*\*\*E\*YYRGHKRRDKKLLFQYHHKHKG\*DTEYICTV\*\*A\*CSTNR\*\*\*Y\*LYTDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*RERVQWIRTMYKCQHNTMYTWN\*ASGINSTAVEWQFSRRRHSN\*I\*KYLKQCKNHNSTAEKSCKYYLCKAQQQYKKKYTYRTRESILCNRHNRRYKTSTL\*P\*\*SSMEYHFAKNSTKIK\*IFK\*\*HNSL\*SILRRGSRNYNAHF\*LWRGIFLL\*FNTTVQQYLE\*YFD\*\*LE\*YLEC\*\*H\*CQ\*HYHNPMQNKTNYKHVAGSRKSHVCPSHQRTN\*M\*IKYYRAAIDKRWW\*\*RWHRRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAKQLAEGY\*GATTSVATHSLGHQTAPGKSPGSGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*VC\*LYLGKHDLDAVGKRN\*QLYRINI\*LN\*RIAKPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLDRIKNSFYCIFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2010.MG197007.-

MEPVDPRIEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPHNSQTHQTALRKQ\*VVHVMNSLQISAIVGLVVAAILAIVVWSIVFIEYRKIRRQKKIDKLLERIIERAEDSGNESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIKC\*RI\*YRST\*CLGHTCLCTHRPRPKRNSIRKCDRKL\*HMEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFKL\*\*C\*YQ\*\*\*C\*YH\*\*\*E\*YYRGHKRRDKKLLFQYHHKHKG\*DTEYICTV\*\*A\*CSTNR\*\*\*Y\*LYTDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*RERVQWIRTMYKCQHNTMYTWN\*ASGINSTAVEWQFSRRRHSN\*I\*KYLKQCKNHNSTAEKSCKYYLCKAQQQYKKKYTYRTRESILCNRHNRRYKTSTL\*P\*\*SSMEYHFAKNSTKIK\*IFK\*\*HNSL\*SILRRGSRNYNAHF\*LWRGIFLL\*FNTTVQQYLE\*YFD\*\*LE\*YLEC\*\*H\*CQ\*HYHNPMQNKTNYKHVAGSRKSHVCPSHQRTN\*M\*IKYYRAAIDKRWW\*\*RWHRRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAKQLAEGY\*GATTSVATHSLGHQTAPGKSPGSGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*VC\*LYLGKHDLDAVGKRN\*QLYRINI\*LN\*RIAKPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLDRIKNSFYCIFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2010.MG197008.-

MEPVDPRIEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPHNSQTHQTALRKQ\*VVHVMNSLQISAIVGLVVAAILAIVVWSIVFIEYRKIRRQKKIDRLLERIIERAEDSGNESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIKC\*RI\*YRST\*CLGHTCLCTHRPRPKRNSIRKCDRKL\*HMEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFKL\*\*C\*YQ\*\*\*C\*YH\*\*\*E\*YYRGHKRRDKKLLFQYHHKHKG\*DTEYICTV\*\*A\*CSTNR\*\*\*Y\*LYTDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*RERVQWIRTMYKCQHNTMYTWN\*ASGINSTAVEWQFSRRRHSN\*I\*KYLKQCKNHNSTAEKSCKYYLCKAQQQYKKKYTYRTRESILCNRHNRRYKTSTL\*P\*\*SSMEYHFAKNSTKIK\*IFK\*\*HNSL\*SILRRGSRNYNAHF\*LWRGIFLL\*FNTTVQQYLE\*YFD\*\*LE\*YLEC\*\*H\*CQ\*HYHNPMQNKTNYKHVAGSRKSHVCPSHQRTN\*M\*IKYYRAAIDKRWW\*\*RWHRRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAKQLAEGY\*GATTSVATHSLGHQTAPGKSPGSGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*VC\*LYLGKHDLDAVGKRN\*QLYRINI\*LN\*RIAKPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLDRIKNSFYCIFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2010.MG197009.-

MEPVDPRIEPWKHPGSQPKTPCTNCYCKGVAFIAKFAS\*QKA\*ASPMAGRSGDSDEDLLITVRLIRQLYESSK\*YM\*\*TLYKYQQ\*\*D\*\*\*QQY\*Q\*LYGP\*YS\*NIGK\*EDKRK\*TSYLRE\*\*KEQKTVAMRVMGIRKNYPLWWKGGILLLGVLMICSAADQLWVTVYYGVPVWKEATTTLFCASNAKGYDTEVHNVWATHACVPTDPDPKEIVLGNVTENFNIWKNDMVDQMHEDIISLWDQSLKPCVKLTPLCVTLNCSDANTNSSDANTTSSRNNITEDIRGEIKNCSFNITTSIRDKIQNTYALFNKLDVVPIDNSNTSYILISCNTSVITQACPKVTFEPIPIHYCAPAGFAILKCNEKGFNGSGPCTNVSTIQCTHGIKPVVSTQLLLNGSLAEEDIVIRSENISNNAKTIIVQLKNPVNITCVRPNNNTRKSIPIGPGRAFYATDIIGDIRQAHCNLSRAAWNTTLLKIAQKLSKYLNNSTIVFNQSSGGDPEIIMHTFNCGGEFFYCNSHNCSTVLGIVL\*LITGMILGMLIALMSMTLSQSHAE\*NKL\*TCGRK\*EKPCMPLPSEDKLDVNQILQGCY\*QEMVVIAMAQTRSSDLEEEI\*GTIGEVNYINIK\*\*KLSH\*E\*HPPGQGEEWCREKKEQWD\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPGNYCLV\*CSSKATC\*GLLRRNNICCNSQSGASNSSRQESWLWKDT\*GINSS\*GFGVALENSFAPLMCLGILVGVISLLIIFGKT\*PGCSGKKKLTIIQD\*YIA\*LKNRKTNKKRMNKNYWHWINGQVCGIGLT\*QDGCGI\*KYS\*\*\*\*EA\*\*D\*E\*FLLYFP\*\*IEVGRDTHHYRFRPASQPRGDPTGQKEPKEKVERETEADPKS\*

>B.2010.MG197010.-

MEPVDPRIEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPHNSQTHQTALRKQ\*VVHVMNSLQISAIVGLVVAAILAIVVWSIVFIEYRKIRRQKKIDKLLERIIERAEDSGNESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIKC\*RI\*YRST\*CLGHTCLCTHRPRPKRNSIRKCDRKL\*HMEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFKL\*\*C\*YQ\*\*\*C\*YH\*\*\*E\*YYRGHKRRDKKLLFQYHHKHKG\*DTEYICTV\*\*A\*CSTNR\*\*\*Y\*LYTDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*RERVQWIRTMYKCQHNTMYTWN\*ASGINSTAVEWQFSRRRHSN\*I\*KYLKQCKNHNSTAEKSCKYYLCKAQQQYKKKYTYRTRESILCNRHNRRYKTSTL\*P\*\*SSMEYHFAKNSTKIK\*IFK\*\*HNSL\*SILRRGSRNYNAHF\*LWRGIFLL\*FNTTVQQYLE\*YFD\*\*LE\*YLEC\*\*H\*CQ\*HYHNPMQNKTNYKHVAGSRKSHVCPSHQRTN\*M\*IKYYRAAIDKRWW\*\*RWHRRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAKQLAEGY\*GATTSVATHSLGHQTAPGKSPGSGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*VC\*LYLGKHDLDAVGKRN\*QLYRINI\*LN\*RIAKPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLDRIKNSFYCIFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2010.MG197011.-

MEPVDPRIEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPHNSQTHQTALRKQ\*VVHVMNSLQISAIVGLVVAAILAIVVWSIVFIEYRKIRRQKKIDKLLERIIERAEDSGNESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIKC\*RI\*YRST\*CLGHTCLCTHRPRPKRNSIRKCDRKL\*HMEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFKL\*\*C\*YQ\*\*\*C\*YH\*\*\*E\*YYRGHKRRDKKLLFQYHHKHKG\*DTEYICTV\*\*A\*CSTNR\*\*\*Y\*LYTDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*RERVQWIRTMYKCQHNTMYTWN\*ASGINSTAVEWQFSRRRHSN\*I\*KYLKQCKNHNSTAEKSCKYYLCKAQQQYKKKYTYRTRESILCNRHNRRYKTSTL\*P\*\*SSMEYHFAKNSTKIK\*IFK\*\*HNSL\*SILRRGSRNYNAHF\*LWRGIFLL\*FNTTVQQYLE\*YFD\*\*LE\*YLEC\*\*H\*CQ\*HYHNPMQNKTNYKHVAGSRKSHVCPSHQRTN\*M\*IKYYRAAIDKRWW\*\*RWHRRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAKQLAEGY\*GATTSVATHSLGHQTAPGKSPGSGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*VC\*LYLGKHDLDAVGKRN\*QLYRINI\*LN\*RIAKPTRKE\*TRIIGIG\*MGRFVELV\*HNKMAVVYKNIHNDSRRLDRIKNSFYCIFHSE\*K\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIRNL

>B.2010.MG197012.-

MEPVDPRIEPWKHPGSQPKTPCTNCYCKRCCFHCQVCFITKGLGISYGRKKRRQRRRSPHNSQTHQTALRKQ\*VVHVMNSLQISAIVGLVVAAILAIVVWSIVFIEYRKIRRQKKIDKLLERIIERAEDSGNESDGDQEELSALVERGHLAPWGIDDL\*CCRPIVGHSLLWGTCMERGNNHPILCIKC\*RI\*YRST\*CLGHTCLCTHRPRPKRNSIRKCDRKL\*HMEK\*HGRPDA\*GYN\*FMGSKPKAMCKINPTLCYFKL\*\*C\*YQ\*\*\*C\*YH\*\*\*E\*YYRGHKRRDKKLLFQYHHKHKG\*DTEYICTV\*\*A\*CSTNR\*\*\*Y\*LYTDKL\*YLSHYTGLSKGNL\*ANSHTLLCPGWFCDSKV\*RERVQWIRTMYKCQHNTMYTWN\*ASGINSTAVEWQKKT\*\*LDLKISQTMQKP\*\*YS\*KIL\*ILLV\*GPTTIQEKVYL\*DQGEHFMQQT\*\*EI\*DKHIVTLVEQHGIPLC\*K\*HKN\*VNI\*IIAQ\*SLINPQEGIQKL\*CTLLIVEGNFSIVIQHNCSTVLGIVL\*LITGMILGMLIALMSMTLSQSHAE\*NKL\*TCGRK\*EKPCMPLPSEDKLDVNQILQGCY\*QEMVVIAMAQTRSSDLEEEI\*GTIGEVNYINIK\*\*KLSH\*E\*HPPGQGEEWCREKKEQWD\*ELCSLGSWEQQEALWAQRQ\*R\*RYRPGNYCLV\*CSSKATC\*GLLRRNNICCNSQSGASNSSRQESWLWKDT\*GINSS\*GFGVALENSFAPLMCLGILVGVISLLIIFGKT\*PGCSGKKKLTIIQD\*YIA\*LKNRKTNKKRMNKNYWHWINGQVCGIGLT\*QDGCGI\*KYS\*\*\*\*EA\*\*D\*E\*FLLYFP\*\*IEVGRDTHHYRFRPASQPRGDPTGQKEPKEKVERETEADPKS\*

>B.2012.MG197013.-

MEPVDPRLEPWKHPGSQPKTACNSCHCKKCCFHCQVCFIKKGLGISYGRKKRGQRRRASQSSQTHQGYLPKQ\*VIYVMLTLQIVAIVALVIVAIIAIVVWTIVGIEYRKILRQRKIDRIIERIIERAEDSGNESEGDQEELAALVEMGHHAPWDVDDL\*CCRTTVGHSLLWGTCVERRKHHSILCIRC\*RIPYREA\*CLGHTCLCTHRPQPTRSSIGKCDRKI\*HVEK\*HGRTDA\*GYNQFVGSKSKAMCKTNPTLCYFTLH\*CD\*YHW\*\*YQWC\*AGRDD\*\*RRNKKLLFQYHRRHKR\*SAKRICSFL\*N\*FSTNRE\*\*YKQL\*\*YKL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*\*EVQWKRKL\*KCQHSTMYTWN\*TSSVNSTAVKWQFSRRRGSG\*I\*QFHRQC\*NHNSESE\*ICNN\*LYKTRQQHKKKCIYRTRKSILCNRRHNRRYKTSTL\*H\*\*RRLG\*NVKKGSYKIKRKI\*\*NNSL\*\*ILRRRPRNCNAQF\*LWRGIFLL\*YNTAV\*\*HLE\*HD\*\*\*H\*RIK\*CYDHTPM\*NKTNYKHVADSRKSNVCPSHQRRD\*LFIKYYRAAVNKRW\*YQSH\*CH\*DL\*TWRRRYEGQLEK\*II\*I\*SDTT\*TNRSSTHQGKEKSGAKRKKSSGGNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYCATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEF\*LE\*\*ISRSNLG\*HDLE\*LGKRN\*QLHTKNIHLN\*KIAEPTRKE\*KRIIGIGSMGKFVDLV\*YNKLAVVYKNIHNDSRRLDRFKNSFCCIFFSE\*S\*AGIFTTIISDPLPSSEGTRQARRNRRRRWRERQRQIRLL

>B.2012.MG197014.-

MEPVDPRLEPWKHPGSQPKTACNSCHCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRASQSSQTHQGYLPKQ\*VIYVMLTLQIVAIVALVIVAIIAIVVWTIVGIEYRKILRQRKIDRIIERIIERAEDSGNESEGDQEELAALVEMGHHAPWDVDDL\*CCRTTVGHSLLWGTCVERRKHHSILCIRC\*RIPYREA\*CLGHTCLCTHRPQPTRSSIGKCDRKI\*HVEK\*HGRTDA\*GYNQFVGSKSKAMCKTNPTLCYFTLH\*CD\*YHW\*\*YQWC\*AGRDD\*\*RRNKKLLFQYHRRHKR\*SAKRICSFL\*N\*FSTNRE\*\*YKQL\*\*YKL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*\*EVQWKRKL\*KCQHSTMYTWN\*TSSVNSTAVKWQFSRRRGSG\*I\*QFHRQC\*NHNSESE\*ICNN\*LYKTRQQHKKKCIYRTRKSILCNRRHNRRYKTSTL\*H\*\*RRLG\*NVKKGSYKIKRKI\*\*NNSL\*\*ILRRRPRNCNAQF\*LWRGIFLL\*YNTAV\*\*HLE\*HD\*\*\*H\*RIK\*CYDHTPM\*NKTNYKHVADSRKSNVCPSHQRRD\*LFIKYYRAAVNKRW\*YQSH\*CH\*DL\*TWRRRYEGQLEK\*II\*I\*SDTT\*TNRSSTHQGKEKSGAKRKKSSGGNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYCATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEF\*LE\*\*ISRSNLG\*HDLE\*LGKRN\*QLHTKNIHLN\*KIAEPTRKE\*KRIIGIGSMGKFVDLV\*YNKLAVVYKNIHNDSRRLDRFKNSFCCIFFSE\*S\*AGIFTTIISDPLPSSEGTRQARRNRRRRWRERQRQIRLL

>B.2012.MG197015.-

MEPVDPRLEPWKHPGSQPKTACNSCHCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRASQSSQTHQGYLPKQ\*VIYVMLTLQIVAIVALVIVAIIAIVVWTIVGIEYRKILRQRKIDRIIERIIERAEDSGNESEGDQEELAALVEMGHHAPWDVDDL\*CCRTTVGHSLLWGTCVERRKHHSILCIRC\*RIPYREA\*CLGHTCLCTHRPQPTRSSIGKCDRKI\*HVEK\*HGRTDA\*GYNQFVGSKSKAMCKTNPTLCYFTLH\*CD\*YHW\*\*YQWC\*AGRDD\*\*RRNKKLLFQYHRRHKR\*SAKRICSFL\*N\*FSTNRE\*\*YKQL\*\*YKL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*\*EVQWKRKL\*KCQHSTMYTWN\*TSSVNSTAVKWQFSRRRGSG\*I\*QFHRQC\*NHNSESE\*ICNN\*LYKTRQQHKKKCIYRTRKSILCNRRHNRRYKTSTL\*H\*\*RRLG\*NVKKGSYKIKRKI\*\*NNSL\*\*ILRRRPRNCNAQF\*LWRGIFLL\*YNTAV\*\*HLE\*HD\*\*\*H\*RIK\*CYDHTPM\*NKTNYKHVADSRKSNVCPSHQRRD\*LFIKYYRAAVNKRW\*YQSH\*CH\*DL\*TWRRRYEGQLEK\*II\*I\*SDTT\*TNRSSTHQGKEKSGAKRKKSSGGNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYCATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEF\*LE\*\*ISRSNLG\*HDLE\*LGKRN\*QLHTKNIHLN\*KIAEPTRKE\*KRIIGIGSMGKFVDLV\*YNKLAVVYKNIHNDSRRLDRFKNSFCCIFFSE\*S\*AGIFTTIISDPLPSSEGTRQARRNRRRRWRERQRQIRLL

>B.2012.MG197016.-

MEPVDPRLEPWKHPGSQPKTACNSCHCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRASQSSQTHQGYLPKQ\*VIYVMLTLQIVAIVALVIVAIIAIVVWTIVGIEYRKILRQRKVDRIIERIIERAEDSGNESEGDQEELAALVEMGHHAPWDVDDL\*CCRTTVGHSLLWGTCVERRKHHSILCIRC\*RIPYREA\*CLGHTCLCTHRPQPTRSSIGKCDRKI\*HVEK\*HGRTDA\*GYNQFVGSKSKAMCKTNPTLCYFTLH\*CD\*YHW\*\*YQWC\*AGRDD\*\*RRNKKLLFQYHRRHKR\*SAKRICSFL\*N\*FSTNRE\*\*YKQL\*\*YKL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*\*EVQWKRKL\*KCQHSTMYTWN\*TSSVNSTAVKWQFSRRRGSG\*I\*QFHRQC\*NHNSESE\*ICNN\*LYKTRQQHKKKCIYRTRKSILCNRRHNRRYKTSTLXH\*\*RRLG\*NVKKGSYKIKRKI\*\*NNSL\*\*ILRRRPRNCNAQF\*LWRGIFLL\*YNTAV\*\*HLE\*HD\*\*\*H\*RIK\*CYDHTPM\*NKTNYKHVADSRKSNVCPSHQRRD\*LFIKYYRAAVNKRW\*YQSH\*CH\*DL\*TWRRRYEGQLEK\*II\*I\*SDTT\*TNRSSTHQGKEKSGAKRKKSSGGNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYCATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEF\*LE\*\*ISRSNLG\*HDLE\*LGKRN\*QLHTKNIHLN\*KIAEPTRKE\*KRIIGIGSMGKFVDLV\*YNKLAVVYKNIHNDSRRLDRFKNSFCCIFFSE\*S\*AGIFTTIISDPLPSSEGTRQARRNRRRRWRERQRQIRLL

>B.2012.MG197017.-

MEPVDPRLEPWKHPGSQPKTACNSCHCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRASQSSQTHQGYLPKQ\*VIYVMLTLQIVAIVALVIVAIIAIVVWTIVGIEYRKILRQRKIDRIIERIIERAEDSGNESEGDQEELAALVEMGHHAPWDVDDL\*CCRTTVGHSLLWGTCVERRKHHSILCIRC\*RIPYREA\*CLGHTCLCTHRPQPTRSSIGKCDRKI\*HVEK\*HGRTDA\*GYNQFVGSKSKAMCKTNPTLCYFTLH\*CD\*YHW\*\*YQWC\*AGRDD\*\*RRNKKLLFQYHRRHKR\*SAKRICSFL\*N\*FSTNRE\*\*YKQL\*\*YKL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*\*EVQWKRKL\*KCQHSTMYTWN\*TSSVNSTAVKWQFSRRRGSG\*I\*QFHRQC\*NHNSESE\*ICNN\*LYKTRQQHKKKCIYRTRKSILCNRRHNRRYKTSTL\*H\*\*RRLG\*NVKKGSYKIKRKI\*\*NNSL\*\*ILRRRPRNCNAQF\*LWRGIFLL\*YNTAV\*\*HLE\*HD\*\*\*H\*RIK\*CYDHTPM\*NKTNYKHVADSRKSNVCPSHQRRD\*LFIKYYRAAVNKRW\*YQSH\*CH\*DL\*TWRRRYEGQLEK\*II\*I\*SDTT\*TNRSSTHQGKEKSGAKRKKSSGGNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYCATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEF\*LE\*\*ISRSNLG\*HDLE\*LGKRN\*QLHTKNIHLN\*KIAEPTRKE\*KRIIGIGSMGKFVDLV\*YNKLAVVYKNIHNDSRRLDRFKNSFCCIFFSE\*S\*AGIFTTIISDPLPSSEGTRQARRNRRRRWRERQRQIRLL

>B.2012.MG197018.-

MEPVDPRLEPWKHPGSQPKTACNSCHCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRASQSSQTHQGYLPKQ\*VIYVMLTLQIVAIVALVIVAIIAIVVWTIVGIEYRKILRQRKIDRIIERIIERAEDSGNESEGDQEELAALVEMGHHAPWDVDDL\*CCRTTVGHSLLWGTCVERRKHHSILCIRC\*RIPYREA\*CLGHTCLCTHRPQPTRSSIGKCDRKI\*HVEK\*HGRTDA\*GYNQFVGSKSKAMCKTNPTLCYFTLH\*CD\*YHW\*\*YQWC\*AGRDD\*\*RRNKKLLFQYHRRHKR\*SAKRICSFL\*N\*FSTNRE\*\*YKQL\*\*YKL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*\*EVQWKRKL\*KCQHSTMYTWN\*TSSVNSTAVKWQFSRRRGSG\*I\*QFHRQC\*NHNSESE\*ICNN\*LYKTRQQHKKKCIYRTRKSILCNRRHNRRYKTSTL\*H\*\*RRLG\*NVKKGSYKIKRKI\*\*NNSL\*\*ILRRRPRNCNAQF\*LWRGIFLL\*YNTAV\*\*HLE\*HD\*\*\*H\*RIK\*CYDHTPM\*NKTNYKHVADSRKSNVCPSHQRGD\*LFIKYYRAAVNKRW\*YQSH\*CH\*DL\*TWRRRYEGQLEK\*II\*I\*SDTT\*TNRSSTHQGKEKSGAKRKKSSGGNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYCATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEF\*LE\*\*ISRSNLG\*HDLE\*LGKRN\*QLHTKNIHLN\*KIAEPTRKE\*KRIIGIGSMGKFVDLV\*YNKLAVVYKNIHNDSRRLDRFKNSFCCIFFSE\*S\*AGIFTTIISDPLPSSEGTRQARRNRRRRWRERQRQIRLL

>B.2012.MG197019.-

MEPVDPRLEPWKHPGSQPKTACNSCHCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRASQSSQTHQGYLPKQ\*VIYVMLTLQIVAIVALVIVAIIAIVVWTIVGIEYRKILRQRKIDRIIERIIERAEDSGNESEGDQEELAALVEMGHHAPWDVDDL\*CCRTTVGHSLLWGTCVERRKHHSILCIRC\*RIPYREA\*CLGHTCLCTHRPQPTRSSIGKCDRKI\*HVEK\*HGRTDA\*GYNQFVGSKSKAMCKTNPTLCYFTLH\*CD\*YHW\*\*YQWC\*AGRDD\*\*RRNKKLLSQYHRRHKR\*SAKRICSFL\*N\*FSTNRE\*\*YKQL\*\*YKL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*\*EVQWKRKL\*KCQHSTMYTWN\*TSSVNSTAVKWQFSRRRGSG\*I\*QFHRQC\*NHNSESE\*ICNN\*LYKTRQQHKKKCIYRTRKSILCNRRHNRRYKTSTL\*H\*\*RRLG\*NVKKGSYKIKRKI\*\*NNSL\*\*ILRRRPRNCNAQF\*LWRGIFLL\*YNTAV\*\*HLE\*HD\*\*\*H\*RIK\*CYDHTPM\*NKTNYKHVADSRKSNVCPSHQRRD\*LFIKYYRAAVNKRW\*YQSH\*CH\*DL\*TWRRRYEGQLEK\*II\*I\*SDTT\*TNRSSTHQGKEKSGAKRKKSSGGNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYCATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEF\*LE\*\*ISRSNLG\*HDLE\*LGKRN\*QLHTKNIHLN\*KIAEPTRKE\*KRIIGIGSMGKFVDLV\*YNKLAVVYKNIHNDSRRLDRFKNSFCCIFFSE\*S\*AGIFTTIISDPLPSSEGTRQARRNRRRRWRERQRQIRLL

>B.2012.MG197020.-

MEPVDPRLEPWKHPGSQPKTACNSCHCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRASQSSQTHQGYLPKQ\*VIYVMLTLQIVAIVALVIVAIIAIVVWTIVGIEYRKILRQRKIDRIIERIIERAEDSGNESEGDQEELAALVEMGHHAPWDVDDL\*CCRTTVGHSLLWGTCVERRKHHSILCIRC\*RIPYREA\*CLGHTCLCTHRPQPTRSSIGKCDRKI\*HVEK\*HGRTDA\*GYNQFVGSKSKAMCKTNPTLCYFTLH\*CD\*YHW\*\*YQWC\*AGRDD\*\*RRNKKLLFQYHRRHKR\*SAKRICSFL\*N\*FSTNRE\*\*YKQL\*\*YKL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*\*EVQWKRKL\*KCQHSTMYTWN\*TSSVNSTAVKWQFSRRRGSG\*I\*QFHRQC\*NHNSESE\*ICNN\*LYKTRQQHKKKCIYRTRKSILCNRRHNRRYKTSTL\*H\*\*RRLG\*NVKKGSYKIKRKI\*\*NNSL\*\*ILRRRPRNCNAQF\*LWRGIFLL\*YNTAV\*\*HLE\*HD\*\*\*H\*RIK\*CYDHTPM\*NKTNYKHVADSRKSNVCPSHQRRD\*LFIKYYRAAVNKRW\*YQSH\*CH\*DL\*TWRRRYEGQLEK\*II\*I\*SDTT\*TNRSSTHQGKEKSGAKRKKSSGGNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYCATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEF\*LE\*\*ISRSNLG\*HDLE\*LGKRN\*QLHTKNIHLN\*KIAEPTRKE\*KRIIGIGSMGKFVDLV\*YNKLAVVYKNIHNDSRRLDRFKNSFCCIFFSE\*S\*AGIFTTIISDPLPSSEGTRQARRNRRRRWRERQRQIRLL

>B.2012.MG197021.-

MEPVDPRLEPWKHPGSQPKTACNSCHCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRASQSSQTHQGYLPKQ\*VIYVMLTLQIGAIVALVIVAIIAIVVWTIVGIEYRKILRQRKIDRIIERIIERAEDSGNESEGDQEELAALVEMGHHAPWDVDDL\*CCRTTVGHSLLWGTCVERRKHHSILCIRC\*RIPYREA\*CLGHTCLCTHRPQPTRSSIGKCDRKI\*HVEK\*HGRTDA\*GYNQFVGSKSKAMCKTNPTLCYFTLH\*CD\*YHW\*\*YQWC\*AGRDD\*\*RRNKKLLFQYHRRHKR\*SAKRICSFL\*N\*FSTNRE\*\*YKQL\*\*YKL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*\*EVQWKRKL\*KCQHSTMYTWN\*TSSVNSTAVKWQFSRRRGSG\*I\*QFHRQC\*NHNSESE\*ICNN\*LYKTRQQHKKKCIYRTRKSILCNRRHNRRYKTSTL\*H\*\*RRLG\*NVKKGSYKIKRKI\*\*NNSL\*\*ILRRRPRNCNAQF\*LWRGIFLL\*YNTAV\*\*HLE\*HD\*\*\*H\*RIK\*CYDHTPM\*NKTNYKHVADSRKSNVCPSHQRRD\*LFIKYYRAAVNKRW\*YQSH\*CH\*DL\*TWRRRYEGQLEK\*II\*I\*SDTT\*TNRSSTHQGKEKSGAKRKKSSGGNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYCATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEF\*LE\*\*ISRSNLG\*HDLE\*LGKRN\*QLHTKNIHLN\*KIAEPTRKE\*KRIIGIGSMGKFVDLV\*YNKLAVVYKNIHNDSRRLDRFKNSFCCIFFSE\*S\*AGIFTTIISDPLPSSEGTRQARRNRRRRWRERQRQIRLL

>B.2012.MG197022.-

MEPVDPRLEPWKHPGSQPKTACNSCHCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRASQSSQTHQGYLPKQ\*VIYVMLTLQIVAIVALVIVAIIAIVVWTIVGIEYRKILRQRKIDRIIERIIERAEDSGNESEGDQEELAALVEMGHHAPWDVDDL\*CCRTTVGHSLLWGTCVERRKHHSILCIRC\*RIPYREA\*CLGHTCLCTHRPQPTRSSIGKCDRKI\*HVEK\*HGRTDA\*GYNQFVGSKSKAMCKTNPTLCYFTLH\*CD\*YHW\*\*YQWC\*AGRDD\*\*RRNKKLLFQYHRRHKR\*SAKRICSFL\*N\*FSTNRE\*\*YKQL\*\*YKL\*VDKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKVQ\*\*EVQWKRKL\*KCQHSTMYTWN\*TSSVNSTAVKWQFSRRRGSG\*I\*QFHRQC\*NHNSESE\*ICNN\*LYKTRQQHKKKCIYRTRKSILCNRRHNRRYKTSTL\*H\*\*RRLG\*NVKKGSYKIKRKI\*\*NNSL\*\*ILRRRPRNCNAQF\*LWRGIFLL\*YNTAV\*\*HLE\*HD\*\*\*H\*RIK\*CYDHTPM\*NKTNYKHVADSRKSNVCPSHQRRD\*LFIKYYRAAVNKRW\*YQSH\*CH\*DL\*TWRRRYEGQLEK\*II\*I\*SDTT\*TNRSSTHQGKEKSGAKRKKSSGGNRSYVPWVLGSSRKHYGRSVNNADGTGQTIIVWYCATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEF\*LE\*\*ISRSNLG\*HDLE\*LGKRN\*QLHTKNIHLN\*KIAEPTRKE\*KRIIGIGSMGKFVDLV\*YNKLAVVYKNIHNDSRRLDRFKNSFCCIFFSE\*S\*AGIFTTIISDPLPSSEGTRQARRNRRRRWRERQRQIRLL

>B.2012.MG197023.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKECCYHCQLCFITKGLGISYGRKKRRQRRRPPQDSQAHQVPLSKQ\*VVHVMQPLVILSIVALVVVAIIAIVVWSIVFIEYRRILKQRKINRIIDRIRERAEDSGNESEGDQEELSRLVEMGHVEMGHDAPWDVDDL\*CYSKIVGHNLLWGTCVERCKHHSILCIRC\*SI\*DRKT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEKSHGRTDA\*GYNQFMGSKPKAMCKINPTLCYSRLH\*CE\*E\*\*HEC\*CFKGE\*RNEKLLFQYHLNHKK\*DAERICTFL\*A\*YXTNRYR\*CD\*YYL\*VNKL\*HLSHYTGLSKGILSANSHTLLCPSWFCDSKV\*\*\*KV\*WIRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRYSNQI\*KSHK\*C\*NHNSTSKRVCTNHMYKTQQQYKEKYKYRTGESILYNRRHNRRYKTSTL\*H\*\*TKLDRHFKKGSYKVKQNI\*EQDNSF\*SLLRRGHRNCNTQF\*LWRGIFLL\*YNTAV\*WYLE\*\*\*YLEWKLV\*Y\*WYYHTPMQNKTDXKHVAGSRKSNVCPSHQRTD\*LHIKYYRVAINKRWGQGQWQHEGDLQTWRRRYERQLEK\*II\*I\*SSKS\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSXNNADGTGQAIIVWYSAAAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*IL\*\*HLE\*PDLDAVGKRN\*\*LHRLNIPIN\*RIAKPTRKE\*TRIIGIRQMGKFVDLV\*HIKLAVVYKNIHNDSRGLNRFKDSFCCNFCSE\*S\*AGIFTIIIADPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197024.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKECCYHCQLCFITKGLGISYGRKKRRQRRRPPQDSQAHQVPLSKQ\*VVHVMQPLVILSIVALVVVAIIAIVVWSIVFIEYRRILKQRKINRIIDRIRERAEDSGNESEGDQEELSRLVEMGHVEMGHDAPWDVDDL\*CYSKIVGHNLLWGTCVERCKHHSILCIRC\*SI\*DRKT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEKSHGRTDA\*GYNQFMGSKPKAMCKINPTLCYSRLH\*CE\*E\*\*HEC\*CFKGE\*RNEKLLFQYHLNHKK\*DAERICTFL\*A\*YSTNRYR\*CD\*YYL\*VNKL\*HLSHYTGLSKGILSANSHTLLCPSWFCDSKV\*\*\*KV\*WIRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRYSNQI\*KSHK\*C\*NHNSTSKRVCTNHMYKTQQQYKEKYKYRTGESILYNRRHNRRYKTSTL\*H\*\*TKLDRHFKKGSYKVKQNI\*EQDNSF\*SLLRRGHRNCNTQF\*LWRGIFLL\*YNTAV\*WYLE\*\*\*YLEWKLV\*Y\*WYYHTPMQNKTDYKHVAGSRKSNVCPSHQRTD\*LHIKYYRVAINKRWGQGQWQHEGDLQTWRRRYERQLEK\*II\*I\*SSKS\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*IL\*\*HLE\*PDLDAVGKRN\*\*LHRLNIPIN\*RIAKPTRKE\*TRIIGIRQMGKFVDLV\*HIKLAVVYKNIHNDSRGLNRFKDSFCCNFCSE\*S\*AGIFTIIIADPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197025.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKECCYHCQLCFITKGLGISYGRKKRRQRRRPPQDSQAHQVPLSKQ\*VVHVMQPLVILSIVALVVVAIIAIVVWSIVFIEYRRILKQRKINRIIDRIRERAEDSGNESEGDQEELSRLVEMGHVEMGHDAPWDVDDL\*CYSKIVGHNLLWGTCVERCKHHSILCIRC\*SI\*DRKT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEKSHGRTDA\*GYNQFMGSKPKAMCKINPTLCYSRLH\*CE\*E\*\*HEC\*CFKGE\*RNEKLLFQYHLNHKK\*DAERICTFL\*A\*YSTNRYR\*CD\*YYL\*VNKL\*HLSHYTGLSKGILSANSHTLLCPSWFCDSKV\*\*\*KV\*WIRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRYSNQI\*KSHK\*C\*NHNSTSKRVCTNHMYKTQQQYKEKYKYRTGESILYNRRHNRRYKTSTL\*H\*\*TKLDRHFKKGSYKVKQNI\*EQDNSF\*SLLRRGHRNCNTQF\*LWRGIFLL\*YNTAV\*WYLE\*\*\*YLEWKLV\*Y\*WYYHTPMQNKTDYKHVAGSRKSNVCPSHQRTD\*LHIKYYRVAINKRWGQGQWQHEGDLQTWRRRYERQLEK\*II\*I\*SSKS\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*IL\*\*HLE\*PDLDAVGKRN\*\*LHRLNIPIN\*RIAKPTRKE\*TRIIGIRQMGKFVDLV\*HIKLAVVYKNIHNDSRGLNRFKDSFCCNFCSE\*S\*AGIFTIIIADPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197026.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKECCYHCQLCFITKGLGISYGRKKRRQRRRPPQDSQAHQVPLSKQ\*VVHVMQPLVILSIVALVVVAIIAIVVWSIVFIEYRRILKQRKINRIIDRIRERAEDSGNESEGDQEELSRLVEMGHVEMGHDAPWDVDDL\*CYSKIVGHNLLWGTCVERCKHHSILCIRC\*SI\*DRXT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEKSHGRTDA\*GYNQFMGSKPKAMCKINPTLCYSRLH\*CE\*E\*\*HEC\*CFKGE\*RNEKLLFQYHLNHKK\*DAERICTFL\*A\*YSTNRYR\*CD\*YYL\*VNKL\*HLSHYTGLSKGILSANSHTLLCPSWFCDSKV\*\*\*KV\*WIRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRYSNQI\*KSHK\*C\*NHNSTSKRVCTNHMYKTQQQYKEKYKYRTGESILYNRRHNRRYKTSTL\*H\*\*TKLDRHFKKGSYKVKQNI\*EQDNSF\*SLLRRGHRNCNTQF\*LWRGIFLL\*YNTAV\*WYLE\*\*\*YLE\*KLV\*Y\*WYYHTPMQNKTDYKHVAGSRKSNVCPSHQRTD\*LHIKYYRVAINKRWGQGQWQHEGDLQTWRRRYERQLEK\*II\*I\*SSKS\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCAXEF\*LE\*\*IL\*\*HLE\*PDLDAVGKRN\*\*LHRLNIPIN\*RIAKPTRKE\*TRIIGIRQMGKFVDLV\*HIKLAVVYKNIHNDSRGLNRFKDSFCCNFCSE\*S\*AGIFTIIIADPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197027.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKECCYHCQLCFITKGLGISYGRKKRRQRRRPPQDSQAHQVPLSKQ\*VVHVMQPLVILSIVALVVVAIIAIVVWSIVFIEYRRILKQRKINRIIDRIRERAEDSGNESEGDQEELSRLVEMGHVEMGHDAPWDVDDL\*CYSKIVGHNLLWGTCVERCKHHSILCIRC\*SI\*DRKT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEKSHGRTDA\*GYNQFMGSKPKAMCKINPTLCYSRLH\*CE\*E\*\*HEC\*CFKGE\*RNEKLLFQYHLNHKK\*DAERICTFL\*A\*YSTNRYR\*CD\*YYL\*VNKL\*HLSHYTGLSKGILSANSHTLLCPSWFCDSKV\*\*\*KV\*WIRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRYSNQI\*KSHK\*C\*NHNSTSKRVCTNHMYKTQQQYKEKYKYRTGESILYNRRHNRRYKTSTL\*H\*\*TKLDRHFKKGSYKVKQNI\*EQDNSF\*SLLRRGHRNCNTQF\*LWRGIFLL\*YNTAV\*WYLE\*\*\*YLEWKLV\*Y\*WYYHTPMQNKTDYKHVAGSRKSNVCPSHQRTD\*LHIKYYRVAINKRWGQGQWQHEGDLQTWRRRYERQLEK\*II\*I\*SSKS\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*IL\*\*HLE\*PDLDAVGKRN\*\*LHRLNIPIN\*RIAKPTRKE\*TRIIGIRQMGKFVDLV\*HIKLAVVYKNIHNDSRGLNRFKDSFCCNFCSE\*S\*AGIFTIIIADPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197028.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKECCYHCQLCFITKGLGISYGRKKRRQRRRPPQDSQAHQVPLSKQ\*VVHVMQPLVILSIVALVVVAIIAIVVWSIVFIEYRRILKQRKINRIIDRIRERAEDSGNESEGDQEELSRLVEMGHVEMGHDAPWDVDDL\*CYSKIVGHNLLWGTCVERCKHHSILCIRC\*SI\*DRKT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEKSHGRTDA\*GYNQFMGSKPKAMCKINPTLCYSRLH\*CE\*E\*\*HEC\*CFKGE\*RNEKLLFQYHLNHKK\*DAERICTFL\*A\*YSTNRYR\*CD\*YYL\*VNKL\*HLSHYTGLSKGILSANSHTLLCPSWFCDSKV\*\*\*KV\*WIRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRYSNQI\*KSHK\*C\*NHNSTSKRVCTNHMYKTQQQYKEKYKYRTGESILYNRRHNRRYKTSTL\*H\*\*TKLDRHFKKGSYKVKQNI\*EQDNSF\*XLLRRGHRNCNTQF\*LWRGIFLL\*YNTAV\*WYLE\*\*\*YLEWKLV\*Y\*WYYHTPMQNKTDCKHVAGSRKSNVCPSHQRTD\*LHIKYYRVAINKRWGQGQWQHEGDLQTWRRRYERQLEK\*II\*I\*SSKS\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*IL\*\*HLE\*PDLDAVGKRN\*\*LHRLNIPIN\*RIAKPTRKE\*TRIIGIRQMGKFVDLV\*HIKLAVVYKNIHNDSRGLNRFKDSFCCNFCSE\*S\*AGIFTIIIADPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197029.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKECCYHCQLCFITKGLGISYGRKKRRQRRRPPQDSQAHQVPLSKQ\*VVHVMQPLVILSIVALVVVAIIAIVVWSIVFIEYRRILKQRKINRIIDRIRERAEDSGNESEGDQEELSRLVEMGHVEMGHDAPWDVDDL\*CYSKIVGHNLLWGTCVERCKHHSILCIRC\*SI\*DRKT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEKSHGRTDA\*GYNQFMGSKPKAMCKINPTLCYSRLH\*CE\*E\*\*HEC\*CFKGE\*RNEKLLFQYHLNHKK\*DAERICTFL\*A\*YSTNRYR\*CD\*YYL\*VNKL\*HLSHYTGLSKGILSANSHTLLCPSWFCDSKV\*\*\*KV\*WIRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRYSNQI\*KSHK\*C\*NHNSTSKRVCTNHMYKTQQQYKEKYKYRTGESILYNRRHNRRYKTSTL\*H\*\*TKLDRHFKKGSYKVKQNI\*EQDNSF\*SLLRRGHRNCNTQF\*LWRGIFLL\*YNTAV\*WYLE\*\*\*YLEWKLV\*Y\*WYYHTPMQNKTDYKHVAGSRKSNVCPSHQRTD\*LHIKYYRVAINKRWGQGQWQHEGDLQTWRRRYERQLEK\*II\*I\*SSKS\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*IL\*\*HLE\*PDLDAVGKRN\*\*LHRLNIPIN\*RIAKPTRKE\*TRIIGIRQMGKFVDLV\*HIKLAVVYKNIHNDSRGLNRFKDSFCCNFCSE\*S\*AGIFTIIIADPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197030.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKECCYHCQLCFITKGLGISYGRKKRRQRRRPPQDSQAHQVPLSKQ\*VVHVMQPLVILSIVALVVVAIIAIVVWSIVFIEYRRILKQRKINRIIDRIRERAEDSGNESEGDQEELSRLVEMGHVEMGHDAPWDVDDL\*CYSKIVGHNLLWGTCVERCKHHSILCIRC\*SI\*DRKT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEKSHGRTDA\*GYNQFMGSKPKAMCKINPTLCYSRLH\*CE\*E\*\*HEC\*CFKGE\*RNEKLFFQYHLNHKK\*DAERICTFL\*A\*YSTNRYR\*CD\*YYL\*VNKL\*HLSHYTGLSKGILSANSHTLLCPSWFCDSKV\*\*\*KV\*WIRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRYSNQI\*KSHK\*C\*NHNSTSKRVCTNHMYKTQQQYKEKYKYRTGESILYNRRHNRRYKTSTL\*H\*\*TKLDRHFKKGSYKVKQNI\*EQDNSF\*SLLRRGHRNCNTQF\*LWRGIFLL\*YNTAV\*WYLE\*\*\*YLEWKLV\*Y\*WYYHTPMQNKTDYKHVAGSRKSNVCPSHQRTD\*LHIKYYRVAINKRWGQGQWQHEGDLQTWRRRYERQLEK\*II\*I\*SSKS\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*IL\*\*HLE\*PDLDAVGKRN\*\*LHRLNIPIN\*RIAKPTRKE\*TRIIGIRQMGKFVDLV\*HIKLAVVYKNIHNDSRGLNRFKDSFCCNFCSE\*S\*AGIFTIIIADPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197031.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKECCYHCQLCFITKGLGISYGRKKRRQRRRPPQDSQAHQVPLSKQ\*VVHVMQPLVILSIVALVVVAIIAIVVWSIVFIEYRRILKQRKINRIIDRIRERAEDSGNESEGDQEELSRLVEMGHVEMGHDAPWDVDDL\*CYSKIVGHNLLWGTCVERCKHHSILCIRC\*SI\*DRKT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEKSHGRTDA\*GYNQFMGSKPKAMCKINPTLWYSRLH\*CE\*E\*\*HEC\*CFKGE\*RNEKLLFQYHLNHKK\*DAERICTFL\*A\*YSTNRYR\*CD\*YYL\*VNKL\*HLSHYTGLSKGILSANSHTLLCPSWFCDSKV\*\*\*KV\*WIRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRYSNQI\*KSHK\*C\*NHNSTSKRVCTNHMYKTQQQYKEKYKYRTGESILYNRRHNRRYKTSTL\*H\*\*TKLDRHFKKGSYKVKQNI\*EQDNSF\*SLLRRGHRNCNTQF\*LWRGIFLL\*YNTAV\*WYLE\*\*\*YLEWKLV\*Y\*WYYHTPMQNKTDYKHVAGSRKSNVCPSHQRTD\*LHIKYYRVAINKRWGQGQWQHEGDLQTWRRRYERQLEK\*II\*I\*SSKS\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*IL\*\*HLE\*PDLDAVGKRN\*\*LHRLNIPIN\*RIAKPTRKE\*TRIIGIRQMGKFVDLV\*HIKLAVVYKNIHNDSRGLNRFKDSFCCNFCSE\*S\*AGIFTIIIADPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197032.-

MEPVDPRLEPWKHPGSQPRTACTKCYCKECCYHCQLCFITKGLGISYGRKKRRQRRRPPQDSQAHQVPLSKQ\*VVHVMQPLVILSIVALVVVAIIAIVVWSIVFIEYRRILKQRKINRIIDRIRERAEDSGNESEGDQEELSRLVEMGHVEMGHDAPWDVDDL\*CYSKIVGHNLLWGTCVERCKHHSILCIRC\*SI\*DRKT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEKSHGRTDA\*GYNQFMGSKPKAMCKINPTLCYSRLH\*CE\*E\*\*HEC\*CFKGE\*RNEKLLFQYHLNHKK\*DAERICTFL\*A\*YSTNRYR\*CD\*YYL\*VNKL\*HLSHYTGLSKGILSANSHTLLCPSWFCDSKV\*\*\*KV\*WIRTM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRYSNQI\*KSHK\*C\*NHNSTSKRVCTNHMYKTQQQYKEKYKYRTGESILYNRRHNRRYKTSTL\*H\*\*TKLDRHFKKGSYKVKQNI\*EQDNSF\*SLLRRGHRNCNTQF\*LWRGIFLL\*YNTAV\*WYLE\*\*\*YLEWKLV\*Y\*WYYHTPMQNKTDYKHVAGSRKSNVCPSHQRTD\*LHIKYYRVAINKRWGQGQWQHEGDLQTWRRRYERQLEK\*II\*I\*SSKS\*TNRNSTHQGKEKSGAERKKSSGNRSCVPWVLGSSRKHYGRSVNNADGTGQAIIVWYSAAAEQSAEGY\*GATASVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*IL\*\*HLE\*PDLDAVGKRN\*\*LHRLNIPIN\*RIAKPTRKE\*TRIIGIRQMGKFVDLV\*HIKLAVVYKNIHNDSRGLNRFKDSFCCNFCSE\*S\*AGIFTIIIADPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2013.MG197033.-

MEPVDPRLEPWKHPGSQPKTACTSCYCKECCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQAHQASLSKQ\*VIYVMIPLVIVSIVALVIVAIIAIVVWSIVLIEYRKVLRQRRIDRLIDRIRERAEDSGNESEGDQEELSAIMEWGHLAPWDIDDE\*YGDL\*\*\*RKNVGHSLLWGTCVERSNHHFVLCIRC\*SL\*\*RGT\*CLGHTCLCTHRPQPT\*TKIGKCDRKF\*HVEK\*HGRTNAGRYNQSMGSKPKAMCKTNPTLCYFRMH\*\*YYLSSCQ\*Y\*GSCYS\*\*H\*ENRHEKLLFQCHHRHKR\*DAKRICTFLYP\*YSTNR\*\*\*Y\*\*L\*IDKL\*HLSPYTGLSKGIF\*ANSHTLLCPGWFCDSKV\*RYGIQWKWNM\*KCQHSTMYTWN\*ASNINSITAKWQYSRRRDSN\*ICKFLRHW\*NYNSAAERSCKN\*LHKTQQQYKKRCTYRSRGSILHNRRHNRRYKASTL\*H\*\*RTLV\*YYQMGSCKIKRTIWK\*NNSL\*SLLRRGPRSRNAHF\*LWRGIFLL\*YNTTVQYYLGY\*QH\*\*\*QWY\*R\*\*NHTPMQNKTNYKSVAGSRKSNVCPSHQRTN\*LFIKYYRSAVSK\*\*W\*SN\*RD\*DLQTYRRRDEGHLEK\*IIQV\*SSTN\*TIRSSTHQGKEKSGAERKKRADIRSFVHWVLGGSRKHYGRSVDDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGHRKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*NTGDNLEQHDLDAMGKRN\*PIHK\*NI\*FT\*KIAEPAGTK\*TRIVGIG\*MGKFVELV\*YNKMAVVYKNIHNDNRRLDRIKNSFCCA\*YSV\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRYIRTI

>B.2013.MG197034.-

MEPVDPRLEPWKHPGSQPKTACTSCYCKECCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQAHQASLSKQ\*VIYVMIPLVIVSIVALVIVAIIAIVVWSIVLIEYRKVLRQRRIDRLIDRIRERAEDSGNESEGDQEELSAIMEWGHLAPWDIDDE\*YGDL\*\*\*RKNVGHSLLWGTCVERSNHHFVLCIRC\*SL\*\*RGT\*CLGHTCLCTHRPQPT\*TKIGKCDRKF\*HVEK\*HGRTNAGRYNQSMGSKPKAMCKTNPTLCYFRMH\*\*YYLSSCQ\*Y\*GSCYS\*\*H\*ENRHEKLLFQCHHRHKR\*DAKRICTFLYP\*YSTNR\*\*\*Y\*\*L\*IDKL\*HLSPYTGLSKGIF\*ANSHTLLCPGWFCDSKV\*RYGIQWKWNM\*KCQHSTMYTWN\*ASNINSITAKWQYSRRRDSN\*ICKFLRHW\*NYNSAAERSCKN\*LHKTQQQYKKRCTYRSRGSILHNRRHNRRYKASTL\*H\*\*RTLV\*YYQMGSCKIKRTIWK\*NNSL\*SLLRRGPRSRNAHF\*LWRGIFLL\*YNTTVQYYLGY\*QH\*\*\*QWY\*R\*\*NHTPMQNKTNYKSVAGSRKSNVCPSHQRTN\*LFIKYYRSAVSK\*\*W\*SN\*RD\*DLQTYRRRDEGHLEK\*IIQV\*SSTN\*TIRSSTHQGKEKSGAERKKRADIRSFVHWVLGGSRKHYGRSVDDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGHRKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*NTGDNLEQHDLDAMGKRN\*PIHK\*NI\*FT\*KIAEPAGTK\*TRIVGIG\*MGKFVELV\*YNKMAVVYKNIHNDNRRLDRIKNSFCCA\*YSV\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRYIRTI

>B.2013.MG197035.-

MEPVDPRLEPWKHPGSQPKTACTSCYCKECCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQAHQASLSKQ\*VIYVMIPLVIVSIVALVIVAIIAIVVWSIVLIEYRKVLRQRRIDRLIDRIRERAEDSGNESEGDQEELSAIMEWGHLAPWDIDDE\*YGDL\*\*\*RKNVGHSLLWGTCVERSNHHLVLCIRC\*SL\*\*RGT\*CLGHTCLCTHRPQPT\*TKIGKCDRKF\*HVEK\*HGRTNAGRYNQSMGSKPKAMCKTNPTLCYFRMH\*\*YYLSSCQ\*Y\*GSCYS\*\*H\*ENRHEKLLFQCHHRHKR\*DAKRICTFLYP\*YSTNR\*\*\*Y\*\*L\*IDKL\*HLSPYTGLSKGIF\*ANSHTLLCPGWFCDSKV\*RYGIQWKWNM\*KCQHSTMYTWN\*ASNINSITAKWQYSRRRDSN\*ICKFLRHW\*NYNSAAERSCKN\*LHKTQQQYKKRCTYRSRGSILHNRRHNRRYKASTL\*H\*\*RTLV\*YYQMGSCKIKRTIWK\*NNSL\*SLLRRGPRSRNAHF\*LWRGIFLL\*YNTTVQYYLGY\*QH\*\*\*QWY\*R\*\*NHTPMQNKTNYKSVAGSRKSNVCPSHQRTN\*LFIKYYRSAVSK\*\*W\*SN\*RD\*DLQTYRRRDEGHLEK\*IIQV\*SSTN\*TIRSSTHQGKEKSGAERKKRADIRSFVHWVLGGSRKHYGRSVDDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGHRKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*NTGDNLEQHDLDAMGKRN\*PIHK\*NI\*FT\*KIAEPAGTK\*TRIVGIG\*MGKFVELV\*YNKMAVVYKNIHNDNRRLDRIKNSFCCA\*YSV\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRYIRTI

>B.2013.MG197036.-

MEPVDPRLEPWKHPGSQPKTACTSCYCKECCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQAHQASLSKQ\*VIYVMIPLVIVSIVALVIVAIIAIVVWSIVLIEYRKVLRQRRIDRLIDRIRERAEDSGNESEGDQEELSAIMEWGHLAPWDIDDE\*YGDL\*\*\*RKNVGHSLLWGTCVERSNHHFVLCIRC\*SL\*\*RGT\*CLGHTCLCTHRPQPT\*TKIGKCDRKF\*HVEK\*HGRTNAGRYNQSMGSKPKAMCKTNPTLCYFRMH\*\*YYLSSCQ\*Y\*GSCYS\*\*H\*ENRHEKLLFQCHHRHKR\*DAKRICTFLYP\*YSTNR\*\*\*Y\*\*L\*IDKL\*HLSPYTGLSKGIF\*ANSHTLLCPGWFCDSKV\*RYGIQWKWNM\*KCQHSTMYTWN\*ASNINSITAKWQYSRRRDSN\*ICKFLRHW\*NYNSAAERSCKN\*LHKTQQQYKKRCTYRSRGSILHNRRHNRRYKASTL\*H\*\*RTLV\*YYQMGSCKIKRTIWK\*NNSL\*SLLRRGPRSRNAHF\*LWRGIFLL\*YNTTVQYYLGY\*QH\*\*\*QWY\*R\*\*NHTPMQNKTNYKSVAGSRKSNVCPSHQRTN\*LFIKYYRSAVSK\*\*W\*SN\*RD\*DLQTYRRRDEGHLEK\*IIQV\*SSTN\*TIRSSTHQGKEKSGAERKKRADIRSFVHWVLGGSRKHYGRSVDDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGHRKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*NTGDNLEQHDLDAMGKRN\*PIHK\*NI\*FT\*KIAEPAGTK\*TRIVGIG\*MGKFVELV\*YNKMAVVYKNIHNDNRRLDRIKNSFCCA\*YSV\*S\*AGIFTLIVSDPPPSSEGTRQARRNRQRRWRERQRYIRTI

>B.2013.MG197037.-

MEPVDPRLEPWKHPGSQPKTACTSCYCKECCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQAHQASLSKQ\*VIYVMIPLVIVSIVALVIVAIIAIVVWSIVLIEYRKVLRQRRIDRLIDRIRERAEDSGNESEGDQEELSAIMEWGHLAPWDIDDE\*YGDL\*\*\*RKNVGHSLLWGTCVERSNHHFVLCIRC\*SL\*\*RGT\*CLGHTCLCTHRPQPT\*TKIGKCDRKF\*HVEK\*HGRTNAGRYNQSMGSKPKAMCKTNPTLCYFRMH\*\*YYLSSCQ\*Y\*GSCYS\*\*H\*ENRHEKLLFQCHHRHKR\*DAKRICTFLYP\*YSTNR\*\*\*Y\*\*L\*IDKL\*HLSPYTGLSKGIF\*ANSHTLLCPGWFCDSKV\*RYGIQWKWNM\*KCQHSTMYTWN\*ASNINSITAKWQYSRRRDSN\*ICKFLRHW\*NYNSAAERSCKN\*LHKTQQQYKKRCTYRSRGSILHNRRHNRRYKASTL\*H\*\*RTLV\*YYQMGSCKIKRTIWK\*NNSL\*SLLRRGPRSRNAHF\*LWRGIFLL\*YNTTVQYYLGY\*QH\*\*\*QWY\*R\*\*NHTPMQNKTTYKSVAGSRKSNVCPSHQRTN\*LFIKYYRSAVSK\*\*W\*SN\*RD\*DLQTYRRRDEGHLEK\*IIQV\*SSTN\*TIRSSTHQGKEKSGAERKKRADIRSFVHWVLGGSRKHYGRSVDDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGHRKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*NSGDNLEQHDLDAMGKRN\*PIHK\*NI\*FT\*KIAEPAGTK\*TRIVGIG\*MGKFVELX\*YNKMAVVYKNIHNDNRRLDRIKNSFCYA\*YSV\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRYIRTI

>B.2013.MG197038.-

MEPVDPRLEPWKHPGSQPKTACTSCYCKECCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQAHQASLSKQ\*VIYVMIPLVIVSIVALVIVAIIAIVVWSIVLIEYRKVLRQRRIDRLIDRIRERAEDSGNESEGDQEELSAIMEWGHLAPWDIDDE\*YGDL\*\*\*RKNVGHSLLWGTCVERSNHHFVLCIRC\*SL\*\*RGT\*CLGHTCLCTHRPQPT\*TKIGKCDRKF\*HVEK\*HGRTNAGRYNQSMGSKPKAMCKTNPTLCYFRMH\*\*YYLSSCQ\*Y\*GSCYS\*\*H\*ENRHEKLLFQCHHRHKR\*DAKRICTFLYP\*YSTNR\*\*\*Y\*\*L\*IDKL\*HLSPYTGLSKGIF\*ANSHTLLCPGWFCDSKV\*RYGIQWKWNM\*KCQHSTMYTWN\*ASNINSITAKWQYSRRRDSN\*ICKFLRHW\*NYNSAAERSCKN\*LHKTQQQYKKRCTYRSRGSILHNRRHNRRYKASTL\*H\*\*RTLV\*YYQMGSCKIKRTIWK\*NNSL\*SLLRRGPRSRNAHF\*LWRGIFLL\*YNTTVQYYLGY\*QH\*\*\*QWY\*R\*\*NHTPMQNKTTYKSVAGSRKSNVCPSHQRTN\*LFIKYYRSAVSK\*\*W\*SN\*RD\*DLQTYRRRDEGHLEK\*IIQV\*SSTN\*TIRSSTHQGKEKSGAERKKRADIRSFVHWVLGGSRKHYGRSVDDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGHRKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*NSGDNLEQHDLDAMGKRN\*PIHK\*NI\*FT\*KIAEPAGTK\*TRIVGIG\*MGKFVELV\*YNKMAVVYKNIHNDNRRLDRIKNSFCYA\*YSV\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRYIRTI

>B.2013.MG197039.-

MEPVDPRLEPWKHPGSQPKTACTSCYCKECCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQAHQASLSKQ\*VIYVMIPLVIVSIVALVIVAIIAIVVWSIVLIEYRKVLRQRRIDRLIDRIRERAEDSGNESEGDQEELSAIMEWGHLAPWDIDDE\*YGDL\*\*\*RKNVGHSLLWGTCVERSNHHFVLCIRC\*SL\*\*RGT\*CLGHTCLCTHRPQPT\*TKIGKCDRKF\*HVEK\*HGRTNAGRYNQSMGSKPKAMCKTNPTLCYFRMH\*\*YYLSSCQ\*Y\*GSCYS\*\*H\*ENRHEKLLFQCHHRHKR\*DAKRICTFLYP\*YSTNR\*\*\*Y\*\*L\*IDKL\*HLSPYTGLSKGIF\*ANSHTLLCPGWFCDSKV\*RYGIQWKWNM\*KCQHSTMYTWN\*ASNINSITAKWQYSRRRDSN\*ICKFLRHW\*NYNSAAERSCKN\*LHKTQQQYKKXCTYRSRGSILHNRRHNRRYKASTL\*H\*\*RTLV\*YYQMGSCKIKRTIWK\*NNSL\*SLLRRGPRSRNAHF\*LWRGIFLL\*YNTTVQYYLGY\*QH\*\*\*QWY\*R\*\*NHTPMQNKTTYKSVAGSRKSNVCPSHQRTN\*LFIKYYRSAVSK\*\*W\*SN\*RD\*DLQTYRRRDEGHLEK\*IIQV\*SSTN\*TIRSSTHQGKEKSGAERKKRADIRSFVHWVLGGSRKHYGRSVDDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGHRKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*NSGDNLEQHDLDAMGKRN\*PIHK\*NI\*FT\*KIAEPAGTK\*TRIVGIG\*MGKFVELV\*YNKMAVVYKNIHNDNRRLDRIKNSFCYA\*YSV\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRYIRTI

>B.2013.MG197040.-

MEPVDPRLEPWKHPGSQPKTACTSCYCKECCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQAHQASLSKQ\*VIYVMIPLVIVSIVALVIVAIIAIVVWSIVLIEYRKVLRQRRIDRLIDRIRERAEDSGNESEGDQEELSAIMEWGHLAPWDIDDE\*YGDL\*\*\*RKNVGHSLLWGTCVEXSNHHFVLCIRC\*SL\*\*RGT\*CLGHTCLRTHRPQPT\*TKIGKCDRKF\*HVEK\*HGRTNAGRYNQSMGSKPKAMCKTNPTLCYFRMH\*\*YYLSSCQ\*Y\*GS\*YS\*\*H\*ENRHEKLLFQCHHRHKR\*DAKRICTFLYP\*YSTNR\*\*\*Y\*\*L\*IDKL\*HLSPYTGLSKGIF\*ANSHTLLCPGWFCDSKV\*RYGIQWKWNM\*KCQHSTMYTWN\*ASNINSITAKWQYSRRRDSN\*ICKFLRHW\*NYNSAAERSCKN\*LHKTQQQYKKRCTYRSRGSILHNRRHNRRYKASTL\*H\*\*RTLV\*YYQMGSCKIKRTIWK\*NNSL\*SLLRRGPRSRNAHF\*LWRGIFLL\*YNTTVQYYLGY\*QH\*\*\*QWY\*R\*\*NHTPMQNKTNYKSVAGSRKSNVCPSHQRTN\*LFIKYYRSAVSK\*\*W\*SN\*RD\*DLQTYRRRDEGHLEK\*IIQV\*SSTN\*TIRSSTHQGKEKSGAERKKRADIRSFVHWVLGGSRKHYGRSVDDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGHRKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*NSGDNLEQHDLDAMGKRN\*PIHK\*NI\*FT\*KIAEPAGTK\*TRIVGIG\*MGKFVELV\*YNKMAVVYKNIHNDNRRLDRIKNSFCCA\*YSV\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRYIRTI

>B.2013.MG197041.-

MEPVDPRLEPWKHPGSQPKTACTSCYCKECCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQAHQASLSKQ\*VIYVMIPLVIVSIVALVIVAIIAIVVWSIVLIEYRKVLRQRRIDRLIDRIRERAEDSGNESEGDQEELSAIMEWGHLAPWDIDDE\*YGDL\*\*\*RKNVGHSLLWGTCVERSNHHFVLCIRC\*SL\*\*RGT\*CLGHTCLRTHRPQPT\*TKIGKCDRKF\*HVEK\*HGRTNAGRYNQSMGSKPKAMCKTNPTLCYFRMH\*\*YYLSSCQ\*Y\*GS\*YS\*\*H\*ENRHEKLLFQCHHRHKR\*DAKRICTFLYP\*YSTNR\*\*\*Y\*\*L\*IDKL\*HLSPYTGLSKGIF\*ANSHTLLCPGWFCDSKV\*RYGIQWKWNM\*KCQHRTMYTWN\*ASNINSITAKWQYSRRRDSN\*ICKFLRHW\*NYNSAAERSCKN\*LHKTQQQYKKRCTYRSRGSILHNRRHNRRYKASTL\*H\*\*RTLV\*YYQMGSCKIKRTIWK\*NNSL\*SLLRRGPRSRNAHF\*LWRGIFLL\*YNTTVQYYLGY\*QH\*\*\*QWY\*R\*\*NHTPMQNKTNYKSVAGSRKSNVCPSHQRTN\*LFIKYYRSAVSK\*\*W\*SN\*RD\*DLQTYRRRDEGHLEK\*IIQV\*SSTN\*TIRSSTHQGKEKSGAERKKRADIRSFVHWVLGGSRKHYGRSVDDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGHRKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*NSGDNLEQHDLDAMGKRN\*PIHK\*NI\*FT\*KIAEPAGTK\*TRIVGIG\*MGKFVELV\*YNKMAVVYKNIHNDNRRLDRIKNSFCCA\*YSV\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRYIRTI

>B.2013.MG197042.-

MEPVDPRLEPWKHPGSQPKTACTSCYCKECCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQAHQASLSKQ\*VIYVMIPLVIVSIVALVIVAIIAIVVWSIVLIEYRKVLRQRRIDRLIDRIRERAEDSGNESEGDQEELSAIMEWGHLAPWDIDDE\*YGDL\*\*\*KKNVGHSLLWGTCVERSNHHFVLCIRC\*SL\*\*RGT\*CLGHTCLRTHRPQPT\*TKIXKCDRKF\*HVEK\*HGRTNAGRYNQSMGSKPKAMCKTNPTLCYFRMH\*\*YYLSSCQ\*Y\*GS\*YS\*\*H\*ENRHEKLLFQCHHRHKR\*DAKRICTFLYP\*YSTNR\*\*\*Y\*\*L\*IDKL\*HLSPYTGLSKGIF\*ANSHTLLCPGWFCDSKV\*RYGIQWKWNM\*KCQHSTMYTWN\*ASNINSITAKWQYSRRRDSN\*ICKFLRHW\*NYNSAAERSCKN\*LHKTQQQYKKRCTYRSRGSILHNRRHNRRYKASTL\*H\*\*RTLV\*YYQMGSCKIKRTIWK\*NNSL\*SLLRRGPRSRNAHF\*LWRGIFLL\*YNTTVQYYLGY\*QH\*\*\*QWY\*R\*\*NHTPMQNKTNYKSVAGSRKSNVCPSHQRTN\*LFIKYYRSAVSK\*\*W\*SN\*RD\*DLQTYRRRDEGHLEK\*IIQV\*SSTN\*TIRSSTHQGKEKSGAERKKRADIRSFVHWVLGGSRKHYGRSVDDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKSPGHRKIPKGSTAPRDLGLLWKTHLHHFCALEY\*LE\*\*NSGDNLEQHDLDAMGKRN\*PIHK\*NI\*FT\*KIAEPAGTK\*TRIVGIG\*MGKFVELV\*YNKMAVVYKNIHNDNRRLDRIKNSFCCA\*YSV\*S\*AGIFTLIVSDPPPSSEGTRQARRNRRRRWRERQRYIRTI

>B.2012.MG197043.-

MEPIDPRLEPWNHPGSQPKTACTPCYCKKCCYHCPVCFISKGLGISYGRKKRRQRRRAHQDSPPDQAYLSKQ\*VVYVMQPLVILAIVALVVAIILAIIVWSIVFIEYRKIKKQKRIDRLIDRIAERAEDSGNESDGDQEELSALVERGHLEMGHDAPWDVNDL\*CNRRLVGHSLLWGTCVERGKDHSILCLRC\*RI\*YRGT\*YLGHTCLCTHRPQPTRNSIGKCDRKF\*RVEK\*HDRPDA\*GYNQFMG\*KPKTMCKTNPTLCYFRLQGTQ\*N\*ECYYRRRSKKLYFQYHHTRKE\*DAEAICPFL\*HGYNTNRQ\*\*\*QYHI\*IDKV\*HLSHYTGLPKDIL\*ANSHTLLCPGWFCNSKM\*Q\*DIQWKRTMHKCQHSTMHKWN\*ASSINPTTVKWQSSRRRCSN\*I\*KFHGQCKNHNSTSK\*ICNN\*LYKAQQ\*YKKKYTYSTRENILCNRRHNRRYKTSTL\*H\*WYRMGTSFNKCGWKTKRTIWGK\*NNNL\*SILRRGPRDCNAQF\*L\*GGIFLL\*YLKTV\*QYMAK\*Y\*KC\*YH\*RNYHTPVQNKTNYKHVAGSRKGNVCPSHQRTT\*LFIKYYRAAINKRWGL\*SGEQ\*RDLQTGRRRYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAKRKESSGNGSFVPWVLGSSRKHYGRSVTNADGTSQTIIVWYSATAKQFAESY\*GAAAYVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHCCVLECYLE\*\*ISGGNLE\*HDLDGVG\*RD\*QLHTTHIHVA\*RITKPARKE\*KGIIGIG\*MGRFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTTIVSDPPPSTEGTRQARRNRRRRWRERQRHIQQI

>B.2012.MG197044.-

MEPIDPRLEPWNHPGSQPKTACTPCYCKKCCYHCQVCFISKGLGISYGRKKRRQRRRAHQDSPPDQAYLSKQ\*VVYVMQPLVILAIVALVVAIILAIIVWSIVFIEYRKIKKQKRIDRLIDRIAERAEDSGNESDGDQEELSALVERGHLEMGHDAPWDVNDL\*CNRRLVGHSLLWGTCVERGKDHSILCLRC\*RI\*YRGT\*YLGHTCLCTHRPQPTRNSIGKCDRKF\*RVEK\*HDRPDA\*GYNQFMG\*KPKTMCKTNPTLCYFRLQGTQ\*N\*ECYYRRRSKKLYFQYHHTRKE\*GAEAVCPFL\*HGYNTNRQ\*\*\*QYHI\*IDKM\*HLSHYTGLPKDIL\*ANSHTLLCPGWFCNSKM\*Q\*DIQWKRTMHKCQHSTMHTWN\*ASSINPTTVKWQSSRRRCSN\*I\*KFHGQCKNHNSTSK\*ICNN\*LYKAQQ\*YKKKYTYSTRENILCNRRHNRRYKTSTL\*H\*WYRMGTSFNKCGWKTKRTIWGK\*NNNL\*PILRRGPRDCNAQF\*L\*GGIFLL\*YLKTV\*QYMAK\*Y\*KC\*YH\*RNYHTPVQNKTNYKHVAGSRKGNVCPSHQRTT\*LFIKYYRAAINKRWGL\*SGEQ\*RDLQTGRRRYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAKRKESSGNGSFVPWVLGSSRKHYGRSVTNADGTSQTIIVWYSATAKQFAESY\*GAAAYVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHCCVLECYLE\*\*ISGGNLE\*HDLDGVG\*RD\*QLHTTHIHVA\*RITKPARKE\*KGIIGIG\*MGRFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTTIVSDPPPSTEGTRQARRNRRRRWRERQRHIQQI

>B.2012.MG197045.-

MEPIDPRLEPWNHPGSQPKTACTPCYCKKCCYHCQVCFISKGLGISYGRKKRRQRRRAHQDSPPDQAYLSKQ\*VVYVMQPLVILAIVALVVAIILAIIVWSIVFIEYRKIKKQKRIDRLIDRIAERAEDSGNESDGDQEELSALVERGHLEMGHDAPWDVNDL\*CNRRLVGHSLLWGTCVERGKDHSILCLRC\*RI\*YRGT\*YLGHTCLCTHRPQPTRNSIRKCDRKF\*RVEK\*HDRPDA\*GYNQFMG\*KPKTMCKTNPTLCYFRLQRTQ\*N\*ECYYRRRSKKLYFQYHHTRKE\*GAEAICPFL\*HGYNTNRQ\*\*\*QYHI\*IDKV\*HLSHYTGLPKDIL\*ANSHTLLCPGWFCNSKM\*Q\*DIQWKRTMHKCQHSTMHTWN\*ASSINPTTVKWQSSRRRCSN\*I\*KFHGQCKNHNSTSK\*ICNN\*LYKAQQ\*YKKKYTYSTRENILCNRRHNRRYKTSTL\*H\*WYRMGTSFNKCGWKTKRTIWGK\*NNNL\*SILRRGPRDCNAQF\*L\*GGIFLL\*YLKTV\*QYMAK\*Y\*KC\*YH\*RNYHTPVQNKTNYKHVAGSRKGNVCPSHQRTT\*LFIKYYRAAINKRWGL\*SGEQ\*RDLQTGRRRYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAKRKESSGNGSFVPWVLGSSRKHYGRSVTNADGTSQTIIVWYSATAKQFAESY\*GAAAYVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHCCVLECYLE\*\*ISGGNLE\*HDLDGVG\*RD\*QLHTTHIHVA\*RITKPARKE\*KGIIGIG\*MGRFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTTIVSDPPPSTEGTRQARRNRRRRWRERQRHIQQI

>B.2012.MG197046.-

MEPIDPRLEPWNHPGSQPKTACTPCYCKKCCYHCQVCFISKGLGISYGRKKRRQRRRAHQDSPPDQAYLSKQ\*VVYVMQPLVILAIVALVVAIILAIIVWSIVFIEYRKIKKQKRIDRLIDRIAERAEDSGNESDGDQEELSALVERGHLEMGHDAPWDVNDL\*CNRRLVGHSLLWGTCVERGKDHSILCLRC\*RI\*YRGT\*YLGHTCLCTHRPQPTRNSIGKCDRKF\*RVEK\*HDRPDA\*GYNQFMG\*KPKTMCKTNPTLCYFRLQGTQ\*N\*ECYYRRRSKKLYFQYHHTRKE\*GAEAICPFL\*HGYNTNRQ\*\*\*QYHI\*IDKV\*HLSHYTGLPKDIL\*ANSHTLLCPGWFCNSKM\*Q\*DIQWKRTMHKCQHSTMHTWN\*ASSINPTTVKWQSSRRRCSN\*I\*KFHGQCKNHNSTSK\*ICNN\*LYKAQQ\*YKKKYTYSTRENILCNRRHNRRYKTSTL\*H\*WYRMGTSFNKCGWKTKRTIWGK\*NNNL\*SILRRGPRDCNAQF\*L\*GGIFLL\*YLKTV\*QYMAK\*Y\*KC\*YH\*RNYHTPVQNKTNYKHVAGSRKGNVCPSHQRTT\*LFIKYYRAAINKRWGL\*SGEQ\*RDLQTGRRRYEEQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAKRKESSGNGSFVPWVLGSSRKHYGRSVTNADGTSQTIIVWYSATAKQFAESY\*GAAAYVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHCCVLECYLE\*\*ISGGNLE\*HDLDGVG\*RD\*QLHTTHIHVA\*RITKPARKE\*KGIIGIG\*MGRFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTTIVSDPPPSTEGTRQARRNRRRRWRERQRHIQQI

>B.2012.MG197047.-

MEPIDPRLEPWNHPGSQPKTACTPCYCKKCCYHCQVCFISKGLGISYGRKKRRQRRRAHQDSPPDQAYLSKQ\*VVYVMQPLVILAIVALVVAIILAIIVWSIVSIEYRKIKKQKRIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLEMGHDAPWDVNDL\*CNRRLVGHSLLWGTCVERGKDHSILCLRC\*RI\*YRGT\*YLGHTCLCTHRPQPTRNSIGKCDRKF\*RVEK\*HDRPDA\*GYNQFMG\*KPKTMCKTNPTLCYFRLQGTQ\*N\*ECYYRRRSKKLYFQHHHTRKE\*GAEAICPFL\*HGYNTNRQ\*\*\*QYHI\*IDKV\*HLSHYTGLPKDIL\*ANSHTLLCPGWFCNSKM\*Q\*DIQWKRTMHKCQHSTMHTWN\*ASSINPTTVKWQSSRRRCSN\*I\*KFHGQCKNHNSTSK\*ICNN\*LYKAQQ\*YKKKYTYSTRENILCNRRHNRRYKTSTL\*H\*WYRMGTSFNKCSWKTKRTIWGK\*NNNL\*SILRRGPRDCNAQF\*L\*GGIFLL\*YLKTV\*QYMAK\*Y\*KC\*YH\*RNYHTPVQNKTNYKHVAGSRKGNVCPSHQRTT\*LFIKYYRAAINKRWGL\*SGEQ\*RDLQTGRRRYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAKRKESSGNGSFVPWVLGSSRKHYGRSVTNADGTSQTIIVWYSATAKQFAESY\*GAAAYVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHCCVLECYLE\*\*ISGGNLE\*HDLDGVG\*RD\*QLHTTHIHVA\*RITKPARKE\*KGIIGIG\*MGRFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFHSE\*S\*AGIFTTIVSDPPPSTEGTRQARRNRRRRWRERQRHIQQI

>B.2012.MG197048.-

MEPIDPRLEPWNHPGSQPKTACTPCYCKKCCYHCQVCFISKGLGISYGRKKRRQRRRAHQDSPPDQAYLSKQ\*VVYVMQPLVILAIVALVVAIILAIIVWSIVFIEYRKIKKQKRIDRLIDRIAERAEDSGNESEGDQEELSALVERGHLEMGHDAPWDVNDL\*CNRRLVGHSLLWGTCVERGKDHSILCLRC\*RI\*YRGT\*YLGHTCLCTHRPQPTRNSIGKCDRKF\*RVEK\*HDRPDA\*GYNQFMG\*KPKTMCKTNPTLCYFRLQGTQ\*N\*ECYYRRRSKKLYFQYHHTRKE\*GAEAICPFFIARI\*YQ\*TVIITIPYID\*\*DVTPQSLHRPAQRYPLSQFPYIIVPRLVLQF\*NVTIRHSVEKDHAQMSAQYNAHMELSQ\*YQPNYC\*MAV\*QKKM\*\*LDLKISRTMQKP\*\*YI\*INL\*QLIVQGPTIIQEKVYI\*HQGEHSMQQET\*\*EI\*DKHIVTLVVQNGNKL\*QMWLEN\*ENNMGEIKQ\*SLINPQEGTQRL\*CTVLIVGGNFSTVIPQNCLTVHGQIVLKMLISLKELSHSRAE\*NKL\*TCGRK\*ERQCMPLPSEDNLTVHQILQGCY\*QEMGVIIRRTIARPSDREEEI\*GTIGEVNYINIK\*\*ELNH\*E\*HPPRQREEWCKEKREQWEWELCSLGSWEQQEALWAQRH\*R\*RYKPDNYCLV\*CNSKTIC\*ELLRRSSICCNSQSGASNSSRQESWLWKDT\*GINSSWGFGVALENSFAPLLCLGMLLGVINXWRKFGIT\*PGWSGIERLTITHNTYTRCLKNHKTSKKRMKRNY\*NWINGQVCGIGLTYQIGCGI\*KYS\*\*\*\*EA\*\*V\*K\*LLLYFL\*\*IELGRDIHHYRFRPASQHRGDPTGPEESKKTVERETATHPADQ

>B.2012.MG197049.-

MEPIDPRLEPWNHPGSQPKTACTPCYCKKCCYHCQVCFISKGLGISYGRKKRRQRRRAHQDSPPDQAYLSKQ\*VVYVMQPLVILAIVALVVAIILAIIVWSIVFIEYRKIKKQKRIDRLIDRIAERAEDSGNESDGDQEELSALVERGHLEMGHDAPWDVNDL\*CNRRLVGHSLLWGTCVERGKDHSILCLRC\*RI\*YRGT\*YLGHTCLCTHRPQPTRNSIGKCDRKF\*RVEK\*HDRPDA\*GYNQFMG\*KPKTMCKTNPTLCYFRLQGTQ\*N\*ECYYRRRSKKLYFQYHHTRKK\*GAEAICPFL\*HGYNTNRQ\*\*\*QYHI\*IDKV\*HLSHYTGLPKDIL\*ANSHTLLCPGWFCNSKM\*Q\*DIQWKRTMHKCQHSTMHTWN\*ASSINPTTVKWQSSRRRCSNYI\*KFHGQCKNHNSTSK\*ICNN\*LYKAQQ\*YKKKYTYSTRENILCNRRHNRRYKTSTL\*H\*WYRMGTSFNKCGWKTKRTIWGK\*NNNL\*SILRRGPRDCNAQF\*L\*GGIFLL\*YLKTV\*QYMAK\*Y\*KC\*YH\*RNYHTPVQNKTNYKHVAGSRKGNVCPSHQRTT\*LFIKYYRAAINKRWGS\*SGEQ\*RDLQTGRRRYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAKRKESSGNGSFVPWVLGSSRKHYGRSVTNADGTSQTIIVWYSATAKQFAESY\*GAAAYVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHCCVLECYLE\*\*ISGGNLE\*HDLDGVG\*RD\*QLHTTHIHVA\*RITKPARKE\*KGIIGIG\*MGRFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTTIVSDPPPSTEGTRQARRNRRRRWRERQRHIQQI

>B.2012.MG197050.-

MEPIDPRLEPWNHPGSQPKTACTPCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAHQDSPPDQAYLSKQ\*VVYVMQPLVILAIVALVVAIILAIIVWSIVFIEYRKIKKQKRIDRLIDRIAERAEDSGNESDGDQEELSALVERGHLEMGHDAPWDVNDL\*CNRRLVGHSLLWGTCVERGKDHSILCLRC\*RI\*YRGT\*YLGHTCLCTHRPQPTRNSIGKCDRKF\*RVEK\*HDRPDA\*GYNQFMG\*KPKTMCKTNPTLCYFRLQGTQ\*N\*ECYYRRRSKKLYFQYHHTRKE\*GAEAICPFL\*HGYNTNRQ\*\*\*QYHI\*IDKV\*HLSHYTGLPKDIL\*ANSHTLLCPGWFCNSKM\*Q\*DIQWKRTMHKCQHSTMHTWN\*ASSINPTTVKWQSSRRRCSN\*I\*KFHGQCKNHNSTSK\*ICNN\*LYKAQQ\*YKKKYTYSTRENILCNRRHNRRYKTSTL\*H\*WYRMGTSFNKCG\*KTKRTIWGK\*NNNL\*SILRRGPRDCNAQF\*L\*GGIFLL\*YLKTV\*QYMAK\*Y\*KC\*YH\*RNYHTPVQNKTNYKHVAGSRKGNVCPSHQRTT\*LFIKYYRAAINKRWGL\*SGEQ\*RDLQTGRRRYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAKRKESSGNGSFVPWVLGSSRKHYGRSVTNADGTSQTIIVWYSATAKQFAESY\*GAAAYVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHCCVLECYLE\*\*ISGGNLE\*HDLDGVG\*RD\*QLHTTHIHVA\*RITKPARKE\*KGIIGIG\*MGRFVELV\*HIKLAVVYKNIHNNSRRLDRFKNSFYCTFYSE\*S\*AGIFTTIVSDPPPSTEGTRQARRNRRRRWRERQRHIQQI

>B.2012.MG197051.-

MEPIDPRLEPWNHPGSQPKTACTPCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRRAHQDSPPDQAYLSKQ\*VVYVMQPLVILAIVALVVAIILAIIVWSIVFIEYRKIKKQKRIDRLIDRIAERAEDSGNESDGDQEELSALVERGHLEMGHDAPWDVNDL\*CNRRLVGHSLLWGTCVERGKDHSILCLRC\*RI\*YRGT\*YLGHTCLCTHRPQPTRNSIGKCDRKF\*RVEK\*HDRPDA\*GYNQFMG\*KPKTMCKTNPTLCYFRLQGTQ\*N\*ECYYRRRSKKLYFQYHHTRKE\*GAEAICPFL\*HGYNTNRQ\*\*\*QYHI\*IDKV\*HLSHYTGLPKDIL\*ANSHTLLCPGWFCNSKM\*Q\*DIQWKRTMHKCQHSTMHTWN\*ASSINPTTVKWQSSRRRCSN\*I\*KFHGQCKNHNSTSK\*ICNN\*LYKAQQ\*YKKKYTYSTRENILCNRRHNRRYKTSTL\*H\*WYRMGTSFNKCG\*KTKRTIWGK\*NNNL\*SILRRGPRDCNAQF\*L\*GGIFLL\*YLKTV\*QYMAK\*Y\*KC\*YH\*RNYHTPVQNKTNYKHVAGSRKGNVCPSHQRTT\*LFIKYYRAAINKRWGL\*SGEQ\*RDLQTGRRRYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAKRKESSGNGSFVPWVLGSSRKHYGRSVTNADGTSQTTIVWYSATAKQFAESY\*GAAAYVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHCCVLECYLE\*\*ISGGNLE\*HDLDGVG\*RD\*QLHTTHIHVA\*RITKPARKE\*KGIIGIG\*MGRFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTTIVSDPPPSTEGTRQARRNRRRRWRERQRHIQQI

>B.2012.MG197053.-

MEPIDPRLEPWNHPGSQPKTACTPCYCKKCCYHCPVCFISKGLGISYGRKKRRQRRRAHQDSPPDQAYLSKQ\*VVYVMQPLVILAIVALVVAIILAIIVWSIVFIEYRKIKKQKRIDRLIDRIAERAEDSGNESDGDQEELSALVERGHLEMGHDAPWDVNDL\*CNRRLVGHSLLWGTCVERGKDHSILCLRC\*RI\*YRGT\*YLGHTCLCTHRPQPTRNSIGKCDRKF\*RVEK\*HDRPDA\*GYNQFMG\*KPKTMCKTNPTLCYFRLQGTQ\*N\*ECYYRRRSKKLYFQYHHTRKE\*GAEAICPFL\*HGYNTNRQ\*\*\*QYHI\*IDKV\*HLSHYTGLPKDIL\*ANSHTLLCPGWFCNSKM\*Q\*DIQWKRTMHKCQHSTMHTWN\*ASSINPTTVKWQSSRRRCSN\*I\*KFHGQCKNHNSTSK\*ICNN\*LYKAQQ\*YKKKYTYSTRENILCNRRHNRRYKTSTL\*H\*WYRMGTSFNKCGWKTKRTIWGK\*NNNL\*SILRRGPRDCNAQF\*L\*GGIFLL\*YLKTV\*QYMAK\*Y\*KC\*YH\*RNYHTPVQNKTNYKHVAGSRKGNVCPSHQRTT\*LFIKYYRAAINKRWGL\*SGEQ\*RDLQTGRRRYEGQLEK\*II\*I\*SSKS\*TIRSSTHQGKEKSGAKRKESSGNGSFVPWVLGSSRKHYGRSVTNADGTSQTIIVWYSATAKQFAESY\*GAAAYVATHSLGHQTAPGKSPGCGKIPKGSTAPGDLGLLWKTHLPHCCVLECYLE\*\*ISGGNLE\*HDLDGVG\*RD\*QLHTTHIHVA\*RITKPARKE\*KGIIGIG\*MGRFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFYCTFYSE\*S\*AGIFTTIVSDPPPSTEGTRQARRNRRRRWRERQRHIQQI

>B.2012.MG197054.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIKKGLGIYYGRKKRRQRRGAHQNSQTHQASLPEQ\*VVHVMTPIQIVAIIGLVLAGIIAIVVWSIVYIEYRKILKQKRIDRLIDRIRERAEDSGNESDGDQEELSGLMEMGHHAPWDVNDL\*CCRTIVGHSLLWGTSMERSDHHSILCIRCQRI\*NRGT\*YLGHTCLCTHRPQPTRSSIX\*CDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKTNPTLCYFKLH\*\*YYYWE\*QYYQ\*\*\*\*DGDGETRNGKLLFQCHHSHKG\*GNKRICTLL\*T\*YRTIREK\*YKLCVDTL\*HLYHYTGLSKGIL\*TNSHTLLRPSWFCDSKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTTVKWQFSRRRYND\*V\*KYRGQC\*SHNSTAE\*IHRN\*LYKTQQ\*YK\*KDIYRTRTCILCNKNYNRRHKTSTL\*P\*\*GRLA\*HFKTDS\*QIKRTL\*\*NNRV\*TILRRGPRS\*KAQF\*LWRGIFLL\*YNTAI\*\*YLE\*Y\*WA\*E\*DWRVK\*HYHTPMQNKTNYKYVAASRKSNVCPSYQWTN\*MFIKNYRATINKRW\*\*KQQ\*\*\*DLQTSRRKYEG\*LEK\*II\*I\*SGKN\*TIRNSTHQGKKNSGAKRKESSDIRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSAEGY\*GATAYVATHSLGH\*AASGKSPGCRKIPKGSTAPGDLGLLWKTHLQH\*CALEY\*LE\*QILLRNLV\*HDLDGVGERN\*QLHRHNIQLN\*TIAKPTRKE\*TRLITIK\*MGKFVELVQNNKMAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRQRQGQIRTF

>B.2012.MG197055.-

MDPVDPRLEPWKHPGSQPKTACNNCFCKKCCFHCQVCFVKKGLGISYGRKKRKQRRRAPRDSQNHQVSLSKQ\*VLHVMQFTNILVIVAFVVVTIIAIVVWTIVFLEYRKIKRQRKIDRLIKRISERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRTVVGHSLLWGTCMARSNHHSILCIRC\*II\*DRGT\*CLGYTCLCAHRPQPTRSRIEKCDRKF\*HVEK\*HGRSDA\*GYN\*FMGTKLKALCRINPTLCYFKLH\*YY\*\*HHWYY\*WYSEQWE\*Y\*YQ\*YATRGNKKLLFQYYYTHER\*DTERICTLL\*P\*YSTNR\*\*\*\*\*L\*VGKL\*HLSH\*TGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*\*NVQWNRTMYKC\*HSTMYTWN\*ASSVNSATVKWQSSRRRHCN\*I\*KPHKQC\*NHNSTSE\*ICGN\*LYKTQQQYKKKHNYRTRESILCNRRNNRKHKTSTLYS\*\*KQMGGHFTTGSYRIRKTIY\*SRKKLYTNKL\*SILRRGPRNCNAHL\*LWR\*IFLL\*YNTIV\*\*YLEKGQE\*YLE\*E\*N\*\*DK\*H\*DHTPM\*NKTNYKHVAEGRKSNVCPSH\*RKH\*MYIKYYRTNASKRWW\*\*YTGQ\*DLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNNTRSYVPWVLGNSRKHYGRSVSNADGTGQAIIVWYSAAAEQSAEGY\*GAAVYAATHSLGY\*TAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISG\*YLEKHDLDGVGKRN\*\*LYRLNIQLT\*RIAIPTRKE\*TRIIGIKYVGKFVELV\*HITMVVVYKNIHNDSRRLDRFKNSFCCACYSK\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIHKI

>B.2012.MG197056.-

MDPVDPRLEPWKHPGSQPKTACNNCFCKKCCFHCQVCFVKKGLGISYGRKKRKQRRRAPRDSQNHQVSLSKQ\*VLHVMQFTNILVIVAFVVVTIIAIVVWTIVFLEYRKIKRQRKIDRLIKRISERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRTVVGHSLLWGTCMARSNHHSILCIRC\*II\*DRDT\*CLGYTCLCAHRPQPTRSRIEKCDRKF\*HVEK\*HGRSDA\*GYN\*LMGTKLKALCRINPTLCYFKLH\*YY\*\*HHW\*\*\*WYSGQWE\*Y\*YQ\*YATRGNKKLLFQYYYTHER\*DTERICTLL\*P\*YSTNR\*\*\*\*\*L\*VGKL\*HLSH\*TGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*\*NVQWNRTMYKC\*HSTMYTWN\*ASSVNSATVKWQSSRRRHCN\*I\*KPHKQC\*NHNSTSE\*ICGN\*LYKTQQQYKKKHNYRTRESILCNRRNSRRHKTNTLYS\*\*KQMGGHFTTGSYRIRKTIY\*SRKKLYTNKL\*SILRRGPRNCNAHL\*LWR\*IFLL\*YNTIV\*\*YLEKGQK\*YLE\*E\*N\*\*DK\*H\*DHTPM\*NKTNYKHVAEGRKSNVCPSH\*RKH\*MYIKYYRTNASKRWW\*\*YTGQ\*DLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNNTRSYVPWVLGNSRKHYGRSVSDADGTGQAIIVWYSAAAEQSAEGY\*GAAAYAATHSLGY\*TAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISG\*YLEKHDLDGVGKRN\*\*LYRLNIQPT\*RIAIPTRKE\*TRIIGIKYVGKFVELV\*HITMAVVYKNIHNDSRRLDRFKNSFCCACYSK\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIHKI

>B.2012.MG197057.-

MDPVDPRLEPWKHPGSQPKTACNNCFCKKCCFHCQVCFVKKGLGISYGXKKRRQRRRAPRDSQNHQVSLSKQ\*VLHVMQLTNILVIVAFVVAIIIAIVVWTIVFLEYRKIKRQRKIDRLIKRISERAEDSGNESEGDQEELSALVEMGHDAPWDVNDL\*CYRTVVGHSLLWGTCMARSNHHSILCIRC\*II\*DRDT\*CLGYTCLCAHRPQPTRSRIEKCDRKF\*HVEK\*HGRSDA\*GYN\*FMGTKLKALCRINPTLCYFKLH\*YY\*\*HHW\*\*\*WYSGQWE\*Y\*YQ\*YATRGNKKLLFQYYYTHER\*DTERICTLL\*P\*YSTNR\*\*\*\*\*L\*VGKL\*HLSH\*TGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*\*NVQWNRTMYKC\*HSTMYTWN\*ASSVNSATVKWQSSRRRHCN\*I\*KPHKQC\*NHNSTSE\*ICGN\*LYKTQQQYKKKHNYRTRESILCNRRNNRRHKTSTLYS\*\*KQMGGHFTTGSYRIRKTIY\*SRKKLYTNKL\*SILRRGPRNCNAHL\*LWR\*IFLL\*YNTIV\*\*YLEKGQKWYLE\*E\*N\*\*DK\*H\*DHTPM\*NKTNYKHVAEGRKSNVCPSH\*RKH\*MYIKYYRTNASKRWW\*\*YTGQ\*DLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSNNTRSYVPWVLGNSRKHYGRSVSDADGTGQAIIVWYSAAAEQSAEGY\*GAAAYAATHSLGY\*TAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEY\*LE\*\*ISG\*YLEKHDLDGVGKRN\*\*LYRLNIQLT\*RIAIPTRKE\*TRIIGIKYVGKFVELV\*HITMVVVYKNIHNDSRRLDRFKNSFCCACYSK\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIHKI

>B.2012.MG197058.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIKKGLGIYYGRKKRRQRRGAHQNSQTHQASLPEQ\*VVHVMTPIQIVAIIGLVLAGIIAIVVWSIVYIEYRKILKQKRIDRLIDRIRERAEDSGNESDGDQEELSGLMEMGHHAPWDVNDL\*CCRTIVGHSLLWGTSMERSDHHSILCIRCQRI\*NRGT\*YLGHTCLCTHRPQPTRSSIG\*CDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKTNPTLCYFKLH\*\*YYYWE\*QYYQ\*\*\*\*DGDGETRNGKLLFQCHHSHKG\*GNKRICTLL\*T\*YRTIREK\*YKLCVDTL\*HLYHYTGLSKGIL\*TNSHTLLRPSWFCDSKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTTVKWQFSRRRYND\*V\*KYRGQC\*SHNSTAE\*IHRN\*LYKTQQ\*YK\*KDIYRTRTCILCNKNYNRRHKTSTL\*P\*\*GRLA\*HFKTDS\*QIKRTL\*\*NNRV\*TILRRGPRS\*KAQF\*LWRGIFLL\*YNTAI\*\*YLE\*Y\*WA\*E\*DWRVK\*HYHTPMQNKTNYKYVAASRKSNVCPSYQWTN\*MFIKNYRATINKRW\*\*KQQ\*\*\*DLQTSRRKYEG\*LEK\*II\*I\*SGKN\*TIRNSTHQGKKNSGAKRKESSDIRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSAEGY\*GATAYVATHSLGH\*AASGKSPGCRKIPKGSTAPGDLGLLWKTHLQH\*CALEY\*LE\*QILLRNLV\*HDLDGVGERN\*QLHRHNIQLN\*TIAKPTRKE\*TRLITIK\*MGKFVELVQNNKMAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRQRQGQIRTF

>B.2012.MG197059.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIKKGLGIYYGRKKRRQRRGAHQNSQTHQASLPEQ\*VVHVMTPIQIVAIIGLVLAGIIAIVVWSIVYIEYRKILKQKRIDRLIDRIRERAEDSGNESDGDQEELSGLMEMGHHAPWDVNDL\*CCRTIVGHSLLWGTSMERSDHHSILCIRCQRI\*NRGT\*YLGHTCLCTHRPQPTRSSIG\*CDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKTNPTLCYFKLH\*\*YYYWE\*QYYQ\*\*\*\*DGDGETRNGKLLFQCHHSHKG\*GNKRICTLL\*T\*YRTIREK\*YKLCVDTL\*HLYHYTGLSKGIL\*TNSHTLLRPSWFCDSKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTTVKWQFSRRRYND\*V\*KYRGQC\*SHNSTAE\*IHRN\*LYKTQQ\*YK\*KDIYRTRTCILCNKNYNRRHKTSTL\*P\*\*GRLA\*HFKTDS\*QIKRTL\*\*NNRV\*TILRRGPRS\*KAQF\*LWRGIFLL\*YNTAI\*\*YLE\*Y\*WA\*E\*DWRVK\*HYHTPMQNKTNYKYVAASRKSNVCPSYQWTN\*MFIKNYRATINKRW\*\*KQQ\*\*\*DLQTSRRKYEG\*LEK\*II\*I\*SGKN\*TIRNSTHQGKKNSGAKRKESSDIRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSAEGY\*GATAYVATHSLGH\*AASGKSPGCRKIPKGSTAPGDLGLLWKTHLQH\*CALEY\*LE\*QILLRNLV\*HDLDGVGERN\*QLHRHNIQLN\*TIAKPTRKE\*TRLITIK\*MGKFVELVQNNKMAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRQRQGQIRTF

>B.2012.MG197060.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIKKGLGIYYGRKKRRQRRGAHQNSQTHQASLPEQ\*VVHVMTPIQIVAIIGLVLAGIIAIVVWSIVYIEYRKILKQKRIDRLIDRIRERAEDSGNESDGDQEELSGLMEMGHHAPWDVNDL\*CCRTIVGHSLLWGTSMERSDYHSILCIRCQRI\*NRGT\*YLGHTCLCTHRPQPTRSSIG\*CDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKTNPTLCYFKLH\*\*YYYWE\*QYYQ\*\*\*\*DGDGETRNGKLLFQCHHSHKG\*GNKRICTLL\*T\*YRTIREK\*YKLCVDTL\*HLYHYTGLSKGIL\*TNSHTLLRPSWFCDSKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTTVKWQFSRRRYND\*V\*KYRGQC\*SHNSTAE\*IHRN\*LYKTQQ\*YK\*KDIYRTRTCILCNKNYNRRHKTSTL\*P\*\*GRLA\*HFKTDS\*QIKRTL\*\*NNRV\*TILRRGPRS\*KAQF\*LWRGIFLL\*YNTAI\*\*YLE\*Y\*WA\*E\*DWRVK\*HYHTPMQNKTNYKYVAASRKSNVCPSYQWTN\*MFIKNYRATINKRW\*\*KQQ\*\*\*DLQTSRRKYEG\*LEK\*II\*I\*SGKN\*TIRNSTHQGKKNSGAKRKESSDIRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSAEGY\*GATAYVATHSLGH\*AASGKSPGCRKIPKGSTAPGDLGLLWKTHLQH\*CALEY\*LE\*QILLRNLV\*HDLDGVGERN\*QLHRHNIQLN\*TIAKPTRKE\*TRLITIK\*MGKFVELVQNNKMAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRQRQGQIRTF

>B.2012.MG197061.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIKKGLGIYYGRKKRRQRRGAHQNSQTHQASLPEQ\*VVHVMTPIQIVAIIGLVLAGIIAIVVWSIVYIEYRKILKQKRIDRLIDRIRERAEDSGNESDGDQEELSGLMEMGHHAPWDVNDL\*CCRTIVGHSLLWGTSMERSDHHSILCIRCQRI\*NRGT\*YLGHTCLCTHRPQPTRSSIG\*CDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKTNPTLCYFKLH\*\*YYYWE\*QYYQ\*\*\*\*DGDGETRNGKLLFQCHHSHKG\*GNKRICTLL\*T\*YRTIREK\*YKLCVDTL\*HLYHYTGLSKGIL\*TNSHTLLRPSWFCDSKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTTVKWQFSRRRYND\*V\*KYRGQC\*SHNSTAE\*IHRN\*LYKTQQ\*YK\*KDIYRTRTCILCNKNYNRRHKTSTL\*P\*\*GRLA\*HFKTDS\*QIKRTL\*\*NNRV\*TILRRGPRS\*KAQF\*LWRGIFLL\*YNTAI\*\*YLE\*Y\*WA\*E\*DWRVK\*HYHTPMQNKTNYKYVAASRKSNVCPSYQWTN\*MFIKNYRATINKRW\*\*KQQ\*\*\*DLQTSRRKYEG\*LEK\*II\*I\*SGKN\*TIRNSTHQGKKNSGAKRKESSDIRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSAEGY\*GATAYVATHSLGH\*AASGKSPGCRKIPKGSTAPGDLGLLWKTHLQH\*CALEY\*LE\*QILLRNLV\*HDLDGVGERN\*QLHRHNIQLN\*TIAKPTRKE\*TRLITIK\*MGKFVELVQNNKMAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRQRQGQIRTF

>B.2012.MG197062.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIKKGLGIYYGRKKRRQRRGAHQNSQTHQASLPEQ\*VVHVMTPIQIVAIIGLVLAGIIAIVVWSIVYIEYRKILKQKRIDRLIDRIRERAEDSGNESDGDQEELSGLMEMGHHAPWDVNDL\*CCRTIVGHSLLWGTSMERSDHHSILCIRCQRI\*NRGT\*YLGHTCLCTHRPQPTRSSIG\*CDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKTNPTLCYFKLH\*\*YYYWE\*QYYQ\*\*\*\*DGDGETRNGKLLFQCHHSHKG\*GNKRICTLL\*T\*YRTIREK\*YKLCVDTL\*HLYHYTGLSKGIL\*TNSHTLLRPSWFCDSKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTTVKWQFSRRRYND\*V\*KYRGQC\*SHNSTAE\*IHRN\*LYKTQQ\*YK\*KDIYRTRTCILCNKNYNRRHKTSTL\*P\*\*GRLA\*HFKTDS\*QIKRTL\*\*NNRV\*TILRRGPRS\*KAQF\*LWRGIFLL\*YNTAI\*\*YLE\*Y\*WA\*E\*DWRVK\*HYHTPMQNKTNYKYVAASRKSNVCPSYQWTN\*MFIKNYRATINKRW\*\*KQQ\*\*\*DLQTSRRKYEG\*LEK\*II\*I\*SGKN\*TIRNSTHQGKKNSGAKRKESSDIRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSAEGY\*GATAYVATHSLGH\*AASGKSPGCRKIPKGSTAPGDLGLLWKTHLQH\*CALEY\*LE\*QILLRNLV\*HDLDGVGERN\*QLHRHNIQLN\*TIAKPTRKE\*TRLITIK\*MGKFVELVQNNKMAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRQRQGQIRTF

>B.2012.MG197063.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIKKGLGIYYGRKKRRQRRGAHQNSQTHQASLPEQ\*VVHVMTPIQIVAIIGLVLAGIIAIVVWSIVYIEYRKILKQKRIDRLIDRIRERAEDSGNESDGDQEELSGLMEMGHHAPWDVNDL\*CCRTIVGHSLLWGTSMERSDHHSILCIRCQRI\*NRGT\*YLGHTCLCTHRPQPTRSSIG\*CDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKTNPTLCYFKLH\*\*YYYWE\*QYYQ\*\*\*\*DGDGETRNGKLLFQCHHSHKG\*GNKRICTLL\*T\*YRTIREK\*YKLCVDTL\*HLYHYTGLSKGIL\*TNSHTLLRPSWFCDSKV\*\*\*DVQWNRTMHKCQHSTMYTWN\*ASSVNSTTVKWQFSRRRYND\*V\*KYRGQC\*SHNSTAE\*IHRN\*LYKTQQ\*YK\*KDIYRTRTCILCNKNYSRRHKTSTL\*P\*\*GRLA\*HFKTDS\*QIKRTL\*\*NNRV\*TILRRGPRS\*KAQF\*LWRGIFLL\*YNTAI\*\*YLE\*Y\*WA\*E\*DWRVK\*HYHTPVQNKTNYKYVAASRKSNVCPSYQWTN\*MFIKNYRATINKRW\*\*KQQ\*\*\*DLQTSRRKYEG\*LEK\*II\*I\*SGKN\*TIRNSTHQGKKNSGAKRKESSDIRSYVPWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAEQSAEGY\*GATAYVATHSLGH\*AASGKSPGCRKIPKGSTAPGDLGLLWKTHLQH\*CALEY\*LE\*QILLRNLV\*HDLDGVGERN\*QLHRHNIQLN\*TIAKPTRKE\*TRLITIK\*MGKFVELVQNNKMAVVYKNIHNDSRRLNRFKNSFYCTFYSE\*S\*AGILTIVIADPPPNPEGTRQARRNRRRRWRQRQGQIRTF

>B.2012.MG197064.-

MEPVDPSLEPWKHPGSQPKTACTACYCKACCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSKTHQVPLSKQ\*VVYVMPSLVIVSIVALIVAAILAIIVWTIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CYRKIVGHSLLWSTCVERSRHHSILCIRC\*SI\*YRGP\*CLGYICLCTHRPQSTRSRIKKCDRKF\*HVEK\*HGRSDASGYNQFMGSKPKAMCKINPTLCYFKLH\*CYCYRQ\*YYCQCQ\*RGERRNKKLLVQYHHRGKR\*DAESICNFL\*T\*YSTNRGGHKTN\*\*CWQCQSY\*LQLY\*L\*DNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*QGVQWNRIM\*KCQHSTVYTWN\*ASSINSTAIKWQPSKGRDSN\*I\*KSHGQC\*NHNSTLE\*NCRHYLCKAQQQYKKKHTYRTRENILRNRRHNRRYKKSTL\*HYCSNVE\*NFTTGSHKIK\*KI\*G\*KYNLYTTLRRGSRNCNAHF\*LWRGIFLL\*YIKTV\*QYLD\*GYLE\*YMVMGK\*N\*HHTPMQNKTDYKHVAGSRKSNVCPSHRRNN\*MCLKHYRAAINKRWW\*T\*\*YYH\*W\*CH\*L\*HHRGLQTWRGRYEGQLEK\*II\*IQSSTN\*TIRSSTH\*GKKKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKSLGCGKIPKGSTAPGNLGLFWKTHLHHYCALEY\*LE\*\*ISGADLG\*HDLDGLGKRN\*QLHKYNIQIN\*RIAKPTRKK\*TRLIGT\*\*MGQSVELV\*YNKLAVVYTNIHNDSRRIDRFKNSLCCNFCSE\*S\*AGILTIIVPDPPPSREGTRQARRNRRRRWRERQRQIQSL

>B.2012.MG197065.-

MEPVDPSLEPWKHPGSQPKTACTACYCKACCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSKTHQVPLSKQ\*VVYVMPSLVIVSIVALIVAAILAIIVWTIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CYRKIVGHSLLWSTCVERSRHHSILCIRC\*SI\*YRGP\*CLGYICLCTHRPQSTRSRIKKCDRKF\*HVEK\*HGRSDASGYNQFMGSKPKAMCKINPTLCYFKLH\*CYCYRQ\*YYCQCQ\*RGERRNKKLLVQYHHRGKR\*DAESICNFL\*T\*YSTNRGGHKTN\*\*CWQCQSY\*LQLY\*L\*DNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*QGVQWNRIM\*KCQHSTVYTWN\*ASSINSTAIKWQPSKGRDSN\*I\*KSHGQC\*NHNSTLE\*NCRHYLCKAQQQYKKKHTYRTRENILRNRRHNRRYKKSTL\*HYCSNVE\*NFTTGSHKIK\*KI\*G\*KYNLYTTLRRGSRNCNAHF\*LWRGIFLL\*YIKTV\*QYLD\*GYLE\*YMVMGK\*N\*HHTPMQNKTDYKHVAGSRKSNVCPSHRRNN\*MCLKHYRAAINKRWW\*T\*\*YYH\*W\*CH\*L\*HHRGLQTWRGRYEGQLEK\*II\*IQSSTN\*TIRSSTH\*GKKKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKSLGCGKIPKGSTAPGNLGLFWKTHLHHYCALEY\*LE\*\*ISGADLG\*HDLDGLGKRN\*QLHKYNIQIN\*RIAKPTRKK\*TRLIGT\*\*MGQSVELV\*YNKLAVVYTNIHNDSRRIDRFKNSLCCNFCSE\*S\*AGILTIIVPDPPPSREGTRQARRNRRRRWRERQRQIQSL

>B.2012.MG197066.-

MEPVDPSLEPWKHPGSQPKTACTACYCKACCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSKTHQVPLSKQ\*VVYVMPSLVIVSIVALIVAAILAIIVWTIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CYRKIVGHSLLWSTCVERSRHHSILCIRC\*SI\*YRGP\*CLGYICLCTHRPQSTRSRIKKCDRKF\*HVEK\*HGRSDASGYNQFMGSKPKAMCKINPTLCYFKLH\*CYCYRQ\*YYCQCQ\*RGERRNKKLLVQYHHRGKR\*DAESICNFL\*T\*YSTNRGGHKTN\*\*CWQCQSY\*LQLY\*L\*DNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*QGVQWNRIM\*KXQHSTVYTWN\*ASSINSTAIKWQPSKGRDSN\*I\*KSHGQC\*NHNSTLE\*NCRHYLCKAQQQYKKKHTYRTRENILRNRRHNRRYKKSTL\*HYCSNVE\*NFTTGSHKIK\*KI\*G\*KYNLYTTLRRGSRNCNAHF\*LWRGIFLL\*YIKTV\*QYLD\*GYLE\*YMVMGK\*N\*HHTPMQNKTDYKHVAGSRKSNVCPSHRRNN\*MCLKHYRAAINKRWW\*T\*\*YYH\*W\*CH\*L\*HHRGLQTWRGRYEGQLEK\*II\*IQSSTN\*TIRSSTH\*GKKKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKSLGCGKIPKGSTAPGNLGLFWKTHLHHYCALEY\*LE\*\*ISGADLG\*HDLDGLGKRN\*QLHKYNIQIN\*RIAKPTRKK\*TRLIGT\*\*MGQSVELV\*YNKLAVVYTNIHNDSRRIDRFKNSLCCNFCSE\*S\*AGILTIIVPDPPPSREGTRQARRNRRRRWRERQRQIQSL

>B.2012.MG197067.-

MEPVDPSLEPWKHPGSQPKTACTACYCKACCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSKTHQVPLSKQ\*VVYVMPSLVIVSIVALIVAAILAIIVWTIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CYRKIVGHSLLWSTCVERSRHHSILCIRC\*SI\*YRGP\*CLGYICLCTHRPQSTRSRIKKCDRKF\*HVEK\*HGRSDASGYNQFMGSKPKAMCKINPTLCYFKLH\*CYCYRQ\*YYCQCQ\*RGERRNKKLLVQYHHRGKR\*DAESICNFL\*T\*YSTNRGGHKTN\*\*CWQCQSY\*LQLY\*L\*DNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*QGVQWNRIM\*KCQHSTVYTWN\*ASSINSTAIKWQPSKGRDSN\*I\*KSHGQC\*NHNSTLE\*NCRHYLCKAQQQYKKKHTYRTRENILRNRRHNRRYKKSTL\*HYCSNVE\*NFTTGSHKIK\*KI\*G\*KYNLYTTLRRGSRNCNAHF\*LWRGIFLL\*YIKTVQQYLD\*GYLE\*YMVMGK\*N\*HHTPMQNKTDYKHVAGSRKSNVCPSHRRNN\*MCLKHYRAAINKRWW\*T\*\*YYH\*W\*CH\*L\*HHRGLQTWRGRYEGQLEK\*II\*IQSSTN\*TIRSSTH\*GKKKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKSLGCGKIPKGSTAPGNLGLFWKTHLHHYCALEY\*LE\*\*ISGADLG\*HDLDGLGKRN\*QLHKYNIQIN\*RIAKPTRKK\*TRLIGT\*\*MGQSVELV\*YNKLAVVYTNIHNDSRRIDRFKNSLCCNFGSE\*S\*AGILTIIVPDPPPSREGTRQARRNRRRRWRERQRQIQSL

>B.2012.MG197068.-

MEPVDPSLEPWKHPGSQPKTACTACYCKACCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSKTHQVPLSKQ\*VVYVMPSLVIVSIVALIVAAILAIIVWTIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CYRKIVGHSLLWSTCVERSRHHSILCIRC\*SI\*YRGP\*CLGYICLCTHRPQSTRSRIKKCDRKF\*HVEK\*HGRSDASGYNQFMGSKPKAMCKINPTLCYFKLH\*CYCYRQ\*YYCQCQ\*RGERRNKKLLVQYHHRGKR\*DAESICNFL\*T\*YSTNRGGHKTN\*\*CWQCQSY\*LQLY\*L\*DNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*QGVQWNRIM\*KCQHSTVYTWN\*ASSINSTAIKWQPSKGRDSN\*I\*KSHGQC\*NHNSTLE\*NCRHYLCKAQQQYKKKHTYRTRENILRNRRHNRRYKKSTL\*HYCSNVE\*NFTTGSHKIK\*KI\*G\*KYNLYTTLRRGSRNCNAHF\*LWRGIFLL\*YIKTV\*QYLD\*GYLE\*YMVMGK\*N\*HHTPMQNKTDYKHVAGSRKSNVCPSHRRNN\*MCLKHYRAAINKRWW\*T\*\*YYH\*W\*CH\*L\*HHRGLQTWRGRYEGQLEK\*II\*IQSSTN\*TIRSSTH\*GKKKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKSLGCGKIPKGSTAPGNLGLFWKTHLHHYCALEY\*LE\*\*ISGADLG\*HDLDGLGKRN\*QLHKYNIQIN\*RIAKPTRKK\*TRLIGT\*\*MGQSVELV\*YNKLAVVYTNIHNDSRRIDRFKNSLCCNFCSE\*S\*AGILTIIVPDPPPSREGTRQARRNRRRRWRERQRQIQSL

>B.2012.MG197069.-

MEPVDPSLEPWKHPGSQPKTACTACYCKACCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSKTHQVPLSKQ\*VVYVMPSLVIVSIVALIVAAILAIIVWTIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CYRKIVGHSLLWSTCVERSRHHSILCIRC\*SI\*YRGP\*CLGYICLCTHRPQSTRSRIKKCDRKF\*HVEK\*HGRSDASGYNQFMGSKPKAMCKINPTLCYFKLH\*CYCYRQ\*YYCQCQ\*RGERRNKKLLVQYHHRGKR\*DAESICNFL\*T\*YSTNRGGHKTN\*\*CWQCQSY\*LQLY\*L\*DNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*QGVQWNRIM\*KCQHSTVYTWN\*ASSINSTAIKWQPSKGRDSN\*I\*KSHGQC\*NHNSTLE\*NCRHYLCKAQQQYKKKHTYRTRENILRNRRHNRRYKKSTL\*XYCSNVE\*NFTTGSHKIK\*KI\*G\*KYNLYTTLRRGSRNCNAHF\*LWRGIFLL\*YIKTV\*QYLD\*GYLE\*YMVMGK\*N\*HHTPMQNKTDYKHVAGSRKSNVCPSHRRNN\*MCLKHYRAAINKRWW\*T\*\*YYH\*W\*CH\*L\*HHRGLQTWRGRYEGQLEK\*II\*IQSSTN\*TIRSSTH\*GKKKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKSLGCGKIPKGSTAPGNLGLFWKTHLHHYCALEY\*LE\*\*ISGADLG\*HDLDGLGKRN\*QLHKYNIQIN\*RIAKPTRKK\*TRLIGT\*\*MGQSVELV\*YNKLAVVYTNIHNDSRRIDRFKNSLCCNFCSE\*S\*AGILTIIVPDPPPSREGTRQARRNRRRRWRERQRQIQSL

>B.2012.MG197070.-

MEPVDPSLEPWKHPGSQPKTACTACYCKACCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSKTHQVPLSKQ\*VVYVMPSLVIVSIVALIVAAILAIIVWTIVFIEYRKILRQRKIDRLTDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CYRKIVGHSLLWSTCVERSRHHSILCIRC\*SI\*YRGP\*CLGYICLCTHRPQSTRSRIKKCDRKF\*HVEK\*HGRSDASGYNQFMGSKPKAMCKINPTLCYFKLH\*CYCYRQ\*YYCQCQ\*RGERRNKKLLVQYHHRGKR\*DAESICNFL\*T\*YSTNRGGHKTN\*\*CWQCQSY\*LQLY\*L\*DNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*QGVQWNRIM\*KCQHSTVYTWN\*ASSINSTAIKWQPSKGRDSN\*I\*KSHGQC\*NHNSTLE\*NCRHYLCKAQQQYKKKHTYRTRENILRNRRHNRRYKKSTL\*HYCSNVE\*NFTTGSHKIK\*KI\*G\*KYNLYTTLRRGSRNCNAHF\*LWRGIFLL\*YIKTV\*QYLD\*GYLE\*YMVMGK\*N\*HHTPMQNKTDYKHVAGSRKSNVCPSHRRNN\*MCLKHYRAAINKRWW\*T\*\*YYH\*W\*CH\*L\*HHRGLQTWRGRYEGQLEK\*II\*IQSSTN\*TIRSSTH\*GKKKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKSLGCGKIPKGSTAPGNLGLFWKTHLHHYCALEY\*LE\*\*ISGADLG\*HDLDGLGKRN\*QLHKYNIQIN\*RIAKPTRKK\*TRLIGT\*\*MGQSVELV\*YNKLAVVYTNIHNDSRRIDRFKNSLCCNFCSE\*S\*AGILTIIVPDPPPSREGTRQARRNRRRRWRERQRQIQSL

>B.2012.MG197071.-

MEPVDPSLEPWKHPGSQPKTACTACYCKACCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSKTHQVPLSKQ\*VVYVMPSLVIVSIVALIVAAILAIIVWTIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CYRKIVGHSLLWSTCVERSRHHSILCIRC\*SI\*YRGP\*CLGYICLCTHRPQSTRSRIKKCDRKF\*HVEK\*HGRSDASGYNQFMGSKPKAMCKINPTLCYFKLH\*CYCYRQ\*YYCQCQ\*RGERRNKKLLVQYHHRGKR\*DAESICNFL\*T\*YSTNRGGHKTN\*\*CWQCQSY\*LQLY\*L\*DNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*QGVQWNRIM\*KCQHSTVYTWN\*ASSINSTAIKWQPSKGRDSN\*I\*KSHGQC\*NHNSTLE\*NCRHYLCKAQQQYKKKHTYRTRENILRNRRHNRRYKKSTL\*HYCSNVE\*NFTTGSHKIK\*KI\*G\*KYNLYTTLRRGSRNCNAHF\*LWRGIFLL\*YIKTV\*QYLD\*GYLE\*YMVMGK\*N\*HHTPMQNKTDYKHVAGSRKSNVCPSHRRNN\*MCLKHYRAAINKRWW\*T\*\*YYH\*W\*CH\*L\*HHRGLQTWRGRYEGQLEK\*II\*IQSSTN\*TIRSSTH\*GKKKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATTSVATHSLGH\*AAPGKSLGCGKIPKGSTAPGNLGLFWKTHLHHYCALEY\*LE\*\*ISGADLG\*HDLDGLGKRN\*QLHKYNIQIN\*RIAKPTRKK\*TRLIGT\*\*MGQSVELV\*YNKLAVVYTNIHNDSRRIDRFKNSLCCNFCSE\*S\*AGILTIIVPDPPPSREGTRQARRNRRRRWRERQRQIQSL

>B.2012.MG197072.-

MEPVDPSLEPWKHPGSQPKTACTACYCKACCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSKTHQVPLSKQ\*VVYVMPSLEIISIVALVVAAILAIIVWTIVFIEYRKILKQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CYRKIVGHSLLWSTCVEGSKHHSILCIRC\*SICYRST\*CLGHTCLCTHRPQSTRSRIKKCDRKF\*HVEK\*HGRSDASGYNQFMGSKPKAMCKINPTLCYFKLH\*CYCYYYQ\*YY\*QYCCSRPN\*YHSE\*RGERRNKKLLVQYHLRDKR\*SAERICNFL\*T\*YSTNGK\*N\*QQ\*L\*DDKL\*RLSHYSSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRIMYKCQHSTMYTWN\*ASSINSTAVKWQCSRRGYSN\*I\*KSHEQC\*NHNSTLECNCKHYLCKTQQQYKKRYTYRTRENILHNRRHNRRYKRSTL\*HYCSNVE\*NFTTGSHKIK\*KI\*G\*KYNLYTTLRRGSRNCNAHFQLWRGIFLL\*YIKTV\*QYLD\*WYLE\*YMVMVK\*N\*HHTPMQNKTNYKHVAGSRKSNVCPSHQRSN\*MCIKHYRAAINKRWW\*I\*KYYH\*W\*CHQLQHH\*GLQTWRGRYEGQLEK\*II\*IQSSTN\*TIRSSTH\*GKKKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSLGCGKIPKGSTAPGNLGLFWKTHLHHYCALEY\*LE\*\*ISESDLG\*HDLDGLGKRN\*QLHR\*NIQIN\*RIAKPTRKE\*TRLIGT\*\*MGKSVELV\*HNKLAVVYTNIYNDSRRLDRFKNSLCYNFCSE\*S\*AGILTIIVPDPPPSREGTRQARRNRRRRWRERQRQIQSL

>B.2012.MG197073.-

MEPVDPSLEPWKHPGSQPKTACTACYCKACCFHCQVCFTTKGLGISYGRKKRRQRRRAHQDSKTHQVPLSKQ\*VVYVMPSLEIISIVALVVAAILAIIVWTIVFIEYRKILKQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVNDL\*CYRKIVGHSLLWSTCVEGSKHHSILCIRC\*SICYRST\*CLGHTCLCTHRPQSTRSRIKKCDRKF\*HVEK\*HGRSDASGYNQFMGSKPKAMCKINPTLCYFKLH\*CYCYYYQ\*YY\*QYCCSRPN\*YHSE\*RGERRNKKLLVQYHLRDKR\*SAERICNFL\*T\*YSTNGK\*N\*QQ\*L\*DDKL\*RLSHYSSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRIMYKCQHSTMYTWN\*ASSINSTAVKWQCSRRGYSN\*I\*KSHEQC\*NHNSTLECNCEHYLCKTQQQYKKRYTYRTRENILHNRRHNRRYKRSTL\*HYCSNVE\*NFTTGSHKIK\*KI\*G\*KYNLYTTLRRGSRNCNAHFQLWRGIFLL\*YIKTV\*QYLD\*WYLE\*YMVMVK\*N\*HHTPMQNKTNYKHVAGSRKSNVCPSHQRSN\*MCIKHYRAAINKRWW\*I\*KYYH\*W\*CHQLQHH\*GLQTWRGRYEGQLEK\*II\*IQSSTN\*TIRSSTH\*GKKKSGAERKKSSGTRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGH\*AAPGKSLGCGKIPKGSTAPGNLGLFWKTHLHHYCALEY\*LE\*\*ISESDLG\*HDLDGLGKRN\*QLHR\*NIQIN\*RIAKPTRKE\*TRLIGT\*\*MGKSVELV\*HNKLAVVYTNIYNDSRRLDRFKNSLCYNFCSE\*S\*AGILTIIVPDPPPSREGTRQARRNRRRRWRERQRQIQSL

>B.2012.MG197074.-

MDPVDPKLEPWEHPGSQPKTACTNCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQADQAPLSKQ\*VTYVMQSLYILAIVALVVAIILAIIVWSIVFIEYRKILRQRKIDKLLARISERAEDSGNESDGDQEELSALVEMGHHAEMGHLAPWNVDDM\*CNRTIVGHSLLWGTCVERSRHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCNRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKTNPTLCYFKLH\*FE\*DH\*C\*QGNRNEKLFFQYHHKYKR\*GGRLCTFL\*T\*CSTNR\*WYQV\*VDKL\*YLSHHTGLSKDIL\*TNSHTLLCPGWFCNSKV\*\*\*EVQWDRTM\*KCQHSTMYTWN\*ASSINSTAVKW\*SSRRTGSN\*I\*KFLEQC\*NHNSTAE\*ICRN\*LYKTQQ\*YKKKYTSRTRKSSLRNKRNGNNRRYKTSTL\*H\*\*SKME\*HFRKDS\*KIKRTT\*EYNNNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTPV\*\*\*LE\*\*\*\*YQCNKWS\*KR\*HNHTPLQNKANYKHVAKSRESNVCPSH\*RTN\*MLIKHHRSAINKRRW\*HNWDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSTRIRSNVPWVLGSSRKHYGRSVNDADGTGQAIVVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*ISVRDLGEHDLDGVGKRN\*QLHK\*NIHLN\*KIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRGLGRLKNSFYCIVYSK\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIRQI

>B.2012.MG197075.-

MDPVDPKLEPWEHPGSQPKTACTNCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDGQADQAPLSKQ\*VTYVMQSLYILAIVALVVAIILAIIVWSIVFIEYRKILRQRKIDKLLARISERAEDSGNESDGDQEELSALVEMGHHAEMGHLAPWNVDDM\*CNRTIVGHSLLWGTCVERSRHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCNRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKTNPTLCYFKLH\*FE\*DH\*C\*QGNRNEKLFFQYHHKYKR\*GGRLCTFL\*T\*CSTNR\*WYQV\*VDKL\*YLSHHTGLSKDIL\*TNSHTLLCPGWFCNSKV\*\*\*EVQWDRTM\*KCQHSTMYTWN\*ASSINSTAVKW\*SSRRTGSN\*I\*KFLEQC\*NHNSTAE\*ICRN\*LYKTQQ\*YKKSIHLGPGKAVYATREMEIIGDIRQAHCNISKVKWNNTLEKIVKKLKEQLESTTTIVFNHSSGGDPEIVMHSFNCGGEFFYCNTTPLFNSSWSNSNSTNATSGPEKDDTIILHCRIKQIINMWQKVGKAMYAPPIRGQIRCSSNITGLLLTRDGGNTTGTETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRALGFGAMFLGFLAAAGSTMGAASMTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNTSWSNKSQSEIWGNMTWMEWEKGIDNYTSEIYTLIEKSQNQQEKNEQELLALDKWASLWNWFDITNWLWYIKIFIMIVGGLVGLRIVFTVLSIVNRVRQGYSPLSFQTRFPAPRGPDRPEGTEEEGGERDRDRSDRL

>B.2012.MG197076.-

MDPVDPKLEPWEHPGSQPKTACTNCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQADQAPLSKQ\*VTYVMQSLYILAIVALVVAIILAIIVWSIVFIEYRKILRQRKIDKLLARISERAEDSGNESDGDQEELSALVEMGHHAEMGHLAPWNVDDM\*CNRTIVGHSLLWGTCVERSRHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCNRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKTNPTLCYFKLH\*FE\*DH\*C\*QGNRNEKLFFQYHHKYKR\*GGRLCTFL\*T\*CSTNR\*WYQV\*VDKL\*YLSHHTGLSKDIL\*TNSHTLLCPGWFCNSKV\*\*\*EVQWDRTM\*KCQHSTMYTWN\*ASSINSTAVKW\*SSRRTGSN\*I\*KFLEQC\*NHNSTAE\*ICRN\*LYKTQQ\*YKKKYTSRTRKSSLRNKRNGNNRRYKTSTL\*H\*\*SKME\*HFRKDS\*KIKRTT\*EYNNNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTPV\*\*\*LE\*\*\*\*YQCNKWS\*KR\*HNHTPLQNKANYKHVAKSRESNVCPSH\*RTN\*MLIKHHRSAINKRRW\*HNWDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TSRSSTHQGKEKSGAERKKSTRIRSNVPWVLGSSRKHYGRSVNDADGTGQAIVVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*ISVRDLGEHDLDGVGKRN\*QLHK\*NIHLN\*KIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRGLGRLKNSFYCIVYSK\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIRQI

>B.2012.MG197077.-

MDPVDPKLEPWEHPGSQPKTACTNCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQADQAPLSKQ\*VTYVMQSLYILAIVALVVAIILAIIVWSIVFIEYRKILRQRKIDKLLARISERAEDSGNESDGDQEELSALVEMGHHAEMGHLAPWNVDDM\*CNRTIVGHSLLWGTCVERSRHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCNRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKTNPTLCYFKLH\*FE\*DH\*C\*QGNRNEKLFFQYHHKYKR\*GGRLCTFL\*T\*CSTNR\*WYQV\*VDKL\*YLSHHTGLSKDIL\*TNSHTLLCPGWFCNSKV\*\*\*EVQWDRTM\*KCQHSTMYTWN\*ASSINSTAVKW\*SSRRTGSN\*I\*KFLEQC\*NHNSTAE\*ICRN\*LYKTQQ\*YKKKYTSRTRKSSLRNKRNGNNRRYKTSTL\*H\*\*SKME\*HFRKDS\*KIKRTT\*EYNNNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTPV\*\*\*LE\*\*\*\*YQCNKWS\*KR\*HNHTPLQNKANYKHVAKSRESNVCPSH\*RTN\*MLIKHHRSAINKRRW\*HNWDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRXSTHQGKEKSGAERKKSTRIRSNVPWVLGSSRKHYGRSVNDADGTGQAIVVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*ISVRDLGEHDLDGVGKRN\*QLHK\*NIHLN\*KIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRGLGRLKNSFYCIVYSK\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIRQI

>B.2012.MG197078.-

MDPVDPKLEPWEHPGSQPKTACTNCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQADQAPLSKQ\*VTYVMQSLYILAIVALVVAIILAIIVWSIVFIEYRKILRQRKIDKLLARISERAEDSGNESDGDQEELSALVEMGHHAEMGHLAPWNVDDM\*CNRTIVGHSLLWGTCVERSRHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCNRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKTNPTLCYFKLH\*FE\*DH\*C\*QGNRNEKLFFQYHHKYKR\*DGRLCTFL\*T\*CSTNR\*WYQV\*VDKL\*YLSHHTGLSKDIL\*TNSHTLLCPGWFCNSKV\*\*\*EVQWDRTM\*KCQHSTMYTWN\*ASSINSTAVKW\*SSRRTGSN\*I\*KFLEQC\*NHNSTAE\*ICRN\*LYKTQQ\*YKKKYTSRTRKSSLRNKRNGNNRRYKTSTL\*H\*\*SKME\*HFRKDS\*KIKRTT\*EYNNNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTPV\*\*\*LE\*\*\*\*YQCNKWS\*KR\*HNHTPLQNKANYKHVAKSRESNVCPSH\*RTN\*MLIKHHRSAINKRRW\*HNWDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSTRIRSNVPWVLGSSRKHYGRSVNDADGTGQAIVVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*ISVRDLGEHDLDGVGKRN\*QLHK\*NIHLN\*KIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRGLGRLKNSFYCIVYSK\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIRQI

>B.2012.MG197079.-

MDPVDPKLEPWEHPGSQPKTACTNCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQADQAPLSKQ\*VTYVMQSLYILAIVALVVAIILAIIVWSIVFIEYRKILRQRKIDKLLARISERAEDSGNESDGDQEELSALVEMGHHAEMGHLAPWNVDDM\*CNRTIVGHSLLWGTCVERSRHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCNRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKTNPTLCYFKLH\*FE\*DH\*C\*QGNRNEKLFFQYHHKYKR\*GGRLCTFL\*T\*CSTNR\*WYQV\*VDKL\*YLSHHTGLSKDIL\*TNSHTLLCPGWFCNSKV\*\*\*EVQWDRTM\*KCQHSTMYTWN\*ASSINSTAVKW\*SSRRTGSN\*I\*KFLEQC\*NHNSTAE\*ICRN\*LYKTQQ\*YKKKYTSRTRKSSLRNKRNGNNRRYKTSTL\*H\*\*SKME\*HFRKDS\*KIKRTT\*EYNNNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTPV\*\*\*LE\*\*\*\*YQCNKWS\*KR\*HNHTPLQNKANYKHVAKSRESNVCPSH\*RTN\*MLIKHHRSAINKRRW\*HNWDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSTRIRSNVPWVLGSSRKHYGRSVNDADGTGQAIVVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*ISVRDLGEHDLDGVGKRN\*QLHK\*NIHLN\*KIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRGLGRLKNSFYCIVYSK\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIRQI

>B.2012.MG197080.-

MDPVDPKLEPWEHPGSQPKTACTNCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQADQAPLSKQ\*VTYVMQSLYILAIVALVVAIILAIIVWSIVFIEYRKILRQRKIDKLLARISERAEDSGNESDGDQEELSALVEMGHHAEMGHLAPWNVDDM\*CNRTIVGHSLLWGTCVERSRHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCNRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKTNPTLCYFKLH\*FE\*DH\*C\*QGNRNEKLFFQYHHKYKR\*GGRLCTFL\*T\*CSTNR\*WYQV\*VDKL\*YLSHHTGLSKDIL\*TNSHTLLCPGWFCNSKV\*\*\*EVQWDRTM\*KCQHSTMYTWN\*ASSINSTAVKW\*SSRRTGSN\*I\*KFLEQC\*NHNSTAE\*ICRN\*LYKTQQ\*YKKKYTSRTRKSSLRNKRNGNNRRYKTSTL\*H\*\*SKME\*HFRKDS\*KIKRTT\*EYNNNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTPV\*\*\*LE\*\*\*\*YQCNKWS\*KR\*HNHTPLQNKANYKHVAKSRESNVCPSH\*RTN\*MLIKHHRSAINKRRW\*HNWDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSTRIRSNVPWVLGSSRKHYGRSVNDADGTGQAIVVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*ISVRDLGEHDLDGVGKRN\*QLHK\*NIHLN\*KIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRGLGRLKNSFYCIVYSK\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIRQI

>B.2012.MG197081.-

MDPVDPKLEPWEHPGSQPKTACTNCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQADQAPLSKQ\*VTYVMQSLYILAIVALVVAIILAIIVWSIVFIEYRKILRQRKIDKLLARISERAEDSGNESDGDQEELSALVEMGHHAEMGHLAPWNVDDM\*CNRTIVGHSLLWGTCVERSRHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCNRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKTNPTLCYFKLH\*FE\*DH\*C\*QGNRNEKLFFQYHHKYKR\*GGRLCTFL\*T\*CSTNR\*WYQV\*VDKL\*YLSHHTGLSKDIL\*TNSHTLLCPGWFCNSKV\*\*\*EVQWDRTM\*KCQHSTMYTWN\*ASSINSTAVKW\*SSRRTGSN\*I\*KFPEQC\*NHNSTAE\*ICRN\*LYKTQQ\*YKKKYTSRTRKSSLRNKRNGNNRRYKTSTL\*H\*\*SKME\*HFRKDS\*KIKRTT\*EYNNNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTPV\*\*\*LE\*\*\*\*YQCNKWS\*KR\*HNHTPLQNKANYKHVAKSRESNVCPSH\*RTN\*MLIKHHRSAINKRRW\*HNWDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSTRIRSNVPWVLGSSRKHYGRSVNDADGTGQAIVVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*ISVRDLGEHDLDGVGKRN\*QLHK\*NIHLN\*KIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRGLGRLKNSFYCIVYSK\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIRQI

>B.2012.MG197082.-

MDPVDPKLEPWEHPGSQPKTACTNCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQADQAPLSKQ\*VTYVMQSLYILAIVALVVAIILAIIVWSIVFIEYRKILRQRKIDKLLARISERAEDSGNESDGDQEELSALVEMGHHAEMGHLAPWNVDDM\*CNRTIVGHSLLWGTCVERSRHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCNRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKTNPTLCYFKLH\*FE\*DH\*C\*QGNRNEKLFFQYHHKYKR\*GGRLCTFL\*T\*CSTNR\*WYQV\*VDKL\*YLSHHTGLSKDIL\*TNSHTLLCPGWFCNSKV\*\*\*EVQWDRTM\*KCQHSTMYTWN\*ASSINSTAVKW\*SSRRTGSN\*I\*KFLEQC\*NHNSTAE\*ICRN\*LYKTQQ\*YKKKYTSRTRKSSLRNKRNGNNRRYKTSTL\*H\*\*SKME\*HFRKDS\*KIKRTT\*EYNNNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTPV\*\*\*LE\*\*\*\*YQCNKWS\*KR\*HNHTPLQNKANYKHVAKSRESNVCPSH\*RTN\*MLIKHHRSAINKRRW\*HNWDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSTRIRSNVPWVLGSSRKHYGRSVNDADGTGQAIVVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*ISVRDLGEHDLDGVGKRN\*QLHK\*NIHLN\*KIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRGLGRLKNSFYCIVYSK\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIRQI

>B.2012.MG197083.-

MDPVDPKLEPWEHPGSQPKTACTNCYCKQCCFHCQVCFITKGLGISYGRKKRRQRRRSPQDSQADQAPLSKQ\*VTYVMQSLYILAIVALVVAIILAIIVWSIVFIEYRKILRQRKIDKLLARISERAEDSGNESDGDQEELSALVEMGHHAEMGHLAPWNVDDM\*CNRTIVGHSLLWGTCVERSRHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCNRKL\*HVEK\*HGRTDA\*RYNQFMGSKPKAMCKTNPTLCYFKLH\*FE\*DH\*C\*QGNRNEKLFFQYHHKYKR\*GGRLCTFL\*T\*CSTNR\*WYQV\*VDKL\*YLSHHTGLSKDIL\*TNSHTLLCPGWFCNSKV\*\*\*EVQWDRTM\*KCQHSTMYTWN\*ASSINSTAVKW\*SSRRTGSN\*I\*KFLEQC\*NHNSTAE\*ICRN\*LYKTQQ\*YKKKYTSRTRKSSLRNKRNGNNRRYKTSTL\*H\*\*SKME\*HFRKDS\*KIKRTT\*EYNNNSL\*SLLRRGPRNCNAQF\*LWRGIFLL\*YNTPV\*\*\*LE\*\*\*\*YQCNKWS\*KR\*HNHTPLQNKANYKHVAKSRESNVCPSH\*RTN\*MLIKHHRSAINKRRW\*HNWDRDLQTWRRRYEEQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSTRIRSNVPWVLGSSRKHYGRSVNDADGTGQAIVVWYSATAEQSAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHH\*CALEY\*LE\*\*ISVRDLGEHDLDGVGKRN\*QLHK\*NIHLN\*KIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRGLGRLKNSFYCIVYSK\*S\*AGILTIVISDPLPSPEGTRQARRNRRRRWRERQRQIRQI

>B.2011.MG197084.-

MEPVDPNLEPWKHPGSQPKTACNNCFCKKCSFHCQVCFMKKGLGISYGRKKRRQRRRAPPDSETHQGSLSKQ\*VL\*VMQPLVIVSIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEEISALVGMGHLAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHVILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQSTRNSIGKCDRRL\*HVEQ\*HGRTDA\*RYNQLMGSKPKAMCKINPTLCYFKLH\*CYL\*QWY\*WHCY\*\*QWY\*\*QCY\*\*YQGRTKKLLFQCYHRNKR\*GEERICTVL\*TRYSTNRR\*\*\*\*L\*L\*VNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRSMYKCQHSTMYTWT\*ASSIHSIAVKWQFSRRRDST\*ICQFLKQC\*NYNSTPKSICTN\*LYKTRQQYKKKYTDRTRQSILCNRRYNRRYKTSTLYT\*WNTMESNFKAGSYKIKRTIWG\*\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*YNKTI\*\*YLECYLERGK\*HWRE\*HNHPPVQDKTNYKHVAGSRKSNVCPSHQRKY\*LLIKYYWIAINKRWW\*R\*EHHRDLSTWRRRYEGQLEK\*II\*I\*SSTS\*TIRNSTYQGKKKSGAERKKSSGNRSSVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAHGNLGLLWKTHLHHYCALEY\*LE\*\*VL\*\*DLG\*HDLDAVGKRN\*\*LHKLNIQLN\*RIAKPTRKK\*TRFISIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAFHSE\*S\*AGILTIIVSDPPPSQEGTRRARRNRRKRWRERQRQIQSI

>B.2011.MG197086.-

MEPVDPNLEPWKHPGSQPKTACNNCFCKKCSFHCQVCFMKKGLGISYGRKKRRQRRRAPPDSETHQGSLSKQ\*VL\*VMQPLVIVSIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEEISALVGMGHLAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHVILCIRC\*GI\*SRGT\*CLGHTCLCTHRPQSTRNSIGKCDRRL\*HVEQ\*HGRTDA\*RYNQLMGSKPKAMCKINPTLCYFKLH\*CYL\*QWY\*WHCY\*\*QWY\*\*QCY\*\*YQGRTKKLLFQCYHRNKR\*GEERICTVL\*T\*YSTNRR\*\*\*\*L\*L\*VNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRSMYKCQHSTMYTWT\*ASSIHSIAVKWQFSRRRDST\*ICQFLKQC\*NYNSTPKSICTN\*LYKTRQQYKKKYTDRTRQSILCNRRYNRRYKTSTLYT\*WNTMESNFKAGSYKIKRTIWG\*\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*YNKTI\*\*YLECYLERGK\*HWKE\*HNHPPVQDKTNYKHVAGSRKSNVCPSHQRKY\*LLIKYYWIAINKRWW\*R\*EHHRDLSTWRRRYEGQLEK\*II\*I\*SSTS\*TIRNSTYQGKKKSGAERKKSSGNRSSVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAHGNLGLLWKTHLHHYCALEY\*LE\*\*VL\*\*DLG\*HDLDAVGKRN\*\*LHKLNIQLN\*RIAKPTRKK\*TRFISIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAFHSE\*S\*AGILTIIVSDPPPSQEGTRRARRNRRRRWRERQRQIQSI

>B.2011.MG197087.-

MEPVDPNLEPWKHPGSQPKTACNNCFCKKCSFHCQVCFMKKGLGISYGRKKRRQRRRAPPDSETHQGSLSKQ\*VL\*VMQPLVIVSIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEEISALVGMGHLAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHVILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQSTRNSIGKCDRRL\*HVEQ\*HGRTDA\*RYNQLMGSKPKAMCKINPTLCYFKLH\*CYL\*QWY\*WHCY\*\*QWY\*\*QCY\*\*YQGRTKKLLFQCYHRNKR\*GEERICTVL\*T\*YSTNRR\*\*\*\*L\*L\*VNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRSMYKCQHSTMYTWT\*ASSIHSIAVKWQFSRRRDST\*ICQFLKQC\*NYNSTPKSICTN\*LYKTRQQYKKKYTDRTRQSILCNRRYNRRYKTSTLYT\*WNTMESNFKAGSYKIKRTIWG\*\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*YNKTI\*\*YLECYLERGK\*HWRE\*HNHPPVQDKTNYKHVAGSRKSNVCPSHQRKY\*LLIKYYWIAINKRWW\*R\*EHHRDLSTWRRRYEGQLEK\*II\*I\*SSTS\*TIRNSTYQGKKKSGAERKKSSGNRSSVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAHGNLGLLWKTHLHHYCALEY\*LE\*\*VL\*\*DLG\*HDLDAVGKRN\*\*LHKLNIQLN\*RIAKPTRKK\*TRFISIR\*VGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAFHSE\*S\*AGILTIIVSDPPPSQEGTRRARRNRRRRWRERQRQIQSI

>B.2011.MG197088.-

MEPVDPNLEPWKHPGSQPKTACNNCFCKKCSFHCQVCFMKKGLGISYGXKKRRQRRRAPPDSETHQGSLSKQ\*VLYVMQPLAIVSIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEEISALVGMGHLAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHFILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQSTRNSIGKCDRRL\*HVEQ\*HGRTDA\*RYNQLMGSKPKAMCKINPTLCYFKLH\*CYL\*QWY\*WHCY\*\*H\*\*QCY\*WYQGRTKKLLFQCYHRNKR\*GEEXICTVL\*T\*YSTNRR\*\*\*\*L\*L\*VNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRSM\*KCQHSTMYTWN\*ASGIHSIAVKWQSSRRRDST\*ICQFLEQC\*NYNSTPESICTN\*LYKTRQQYKKKYTDRTRQSILCNRRYNRRYKTSTLYT\*WNTMESNFKAGSYKIKRTIWG\*\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*YNKTI\*\*YLECYLERGK\*HWRE\*HNHPPMQDKTNYKHVAGSRKSNVCPSHQRKY\*LLIKYYWIAINKRWW\*R\*ERHRDL\*TWRRRYEGQLEK\*II\*I\*SSTS\*TIRNSTYQGKKKSGAERKKSSGNRSSVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAHGNLGLLWKTHLHHYCALEY\*LE\*\*VL\*\*NLG\*HDLDAVGKRN\*\*LHRLNIQLN\*RIAKPTRKE\*TRFIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFHSE\*S\*AGILTTLVSDPPPSQEGTRRARRNRRRRWRERQRQIQSI

>B.2011.MG197089.-

MEPVDPNLEPWKHPGSQPKTACNNCFCKKCSFHCQVCFMKKGLGISYGRKKRRQRRRAPPDSETHQGSLSKQ\*VL\*VMQPLVIVSIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEEISALVGMGHLAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHVILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQSTRNSIGKCDRRL\*HVEQ\*HGRTDA\*RYNQLMGSKPKAMCKINPTLCYFKLH\*CYL\*QWY\*WHCY\*\*QWY\*\*QCY\*\*YQGRTKKLLFQCYHRNKR\*GEERICTVL\*T\*YSTNRR\*\*\*\*L\*L\*VNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRSM\*KCQHSTMYTWN\*ASSIHSIAVKWQFSRRRDST\*ICQFLKQC\*NYNSTPKSICTN\*LYKTRQQYKKKYTDRTRQSILCNRRYNRRYKTSTLYT\*WNTMESNFKAGSYKIKRTIWG\*\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*YNKTI\*\*YLECYLERGK\*HWRE\*HNHPPMQDKTNYKHVAGSRKSNVCPSHQRKY\*LLIKYYWIAINKRWW\*R\*ERHRDL\*TWRRRYEGQLEK\*II\*I\*SSTS\*TIRNSTYQGKKKSGAERKKSSGNRSSVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAHGNLGLLWKTHLHHYCALEY\*LE\*\*VL\*\*NLG\*HDLDAVGKRN\*\*LHRLNIQLN\*RIAKPTRKE\*TRFIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFHSE\*S\*AGILTTLVSDPPPSQEGTRRARRNRRRRWRERQRQIQSI

>B.2011.MG197090.-

MEPVDPNLEPWKHPGSQPKTACNNCFCKKCSFHCQVCFMKKGLGISYGRKKRRQRRRAPPDSETHQGSLSKQ\*VL\*VMQPLVIVSIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEEISALVGMGHLAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHVILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQSTRNSIGKCDRRL\*HVEQ\*HGRTDA\*RYNQLMGSKPKAMCKINPTLCYFKLH\*CYL\*QWY\*WHCY\*\*QWY\*\*QCY\*\*YQGRTKKLLFQCYHRNKR\*GEERICTVL\*T\*YSTNRR\*\*\*\*L\*L\*VNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRSM\*KCQHSTMYTWN\*ASGIHSIAVKWQSSRRRDST\*ICQFLEQC\*NYNSTPESICTN\*LYKTRQQYKKKYTDRTRQSILCNRRYNRRYKTSTLYT\*WNTMESNFKAGSYKIKRTIWG\*\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*YNKTI\*\*YLECYLERGK\*HWRE\*HNHPPMQDKTNYKHVAGSRKSNVCPSHQRKY\*LLIKYYWIAINKRWW\*R\*ERHRDL\*TWRRRYEGQLEK\*II\*I\*SSTS\*TIRNSTYQGKKKSGAERKKSSGNRSSVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAHGNLGLLWKTHLHHYCALEY\*LE\*\*VL\*\*NLG\*HDLDAVGKRN\*\*LHRLNIQLN\*RIAKPTRKE\*TRFIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFHSE\*S\*AGILTTLVSDPPPSQEGTRRARRNRRRRWRERQRQIQSI

>B.2011.MG197091.-

MEPVDPNLEPWKHPGSQPKTACNNCFCKKCSFHCQVCFMKKGLGISYGRKKRRQRRRAPPDSETHQGSLSKQ\*VL\*VMQPLVIVSIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEEISALVGMGHLAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHVILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQSTRNSIGKCDRRL\*HVEQ\*HGRTDA\*RYNQLMGSKPKAMCKINPTLCYFKLH\*CYL\*QWY\*WHCY\*\*QWY\*\*QCY\*\*YQGRTKKLLFQCYHRNKR\*GEERICTVL\*T\*YSTNRR\*\*\*\*L\*L\*VNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRSM\*KCQHSTMYTWN\*ASGIHSIAVKWQSSRRRDST\*ICQFLEQC\*NYNSTPKSICTN\*LYKTRQQYKKKYTDRTRQSILCNRRYNRRYKTSTLYT\*WNTMESNFKAGSYKIKRTIWG\*\*NNNL\*SILRRGPRNCNAQF\*LWRRIFLL\*YNKTI\*\*YLECYLERGK\*HWRE\*HNHPPMQDKTNYKHVAGSRKSNVCPSHQRKY\*LLIKYYWIAINKRWW\*R\*ERHRDL\*TWRRRYEGQLEK\*II\*I\*SSTS\*TIRNSTYQGKKKSGAERKKSSGNRSSVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAHGNLGLLWKTHLHHYCALEY\*LE\*\*VL\*\*DLG\*HDLDAVGKRN\*\*LHRLNIQLN\*RIAKPTRKE\*TRFIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLDRFKNSFYCAFHSE\*S\*AGILTIIVSDPPPSQEGTRRARRNRRRRWRERQRQIQSI

>B.2011.MG197092.-

MEPVDPNLEPWKHPGSQPKTACNNCFCKKCSFHCQVCFMKKGLGISYGRKKRRQRRRAPPDSETHQGSLSKQ\*VLYVMQPLAIVSIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEEISALVGMGHLAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHVILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQSTRNSIGKCDRRL\*HVEQ\*HGRTDA\*RYNQLMGSKPKAMCKINPTLCHFKLH\*CYL\*QWY\*WHCY\*\*H\*\*QCY\*WYQGRTKKLLFQCYHRNKR\*GEERICTVL\*T\*YSTNRR\*\*\*\*L\*L\*VNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRSM\*KCQHSTMYTWN\*ASGIHSIAVKWQSSRRRDST\*ICQFLEQC\*NYNSTPESICTN\*LYKTRQQYKKKYTDRTRQSILCNRRYNRRYKTSTLYT\*WNTMESNFKAGSYKIKRTIWG\*\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*YNKTI\*\*YLECYLERGK\*HWRE\*HNHPPMQDKTNYKHVAGSXKSNVCPSHQRKY\*LLIKYYWIAINKRWW\*R\*ERHRDL\*TWRRRYEGQLEK\*II\*I\*SSTS\*TIRNSTYQGKKKSGAERKKSSGNRSSVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAHGNLGLLWKTHLHHYCALEY\*LE\*\*VL\*\*NLG\*HDLDAVGKRN\*\*LHRLNIQLN\*RIAKPTRKE\*TRFIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFHSE\*S\*AGILTTLVSDPPPSQEGTRRARRNRRRRWRERQRQIQSI

>B.2011.MG197093.-

MEPVDPNLEPWKHPGSQPKTACNNCFCKKCSFHCQVCFMKKGLGISYGRKKRRQRRRAPPDSETHQGSLSKQ\*VL\*VMQPLVIVSIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEEISALVGMGHLAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHVILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQSTRNSIGKCDRRL\*HVEQ\*HGRTDA\*RYNQLMGSKPKAMCKINPTLCYFKLH\*CYL\*QWY\*WHCY\*\*H\*\*QCY\*WYQGRTKKLLFQCYHRNKR\*GEERICTVL\*T\*YSTNRR\*\*\*\*L\*L\*VNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRSM\*KCQHSTMYTWN\*ASGIHSIAVKWQSSRRRDST\*ICQFLEQC\*NYNSTPKSICTN\*LYKTRQQYKKKYTDRTRQXILCNRRYNRRYKTSTLYT\*WNTMESNFKAGSYKIKRTIWG\*\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*YNKTI\*\*YLECYLERSK\*HWRE\*HNHPPMQDKTNYKHVAGSRKSNVCPSHQRKY\*LLIKYYWIAINKRWW\*R\*ERHRDL\*TWRRRYEGQLEK\*II\*I\*SSTS\*TIRNSTYQGKKKSGAERKKSSGNRSSVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAHGNLGLLWKTHLHHYCALEY\*LE\*\*VL\*\*NLG\*HDLDAVGKRN\*\*LHRLNIQLN\*RIAKPTRKE\*TRFIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFLLYFP\*\*IELGRDTHHSRFRPASQPGGDPTGPKKSKKEVERETETDPVHQ

>B.2011.MG197094.-

MEPVDPNLEPWKHPGSQPKTACNNCFCKKCSFHCQVCFMKKGLGISYGRKKRRQRRRAPPDSETHQGSLSKQ\*VL\*VMQPLVIVSIVALVVVTIIAIVVWTIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEEISALVGMGHLAPWDVNDL\*CYRKIVGHSLLWGTCVERSNHHVILCIRC\*SI\*SRGT\*CLGHTCLCTHRPQSTRNSIGKCDRRL\*HVEQ\*HGRTDA\*RYNQLMGSKPKAMCKINPTLCYFKLH\*CYL\*QWY\*WHCY\*\*H\*\*QCY\*WYQGRTKKLLFQCYHRNKR\*GEERICTVL\*T\*YSTNRR\*\*\*\*L\*L\*VNKL\*HLSHYTSLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*EVQWNRSM\*KCQHSTMYTWN\*ASGIHSIAVKWQSSRRRDST\*ICQFLEQC\*NYNSTPESICTN\*LYKTRQQYKKKYTDRTRQSILCNRRYNRRYKTSTLYT\*WNTMESNFKAGSYKIKRTIWG\*\*NNSL\*SILRRGPRNCNAQF\*LWRRIFLL\*YNKTI\*\*YLECYLERGK\*HWRE\*HNHPPMQDKTNYKHVAGSRKSNVCPSHQRKY\*LLIKYYWIAINKRWW\*R\*ERHRDL\*TWRRRYEGQLEK\*II\*I\*SSTS\*TIRNSTYQGKKKSGAERKKSSGNRSSVPWVLGSSRKHYGRSINDADGTGQTIIVWYSATAEQSAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAHGNLGLLWKTHLHHYCALEY\*LE\*\*VL\*\*NLG\*HDLDAVGKRN\*\*LHRLNIQLN\*RIAKPTRKE\*TRFIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFYCTFHSE\*S\*AGILTTLVSDPPPSQKGTRRARRNRRRRWRERQRQIQSI

>B.2012.MG197105.-

MEPVDPRLEPWKHPGSQPNTPCTKCYCKKCCYHCPVCFLTKGLGISYGRKKRRQRRRAPQDGQDYQASLSKQ\*VVHVMQSLEILAIVALVVAIILGIVVWTIVLIEYRKILRQRKIDRIIERIRTRAEDSGNESEGDQEELSTLVEMGHDAPWDVNDL\*CRTVVGHSLLWGTCVERSNYHSILCIRCQSL\*H\*GT\*CLGHTCLCAHRPSPTRSSIGKCDRKF\*HVEKLHGRSDA\*GYNQFMG\*KPKAMCKINSTMCYFNLHQRESYQWQSN\*AYQE\*SN\*\*\*\*\*VGRDEGRNKKLLFQYYHNHK\*\*EEERICSFL\*T\*CSTNS\*\*\*YKLYVDKL\*HLSHYTGLSKDIL\*TNSHTLLCSGWFCDSKV\*\*\*EIQWNRTMHKCQHRTMYTWN\*TSSINSIAVKWQSSRRRHSN\*I\*EFYEQC\*NYNSKSE\*ICSN\*LYKTQQQYKKKYTYRTGGSILCNXTNNRRYKTSILYC\*\*NRMGKHFKTGG\*KIK\*AI\*\*NNSF\*SIHRRGSRSCNAHF\*LWRGIFLL\*HIKVV\*\*HLEL\*\*CYRKH\*RK\*HTRKYHTHHTPMQNKTDYKQVAGSRKSNVCPSHQRTN\*LFIKYYRTTINKRWWS\*\*Q\*HN\*DL\*TYRRRYEEQLEK\*II\*I\*SSKN\*AIRNSTHQGKKKSGAERKKSSRNAGSYVPWVLRSSRKHYGRSVSDVDGTGQTIIVWYSAAAEQAAEGY\*GATAYVATHSLGHQAAPSKSPGCGKIPKGSTAPRNLGLLWKTHMHHYCALE\*\*LEQ\*ILQ\*DLGQHDLDAVGKGNRQLHKLNIQLN\*RIAEPTSKE\*TRIIGVGLLGKFVELV\*HIKLAVVYKNLHTSSRRLSRFKNSFCCTFYSK\*G\*EGILTIIVPDPLPSPEGTRQARRNRRRRWRKRQRQIRDI

>B.2012.MG197106.-

MEPVDPRLEPWKHPGSQPNTPCTKCYCKKCCYHCPVCFLTKGLGISYGRKKRRQRRRAPQDGQDYQASLSKQ\*VVHVMQSLEILAIVALVVAIILGIVVWTIVLIEYRKILRQRKIDRIIERIRTRAEDSGNESEGDQEELSTLVEMGHDAPWDVNDL\*CRTVVGHSLLWGTCVERSNYHSILCIRCQSL\*H\*GT\*CLGHTCLCAHRPSPTRSSIGKCDRKF\*HVEKLHGRSDA\*GYNQFMG\*KPKAMCKINSTMCYFNLHQRESYQWQSN\*AYQE\*SN\*\*\*\*\*VGRDEGRNKKLLFQYYHNHK\*\*EEERICSFL\*T\*CSTNS\*\*\*YKLYVDKL\*HLSHYTGLSKDIL\*TNSHTLLCSGWFCDSKV\*\*\*EIQWNRTMHKCQHCTMYTWN\*TSSINSIAVKWQSSRRRHSN\*I\*EFYEQC\*NYNSKSE\*ICSN\*LYKTQQQYKKKYTYRTGGSILCNRTNNRRYKTSILYC\*\*NRMGKHFKTGG\*KIK\*AI\*\*NNSF\*SIHRRGSRSCNAHF\*LWRGIFLL\*HIKVV\*\*HLEL\*\*CYRKH\*RK\*HTRKYHTHHTPMQNKTDYKQVAGSRKSNVCPSHQRTN\*LFIKYYRTTINKRWWS\*\*Q\*HN\*DL\*TYRRRYEEQLEK\*II\*I\*SSKN\*AIRNSTHQGKKKSGAERKKSSRNAGSYVPWVLRSSRKHYGRSVSDVDGTGQTIIVWYSAAAEQAAEGY\*GATAYVATHSLGHQAAPSKSPGCGKIPKGSTAPRNLGLLWKTHMHHYCALE\*\*LEQ\*ILQ\*DLGQHDLDAVGKGNRQLHKLNIQLN\*RIAEPTSKE\*TRIIGVGLLGKFVELV\*HIKLAVVYKNLHTSSRRLSRFKNSFCCTFYSK\*G\*EGILTIIVPDPLPSPEGTRQARRNRRRRWRKRQRQIRDI

>B.2012.MG197107.-

MEPVDPRLEPWKHPGSQPNTPCTKCYCKKCCYHCPVCFLTKGLGISYGRKKRRQRRRAPQDGQDYQASLSKQ\*VVHVMQSLEILAIVALVVAIILGIVVWTIVLIEYRKILRQRKIDRIIERIRTRAEDSGNESEGDQEELSTLVEMGHDAPWDVNDL\*CRTVVGHSLLWGTCVERSNYHSILCIRCQSL\*H\*GT\*CLGHTCLCAHRPSPTRSSIGKCDRKF\*HVEKLHGRSDA\*GYNQFMG\*KPKAMCKXNSTMCYFNLHQRESYQWQSN\*AYQE\*SN\*\*\*\*\*VGRDEGRNKKLLFQYYHNHK\*\*EEERICSFL\*T\*CSTNS\*\*\*YKLYVDKL\*HLSHYTGLSKDIL\*TNSHTLLCSGWFCDSKV\*\*\*EIQWNRTMHKCQHRTMYTWN\*TSSINSIAVKWQSSRRRHSN\*I\*EFYEQC\*NYNSKSE\*ICSN\*LYKTQQQYKKKYTYRTGGSILCNRTNNRRYKTSILYC\*\*NRMGKHFKTGG\*KIK\*AI\*\*NNSF\*SIHRRGSRSCNAHF\*LWRGIFLL\*HIKVV\*\*HLEL\*\*CYRKH\*RK\*HTRKYHTHHTPMQNKTDYKQVAGSRKSNVCPSHQRTN\*LFIKYYRTTINKRWWS\*\*Q\*HN\*DL\*TYRRRYEEQLEK\*II\*I\*SSKN\*AIRNSTHQGKKKSGAERKKSSRNAGSYVPWVLRSSRKHYGRSVSDVDGTGQTIIVWYSAAAEQAAEGY\*GATAYVATHSLGHQAAPSKSPGCGKIPKGSTAPRNLGLLWKTHMHHYCALE\*\*LEQ\*ILQ\*DLGQHDLDAVGKGNRQLHKLNIQLN\*RIAEPTSKE\*TRIIGVGLLGKFVELV\*HIKLAVVYKNLHTSSRRLSRFKNSFCCTFYSK\*G\*EGILTIIVPDPLPSPEGTRQARRNRRRRWRKRQRQIRDI

>B.2012.MG197108.-

MEPVDPRLEPWKHPGSQPNTPCTKCYCKKCCYHCPVCFLTKGLGISYGRKKRRQRRRAPQDGQDYQASLSKQ\*VVHVMQSLEILAIVALVVAIILGIVVWTIVLIEYRKILRQRKIDRIIERIRTRAEDSGNESEGDQEELSTLVEMGHDAPWDVNDL\*CRTVVGHSLLWGTCVERSNYHSILCIRCQSL\*H\*GT\*CLGHTCLCAHRPSPTRSSIGKCDRKF\*HVEKLHGRSDA\*GYNQFMG\*KPKAMCKINSTMCYFNLHQRESYQWQSN\*AYQE\*SN\*\*\*\*\*VGRDEGRNKKLLFQYYHNHK\*\*EEERICSFL\*T\*CSTNS\*\*\*YKLYVDKL\*HLSHYTGLSKDIL\*TNSHTLLCSGWFCDSKV\*\*\*EIQWNRTMHKCQHRTMYTWN\*TSSINSIAVKWQSSRRRHSN\*I\*EFYEQC\*NYNSKSE\*ICSN\*LYKTQQQYKKKYTYRTGGSILCNRTNNRRYKTSILYC\*\*NRMGKHFKTGG\*KIK\*AI\*\*NNSF\*SIHRRGSRSCNAHF\*LWRGIFLL\*HIKVV\*\*HLEL\*\*CYRKH\*RK\*HTRKYHTHHTPMQNKTDYKQVAGSRKSNVCPSHQRTN\*LFIKYYRTTINKRWWS\*\*Q\*HN\*DL\*TYRRRYEEQLEK\*II\*I\*SSKN\*AIRNSTHQGKKKSGAERKKSSRNAGSYVPWVLRSSRKHYGRSVSDVDGTGQTIIVWYSAAAEQAAEGY\*GATAYVATHSLGHQAAPSKSPGCGKIPKGSTAPRNLGLLWKTHMHHYCALE\*\*LEQ\*ILQ\*DLGQHDLDAVGKGNRQLHKLNIQLN\*RIAEPTSKE\*TRIIGVGLLGKFVELV\*HIKLAVVYKNLHTSSRRLSRFKNSFCCTFYSK\*G\*EGILTIIVPDPLPSPEGTRQARRNRRRRWRKRQRQIRDI

>B.2012.MG197109.-

MEPVDPRLEPWKHPGSQPNTPCTKCYCKKCCYHCPVCFLTKGLGISYGRKKRRQRRRAPQDGQDYQASLSKQ\*VVHVMQSLEILAIVALVVAIILGIVVWTIVLIEYRKILRQRKIDRIIERIRTRAEDSGNESEGDQEELSTLVEMGHDAPWDVNDL\*CRTVVGHSLLWGTCVERSNYHSILCIRCQSL\*H\*GT\*CLGHTCLCAHRPSPTRSSIGKCDRKF\*HVEKLHGRSDA\*GYNQFMG\*KPKAMCKINSTMCYFNLHQRESYQWQSN\*AN\*\*\*\*\*VGRDEGRNKKLLFQYYHNHK\*\*EEERICSFL\*T\*CSTNS\*\*\*YKLYVDKL\*HLSHYTGLSKDIL\*TNSHTLLCSGWFCDSKV\*\*\*EIQWNRTMHKCQHRTMYTWN\*TSSINSIAVKWQSSRRRHSN\*I\*EFYEQC\*NYNSKSE\*ICSN\*LYKTQQQYKKKYTYRTGGSILCNRTNNRRYKTSILYC\*\*NRMGKHFKTGG\*KIK\*AI\*\*NNSF\*SIHRRGSRSCNAHF\*LWRGIFLL\*HIKVV\*\*HLEL\*\*CYRKH\*RK\*HTRKYHTHHTPMQNKTDYKQVAGSRKSNVCPSHQRTN\*LFIKYYRTTINKRWWS\*\*Q\*HN\*DL\*TYRRRYEEQLEK\*II\*I\*SSKN\*AIRNSTHQGKKKSGAERKKSSRNAGSYVPWVLRSSRKHYGRSVSDVDGTGQTIIVWYSAAAEQAAEGY\*GATAYVATHSLGHQAAPSKSPGCGKIPKGSTAPRNLGLLWKTHMHHYCALE\*\*LEQ\*ILQ\*DLGQHDLDAVGKGNRQLHKLNIQLN\*RIAEPTSKE\*TRIIGVGLLGKFVELV\*HXKLAVVYKNLHTSSRRLSRFKNSFCCTFYSK\*G\*EGILTIIVPDPLPSPEGTRQARRNRRRRWRKRQRQIRDI

>B.2012.MG197110.-

MEPVDPRLEPWKHPGSQPNTPCTKCYCKKCCYHCPVCFLTKGLGISYGRKKRRQRRRAPQDGQDYQASLSKQ\*VVHVMQSLEILAIVALVVAIILGIVVWTIVLIEYRKILRQRKIDRIIERIRTRAEDSGNESEGDQEELSTLVEMGHDAPWDVNDL\*CRTVVGHSLLWGTCVERSNYHSILCIRCQSL\*H\*GT\*CLGHTCLCAHRPSPTRSSIGKCDRKF\*HVEKLHGRSDA\*GYNQFMG\*KPKAMCKINSTMCYFNLHQRESYQWQSN\*AYQE\*SN\*\*\*\*\*VGRDEGRNKKLLFQYYHNHK\*\*EEERICSFL\*T\*CSTNS\*\*\*YKLYVDKL\*HLSHYTGLSKDIL\*TNSHTLLCSGWFCDSKV\*\*\*EIQWNRTMHKCQHRTMYTWN\*TSSINSIAVKWQSSRRRHSN\*I\*EFYEQC\*NYNSKSE\*ICSN\*LYKTQQQYKKKYTYRTGGSILCNRTNNRRYKTSILYC\*\*NRMGKHFKTGG\*KIK\*AI\*\*NNSF\*SIHRRGSRSCNAHF\*LWRGIFLL\*HIKVV\*\*HLEL\*\*CYRKH\*RK\*HTRKYHTHHTPMQNKTDYKQVAGSRKSNVCPSHQRTN\*LFIKYYRTTINKRWWS\*\*Q\*HN\*DL\*TYRRRYEEQLEK\*II\*I\*SSKN\*AIRNSTHQGKKKSGAERKKSSRNAGSYVPWVLRSSRKHYGRSVSDVDGTGQTIIVWYSAAAEQAAEGY\*GATAYVATHSLGHQAAPSKSPGCGKIPKGSTAPRNLGLLWKTHMHHYCALE\*\*LEQ\*ILQ\*DLGQHDLDAVGKGNRQLHKLNIQLN\*RIAEPTSKE\*TRIIGVGLLGKFVELV\*HIKLAVVYKNLHTSSRRLSRFKNSFCCTFYSK\*G\*EGILTIIVPDPLPSPEGTRQARRNRRRRWRKRQRQIRDI

>B.2012.MG197111.-

MEPVDPRLEPWKHPGSQPNTPCTKCYCKKCCYHCPVCFLTKGLGISYGRKKRRQRRRAPQDGQDYQASLSKQ\*VVHVMQSLEILAIVALVVAIILGIVVWTIVLIEYRKILRQRKIDRIIERIRTRAEDSGNESEGDQEELSTLVEMGHDAPWDVNDL\*CRTVVGHSLLWGTCVERSNYHSILCIRCQSL\*H\*GT\*CLGHTCLCAHRPSPTRSSIGKCDRKF\*HVEKLHGRSDA\*GYNQFMG\*KPKAMCKINSTMCYFNLHQRESYQWQSN\*AYQE\*SN\*\*\*\*\*VGRDEGRNKKLLFQYYHNHK\*\*EEERICSFL\*T\*CSTNS\*\*\*YKLYVDKL\*HLSHYTGLSKDIL\*TNSHTLLCSGWFCDSKV\*\*\*EIQWNRTMHKCQHRTMYTWN\*TSSINSIAVKWQSSRRRHSN\*I\*EFYEQC\*NYNSKSE\*ICSN\*LYKTQQQYKKKYTYRTGGSILCNRTNNRRYKTSILYC\*\*NRMGKHFKTGG\*KIK\*AI\*\*NNSF\*SIHRRGSRSCNAHF\*LWRGIFLL\*HIKVV\*\*HLEL\*\*CYRKH\*RK\*HTRKYHTHHTPMQNKTDYKQVAGSRKSNVCPSHQRTN\*LFIKYYRTTINKRWWS\*\*Q\*HN\*DL\*TYRRRYEEQLEK\*II\*I\*SSKN\*AIRNSTHQGKKKSGAERKKSSRNAGSYVPWVLRSSRKHYGRSVSDVDGTGQTIIVWYSAAAEQAAEGY\*GATAYVATHSLGHQAAPSKSPGCGKIPKGSTAPRNLGLLWKTHMHHYCALE\*\*LEQ\*ILQ\*DLGQHDLDAVGKGNRQLHKLNIQLN\*RIAEPTSKE\*TRIIGVGLLGKFVELV\*HIKLAVVYKNLHTSSRRLSRFKNSFCCTFYSK\*G\*EGILTIIVPDPLPSPEGTRQARRNRRRRWRKRQRQIRDI

>B.2012.MG197112.-

MEPVDPRLEPWKHPGSQPNTPCTKCYCKKCCYHCPVCFLTKGLGISYGRKKRRQRRRAPQDGQDYQASLSKQ\*VVHVMQSLEILAIVALVVAIILGIVVWTIVLIEYRKILRQRKIDRIIERIRTRAEDSGNESEGDQEELSTLVEMGHDAPWDVNDL\*CRTVVGHSLLWGTCVERSNYHSILCIRCQSL\*H\*GT\*CLGHTCLCAHRPSPTRSSIGKCDRKF\*HVEKLHGRSDA\*GYNQFMG\*KPKAMCKINSTMCYFNLHQRESYQWQSN\*AYQE\*SN\*\*\*\*\*VGRDEGRNKKLLFQYYHNHK\*\*EEERICSFL\*T\*CSTNS\*\*\*YKLYVDKL\*HLSHYTGLSKDIL\*TNSHTLLCSGWFCDSKV\*\*\*EIQWNRTMHKCQHRTMYTWN\*TSSINSIAVKWQSSRRRHSN\*I\*EFYEQC\*NYNSKSE\*ICSN\*LYKTQQQYKKKYTYRTGGSILCNRTNNRRYKTSILYC\*\*NRMGKHFKTGG\*KIK\*AI\*\*NNSF\*SIHRRGSRSCNAHF\*LWRGIFLL\*HIKVV\*\*HLEL\*\*CYRKH\*RK\*HTRKYHTHHTPMQNKTDYKQVAGSRKSNVCPSHQRTN\*LFIKYYRTTINKRWWS\*\*Q\*HN\*DL\*TYRRRYEEQLEK\*II\*I\*SSKN\*AIRNSTHQGKKKSGAERKKSSRNAGSYVPWVLRSSRKHYGRSVSDVDGTGQTIIVWYSAAAEQAAEGY\*GATAYVATHSLGHQAAPSKSPGCGKIPKGSTAPRNLGLLWKTHMHHYCALE\*\*LEQ\*ILQ\*DLGQHDLDAVGKGNRQLHKLNIQLN\*RIAEPTSKE\*TRIIGVGLLGKFVELV\*HIKLAVVYKNLHTSSRRLSRFKNSFCCTFYSK\*G\*EGILTIIVPDPLPSPEGTRQARRNRRRRWRKRQRQIRDI

>B.2012.MG197113.-

MEPVDPRLEPWKHPGSQPNTPCTKCYCKKCCYHCPVCFLTKGLGISYGRKKRRQRRRAPQDGQDYQASLSKQ\*VVHVMQSLEILAIVALVVAIILGIVVWTIVLIEYRKILRQRKIDRIIERIRTRAEDSGNESEGDQEELSTLVEMGHDAPWDVNDL\*CRTVVGHSLLWGTCVERSNYHSILCIRCQSL\*H\*GT\*CLGHTCLCAHRPSPTRSSIGKCDRKF\*HVEKLHGRSDA\*GYNQFMG\*KPKAMCKINSTMCYFNLHQRESYQWQSN\*AYQE\*SN\*\*\*\*\*VGRDEGRNKKLLFQYYHNHK\*\*EEERICSFL\*T\*CSTNS\*\*\*YKLYVDKL\*HLSHYTGLSKDIL\*TNSHTLLCSGWFCDSKV\*\*\*EIQWNRTMHKCQHRTMYTWN\*TSSINSIAVKWQSSRRRHSN\*I\*EFYEQC\*NYNSKSE\*ICSN\*LYKTQQQYKKKYTYRTGGSILCNRTNNRRYKTSILYC\*\*NRMGKHFKTGG\*KIK\*AI\*\*NNSF\*SIHRRGSRSCNAHF\*LWRGIFLL\*HIKVV\*\*HLEL\*\*CYRKH\*RK\*HTRKYHTHHTPMQNKTDYKQVAGSRKSNVCPSHQRTN\*LFIKYYRTTINKRWWS\*\*Q\*HN\*DL\*TYRRRYEEQLEK\*II\*I\*SSKN\*AIRNSTHQGKKKSGAERKKSSRNAGSYVPWVLRSSRKHYGRSVSDVDGTGQTIIVWYSAAAEQAAEGY\*GATAYVATHSLGHQAAPSKSPGCGKIPKGSTAPRNLGLLWKTHMHHYCALE\*\*LEQ\*ILQ\*DLGQHDLDAVGKGNRQLHKLNITT\*LKNRRTNKQRMN\*NYWSWTLGQICGIGLAYQTGCGI\*KSSY\*\*\*EA\*\*V\*E\*FLLYFL\*\*IRLGRDTHHYRSRPTSQPRGDPTGPEESEKKVEKETETDPRH\*

>B.2012.MG197114.-

MEPVDPRLEPWKHPGSQPNTPCTKCYCKKCCYHCPVCFLTKGLGISYGRKKRRQRRRAPQDGQDYQASLSKQ\*VVHVMQSLEILAIVALVVAIILGIVVWTIVLIEYRKILRQRKIDRIIERIRTRAEDSGNESEGDQEELSTLVEMGHDAPWDVNDL\*CRTVVGHSLLWGTCVERSNYHSILCIRCQSL\*H\*GT\*CLGHTCLCAHRPSPTRSSIGKCDRKF\*HVEKLHGRSDA\*GYNQFMG\*KPKAMCKINSTMCYFNLHQRESYQWQSN\*AYQE\*SN\*\*\*\*\*VGRDEGRNKKLLFQYYHNHK\*\*EEERICSFL\*T\*CSTNS\*\*\*YKLYVDKL\*HLSHYTGLSKDIL\*TNSHTLLCSGWFCDSKV\*\*\*EIQWNRTMHKCQHRTMYTWN\*TSSINSIAVKWQSSRRRHSN\*I\*EFYEQC\*NYNSKSE\*ICSN\*LYKTQQQYKKKYTYRTGGSILCNRTNNRRYKTSILYC\*\*NRMGKHFKTGG\*KIK\*AI\*\*NNSF\*SIHRRGSRSCNAHF\*LWRGIFLL\*HIKVV\*\*HLEL\*\*CYRKH\*RK\*HTRKYHTHHTPMQNKTDYKQVAGSRKSNVCPSHQRTN\*LFIKYYRTTINKRWWS\*\*Q\*HN\*DL\*TYRRRYEEQLEK\*II\*I\*SSKN\*VIRNSTHQGKKKSGAERKKSSRNAGSYVPWVLRSSRKHYGRSVSDVDGTGQTIIVWYSAAAEQAAEGY\*GATAYVATHSLGHQAAPSKSPGCGKIPKGSTAPRNLGLLWKTHMHHYCALE\*\*LEQ\*ILQ\*DLGQHDLDAVGKGNRQLHKLNIQLN\*RIAEPTSKE\*TRIIGVGLLGKFVELV\*HIKLAVVYKNLHTSSRRLSRFKNSFCCTFYSK\*G\*EGILTIIVPDPLPSPEGTRQARRNRRRRWRKRQRQIRDI

>B.2012.MG197115.-

MEPVDPRLEPWKHPGSQPMTACTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRAPQGRQTNQASLSKQ\*VVHVMQPLGIAAIVGLVVAGIIAIVVWSIVLIEYRKILRQKRIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPRNMDDL\*CCRKNVGHSLLWGTCVERSNHHSILCIRCQSI\*CRST\*CLGHTCLCTHRPQPTRSSITKCDRKI\*HVEK\*YGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CKYYYY\*WNSKPWK\*\*WGTNG\*RRNKKLLFQCHHKNRK\*DAEGICTLL\*T\*CNVNK\*\*\*YKLYIGKL\*HLSHYTGLSKGIL\*TNSYTLLCPSWFCDSKM\*\*\*EVQWYRTM\*ECQHGAMYTWN\*ANSINSAAVKWQPSRRRGSD\*I\*KFHRQC\*NHNSTAKRPCRN\*LHKTQQQYKKKYTYGTRESILCNRRHNRRYKTSTLYP\*LGKME\*RFRTDSYKIARTI\*\*\*NNKF\*SILRRGPRNCNAYF\*LWRGIFLL\*YNKVV\*QQLD\*WYYWE\*Y\*YAT\*Q\*NYHTPMQNKTNYKQMAGSRKSNVCPSNQRNN\*MFIKYHRATVNKRWWKQ\*HKQRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSDTGSCVPWVLGSSRKHYGRSVNDTDGTGQTTIVWYSATAE\*LAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*ILS\*NLG\*HDLDGVG\*RN\*QLHKTNIHLN\*GLAKPTSKE\*TRIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLSRFKNSFYCTFYSK\*S\*AGILTNIVADPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197116.-

MEPVDPRLEPWEHPGSQPRTACTNCYCKRCCLHCQVCFTKKALGISYGRKKRRQRRRAPQGRQTNQASLSKQ\*VVHVMQPLGIAAIVGLVVAGIIAIVVWSIVLIEYRKILRQKRIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPRNMDDL\*CCRKNVGHSLLWGTCVERSNHHSILCIRCQSI\*CRST\*CLGHTCLCTHRPQPTRSSITKCDRKI\*HVEK\*YGRTNA\*GYNQFMGSKPKAMCKINPTRCYFKLL\*CKYYYY\*WNSKPWK\*\*WGTNG\*RRNKKLLFQCHHKNRK\*DAEGICTLL\*T\*CNVNK\*\*\*YKLYIGKL\*HLSHYTGLSKGIL\*TNSYTLLCPSWFCDSKM\*\*\*EVQWYRTM\*ECQHGAMYTWN\*ANSINSAAVKWQPSRRRGSD\*I\*KFHRQC\*NHNSTAKRPCRN\*LHKTQQQYKKKYTYGTRESILCNRRHNRRYKTSTLYP\*LGKME\*RFRTDSYKIARTI\*\*\*NNKF\*SILRRGPRNCNAYF\*LWRGIFLL\*YNKVV\*QQLD\*WYYWE\*Y\*YAT\*Q\*NYHTPMQNKTNYKQMAGSRKSNVCPSNQRNN\*MFIKYHRATVNKRWWKQ\*HKQRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSDTGSCVPWVLGSSRKHYGRSVNDTDGTGQTTIVWYSATAE\*LAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*ILS\*NLG\*HDLDGVG\*RN\*XLHKTNIHLN\*GLAKPTSKE\*TRIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLSKFKNSFYCTFYSK\*S\*AGILTNIVADPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197117.-

MEPVDPRLEPWEHPGSQPRTACTNCYCKRCCLHCQVCFTKKALGISYGRKKRRQRRRAPQGRQTNQASLSKQ\*VVHVMQPLGIAAIVGLVVAGIIAIVVWSIVLIEYRKILRQKRIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPRNMDDL\*CCRKNVGHSLLWGTCVERSNHHSILCIRCQSI\*CRST\*CLGHTCLCTHRPQPTRSSITKCDRKI\*HVEK\*YGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CKYYYY\*WNSKPWK\*\*WGTNG\*RRNKKLLFQCHHKNRK\*DAEGICTLL\*T\*CNVNK\*\*\*YKLYIGKL\*HLSHYTGLSKGIL\*TNSYTLLCPSWFCDSKM\*\*\*EVQWYRTM\*ECQHGAMYTWN\*ANSINSAAVKWQPSRRRGSD\*I\*KFHRQC\*NHNSTAKRPCRN\*LHKTQQQYKKKYTYGTRENILCNRRHNRRYKTSTLYP\*LGKME\*RFRTDSYKIARTI\*\*\*NNKF\*SILRRGPRNCNAYF\*LWRGIFLL\*YNKVV\*QQLD\*WYYWE\*Y\*YAT\*Q\*NYHTPMQNKTNYKQMAGSRKSNVCPSNQRNN\*MFIKYHRATVNKRWWKQ\*HKQRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSDTGSCVPWVLGSSRKHYGRSVNDTDGTGQTTIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*ILS\*NLG\*HDLDGVG\*RN\*QLHKTNIHFN\*GIAKPTSKE\*TRVIGIG\*VGKFVELV\*HIKLAVVYKNIHNNNRRLSRFKNSFCCIFYSK\*S\*AGVFTNIVADPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197118.-

MEPVDPRLEPWEHPGSQPRTACTNCYCKRCCLHCQVCFTKKALGISYGRKKRRQRRRAPQGRQTNQASLSKQ\*VVHVMQPLGIAAIVGLVVAGIIAIVVWSIVLIEYRKILRQKRIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPRNMDDL\*CCRKNVGHSLLWGTCVERSNHHSILCIRCQSI\*CRST\*CLGHTCLCTHRPQPTRSSITKCDRKI\*HVEK\*YGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CKYYYY\*WNSKPWK\*\*WGTNG\*RRNKKLLFQCHHKNRK\*DAEGICTLL\*T\*CNVNK\*\*\*YKLYIGKL\*HLSHYTGLSKGIL\*TNSYTLLCPSWFCDSKM\*\*\*EVQWYRTM\*ECQHGAMYTWN\*ANSINSAAVKWQPSRRRGSD\*I\*KFHRQC\*NHNSTAKRPCRN\*LHKTQQQYKKKYTYGTRESILCNRRHNRRYKTSTLYP\*LGKME\*RFRTDSYKIARTI\*\*\*NNKF\*SILRRGPRNCNAYF\*LWRGIFLL\*YNKVV\*QQLD\*WYYWE\*Y\*YAT\*Q\*NYHTPMQNKTNYKQMAGSRKSNVCPSNQRNN\*MFIKYHRATVNKRWWKQ\*HKQRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSDTGSCVPWVLGSSRKHYGRSVNDTDGTGQTTIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*ILS\*NLG\*HDLDGVG\*RN\*QLHKTNIHFN\*GIAKPTSKE\*TRVIGIG\*VGKFVELV\*HIKLAVVYKNIHNNNRRLSRFKNSFCCIFYSK\*S\*AGVFTNIVADPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197119.-

MEPVDPRLEPWEHPGSQPRTACTNCYCKRCCLHCQVCFTKKALGISYGRKKRRQRRRAPQGRQTNQASLSKQ\*VVHVMQSLGIAAIVALVVAGIIAIIVWSIVLIEYRKILRQKRIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPRNMDDL\*CCRKNVGHSLLWGTCVERSNHHSILCIRCQSI\*CRST\*CLGHTCLCTHRPQPTRSSITKCDRKI\*HVENNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCSDANTTTTNGTQSHGNSSGELMDSGEIKNCSFNVTTRIGNKMQREYALFYKLDVMSISNDSTSYTLVNCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNDKKFNGTGPCENVSTVQCTHGIKPIVSTQLLLNGSLAEEEVVIRSENFTDNAKTIIVQLKDPVEINCIRPNNNTRKSIHMGPGKVFYATGGIIGDIRQAHCTLSWEKWNSALEQIVTKLREQFNNKTINFNQSSGGDPEIVMHTFNCGGEFFYCNTTKLFNSSWTNGTTGNSTNTPHNNETITLQCRIKQIINRWQEVGKAMYAPPIKGIIRCSSNITGLLLTRDGGNSSTNNEIFRPGGGDMRDNWRSELFKYKVVKIEPLGVAPTKAKRRVVQREKRAVTLGAVFLGFLGAAGSTMGAASMTLTVQARLLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTNVPWNTSWSNKSYHEIWDNMTWMEWDREIDNYTRLIYTLIEDSQNQQAKNELELLELDKWANLWNWFDISNWLWYIKIFIMIVGGLVGLRIVFAVLSIVNRVRQGYSPISLQTRLPVPRGPDRPEGIEEEGGERDRDRSGRL

>B.2012.MG197120.-

MEPVDPRLEPWEHPGSQPRTACTNCYCKRCCLHCQVCFTKKALGISYGRKKRRQRRRAPQGRQTNQASLSKQ\*VVHVMQPLGIAAIVGLVVAGIIAIVVWSIVLIEYRKILRQKRIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPRNMDDL\*CCRKNVGHSLLWGTCVERSNHHSILCIRCQSI\*CRST\*CLGHTCLCTHRPQPTRSSITKCDRKV\*YVEE\*YGRTNA\*GHNQFMGSKPKTMCKINPTLCYFKLL\*CKYYYY\*WNSKPWK\*\*WGTNG\*RRNKKLLFQCHHKNRK\*DAEGICTLL\*T\*CNVNK\*\*\*YKLYIGKL\*HLSHYTGLSKGIL\*TNSYTLLCPSWFCDSKM\*\*\*EVQWYRTM\*ECQHGAMYTWN\*ANSINSAAVKWQPSRRRGSD\*I\*KFHRQC\*NHNSTAKRPCRN\*LHKTQQQYKKKYTYGTRESILCNRRHNRRYKTSTLYP\*LGKME\*RFRTDSYKIARTI\*\*\*NNKF\*SILRRGPRNCNAYF\*LWRGIFLL\*YNKVV\*QQLD\*WYYWE\*Y\*YAT\*Q\*NYHTPMQNKTNYKQMAGSRKSNVCPSNQRNN\*MFIKYHRATVNKRWWKQ\*HKQRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSDTGSCVPWVLGSSRKHYGRSVNDTDGTGQTTIVWYSATAE\*LAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*ILS\*NLG\*HDLDGVG\*RN\*QLHKTNIHLN\*GLAKPTSKE\*TRIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLSRFKDSFCCTFYSK\*S\*AGIFTNIVADPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197121.-

MEPVDPRLEPWEHPGSQPRTACTNCYCKRCCLHCQVCFTKKALGISYGRKKRRQRRRAPQGRQTNQASLSKQ\*VVHVMQPLGIAAIVGLVVAGIIAIVVWSIVLIEYRKILRQKRIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPRNMDDL\*CCRKNVGHSLLWGTCVERSNHHSILCIRCQSI\*CRST\*CLGHTCLCTHRPQPTRSSITKCDRKI\*HVEK\*YGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CKYYYY\*WNSKPWK\*\*WGTNG\*RRNKKLLFQCHHKNRK\*DAEGICTLL\*T\*CNVNK\*\*\*YKLYIGKL\*HLSHYTGLSKGIL\*TNSYTLLCPSWFCDSKM\*\*\*EVQWYRTM\*ECQHGAMYTWN\*ANSINSAAVKWQPSRRRGSD\*I\*KFHRQC\*NHNSTAKRPCRN\*LHKTQQQYKKKYTYGTRESILCNRRHNRRYKTSTLYP\*LGKME\*RFRTDSYKIARTI\*\*\*NNKF\*SILRRGPRNCNAYF\*LWRGIFLL\*YNKVV\*QQLD\*WYYWE\*Y\*YAT\*Q\*NYHTPMQNKTNYKQMAGSRKSNVCPSNQRNN\*MFIKYHRATVNKRWWKQ\*HKQRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSDTGSCVPWVLGSSRKHYGRSVNDTDGTSQTTIVWYSATAE\*FAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*ILS\*NLG\*HDLDGVG\*RN\*QLHKTNIHFN\*GIAKPTSKE\*TRVIGIG\*VGKFVELV\*HIKLAVVYKNIHNNNRRLSRFKNSFCCIFYSK\*S\*AGVFTNIVADPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197122.-

MEPVDPRLEPWEHPGSQPRTACTNCYCKRCCLHCQVCFTKKALGISYGRKKRRQRRRAPQGRQTNQASLSKQ\*VVHVMQPLGIAAIVGLVVAGIIAIVVWSIVLIEYRKILRQKRIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPRNMDDL\*CCRKNVGHSLLWGTCVERSNHHSILCIRCQNI\*CRST\*CLGHTCLCTHRPQPTRSSITKCDRKI\*HVEK\*YGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CKYYYY\*WNSKPWK\*\*WGTNG\*RRNKKLLFQCHHKNRK\*DAEGICTLL\*T\*CNVNK\*\*\*YKLYIGKL\*HLSHYTGLSKGIL\*TNSYTLLCPSWFCDSKM\*\*\*EVQWYRTM\*ECQHGAMYTWN\*ASSINSAAVKWQPSRRRGSD\*I\*KFHRQC\*NHNSTAKRPCRN\*LHKTQQQYKKKYTYGTRESILCNRRHNRRYKTSTLYP\*LGKME\*RFRTDSYKIARTI\*\*\*NNKF\*SILRRGPRNCNAYF\*LWRGIFLL\*YNKVV\*QQLD\*WYYWE\*Y\*YAT\*Q\*NYHTPMQNKTNYKQMAGSRKSNVCPSNQRNN\*MFIKYHRATVNKRWWKQ\*HKQRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSDTGSCVPWVLGSSRKHYGRSVNDTDGTGQTTIVWYSATAE\*LAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*ILS\*NLG\*HDLDGVG\*RN\*QLHKTNIHFN\*GIAKPTSKE\*TRVIGIG\*VGKFVELV\*HIKLAVVYKNIHNNNRRLSRFKNSFCCIFYSK\*S\*AGVFTNIVADPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197123.-

MEPVDPRLEPWEHPGSQPRTACTNCYCKRCCLHCQVCFTKKALGISYGRKKRRQRRRAPQGRQTNQASLSKQ\*VVHVMQPLGIAAIVGLVVAGIIAIVVWSIVLIEYRKILRQKRIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPRNMDDL\*CCRKNVGHSLLWGTCVERSNHHSILCIRCQSI\*CRST\*CLGHTCLCTHRPQPTRSSITKCDRKI\*HVEK\*YGRTNA\*GYN\*FMGSKPKAMCKINPTLCYFKLL\*CKYYYY\*WNSKPWK\*\*WGTNG\*RRNKKLLFQCHHKNRK\*DAEGICTLL\*T\*CNVNK\*\*\*YKLYIGKL\*HLSHYTGLSKGIL\*TNSYTLLCPSWFCDSKM\*\*\*EVQWYRTM\*ECQHGAMYTWN\*ANSINSAAVKWQPSRRRGSD\*I\*KFHRQC\*NHNSTAKRPCRN\*LHKTQQQYKKKYTYGTRESILCNRRHNRRYKTSTLYP\*LGKME\*RFRTDSYKIARTI\*\*\*NNKF\*SILRRGPRNCNAYF\*LWRGIFLL\*YNKVV\*QQLD\*WYYWE\*Y\*YAT\*Q\*NYHTPMQNKTNYKQMAGSRKSNVCPSNQRNN\*MFIKYHRATVNKRWWKQ\*HKQRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSDTGSCVPWVLGSSRKHYGRSVNDTDGTGQTTIVWYSATAE\*LAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*ILS\*NLG\*HDLDGVG\*RN\*QLHKTNIHLN\*GLAKPTSKE\*TRIIGIG\*VGKFVELV\*HIKLAVVYKNIHNNNRRLSRFKNSFCCIFYSK\*S\*AGVFTNLVADPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197125.-

MEPVDPRLEPWKHPGSQPMTACTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRAPQGRQTNQASLSKQ\*VVHVMQPLGIAAIVGLVVAGIIAIVVWSIVLIEYRKILRQKRIDRLIDRIRERAEDSGNESEGDQDELSALVEMGHHAPRNMDDL\*CCRKNVGHSLLWGTCVERSNHHSILCIRCQSI\*CRST\*CLGHTCLCTHRPQPTRSSITKCDRKI\*HVEK\*YGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLL\*CKYYYY\*WNSKPWK\*\*WGTNG\*RRNKKLLFQCHHKNRK\*DAEGICTLL\*T\*CNVNK\*\*\*YKLYIGKL\*HLSHYTGLSKGIL\*TNSYTLLCPSWFCDSKM\*\*\*EVQWYRTM\*ECQHGAMYTWN\*ANSINSAAVKWQPSRRRGSD\*I\*KFHRQC\*NHNSTAKRPCRN\*LHKTQQQYKKKYTYGTRESILCNRRHNRRYKTSTLYP\*LGKME\*RFRTDSYKIARTI\*\*\*NNKF\*SILRRGPRNCNAYF\*LWRGIFLL\*YNKVV\*QQLD\*WYYWE\*Y\*YAT\*Q\*NYHTPMQNKTNYKQMAGSRKSNVCPSNQRNN\*MFIKYHRATVNKRWWKQ\*HKQRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKXGAERKKSSDTGSCVPWVLGSSRKHYGRSVNDTDGTGQTTIVWYSATAE\*LAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHH\*CALEY\*LE\*\*ILS\*NLG\*HDLDGVG\*RN\*QLHKTNIHLN\*GLAKPTSKE\*TRIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLSRFKNSFYCTFYSK\*S\*AGILTNIVADPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.2013.MG197126.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSKIHQASLSKQ\*VIHVMNPLPIAAIVALVVVAIIAIIVWTIVIIEYRKILRQRKIDRIINRIIEXAEDSGNESEGDQEELSALVEMGHDAHWDIDDL\*CFRKFVGHSLLWGTCVERSKNHSILCIRC\*RI\*DRGT\*CLGHTCMCTHRPQPTRNRIEKYVRIF\*HVEQ\*HGRTNARGYNQLMGSKPKAMCKINTTLCYFKLH\*DKYCS\*Q\*\*\*\*Y\*\*E\*\*\*\*\*W\*W\*\*YRGRTRNKKLFFQNHHKHKR\*DTERICTFL\*S\*SSTNR\*\*\*QKQ\*QL\*\*L\*VDKL\*HLSHYTGLSKGVL\*ANSNTLLCPGWFCYSKV\*R\*ELQWK\*TM\*QCQHSTMYTWN\*ASSINSIAVKWQSSRRRGSN\*I\*KFLEQC\*NHNSTAE\*ICKN\*LYKAQQ\*YKKKYIYRTRESILCNRGHNRRYKTSTL\*H\*WSRVE\*HLNKHS\*KIRNTI\*\*YNNSLYTILRRGPRNYNTQF\*LWRRIFLL\*YDITV\*\*YLE\*KQ\*Y\*DLE\*HWKNRKWQYHTPV\*NQANCKQVARSRKSNVCSSHQGTN\*MFIKYYRAIVNKRWW\*\*\*\*N\*WD\*DLQTWRRKYEGQLEK\*II\*I\*SGKN\*TIRSSTHQGKEKSGAERKKSSRIGSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAEGY\*GATTYVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*IL\*SDLG\*HDLDAVGKRN\*QLHRHNIQIN\*TIAEPARKK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKDIHNNSRRSDRFKNNFYCILYNK\*G\*AGILTFIVTDPPPSSQGTRQARRNRRRRWRARQRQIKSI

>B.2013.MG197127.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSKIHQASLPKQ\*VIHVMSPLQIAAIVALVVVAIIAIIVWTIVLIEYRKILRQRKIDRIINRIIERAEDSGNDSEGDQEELSALVEMGHDAPWDIDDL\*CFRKVVGHSLLWGTCVERSKNHSILCIRC\*RI\*DRGT\*CLGHTCMCTHRPQPTRNRIKKYVRIF\*HVEQ\*HGRTNARGYN\*LMGSKPKAMCKINTTLCYFKLH\*DKYCSQQ\*\*\*\*S\*\*\*K\*\*\*\*W\*\*\*\*YRGRTRNKKLFFQYHHKHKR\*DAERICTFL\*S\*SSTNR\*\*\*QKQ\*QL\*\*L\*IDKL\*HLSHYTGLSKGVL\*ANSNTLLCXGWFCYSKV\*R\*ELQWK\*TM\*QCQHSTMYTWD\*ASSINSIXVKWQFSRRRGSN\*I\*KFLEQC\*NHNSAAE\*ICKN\*LYKAQQ\*YKKKYIYRTRESILCNRGHNRRYKTSTL\*H\*\*SRVE\*HLNKHS\*KIRNTI\*\*YNNSL\*TILRRGPRNYNAQF\*LWRRIFLL\*YNTTV\*\*YLE\*KQ\*YLDLE\*H\*KKLYRKWQYHTTV\*NQTNCKQVARSRKSNVCSSHQGTN\*MFIKYYWAIVNKRWW\*\*\*N\*WE\*DLQTWRRKYEGQLEK\*II\*I\*SGKN\*TIRSSTHQGKEKSGAERKKSSRIGSFVPRVLGSSRKHYGRSITNADGTGQTIIVWYSATAKQFAEGY\*GATTYVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALE\*WLEQ\*IL\*SDLG\*HDLDAVGKRN\*QLHRHNI\*IN\*TIAEPARKK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKDIHNDSRRFNRFKNNFYCIFYNK\*G\*AGILTFIVTDPPPSSQGTRQARRNRRRRWRARQREIESI

>B.2013.MG197129.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSKIHQASLSKQ\*VIHVMNPLPIAAIVALVVVAIIAIIVWTIVIIEYRKILRQRKIDRIINRIIERAEDSGNESEGDQEELSALVEMGHDAHWDIDDL\*CFRKFVGHSLLWGTCVERSKNHSILCIRC\*RI\*DRGT\*CLGHTCMCTHRPQPTRNRIEKYVRIF\*HVEQ\*HGRTNARGYNQLMGSKPKAMCKINTTLCYFKLH\*DKYCS\*Q\*\*\*\*Y\*\*E\*\*\*\*\*W\*W\*\*YRGRTRNKKLFFQNHHKHKR\*DTERICTFL\*S\*SSTNR\*\*\*QKQ\*QL\*\*L\*VDKL\*HLSHYTGLSKGVL\*ANSNTLLCPGWFCYSKV\*R\*ELQWK\*TM\*QYQHSTMYTWN\*ASSINSIAVKWQSSRRRGSN\*I\*KFLEQC\*NHNSTAE\*ICKN\*LYKAQQ\*YKKKYIYRTRESILCNRGHNRRYKTSTL\*H\*WSRVE\*HLNKHS\*KIRNTI\*\*YNNSLYTILRRGPRNYNTQF\*LWRRIFLL\*YDITV\*\*YLE\*KQ\*Y\*DLE\*HWKNRKWQYHTPV\*NQANCKQVARSRKSNVCSSHQGTN\*MFIKYYRAIVNKRWW\*\*\*\*N\*WD\*DLQTWRRKYEGQLEK\*II\*I\*SGKN\*TIRSSTHQGKEKSGAERKKSSRIGSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAEGY\*GATTYVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*IL\*SDLG\*HDLDAVGKRN\*QLHRHNIQIN\*TIAEPARKK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKDIHNDSRRSDKFKNNFYCILYNK\*G\*AGILTFIVTDPPPSSQGTRQARRNRRRRWRARQRRIESI

>B.2013.MG197130.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSKIHQASLSKQ\*VIHVMNPLPIAAIVALVVVAIIAIIVWTIVIIEYRKILRQRKIDRIINRIIERAEDSGNESEGDQEELSALVEMGHDAHWDIDDL\*CFRKFVGHSLLWGTCVERSKNHSILCIRC\*RI\*DRGT\*CLGHTCMCTHRPQPTRNRIEKYVRIF\*HVEQ\*HGRTNARGYNQLMGSKPKAMCKINTTLCYFKLH\*DKYCX\*Q\*\*\*\*Y\*\*E\*\*\*\*\*W\*W\*\*YRGRTRNKKLFFQNHHKHKR\*DTERICTFL\*S\*SSTNR\*\*\*QKQ\*QL\*\*L\*VDKL\*HLSHYTGLSKGVL\*ANSNTLLCPGWFCYSKV\*R\*ELQWK\*TM\*QYQHSTMYTWN\*ASSINSIAVKWQSSRRRGSN\*I\*KFLEQC\*NHNSTAE\*ICKN\*LYKAQQ\*YKKKYIYRTRESILCNRGHNRRYKTSTL\*H\*WSRVE\*HLNKHS\*KIRNTI\*\*YNNSLYTILRRGPRNYNTQF\*LWRRIFLL\*YDITV\*\*YLE\*KQ\*Y\*DLE\*HWKNRKWQYHTPV\*NQANCKQVARSRKSNVCSSHQGTN\*MFIKYYRAIVNKRWW\*\*\*\*N\*WD\*DLQTWRRKYEGQLEK\*II\*I\*SGKN\*TIRSSTHQGKEKSGAERKKSSRIGSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAEGY\*GATTYVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCRALE\*\*LE\*\*IL\*SDLG\*HDLDAVGKRN\*QLHRHNIQIN\*TIAEPARKK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKDIHNDSRRSDRFKNNFYCILYNK\*G\*AGILTFIVTDPPPSSQGTRQARRNRRRRWRARQRQIKSI

>B.2013.MG197131.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRPPQNSKIHQASLSKQ\*VIHVMNPLPIAAIVALVVVAIIAIIVWTIVIIEYRKILRQRKIDRIINRIIERAEDSGNESEGDQEELSALVEMGHDAHWDIDDL\*CFRKFVGHSLLWGTCVERSKNHSILCIRC\*RI\*DRGT\*CLGHTCMCTHRPQPTRNRIEKYVRIF\*HVEQ\*HGRTNARGYNQLMGSKPKAMCKINTTLCYFKLH\*DKYCS\*Q\*\*\*\*Y\*\*E\*\*\*\*\*W\*W\*\*YRGRTRNKKLFFQNHHKHKR\*DTERICTFL\*S\*SSTNR\*\*\*QKQ\*QL\*\*L\*VDKL\*HLSHYTGLSKGVL\*ANSNTLLCPGWFCYSKV\*R\*ELQWK\*TM\*QCQHSTMYTWN\*ASSINSIAVKWQSSRRRGSN\*I\*KFLEQC\*NHNSTAE\*ICKN\*LYKAQQ\*YKKKYIYRTRESILCNRGHNRRYKTSTL\*H\*WSRVE\*HLNKHS\*KIRNTI\*\*YNNSLYTILRRGPRNYNTQF\*LWRRIFLL\*YDITV\*\*YLE\*KQ\*Y\*DLE\*HWKNRKWQYHTPV\*NQANCKQVARSRKXNVCSSHQGTN\*MFIKYYRAIVNKRWW\*\*\*\*N\*WD\*DLQTWRRKYEGQLEK\*II\*I\*SGKN\*TIRSSTHQGKEKSGAERKKSSRIGSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAEGY\*GATTYVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*IL\*SDLG\*HDLDAVGKRN\*QLHRHNIQIN\*TIAEPARKK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKDIHNDSRRSDRFKNNFYCILYNK\*G\*AGILTFIVTDPPPSSQGTRQARRNRRRRWRARQRQIDSI

>B.2013.MG197132.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSKIHQASLSKQ\*VIHVMNPLPIAAIVALVVVAIIAIIVWTIVIIEYRKILRQRKIDRIINRIIERAEDSGNESEGDQEELSALVEMGHDAHWDIDDL\*CFRKFVGHSLLWGTCVERSKNHSILCIRC\*RI\*DRDT\*CLGHTCMCTHRPQPTRNRIEKYVRIF\*HVEQ\*HGRTNARGYNQLMGSKPKAMCKINTTLCYFKLH\*DKYCS\*Q\*\*\*\*Y\*\*E\*\*\*\*\*W\*W\*\*YRGRTRNKKLFFQNHHKHKR\*DTERICTFL\*S\*SSTNR\*\*\*QKQ\*QL\*\*L\*VDKL\*HLSHYTGLSKGVL\*ANSNTLLCPGWFCYSKV\*R\*ELQWK\*TM\*QCQHSTMYTWN\*ASSINSIAVKWQSSRRRGSN\*I\*KFLEQC\*NHNSTAE\*ICKN\*LYKAQQ\*YKKKYIYRTRESILCNRGHNRRYKTSTL\*H\*WSRVE\*HLNKHS\*KIRNTI\*\*YNNSLYTILRRGPRNYNTQF\*LWRRIFLL\*YDITV\*\*YLE\*KQ\*Y\*DLE\*HWKNRKWQYHTPV\*NQANCKQVARSRKSNVCSSHQGTN\*MFIKYYRAIVNKRWW\*\*\*\*N\*WD\*DLQTWRRKYEGQLEK\*II\*I\*SGKN\*TIRSSTHQGKEKSGAERKKSSRIGSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAEGY\*GATTYVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*IL\*SDLG\*HDLDAVGKRN\*QLHRHNIQIN\*TIAEPARKK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKDIHNDSRRSDRFKNNFYCILYNK\*G\*AGILTFIVTDPPPSSQGTRQARRNRRRRWRARQRQIQSI

>B.2013.MG197133.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSKIHQASLSKQ\*VIHVMNPLPIAAIVALVVVAIIAIIVWTIVIIEYRKILRQRKIDRIINRIIERAEDSGNESEGDQEELSALVEMGHDAHWDIDDL\*CFRKFVGHSLLWGTCVERSKNHSILCIRC\*RI\*DRGT\*CLGHTCMCTHRPQPTRNRIEKYVRIF\*HVEQ\*HGRTNARGYNQLMGSKPKAMCKINTTLCYFKLH\*DKYCS\*Q\*\*\*\*Y\*\*E\*\*\*\*\*W\*W\*\*YRGRTRNKKLFFQNHHKHKR\*DTERICTFL\*S\*SSTNR\*\*\*QKQ\*QL\*\*L\*VDKL\*HLSHYTGLSKGVL\*ANSNTLLCPGWFCYSKV\*R\*ELQWK\*TM\*QCQHSTMYTWN\*ASSINSIAVKWQSSRRRGSN\*I\*KFLEQC\*NHNSTAE\*ICKN\*LYKAQQ\*YKKKYIYRTRESILCNRGHNRKYKTSTL\*H\*WSRVE\*HLNKHS\*KIRNTI\*\*YNNSLYTILRRGPRNYNTQF\*LWRRIFLL\*YDITV\*\*YLE\*KQ\*Y\*DLE\*HWKNRKWQYHTPV\*NQANCKQVARSRKSNVCSSHQGTN\*MFIKYYRAIVNKRWW\*\*\*\*N\*WD\*DLQTWRRKYEGQLEK\*II\*I\*SGKN\*TIRSSTHQGKEKSGAERKKSSRIGSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAEGY\*GATTYVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*IL\*SDLG\*HDLDAVGKRN\*QLHRHNIQIN\*TIAEPARKK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKDIHNDSRRSDRFKNNFYCILYNK\*G\*AGILTFIVTDPPPSSQGTRQARRNRRRRWRARQRRIESI

>B.2013.MG197134.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSKIHQASLSKQ\*VIHVMNPLPIAAIVALVVVAIIAIIVWTIVIIEYRKILRQRKIDRIINRIIERAEDSGNESEGDQEELSALVEMGHDAHWDIDDL\*CFRKFVGHSLLWGTCVERSKNHSILCIRC\*RI\*DRGT\*CLGHTCMCTHRPQPTRNRIEKYVRIF\*HVEQ\*HGRTNARGYNQLMGSKPKAMCKINTTLCYFKLH\*DKYCS\*Q\*\*\*\*Y\*\*E\*\*\*\*\*W\*W\*\*YRGRTRNKKLFFQNHHKHKR\*DTERICTFL\*S\*SNTNR\*\*\*QKQ\*QL\*\*L\*VDKL\*HLSHYTGLSKGVL\*ANSNTLLCPGWFCYSKV\*R\*ELQWK\*TM\*QCQHSTMYTWN\*ASSINSIAVKWQSSRRRGSN\*I\*KFLEQC\*NHNSTAE\*ICKN\*LYKAQQ\*YKKKYIYRTRESILCNRGHNRRYKTSTL\*H\*WSRVE\*HLNKHS\*KIRNTI\*\*YNNSLYTILRRGPRNYNTQF\*LWRRIFLL\*YDITV\*\*YLE\*KQ\*Y\*DLE\*HWKNRKWQYHTPV\*NQANCKQVARSRKSNVCSSHQGTN\*MFIKYYRAIVNKRWW\*\*\*\*N\*WD\*DLQTWRRKYEGQLEK\*II\*I\*SGKN\*TIRSSTHQGKEKSGAERKKSSRIGSFVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAKQFAEGY\*GATTYVATHSLGHQAAPGKSPGCRKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*IL\*SDLG\*HDLDAVGKRN\*QLHRHNIQIN\*TIAEPARKK\*TRIIGIG\*MGKFVELV\*HNKMAVVYKDIHNDSRRSDRFKNNFYCILYNK\*G\*AGILTFIVTDPPPSSQGTRQARRNRRRRWRARQRQIKSI

>B.2013.MG197135.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTKKALGISYGRKKRRQRRRPPQDSKIHQASLSKQ\*VIHVMNPLPIAAIVALVVVAIIAIIVWTIVIIEYRKILRQRKIDRIINRIIERAEDSGNESEGDQEELSALVEMGHDAHWDIDDL\*CFRKFVGHSLLWGTCVERSKNHSILCIRC\*RI\*DRGT\*CLGHTCMCTHRPQPTRNRIEKYVRIF\*HVEQ\*HGRTNARGYNQLMGSKPKAMCKINTTLCYFKLH\*DKYCS\*Q\*\*\*\*Y\*\*E\*\*\*\*\*W\*W\*\*YRGRTRNKKLFFQNHHKHKR\*DTERICTFL\*S\*SSTNR\*\*\*QKQ\*QL\*\*L\*VDKL\*HLSHYTGLSKGVL\*ANSNTLLCPGWFCYSKV\*R\*ELQWK\*TM\*QCQHSTMYTWN\*ASSINSIAVKWQSSRRRGSN\*I\*KFLEQC\*NHNSTAE\*ICKN\*LYKAQQ\*YKKKYIYRTRESILCNRGHNRRYKTSTL\*H\*WSRVE\*HLNKHS\*KIRNTI\*\*YNNSLYTILRRGPRNYNTQF\*LWRRIFLL\*YDITV\*\*YLE\*KQ\*Y\*DLE\*HWKTENGNITLQCRIRQIVNRWQEVGKAMYAPPIRGLIRCSSNITGLLLTRDGGNNNETNGTETFRPGGGNMRDNWRSELYKYKVVKIEPLGVAPTRAKRRVVQREKRAVGLGALFLGFLGAAGSTMGAASITLTVQARQLLSGIVQQQNNLLRAIEAQQHMLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTAVPWNSSWSNKSYDQIWDNMTWMQWEKEIDNYTDTIYRLIEQSQNQQERNEQELLELDKWASLWNWFDITKWLWYIKIFIMIVGGLIGLRIIFTVFSIINRVRQGYSPLSLQTLLPAPRGPDRPEGIEEGGGEQDRGRSNRS

>B.2010.MG197136.-

MEPVDPRLEPWKHPGSQPRTPCNTCYCKKCCLHCQVCFTKKGLGISYGRKKRGQRRRAPLDSETHQTPLPKQ\*VVNVMIALQIAAIVSLVVVGIIAIVVWSIVGIEYRKILRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*YHRKIMGHNLLWGTCVERCRHHSILCIRCKSI\*DRGT\*CLGHACLCTHRPQTTRGSNGQCDRKI\*YVDK\*HGRSDE\*GYNQFMGSKPKAMCKINPTLCYSKLH\*\*TS\*\*N\*EKS\*\*D\*WRVGIQGRRNKKLLFQCHHTNKR\*VAERICTFL\*V\*CSTNNR\*C\*CQQC\*CQQYYLY\*QLY\*L\*VDKL\*HLSHNTGLSKGIL\*ANSHTLLCPGWFCDSKM\*C\*EFQWIRTMYKCQHSTMYTWN\*ASSVNSTTVKWQSSKRRCSN\*ISKFLRQC\*NHNSTTE\*IRIN\*LYKA\*QQYKKKYTYITREGILCNRRHNRRYKTSTL\*P\*\*SRLVQSFKFDSYKIRRTIWE\*\*NNRIQGILRRGPRNCNA\*F\*LWRGIFLL\*LITTV\*QYLEV\*\*YLQYLAV\*KYLEWY\*HLE\*YCYRK\*HYYTPMQNKTNYKLVAGSRKSNVCPSHQRTN\*MFIKYYRTTLNKRWWYYKWE\*Y\*YY\*EQ\*\*\*Y\*DLQTWRRKYEGQLEK\*II\*I\*SSTS\*TIRNSTHQGKEKSGAKRKKSSGNTRSYVPWVLGSSRKHYGRSVIDADGTSQTTIVWYSATAKQLAESY\*GATTSVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLRWKTHLHHCCTLEY\*LE\*\*ISR\*HLE\*HDLDAMGKRN\*QLHRINILLN\*GIAKPTGKE\*KRLIRVG\*MG\*PVELV\*HNKLAVVYKNIHNDSRRLDRFKNSYDCTFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRTL

>B.2010.MG197137.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCCLHCQVCFTKKGLGISYGRKKRGQRRRAPLDSETHQTPLPKQ\*VVNVMIALQIAAIVSLVVVGIIAIVVWSIVGIEYRKILRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVERGHLVPWDVNDL\*YHRKIMGHNLLWGTCVERCRHHSILCIRCKSI\*DRGT\*CLGHACLCTHRPQTTRGSNGQCDRKI\*YVDK\*HGRSDE\*GYNQFVGSKPKAMCKINPTLCYSKLH\*\*TS\*\*N\*EKS\*\*D\*WRVGIQGRRNKKLLFQCHHTNKR\*VAERICTFL\*V\*CSTNNR\*C\*CQQC\*CQQYYLY\*QLY\*L\*VDKL\*HLSHNTGLSKGIL\*ANSHTLLCPGWFYDSKM\*C\*EFQWIRTMYKCQHSTMYTWN\*ASSVNSTTVKWQSSKRRCSN\*ISKFLRHC\*NHNSTTE\*IRIN\*LYKA\*QQYKKKYTYITREGILCNRRHNRRYKTSTL\*P\*\*NRLVQSFKFDSYKIRRTIWE\*\*NNRIQGILXRGPRNCNA\*F\*LWRGIFLL\*LITTV\*QYLEV\*QYLQYLAV\*KYLEWY\*HLE\*YCYRK\*HYYTPMQNKTNYKLVAGSRKSNVCPSHQRTN\*MFIKYYRATLNKRWWYYKWE\*Y\*YY\*EQ\*\*\*Y\*DLQTWRRKYEGQLEK\*II\*I\*SSTS\*TIRNSTHQGKEKSGAKRKKSSGNTRSYVPWVLGSSRKHYGRSVIDSDGTSQTTIVWYSATAKQLAESY\*GATTSVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLRWKTHLHHCCTLEY\*LE\*\*ISR\*HLE\*HDLDAMGKRN\*QLHRINILLN\*GIAKPTGKE\*KRLIRVG\*MG\*PVELV\*HNKLAVVYKNIHNDSRRLNRFKNSYDCTFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRTL

>B.2010.MG197138.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCCLHCQVCFTKKGLGISYGRKKRGQRRRAPLDSETHQTPLPKQ\*VVNVMIALQIAAIVSLVVVGIIAIVVWSIVGIEYRKILRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVERGHLAPWDVNDM\*YHRKIMGHNLLWGTCVERCRHHSILCIRCKSI\*DRGT\*CLGHACLCTHRPQTTRGSNGQCDRKI\*YVDK\*HGRSDE\*GYNQFMGSKPKAMCKINPTLCYSKLH\*\*TS\*\*N\*EKS\*\*D\*WRVGIQGRRNKKLLFQCHHTNKR\*VAERICTFL\*V\*CSTNNR\*C\*CQQYYLY\*QLY\*L\*VDKL\*HLSHNTGLSKGIL\*ANSHTLLCPGWFYDSKM\*C\*EFQWIRTMYKCQHSTMYTWN\*ASSVNSTTVKWQSSKRRCSN\*ISKFLRQC\*NHNSTTE\*IRIN\*LYKA\*QQYKKKYTYITREGILCNRRHNRRYKTSTL\*P\*\*SRLVQSFKFDSYKIRRTIWE\*\*NNRIQGILRRGPRNCNA\*F\*LWRGIFLL\*LITTV\*QYLEV\*QYLQYLAV\*KYLEWY\*HLE\*YCYRK\*HYYTPMQNKTNYKLVAGSRKSNVCPSHQRTN\*MFIKYYRATLNKRWWYYKWE\*Y\*YY\*EQ\*\*\*Y\*DLQTWRRKYEGQLEK\*II\*I\*SSTS\*TIRNSTHQGKEKSGAKRKKSSGNTRSYVPWVLGSSRKHYGRSVIDADGTSQTTIVWYSATAKQLAESY\*GATTSVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLRWKTHLHHCCTLEY\*LE\*\*ISR\*HLE\*HDLDAMGKRN\*QLHRINILLN\*GIAKPTGKE\*KRLIRVG\*MG\*PVELV\*HNKLAVVYKNIHNDSRRLDRFKNSYDCTFYSE\*S\*AGILTIVVSDPTPNPEGTRQARRNRRRRWRERQRQIRTL

>B.2010.MG197139.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCCLHCQVCFTKKGLGISYGRKKRGQRRRAPLDSETHQTPLPKQ\*VVNVMIALQIAAIVSLVVVGIIAIVVWSIVGIEYRKILRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVERGHLAPWDVNDM\*YHRKIMGHNLLWGTCVERCRHHSILCIRCKSI\*DRGT\*CLGHACLCTHRPQTTRGSNGQCDRKI\*YVDK\*HGRSDE\*GYNQFMGSKPKAMCKINPTLCYSKLH\*\*TS\*\*N\*EKS\*\*D\*WRVGIQGRRNKKLLFQCHHTNKR\*VAERICTFL\*V\*CSTNNR\*C\*CQQC\*CQQYYLY\*QLY\*L\*VDKL\*HLSHNTGLSKGIL\*ANSHTLLCPGWFCDSKM\*C\*EFQWIRTMYKCQHSTMYTWN\*ASSVNSTTVKWQSSKRRCSN\*ISKFLRQC\*NHNSTTE\*IRIN\*LYKA\*QQYKKKYTYITREGILCNRRHNRRYKTSTL\*P\*\*SRLVQSFKFDSYKIRRTIWE\*\*NNRIQGILRRGPRNCNA\*F\*LWRGIFLL\*LITTV\*QYLEV\*QYLQYLAV\*KYLEWY\*HLE\*YCYRK\*HYYTPMQNKTNYKLVEGSRKSNVCPSHQRTN\*MFIKYYRATLNKRWWYYKWE\*Y\*YY\*EQ\*\*\*Y\*DLQTWRRKYEGQLEK\*II\*I\*SSTS\*TIRNSTHQGKEKSGAKRKKSSGNTRSYVPWVLGSSRKHYGRSVIDADGTSQTTIVWYSATAKQLAESY\*GATTSVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLRWKTHLHHCCTLEY\*LE\*\*ISR\*HLE\*HDLDAMGKRN\*QLHRINILLN\*GIAKPTGKE\*KRLIRVG\*MG\*PVELV\*HNKLAVVYKNIHNNSRRLDRFKNSYDCTFYSK\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRTL

>B.2010.MG197140.-

MEPVDPRLEPWKHPGSQPGTPCTTCYCKKCCLHCQVCFTKKGLGISYGRKKRGQRRRAPLDSETHQTSLPKQ\*VVNVMIALQIAAIVSLVVVGIIAIVVWSIVGIEYRKILRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVERGHLAPWDVNDM\*YHRKIMGHNLLWGTCVERCRHHSILCIRCKSI\*DRGT\*CLGHACLCTHRPQTTRGSNGQCDRKI\*YVDK\*HGRSDE\*GYNQFMGSKPKAMCKINPTLCYSKLH\*\*TS\*\*N\*EKS\*\*D\*WRVGIQGRRNKKLLFQCHHTNKR\*VAERICTFL\*V\*CSTNNR\*C\*CQQC\*CQQYYLY\*QLY\*L\*VDRL\*HLSHNTGLSKGIL\*ANSHTLLCPGWFCDSKM\*C\*EFQWIRTMYKCQHSTMYTWN\*ASSVNSTTVKWQSSKRRCSN\*ISKFLRQC\*NHNSTTE\*IRIN\*LYKA\*QQYKKKYTYITREGILCNRRHNRRYKTSTL\*P\*\*SRLVQSFKFDSYKIRRTIWE\*\*NNRIQGILRRGPRNCNA\*F\*LWRGIFLL\*LITTV\*QYLEV\*QYLQYLAV\*KYLEWY\*HLE\*YCYRK\*HYYTPMQNKTNYKLVEGSRKSNVCPSHQRTN\*MFIKYYRATLNKRWWYYKWE\*Y\*YY\*EQ\*\*\*Y\*DLQTWRRKYEGQLEK\*II\*I\*SSTS\*TIRNSTHQGKEKSGAKRKKSSGNTRSYVPWVLGSSRKHYGRSVIDADGTSQTTIVWYSATAKQLAESY\*GATTSVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLRWKTHLHHCCTLEY\*LE\*\*ISR\*HLE\*HDLDAMGKRN\*QLHRINILLN\*GIAKPTGKE\*KRLIRVG\*MG\*PVELV\*HNKLAVVYKNIHNDSRRLDRFKNSYDCTFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRTL

>B.2010.MG197141.-

MEPVDPRLEPWKHPGSQPGTPCTTCYCKKCCLHCQVCFTKKGLGISYGRKKRGQRRRAPLDSETHQTPLPKQ\*VVNVMIALQIAAIVSLVVVGIIAIVVWSIVGIEYRKILRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*YHRKIMGHNLLWGTCVERCRHHSILCIRCKSI\*DRGT\*CLGHACLCTHRPQTTRGSNGQCDRKI\*YVDK\*HGRSDE\*GYNQFMGSKPKAMCKINPTLCYSKLH\*XTS\*\*N\*EKS\*\*D\*WRVGIQGRRNKELLFQCHHTNKR\*VAERICTFL\*V\*CSTNNR\*C\*CQQC\*CQQYYLY\*QLY\*L\*VDKL\*HLSHNTGLSKGIL\*ANSHTLLCPGWFCDSKM\*C\*EFQWIRTMYKCQHSTMYTWN\*ASSVNSTTVKWQSSKRRCSN\*ISKFLRQC\*NHNSTTE\*IRIN\*LYKA\*QQYKKKYTYITREGILCNRRHNRRYKTSTL\*P\*\*SRLVQSFKFDSYKIRRTIWE\*\*NNRIQGILRRGPRNCNA\*F\*LWRGIFLL\*LITTV\*QYLEV\*QYLQYLAV\*KYLEWY\*HLE\*YCYRK\*HYYTPMQNKTNYKLVAGSRKSNVCPSHQRTN\*MFIKYYRATLNKRWWYYKWE\*Y\*YY\*EQ\*\*\*Y\*DLQTWRRKYEGQLEK\*II\*I\*SSTS\*TIRNSTHQGKEKSGAKRKKSSGNTRSYVPWVLGSSRKHYGRSVIDADGTSQTTIVWYSATAKQLAESY\*GATTSVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLRWKTHLHHCCTLEY\*LE\*\*ISR\*HLE\*HDLDAMGKRN\*QLHRINILLN\*GIAKPTGKE\*KRLIRVG\*MG\*PVELV\*HNKLAVVYKNIHNDSRRLDRFKNSYDCTFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRTL

>B.2010.MG197142.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCCLHCQVCFTKKA\*ASPMAGRSGGSDEELLWTVRLIRHLYQSSK\*\*M\*\*\*PYK\*QQ\*YH\*\*\*\*E\*\*Q\*LCGP\*\*E\*NIGKY\*DKGK\*TGYLIE\*EKEQKTVEMRVTGIRKNYQHLWKGGILFLGMLMICSTTEKLWVTIYYGVPVWKDADTTLFCASDAKAYETEVHNVWATHACVPTDPKPQEVVMDNVTEKFNMWTNNMVDQMNEDNQFMGSKPKAMCKINPTLCYSKLH\*\*TS\*\*N\*EKS\*\*D\*WRVGIQGRRNKKLLFQCHHTNKR\*VAERICTFL\*V\*CSTNNR\*C\*CQQC\*CQQYYLY\*QLY\*L\*VDKL\*HLSHNTGLSKGIL\*ANSNTLLCPGWFCDSKM\*C\*EFQWIRTMYKCQHSTMYTWN\*ASSVNSTTVKWQSSKRRCSN\*ISKFLRHC\*NHNSTTE\*IRIN\*LYKA\*QQYKKKYTYITREGILCNRRHNRRYKTSTL\*P\*\*SRLVQSFKFDSYKIRRTIWE\*\*NNRIQGILRRGPRNCNA\*F\*LWRGIFLL\*LITTV\*QYLEV\*QYLQYLAV\*KYLEWY\*HLE\*YCYRK\*HYYTPMQNKTNYKLVAGSRKSNVCPSHQRTN\*MFIKYYRATLNKRWWYYKWE\*Y\*YY\*EQ\*\*\*Y\*DLQTWRRKYEGQLEK\*II\*I\*SSTS\*TIRNSTHQGKEKSGAKRKKSSGNTRSYVPWVLGSSRKHYGRSVIDSDGTSQTTIVWYSATAKQLAESY\*GATTSVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLRWKTHLHHCCTLEY\*LE\*\*ISR\*HLE\*HDLDAMGKRN\*QLHRINILLN\*GIAKPTGKE\*KRLIRVG\*MG\*PVELV\*HNKLAVVYKNIHNDSRRLDRFKNSYDCTFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRTL

>B.2010.MG197143.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCCLHCQVCFTKKGLGISYGRKKRGQRRRAPLDSETHQTPLPKQ\*VVNVMIALQIAAIVSLVVVGIIAIVVWSIVGIEYRKILRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*YHRKIMGHNLLWGTCVERCRHHSILCIRCKSI\*DRGT\*CLGHACLCTHRPQTTRGSNGQCDRKI\*YVDK\*HGRSDE\*GYNQFMGSKPKAMCKINPTLCYSKLH\*\*TS\*\*N\*EKS\*\*D\*WRVGIQGRRNKKLLFQCHHTNKR\*VAERICTFL\*V\*CSTNNR\*C\*CQQC\*CQQYYLY\*QLY\*L\*VDKL\*HLSHNTGLSKGIL\*ANSHTLLCPGWFCDSKM\*C\*EFQWIRTMYKCQHSTMYTWN\*ASSVNSTTVKWQSSKRRCSN\*ISKFLRQC\*NHNSTTE\*IRIN\*LYKA\*QQYKKKYTYITREGILCNRRHNRRYKTSTL\*P\*\*SRLVQSFKFDSYKIRRTIWE\*\*NNRIQGILGRGPRNCNA\*F\*LWRGIFLL\*LITTV\*QYLEV\*QYLQYLAV\*KYLEWY\*HLE\*YCYRK\*HYYTPMRNKTNYKLVAGSRKSDVCPSHQRTN\*MFIKYYRATLNKRWWYYKWE\*Y\*YY\*EQ\*\*\*Y\*DLQTWRRKYEGQLEK\*II\*I\*SSTS\*TIRNSTHQGKEKSGAKRKKSSGNTRSYVPWVLGSSRKHYGRSVIDSDGTSQTTIVWYSATAKQLAESY\*GATTSVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLRWKTHLHHCCTLEY\*LE\*\*ISR\*HLE\*HDLDAMGKRN\*QLHRINILLN\*GIAKPTGKE\*KRLIRVG\*MG\*PVELV\*HNKLAVVYKNIHNDSRRLDRFKNSYDCTFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRTL

>B.2010.MG197144.-

MEPVDPRLEPWKHPGSKPRTPCTTCYCKKCCLHCQVCFTKKGLGISYGRKKRGQRRRAPLDSETHQTPLPKQ\*VVNVMIALQIAAIVSLVVVGIIAIVVWSIVGIEYRKILRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVERGHLAPWDVNDL\*YHRKIMGHNLLWGTCVERCRHHSILCIRCKSI\*DRGT\*CLGHACLCTHRPQTTRGSNGQCDRKI\*YVDK\*HGRSDE\*GYNQFMGSKPKAMCKINPTLCYSKLH\*\*TS\*\*N\*EKS\*\*D\*WRVGIQGRRNKKLLFQCHHTNKR\*VAERICTFL\*V\*CSTNNR\*C\*CQQC\*CQQYYLY\*QLY\*L\*VDKL\*HLSHNTGLSKGIL\*ANSHTLLCPGWFYDSKM\*C\*EFQWIRTMYKCQHSTMYTWN\*ASSVNSTTVKWQSSKRRCSN\*ISKFLRHC\*NHNSTTE\*IRIN\*LYKA\*QQYKKKYTYITREGILCNRRHNRRYKTSTL\*P\*\*SRLVQSFKFDSYKIRRTIWE\*\*NNRIQGILRRGPRNCNA\*F\*LWRGIFLL\*LITTV\*QYLEV\*QYLQYLAV\*KYLEWY\*HLE\*YCYRK\*HYYTPMQNKTNYKLVAGSRKSNVCPSHQRTN\*MFIKYYRATLNKRWWYYKWE\*Y\*YY\*EQ\*\*\*Y\*DLQTWRRKYEGQLEK\*II\*I\*SSTS\*TIRNSTHQGKEKSGAKRKKSSGNTRSYVPWVLGSSRKHYGRSVIDSDGTSQTTIVWYSATAKQLAESY\*GATTSVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLRWKTHLHHCCTLEY\*LE\*\*ISR\*HLE\*HDLDAMGKRN\*QLHRINILLN\*GIAKPTGKE\*KRLIRVG\*MG\*PVELV\*HNKLAVVYKNIHNDSRRLDRFKNSYDCTFYSE\*S\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRTL

>B.2010.MG197145.-

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCCLHCQVCFTKKGLGISYGRKKRGQRRRAPLDSETHQTPLPKQ\*VVNVMIALQIAAIVSLVVVGIIAIVVWSIVGIEYRKILRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVERGHLASWDVNDL\*YHRKIMGHNLLWGTCVERCRHHSILCIRCKSI\*DRGT\*CLGHACLCTHRPQTTRGSNGQCDRKI\*YVDK\*HGRSDE\*GYNQFMGSKPKAMCKINPTLCYSKLH\*\*TS\*\*N\*EKS\*\*D\*WRVGIQGRRNKKLLFQCHHTNKR\*VAERICTFL\*V\*CSTNNR\*C\*CQQC\*CQQYYLY\*QLY\*L\*VDKL\*HLSHNTGLSKGIL\*ANSHTLLCPGWFYDSKM\*C\*EFQWIRTMYKCQHSTMYTWN\*ASSVNSTTVKWQSSKRRCSN\*ISKFLRQC\*NHNSTTE\*IRIN\*LYKA\*QQYKKKYTYITREGILCNRRHNRRYKTSTL\*P\*\*SRLVQSFKFDSYKIRRTI\*E\*\*NNRIQGILRRGPRNCNA\*F\*LWRGIFLL\*LITTV\*QYLEV\*QYLQYLAV\*KYLEWY\*HLE\*YCYRK\*HYYTPMQNKTNYKLVAGSRKSNVCPSHQRTN\*MFIKYYRATLNKRWWYYKWE\*Y\*YY\*EQ\*\*\*Y\*DLQTWRRKYEGQLEK\*II\*I\*SSTS\*TIRNSTHQGKEKSGAKRKKSSGNTRSYVPWVLGSSRKHYGRSVIDSDGTSQTTIVWYSATAKQLAESY\*GATTSVATHSLGH\*AAPGKSPGCGKIPKGSTAPRNLGLRWKTHLHHCCTLEY\*LE\*\*ISR\*HLE\*HDLDAMGKRN\*QLHRINILLN\*GIAKPTGKE\*KRLIRVG\*MG\*PVELV\*HNKLAVVYKNIHNDSRRLDRFKNSYDCTFYSESS\*AGILTIVVSDPPPNPEGTRQARRNRRRRWRERQRQIRTL

>B.2011.MG197146.-

MDPVDPSLDPWNHPGSQPKTACNTCYCKKCCCHCQHCFLKKGLGIYYGRKKRRQRRRAPQDSETHQGYLPGQ\*VVHVMSSLYILGVVALVVAGILAIIVWSLVFIEYRKIRRQEKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDIDDL\*GCRTTVGHSLLWGTCMERSKYYSILCIRC\*SICSRGT\*CLGHTCLCTHRPQSTRTKIRKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKVNPTLCYFKVY\*CWKC\*EY\*\*\*Y\*\*QWDY\*YPCH\*YS\*WHGRQGKHKKLLFQCHHRRRG\*GTSRLCTF\*\*T\*YNTNR\*\*\*\*GI\*VNKL\*HLSHYPGLSKGIL\*TNSYTLLCPGWLCASKV\*\*\*EI\*WIRTLHKCQLSTMYTWY\*TSSINSTAAKWQFSRRRGND\*I\*QFQKQC\*NYNSTAK\*ICSN\*LYQAQQQHKKRYTYGTRENILCNRHNRRYKKSTLYP\*\*SKME\*HFKTHSWKIKRAIWEE\*NNRI\*ELLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLG\*\*\*YLG\*\*YHRVK\*NYYTPMQNKTNYKHVAGSRKSNVCPSHQRTDWMFLKYYRAIVNKRWW\*C\*EGQKRHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVHWVPGSSWEHYGRSVTDADGTGQTIVVWYSAAAKQFADGY\*GATASVATHSLGH\*AAPGESPSCGKLPKGSTAPGDLGLRWKTHLHHQCALEY\*LE\*E\*ISGISGLHLEEHDLDAVGKRN\*QLHTLNIHLN\*RITGPTRTE\*KGLIRIGSMGKSMELVHHNKLAVVYKNIHNDSRRLDRFKNSFYCIFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRYIRAI

>B.2011.MG197147.-

MDPVDPSLDPWNHPGSQPKTACNTCYCKKCCCHCQHCFLKKGLGIYYGRKKRRQRRRAPQDSETHQGYLPGQ\*VVHVMSSLYILGVVALVVAGILAIIVWSLVFIEYRKIRRQEKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDIDDL\*GCRTTVGHSLLWGTCMERSKYYSILCIRC\*SICSRGT\*CLGHTCLCTHRPQSTRTKIRKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKVNPTLCYFKVY\*CWKC\*EY\*\*\*Y\*\*QWDY\*YPCH\*YS\*WHGRQGKHKKLLFQCHHRRRG\*GTSRLCTF\*\*T\*YNTNR\*\*\*\*GI\*VNKL\*HLSHYPGLSKGIL\*TNSYTLLCPGWLCASKV\*\*\*EI\*WIRTLHKCQLSTMYTWY\*TSSINSTAAKWQFSRRRGND\*I\*QFQKQC\*NYNSTAK\*ICSN\*LYQAQQQHKKRYTYGTRENILCNRHNRRYKKSTLYP\*\*SKME\*HFKTHSWKIKRAIWEE\*NNRI\*ELLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLG\*\*\*YLG\*\*YHRVK\*NYYTPMQNKTNYKHVAGSRKSNVCPSHQRTDWMFLKYYRAIVNKRWW\*C\*EGQKRHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVHWVPGSSWEHYGRSVTDADGTGQTIVVWYSAAAKQFADGY\*GATASVATHSLGH\*AAPGESPSCGKLPKGSTAPGDLGLRWKTHLHHQCALEY\*LE\*E\*ISGISGLHLEEHDLDAVGKRN\*QLHTLNIHLN\*RITGPTRTE\*KGLIRIGSMGKSMELVHHNKLAVVYKNIHNDSRRLDRFKNSFYCIFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRYIRAI

>B.2011.MG197148.-

MDPVDPSLDPWNHPGSQPKTACNTCYCKKCCCHCQHCFLKKGLGIYYGRKKRRQRRRAPQDSETHQGYLPGQ\*VVHVMSSLYILGVVALVVAGILAIIVWSLVFIEYRKIRRQEKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDIDDL\*GCRTTVGHSLLWGTCMERSKYYSILCIRC\*SICSRGT\*CLGHTCLCTHRPQSTRTKIRKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKVNPTLCYFKVY\*CWKC\*EY\*\*\*Y\*\*QWDY\*YPCH\*YS\*WHGRQGKHKKLLFQCHHRRRG\*GTSRLCTF\*\*T\*YNTNR\*\*\*\*GI\*VNKL\*HLSHYPGLSKGIL\*TNSYTLLCPGWLCASKV\*\*\*EI\*WIRTLHKCQLSTMYTWY\*TSSINSTAAKWQFSRRRGND\*I\*QFQKQC\*NYNSTAK\*ICSN\*LYQAQQQHKKRYTYGTRENILCNRHNRRYKKSTLYP\*\*SKME\*HFKTHSWKIKRAIWEE\*NNRI\*ELLRRGPRNCNAQF\*LWRXIFLL\*FNTTV\*\*YLG\*\*\*YLG\*\*YHRVK\*NYYTPMQNKTNYKHVAGSRKSNVCPSHQRTDWMFLKYYRAIVNKRWW\*C\*EGQKRHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVHWVPGSSWEHYGRSVTDADGTGQTIVVWYSAAAKQFADGY\*GATASVATHSLGH\*AAPGESPSCGKLPKGSTAPGDLGLRWKTHLHHQCALEY\*LE\*E\*ISGISGLHLEEHDLDAVGKRN\*QLHTLNIHLN\*RITGPTRTE\*KGLIRIGSMGKSMELVHHNKLAVVYKNIHNDSRRLDRFKNSFYCIFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRYIRAI

>B.2011.MG197149.-

MDPVDPSLDPWNHPGSQPKTACNTCYCKKCCCHCQHCFLKKGLGIYYGRKKRRQRRRAPQDSETHQGYLPGQ\*VVHVMSSLYILGVVALVVAGILAIIVWSLVFIEYRKIRRQEKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDIDDL\*GCRTTVGHSLLWGTCMERSKYYSILCIRC\*SICSRGT\*CLGHTCLCTHRPQSTRTKIRKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKVNPTLCYFKVY\*CWKC\*EY\*\*\*Y\*\*QWDY\*YPCH\*YS\*WHGRQGKHKKLLFQCHHRRRG\*GTSRLCTF\*\*T\*YNTNR\*\*\*\*GI\*VNKL\*HLSHYPGLSKGIL\*TNSYTLLCPGWLCASKV\*\*\*EI\*WIRTLHKCQLSTMYTWY\*TSSINSTAAKWQFSRRRGND\*I\*QFQKQC\*NYNSTAK\*ICSN\*LYQAQQQHKKRYTYGTRENILCNRHNRRYKKSTLYP\*\*SKME\*HFKTHSWKIKRAIWEE\*NNRI\*ELLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLG\*\*\*YLG\*\*YHRVK\*NYYTPMQNKTNYKHVAGSRKSNVCPSHQRTDWMFLKYYRAIVNKR\*W\*C\*EGQKRHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVHWVPGSSWEHYGRSVTDADGTGQTIVVWYSAAAKQFADGY\*GATASVATHSLGH\*AAPGESPSCGKLPKGSTAPGDLGLRWKTHLHHQCALEY\*LE\*E\*ISGISGLHLEEHDLDAVGKRN\*QLHTLNIHLN\*RITGPTRTE\*KGLIRIGSMGKSMELVHHNKLAVVYKNIHNDSRRLDRFKNSFYCIFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRYIRAI

>B.2011.MG197150.-

MDPVDPSLDPWNHPGSQPKTACNTCYCKKCCCHCQHCFLKKGLGIYYGRKKRRQRRRAPQDSETHQGYLPGQ\*VVHVMSSLYILGVVALVVAGILAIIVWSLVFIEYRKIRRQEKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDIDDL\*GCRTTVGHSLLWGTCMERSKYYSILCIRC\*SICSRGT\*CLGHTCLCTHRPQSTRTKIRKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKVNPTLCYFKVY\*CWKC\*EY\*\*\*Y\*\*QWDY\*YPCH\*YS\*WHGRQGKHKKLLFQCHHRRRG\*GTSRLCTF\*\*T\*YNTNR\*\*\*\*GI\*VNKL\*HLSHYPGLSKGIL\*TNSYTLLCPGWLCASKV\*\*\*EI\*WIRTLHKCQLSTMYTWY\*TSSINSTAAKWQFSRRRGND\*I\*QFQKQC\*NYNSTAK\*ICSN\*LYQAQQQHKKRYTYGTRENILCNRHNRRYKKSTLYP\*\*SKME\*HFKTHSWKIKRAIWEE\*NNRI\*ELLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLG\*\*\*YLG\*\*YHRVK\*NYYTPMQNKTNYKHVAGSRKSNVCPSHQRTDWMFLKYYRAIVNKRWW\*C\*EGQKRHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVHWVPGSSWEHYGRSVTDADGTGQTIVVWYSAAAKQFADGY\*GATASVATHSLGH\*AAPGESPSCGKLPKGSTAPGDLGLRWKTHLHHQCALEY\*LE\*E\*ISGISGLHLEEHDLDAVGKRN\*QLHTLNIHLN\*RITGPTRTE\*KGLIRIGSMGKSMELVHHNKLAVVYKNIHNDSRRLDRFKNSFYCIFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRYIRAI

>B.2011.MG197151.-

MDPVDPSLDPWNHPGSQPKTACNTCYCKKCCCHCQHCFLKKGLGIYYGRKKRRQRRRAPQDSETHQGYLPGQ\*VVHVMSSLYILGVVALVVAGILAIIVWSLVFIEYRKIRRQEKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDIDDL\*GCRTTVGHSLLWGTCMERSKYYSILCIRC\*SICSRGT\*CLGHTCLCTHRPQSTRTKIRKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKVNPTLCYFKVY\*CWKC\*EY\*\*\*Y\*\*QWDY\*YPCH\*YS\*WHGRQGKHKKLLFQCHHRRRG\*GTSRLCTF\*\*T\*YNTNR\*\*\*\*GI\*VNKL\*HLSHYPGLSKGIL\*TNSYTLLCPGWLCASKV\*\*\*EI\*WIRTLHKCQLSTMYTWY\*TSSINSTAAKWQFSRRRGND\*I\*QFQKQC\*NYNSTAK\*ICSN\*LYQAQQQHKKRYTYGTRENILCNRHNRRYKKSTLYP\*\*SKME\*HFKTHSWKIKRAIWEE\*NNRI\*ELLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLG\*\*\*YLG\*\*YHRVK\*NYYTPMQNKTNYKHVAGSRKSNVCPSHQRTDWMFLKYYRAIVNKRWW\*C\*EGQKRHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVHWVPGSSWEHYGRSVTDADGTGQTIVVWYSAAAKQFADGY\*GATASVATHSLGH\*AAPGESPSCGKLPKGSTAPGDLGLRWKTHLHHQCALEY\*LE\*E\*ISGISGLHLEEHDLDAVGKRN\*QLHTLNIHLN\*RITGPTRTE\*KGLIRIGSMGKSMELVHHNKLAVVYKNIHNDSRRLDRFKNSFYCIFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRYIRAI

>B.2011.MG197152.-

MDPVDPSLDPWNHPGSQPKTACNTCYCKKCCCHCQHCFLKKGLGIYYGRKKRRQRRRAPQDSETHQGYLPGQ\*VVHVMSSLYILGVVALVVAGILAIIVWSLVFIEYRKIRRQEKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDIDDL\*GCRTTVGHSLLWGTCMERSKYYSILCIRC\*SICSRGT\*CLGHTCLCTHRPQSTRTKIRKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKVNPTLCYFKVY\*CWKC\*EY\*\*\*Y\*\*QWDY\*YPCH\*YS\*WHGRQGKHKKLLFQCHHRRRG\*GTSRLCTF\*\*T\*YNTNR\*\*\*\*GI\*VNKL\*HLSHYPGLSKGIL\*TNSYTLLCPGWLCASKV\*\*\*EI\*WIRTLHKCQLSTMYTWY\*TSSINSTAAKWQFSRRRGND\*I\*QFQKQC\*NYNSTAK\*ICSN\*LYQAQQQHKKRYTYGTRENILCNRHNRRYKKSTLYP\*\*SKME\*HFKTHSWKIKRAIWEE\*NNRI\*ELLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLG\*\*\*YLG\*\*YHRVK\*NYYTPMQNKTNYKHVAGSRKSNVCPSHQRTDWMFLKYYRAIVNKRWW\*C\*EGQKRHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFGHWVPGSSWEHYGRSVTDADGTGQTIVVWYSAAAKQFADGY\*GATASVATHSLGH\*AAPGESPSCGKLPKGSTAPGDLGLRWKTHLHHQCALEY\*LE\*E\*ISGISGLHLEEHDLDAVGKRN\*QLHTLNIHLN\*RITGPTRTE\*KGLIRIGSMGKSMELVHHNKLAVVYKNIHNDSRRLDRFKNSFYCIFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRYIRAI

>B.2011.MG197153.-

MDPVDPSLDPWNHPGSQPKTACNTCYCKKCCCHCQHCFLKKGLGIYYGRKKRRQRRRAPQDSETHQGYLPGQ\*VVHVMSSLYILGVVALVVAGILAIIVWSLVFIEYRKIRRQEKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDIDDL\*GCRTTVGHSLLWGTCMERSKYYSILCIRC\*SICSRGT\*CLGHTCLCTHRPQSTRTKIRKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKVNPTLCYFKVY\*CWKC\*EY\*\*\*Y\*\*QWDY\*YPCH\*YS\*WHGRQGKHKKLLFQCHHRRRG\*GTSRLCTF\*\*T\*YNTNR\*\*\*\*GI\*VNKL\*HLSHYPGLSKGIL\*TNSYTLLCPGWLCASKV\*\*\*EI\*WIRTLHKCQLSTMYTWY\*TSSINSTAAKWQFSRRRGND\*I\*QFQKQC\*NYNSTAK\*ICSN\*LYQAQQQHKKRYTYGTRENILCNRHNRRYKKSTLYP\*\*SKME\*HFKTHSWKIKRAIWEE\*NNRI\*ELLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLG\*\*\*YLG\*\*YHRVK\*NYYTPMQNKTNYKHVAGSRKSNVCPSHQRTDWMFLKYYRAIVNKRWW\*C\*EGQKRHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVHWVPGSSWEHYGRSVTDADGTGQTIVVWYSAAAKQFADGY\*GATASVATHSLGH\*AAPGESPSCGKLPKGSTAPGDLGLRWKTHLHHQCALEY\*LE\*E\*ISGISGLHLEEHDLDAVGKRN\*QLHTLNIHLN\*RITGPTRTE\*KGLIRIGSMGKSMELVHHNKLAVVYKNIHNDSRRLDRFKNSFYCIFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRYIRAI

>B.2011.MG197154.-

MDPVDPSLDPWNHPGSQPKTACNTCYCKKCCCHCQHCFLKKGLGIYYGRKKRRQRRRAPQDSETHQGYLPGQ\*VVHVMSSLYILGVVALVVAGILAIIVWSLVFIEYRKIRRQEKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDIDDL\*GCRTTVGHSLLWGTCMERSKYYSILCIRC\*SICSRGT\*CLGHTCLCTHRPQSTRTKIRKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKVNPTLCYFKVY\*CWKC\*EY\*\*\*Y\*\*QWDY\*YPCH\*YS\*WHGRQGKHKKLLFQCHHRRRG\*GTSRLCTF\*\*T\*YNTNR\*\*\*\*GI\*VNKL\*HLSHYPGLSKGIL\*TNSYTLLCPGWLCASKV\*\*\*EI\*WIRTLHKCQLSTMYTWY\*TSSINSTAAKWQFSRRRGND\*I\*QFQKQC\*NYNSTAK\*ICSN\*LYQAQQQHKKRYTYGTRENILCNRHNRRYKKSTLYP\*\*SKME\*HFKTHSWKIKRAIWEE\*NNRI\*ELLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLG\*\*\*YLG\*\*YHRVK\*NYYTPMQNKTNYKHVAGSRKSNVCPSHQRTDWMFLKYYRAIVNKRWW\*C\*EGQKRHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVHWVPGSSWEHYGRSVTDADGTGQTIVVWYSAAAKQFADGY\*GATASVATHSLGH\*AAPGESPSCGKLPKGSTAPGDLGLRWKTHLHHQCALEY\*LE\*E\*ISGISGLHLEEHDLDAVGKRN\*QLHTLNIHLN\*RITGPTRTE\*KGLIRIGSMGKSMELVHHNKLAVVYKNIHNDSRRLDRFKNSFYCIFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRYIRAI

>B.2011.MG197155.-

MDPVDPSLDPWNHPGSQPKTACNTCYCKKCCCHCQHCFLKKGLGIYYGRKKRRQRRRAPQDSETHQGYLPGQ\*VVHVMSSLYILGVVALVVAGILAIIVWSLVFIEYRKIRRQEKIDRLIDRIRERAEDSGNESDGDQEELSALVERGHLAPWDIDDL\*GCRTTVGHSLLWGTCMERSKYYSILCIRC\*SICSRGT\*CLGHTCLCTHRPQSTRTKIRKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKVNPTLCYFKVY\*CWKC\*EY\*\*\*Y\*\*QWDY\*YPCH\*YS\*WHGRQGKHKKLLFQCHHRRRG\*GTSRLCTF\*\*T\*YNTNR\*\*\*\*GI\*VNKL\*HLSHYPGLSKGIL\*TNSYTLLCPGWLCASKV\*\*\*EI\*WIRTLHKCQLSTMYTWY\*TSSINSTAAKWQFSRRRGND\*I\*QFQKQC\*NYNSTAK\*ICSN\*LYQAQQQHKKRYTYGTRENILCNRHNRRYKKSTLYP\*\*SKME\*HFKTHSWKIKRAIWEE\*NNRI\*ELLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLG\*\*\*YLG\*\*YHRVK\*NYYTPMQNKTNYKHVAGSRKSNVCPSHQRTDWMFLKYYRAIVNKRWW\*CLEGQKRHRDLQTCRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVHWVPGSSWEHYGRSVTDADGTGQTIVVWYSAAAKQFADGY\*GATASVATHSLGH\*AAPGESPSCGKLPKGSTAPGDLGLRWKTHLHHQCALEY\*LE\*E\*ISGISGLHLEEHDLDAVGKRN\*QLHTLNIHLN\*RITGPTRTE\*KGLIRIGSMGKSMELVHHNKLAVVYKNIHNDSRRLDRFKNSFYCIFYSE\*S\*AGILTIIISDPPPSPEGTRQARRNRRRRWRERQRYIRAI

>B.2012.MG197164.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSPRRRAPQSSQAHQDPLPKQ\*VEQVMQTTLVIVSIVALVVAAILAIVVWTLVLIEYKKLLRQRKIDRIIDRIRERAEDSGNESEGDQEELSTLVEMGHDAPWDVDDL\*CFRNIVGHSLLWGTCMERSNYHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRNDIRKCDRKF\*RVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPALCHFKLH\*SECY\*YQ\*QYC\*Y\*W\*CYP\*Y\*DEKLLFQCHHKHKK\*DAERICTFI\*T\*FSTNRGG\*YKLCIDKL\*HLNHYTGLSKGIL\*TNSYTLLCPGWFCDSKM\*R\*GIQWNRAVYKCQHSTMYTWN\*ASSVNSTAVKWQSIRRRRSNQI\*KFHG\*C\*NHNSTAE\*IHKHYLYKT\*\*QYNEKYPYRTRESILCNRRDNRRYKTSTL\*SFYNKME\*DFRKGIHKIKKTIWGKQNNNL\*SIHRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLAFK\*\*YLVE\*\*YCE\*WKHHTPMQNKTNYKQVAGSRKSNVCPSHQGTN\*MYIKYYRDTTNKRWWC\*QYTERDLQTYRRKYEGQLEK\*II\*I\*SSRN\*AIRNSTHQGKKKSGAERKKSSGTGSCLPWVLGSSRQHYGRSVNNADGTSQTINVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSLGCGKIPKGSTAPRALGLLWKTHLHHYCALEC\*LE\*\*ISK\*DLG\*HDLDAVGKRN\*QLHRLDIQLTFRIARATRKE\*TRIIGTG\*MGKLVDLV\*HIKLAMVYKNIHNDSRGLSRFKNSLYCAFYSK\*S\*EGILTIIIPDPYPNLEGTTRQARRNRRRRWRERQRQIRGI

>B.2012.MG197169.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSPRRRAPQSSQAHQDPLPKQ\*VEQVMQTTLVIVSIVALVVAAILAIVVWTLVLIEYKKLLRQRKIDRIIDRIRERAEDSGNESEGDQEELSTLVEMGHDAPWDVDDL\*CFRNIVGHSLLWGTCMERSNYHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRNDIRKCDRKF\*RVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPALCHFKLH\*SECY\*YQ\*QYC\*Y\*W\*CYP\*Y\*DEKLLFQCHHKHKK\*DAERICTFI\*T\*FSTNRGG\*YKLCIDKL\*HLNHYTGLSKGIL\*TNSYTLLCPGWFCDSKM\*R\*GIQWNRAVYKCQHSTMYTWN\*ASSVNSTAVKWQSIRRRRSNQI\*KFHG\*C\*NHNSTAE\*IHKHYLYKT\*\*QYNEKYPYRTRESILCNRRDNRRYKTSTL\*SFYNKME\*DFRKGIHKIKKTIWGKQNNNL\*SIHRRGPRKCNAQF\*LWRGIFLL\*YNTTV\*\*YLAFK\*\*YLVEY\*YCE\*WKHHTPMQNKTNYKQVAGSRKSNVCPSHQGTN\*MYIKYYRDTTNKRWW\*\*QYTERDLQTYRRKYEGQLEK\*II\*I\*SSRN\*AIRNSTHQGKKKSGAERKKSSGTGSCLPWVLGSSRQHYGRSVNNADGTSQTINVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSLGCGKIPKGSTAPRALGLLWKTHLHHYCALEC\*LE\*\*ISK\*DLG\*HDLDAVGKRN\*QLHRLDIQLTFRIARATRKE\*TRIIGTG\*MGKLVDLV\*HIKLAMVYKNIHNDSRGLSRFKNSLYCAFYSK\*S\*EGILTIIIPDPYPNLEGATRQARRNRRRRWRERQRQIRGI

>B.2012.MG197175.-

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRSPRRRAPQSSQAHQDPLPKQ\*VEQVMQTTLVIVSIVALVVAAILAIVVWTLVLIEYKKLLRQRKIDRIIDRIRERAEDSGNESEGDQEELSTLVEMGHDAPWDVDDL\*CFRNIVGHSLLWGTCMERSNYHSILCIRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRNDIRKCDRKF\*RVEK\*HGRTDA\*GYN\*FMGSKPKAMCKINPALCHFKLH\*SECY\*YQ\*QYC\*Y\*W\*CYP\*Y\*DEKLLFQCHHKHKK\*DAERICTFI\*TGFSTNRGG\*YKLCIDKL\*HLNHYTGLSKGIL\*TNSYTLLCPGWFCDSKM\*R\*GIQWNRAVYKCQHSTMYTWN\*ASSVNSTAVKWQSIRRRRSNQI\*KFHG\*C\*NHNSTAE\*IHKHYLYKT\*\*QYNEKYPYRTRESILCNRRDNRRYKTSTL\*SFYNKME\*DFRKGIHKIKKTIWGKQNNNL\*SIHRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLAFK\*\*YLVE\*\*YCE\*WKHHTPMQNKTNYKQVAGSRKSNVCPSHQGTN\*MYIKYYRDTTNKRWWC\*QYTERDLQTYRRKYEGQLEK\*II\*I\*SSRN\*AIRNSTHQGKKKSGAERKKSSGTGSCLPWVLGSSRQHYGRSVNNADGTSQTINVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSLGCGKIPKGSTAPRALGLLWKTHLHHYCALEC\*LE\*\*ISK\*DLG\*HDLDAVGKRN\*QLHRLDIQLTFRIARATRKE\*TRIIGTG\*MGKLVDLV\*HIKLAMVYKNIHNDSRGLSRFKNSLYCAFYSK\*S\*EGILTIIIPDPYPNLEGTTRQARRNRRRRWRERQRQIRGI

>B.2012.MG197176.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCYHCPVCFTTKGLGISYGRKKRGQRRRPPQDNQTDQAPLPKQ\*VVHVMQPLHIAAIVALVVAAILAIIVWSIVLIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELATLMERGHDAPWIINDL\*CYRKLVGHSILWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGNTCLCTHKPQPTRNSNSKCDRKF\*YVEKSNGRTNA\*GYN\*FMGSEPKAMCKINPTLCFFRM\*GF\*VE\*Y\*HH\*Q\*Q\*YTDGDRRNKKLHFQYHHKHKR\*DEERICLVL\*S\*YSTNN\*\*GR\*\*YQ\*YQIYTEKL\*HLSYYTGLSKDIL\*ANSHTLLCPSWFCDSKM\*\*\*DIQWNRTM\*QCQHSTMHTWN\*TSSINSTPVKWQSSRRRYSNQI\*KFHKQC\*NHNSTAERDGRNSVFKTQ\*QHKKKYIYRTRESILCSRRHNRRYKKSTL\*H\*WKKLD\*HSKKDS\*KIKRTIWE\*NNSL\*SILRRGPRNCNAQFYLWRRIFLL\*YIKAV\*\*YLGLEYYYLEYY\*K\*YGKWNYHTPM\*NKTNYKHVAGXRKSNVRPSHQRKH\*LSIKHYRTVINKRWWC\*\*Q\*HRDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKKKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGYTGATAYVAAHSLGHQATPGKSPGCGEIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*NLEHDLDAVGKRN\*QLHRFNIQLN\*RIAKPTRTE\*ERIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGLLTIVVADPPPSSEGTRQARRNRRRRWRERQKRIQTI

>B.2012.MG197177.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCYHCPVCFTTKGLGISYGRKKRGQRRRPPQDNQTDQAPLPKQ\*VVHVMQPLHIAAIVALVVAAILAIIVWSIVLIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELATFMERGHDAPWIINDL\*CYRKLVGHSILWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGNTCLCTHKPQPTRNSNSKCDRKF\*YVGKSNGRTNA\*GYN\*FMGSEPKAMCKINPTLCFFRM\*GF\*VE\*Y\*HH\*Q\*Q\*YTDGDRRNKKLHFQYHHKHKR\*DEERICLVL\*S\*YSTNN\*\*GR\*\*YQ\*YQIYTEKL\*HLSYYTGLSKDIL\*ANSHTLLCPSWFCDSKM\*\*\*DIQWNRTM\*QCQHSTMHTWN\*TSSINSTPVKWQSSRRRYSNQI\*KFHKQC\*NHNSTAERDGRNSVFKTQ\*QHKKKYIYRTRESILCSRRHNRRYKKSTL\*H\*WKKLD\*HSKKDS\*KIKRTIWE\*NNSL\*SILRRGPRNCNAQFYLWRRIFLL\*YIKAV\*\*YLGLEYY\*K\*YGKWNYHTPM\*NKTNYKHVAGSRKSNVRPSHQRKH\*LSIKHYRTVINKRWWC\*\*Q\*HRDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKKKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGYTGATAYVAAHSLGHQATPGKSPGCGEIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*NLEHDLDAVGKRN\*QLHRFNIQLN\*RIAKPTRTE\*KRIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGLLTIVVADPPPSSEGTRQARRNRRRRWRERQKRIQTI

>B.2012.MG197178.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCYHCPVCFTTKGLGISYGRKKRGQRRRPPQDNQTDQAPLPKQ\*VVHVMQPLHIAAIVALVVAAILAIIVWSIVLIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELATLMERGHDAPWIINDL\*CYRKLVGHSILWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGNTCLCTHKPQPTRNSNSKCDRKF\*YVEKSNGRTNA\*GYN\*FMGSEPKAMCKINPTLCFFRM\*GF\*VE\*Y\*HH\*Q\*Q\*YTDGDRRNKKLHFQYHHKHKR\*DEERICLVL\*S\*YSTNN\*\*GR\*\*YQ\*YQIYTEKL\*HLSYYTGLSKDIL\*ANSHTLLCPSWFCDSKM\*\*\*DIQWNRTM\*QCQHSTMHTWN\*TSSINSTPVKWQSSRRRYSNQI\*KFHKQC\*NHNSTAERDGRNSVFKTQ\*QHKKKYIYRTRESILCSRRHNRRYKKSTL\*H\*WKKLD\*HSKKDS\*KIKRTIWE\*NNSL\*SILRRGPRNCNAQFYLWRRIFLL\*YIKAV\*\*YLGLEYYYLEYY\*K\*YGKWNYHTPM\*NKTNYKHVAGSRKSNVRPSHQRKH\*LSIKHYRTVINKRWWC\*\*Q\*HRDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKKKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQPAEGYTGATAYVAAHSLGHQATPGKSPGCGEIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*NLEHDLDAVGKRN\*QLHRFNIQLN\*RIAKPTRTE\*ERIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGLLTIVVADPPPSSEGTRQARRNRRRRWRERQKRIQTI

>B.2012.MG197179.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCYHCPVCFTTKGLGISYGRKKRGQRRRPPQDNQTDQAPLPKQ\*VVHVMQPLHIAAIVALVVAAILAIIVWSIVLIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELATLMERGHDAPWIINDL\*CYRKLVGHSILWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGNTCLCTHKPQPTRNSNSKCDRKF\*YVEKSNGRTNA\*GYN\*FMGSEPKAMCKINPTLCFFRM\*GF\*VE\*Y\*HH\*Q\*Q\*YTDGDRRNKKLHFQYHHKHKR\*DEERICLVL\*S\*YSTNN\*\*GR\*\*YQ\*YQIYTEKL\*HLSYYTGLSKDIL\*ANSHTLLCPSWFCDSKM\*\*\*DIQWNRTM\*QCQHSTMHTWN\*TSSINSTPVKWQSSRRRYSNQI\*KFHKQC\*NHNSTAERDGRNSVFKTQ\*QHKKKYIYRTRESILCSRRHNRRYKKSTL\*H\*WKKLD\*HSKKDS\*KIKRTIWE\*NNSL\*SILRRGPRNCNAQFYLWRRIFLL\*YIKAV\*\*YLGLEYYYLEYY\*K\*YGKWNYHTPM\*NKTNYKHVAGSRKSNVRPSHQRKH\*LSIKHYRTVINKRWWC\*\*Q\*HRDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKKKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGYTGATAYVAAHSLGHQATPGKSPGCGEIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*NLEHDLDAVGKRN\*QLHRFNIQLN\*RIAKPTRTE\*ERIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGLLTIVVADPPPSSEGTRQARRNRRRRWRERQKRIQTI

>B.2012.MG197180.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCYHCPVCFTTKGLGISYGRKKRGQRRRPPQDNQTDQAPLPKQ\*VVHVMQPLHIAAIVALVVAAILAIIVWSIVLIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELATLMERGHDAPWIINDL\*CYRKLVGHSILWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGNTCLCTHKPQPTRNSNSKCDRKF\*YVEKSNGRTNA\*GYN\*FMGSEPKAMCKINPTLCFFRM\*GF\*VE\*Y\*HH\*Q\*Q\*YTDGDRRNKKLHFQYHHKHKR\*DEERICLVL\*S\*YSTNN\*\*GR\*\*YQ\*YQIYTEKL\*HLSYYTGLSKDIL\*ANSHTLLCPSWFCDSKM\*\*\*DIQWNRTM\*QCQHSTMHTWN\*TSSINSTPVKWQSSRRRYSNQI\*KFHKQC\*NHNSTAERDGRNSVFKTQ\*QHKKKYIYRTRESILCSRRHNRRYKKSTL\*H\*WKKLD\*HSKKDS\*KIKRTIWE\*NNSL\*AILRRGPRNCNAQFYLWRRIFLL\*YIKAV\*\*YLGLEYYYLEYY\*K\*YGKWNYHTPM\*NKTNYKHVAGSRKSNVRPSHQRKH\*LSIKHYRTVINKRWWC\*\*Q\*HRDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKKKSGAERKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGYTGATAYVAAHSLGHQATPGKSPGCGEIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*NLEHDLDAVGKRN\*QLHRFNIQLN\*RIAKPTRTE\*ERIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGLLTIVVADPPPSSEGTRQARRNRRRRWRERQKRIQTI

>B.2012.MG197181.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCYHCPVCFTTKGLGISYGRKKRGQRRRPPQDNQTDQAPLPKQ\*VVHVMQPLHIAAIVALVVAAILAIIVWSIVLIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELATLMERGHDAPWINDL\*CYRKLVGHSILWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGNTCLCTHKPQPTRNSNSKCDRKF\*YVEKSNGRTNA\*GYN\*FMGSEPKAMCKINPTLCFFRM\*GF\*VE\*Y\*HH\*Q\*Q\*YTDGDRRNKKLHFQYHHKHKR\*DEERICLVL\*S\*YSTNN\*\*GR\*\*YQ\*YQIYTEKL\*HLSYYTGLSKDIP\*ANSHTLLCPSWFCDSKM\*\*\*DIQWNRTM\*QCQHSTMHTWN\*TISINSTPVKWQSSRRRYSNQI\*KFHKQC\*NHNSTAERDGRNSVFKTQ\*QHKKKYIYRTRESILCSRRHNRRYKKSTL\*H\*WKKLD\*HSKKDS\*KIKRTIWE\*NNSL\*SILRRGPRNCNAQFYLWRRIFLL\*YIKAV\*\*YLGLEYYYLEYY\*K\*YGKWNYHTPM\*NKTNYKHVAGSRKSNVRPSHQRKH\*LSIKHYRTVINKRWWC\*\*Q\*HRDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKKKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGYTGATAYVAAHSLGHQATPGKSPGCGEIPKGSTAPRNLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*NLEHDLDAVGKRN\*QLHRFNIQLN\*RIAKPTRTE\*ERIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGLLTIVVADPPPSSEGTRQARRNRRRRWRERQKRIQTI

>B.2012.MG197182.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCYHCPVCFTTKGLGISYGRKKRGQRRRPPQDNQTDQAPLPKQ\*VVHVMQPLHIAAIVALVVAAILAIIVWSIVLIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELATLMERGHDAPWIINDL\*CYRKLVGHSILWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGNTCLCTHKPQPTRNSNSKCDRKF\*YVEKSNGRTNA\*GYN\*FMGSEPKAMCKINPTLCFFRM\*GF\*VE\*Y\*HH\*Q\*Q\*YTDGDRRNKKLHFQYHHKHKR\*DEERICLVL\*S\*YSTNN\*\*GR\*\*YQ\*YQIYTEKL\*HLSYYTGLSKDIL\*ANSHTLLCPSWFCDSKM\*\*\*DIQWNRTM\*QCQHSTMHTWN\*TSSINSTPVKWQSSRRRYSNQI\*KFHKQC\*NHNSTAERDGRNSVFKTQ\*QHKKKYIYWTRESILCSRRHNRRYKKSTL\*H\*WKKLD\*HSKKDS\*KIKRTIWE\*NNSL\*SILRRGPRNCNAQFYLWRRIFLL\*YIKAV\*\*YLGLEYYYLEYY\*K\*YGKWNYHTPM\*NKTNYKHVAGSRKSNVRPSHQRKH\*LSIKHYRTVINKRWWC\*\*Q\*HRDLQTGRRRYEGQLEK\*IT\*I\*SSKN\*TIRNSTLQGKKKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGYTGATAYVAAHSLGHQATPGKSPGCGEIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*NLEHDLDAVGKRN\*QLHRFNIQLN\*RIAKPTRTE\*ERIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGLLTIVXADPPPSSEGTRQARRNRRRRWRERQKRIQTI

>B.2012.MG197183.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCYHCPVCFTTKGLGISYGRKKRGQRRRPPQDNQTDQAPLPKQ\*VVHVMQPLHIAAIVALVVAAILAIIVWSIVLIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELATLMERGHDAPWIINDL\*CYRKLVGHSILWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGNTCLCTHKPQPTRNSNSKCDRKF\*YVEKSNGRTNA\*GYN\*FMGSEPKAMCKINPTLCFFRM\*GF\*VE\*Y\*HH\*Q\*Q\*YTNGDRRNKKLHFQYHHKHKR\*DEERICLVL\*S\*YSTNN\*\*GR\*\*YQ\*YQIYTEKL\*HLSYYTGLSKDIL\*ANSHTLLCPSWFCDSKM\*\*\*DIQWNRTM\*QCQHSTMHTWN\*TSSINSTPVKWQSSRRRYSNQI\*KFHKQC\*NHNSTAERDGRNSVFKTQ\*QHKKKYIYRTRESILCSRRHNRRYKKSTL\*H\*WKKLD\*HSKKDS\*KIKRTIWE\*NNSL\*SILRRGPRNCNAQFYLWRRIFLL\*YIKAV\*\*YLGLEYYYLEYY\*K\*YGKWNYHTPM\*NKTNYKHVAGSRKSNVRPSHQRKH\*LSIKHYRTVINKRWWC\*\*Q\*HRDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKKKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGYTGATAYVAAHSLGHQATPGKSPGCGEIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*NLEHDLDAVGKRN\*QLHRFNIQLN\*RIAKPTRTE\*ERIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGLLTIVVADPPPSSEGTRQARRNRRRRWRERQKRIQTI

>B.2012.MG197184.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCYHCPVCFTTKGLGISYGRKKRGQRRRPPQDNQTDQAPLPKQ\*VVHVMQPLHIAAIVALVVAAILAIIVWSIVLIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELATLMERGHDAPWIINDL\*CYRKLVGHSILWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGNTCLCTHKPQPTRNGNSKCDRKF\*YVEKSNGRTNA\*GYN\*FMGSEPKAMCKINPTLCFFRM\*GF\*VE\*Y\*HH\*Q\*Q\*YTDGDRRNKKLHFQYHHKHKR\*DEERICLVL\*S\*YSTNN\*\*GR\*\*YQ\*YQIYTEKL\*HLSYYTGLSKDIL\*ANSHTLLCPSWFCDSKM\*\*\*DIQWNRTM\*QCQHSTMHTWN\*TSSINSTPVKWQSSRRRYSNQI\*KFHKQC\*NHNSTAERDGRNSVF\*TQ\*QHKKKYIYRTRESILCSRRHNRRYKKSTL\*H\*WKKLD\*HSKKDS\*KIKRTIWE\*NNSL\*SILRRGPRNCNAQFYLWRRIFLL\*YIKAV\*\*YLGLEYYYLEYY\*K\*YGKWNYHTPM\*NKTNYKHVAGSRKSNVRPSHQRKH\*LSIKHYRTVINKRWWC\*\*Q\*HRDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKKKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGYTGATAYVAAHSLGHQATPGKSPGCGEIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*NLEHDLDAVGKRN\*QLHRFNIQLN\*RIAKPTRTE\*ERIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGLLTIVVADPPPSSEGTRQARRNRRRRWRERQKRIQTI

>B.2012.MG197185.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCYHCPVCFTTKGLGISYGRKKRGQRRRPPQDNQTDQAPLPKQ\*VVHVMQPLHIAAIVALVVAAILAIIVWSIVLIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELATLMERGHDAPWIINDL\*CYRKLVGHSILWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGNTCLCTHKPQPTRNSNSKCDRKF\*YVEKSNGRTNA\*GYN\*FMGSEPKAMCKINPTLCFFRM\*GF\*VE\*Y\*HH\*Q\*Q\*YTDGDRRNKKLHFQYHHKHKR\*DEERICLVL\*S\*YSTNN\*\*GR\*\*YQ\*YQIYTEKL\*HLSYYTGLSKDIL\*ANSHTLLCPSWFCDSKM\*\*\*DIQWNRTM\*QCQHSTMHTWN\*TSSINSTPVKWQSSRRRYSNQI\*KFHRQC\*NHNSTAERDGRNSVFKTQ\*QHKKKYIYRTRESILCSRRHNRRYKKSTL\*H\*WKKLD\*HSKKDS\*KIKRTIWE\*NNSL\*SILRRGPRNCNAQFYLWRRIFLL\*YIKAV\*\*YLGLEYYYSEYY\*K\*YGKWNYHTPM\*NKTNYKHVAGSRKSNVRPSHQRKH\*LSIKHYRTVINKRWWC\*\*Q\*HRDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKKKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGYTGATAYVAAHSLGHQATPGKSPGCGEIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*NLEHDLDAVGKRN\*QLHRFNIQLN\*RITKPTRTEXERIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGLLTIVVADPPPSSEGTRQARRNRRRRWRERQKRIQTI

>B.2012.MG197186.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCYHCPVCFTTKGLGISYGRKKRGQRRRPPQDNQTDQAPLPKQ\*VVHVMQPLHIAAIVALVVAAILAIIVXSIVLIEYRKILRQRKIDRLIERISERAEDSGNESEGDQEELATLMERGHDAPWIINDL\*CYRKLVGHSILWGTCVERSNHHSILCIRC\*SI\*SRGT\*CLGNTCLCTHKPQPTRNSNSKCDRKF\*YVEKSNGRTNA\*GYN\*FMGSEPKAMCKINPTLCFFRM\*GF\*VE\*Y\*HH\*Q\*Q\*YTDGDRRNKKLHFQYHHKHKR\*DEERICLVL\*S\*YSTNN\*\*GR\*\*YQ\*YQIYTEKL\*HLSYYTGLSKDIL\*ANSHTLLCPSWFCDSKM\*\*\*DIQWNRTM\*QCQHSTMHTWN\*TSSINSTPVKWQSSRRRYSNQI\*KFHKQC\*NHNSTAERDGRNSVFKTQ\*QHKKKYIYRTRESILCSRRHNRRYKKSTL\*H\*WKKLD\*HSKKDS\*KIKRTIWE\*NNSL\*SILRRGPRNCNAQFYLWRRIFLL\*YIKAV\*\*YLGLEYYYLEYY\*K\*YGKWNYHTPM\*NKTNYKHVAGSRKSNVRPSHQRKH\*LSIKHYRTVINKRWWC\*\*Q\*HRDLQTGRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTLQGKKKSGAKRKKSSGNRSYVPWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGYTGATAYVAAHSLGHQATPGKSPGCGEIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*IL\*\*NLEHDLDAVGKRN\*QLHRFNIQLN\*RIAKPTRTE\*ERIIGIG\*VGKSVELV\*HNKLAVVYKNIHNDSRRLNRFKNSFYCAFYSE\*S\*AGLLTIVVADPPPSSEGTRQARRNRRRRWRERQKRIQTI

>B.2012.MG197187.-

MEPVDPRLEPWHHPGSQPKTKCTNCYCKACCFHCQVCFTTKGLGISHGRKKRRQRRSAPPNSETHQAPLSKQ\*VIHVMLPLTILTIVALVVVGIIAIVVWTIVLIEYRKILRQRKIDRIIDRITERAEDSGNESEGDQEELSALVGMGHLEMGHHAPWDVDDL\*CYRKIVGHSLLWGACVERSNHHSILCVRC\*SI\*HRGT\*CLDNTCLCTHRPQPARSTIGKCDRKF\*HVEK\*HGRTDAGGYNQFMG\*KPETMCKINPTLCHFKLY\*SVENA\*CYFK\*YFCGK\*N\*FGRNKKLLFQYHLKNK\*\*KTERICTFL\*A\*CSVNRC\*\*Y\*\*\*YQLYQL\*ADKL\*HLSHYTGLSKNNL\*ANSHTLLCPSWFYASKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSDNSTADKWQSSRRRDSN\*ICQFLEQY\*THNSTAE\*ICTD\*LYKTQHQYKKKYTYRARKSILCNRRHNRGYKTGTL\*P\*\*IRME\*HFKTYSSKTEKTIWRE\*NNSL\*SILRRGPRNYNVQL\*LWRGIFLL\*YITTV\*\*YLGFNTVV\*\*\*LG\*D\*RTK\*HTHTPMQNKTSRQHVAGSRKSNVC\*SHQRTNSM\*IKYYRDNINKRWW\*E\*\*RK\*EQRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAKQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSAAPRDLGMLWKTHLHHCCALEC\*LE\*\*ISGEDLG\*HDLDGVGERN\*QLHRLNIQLT\*RIAEPAGKK\*TRFIGIG\*VGKFVELV\*HNKLAVVYKNIHNGSRRFSRFKNSFYCTFYSEKS\*AGIFTIIIPDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197188.-

MEPVDPRLEPWHHPGSQPKTKCTNCYCKACCFHCQVCFITKGLGISYGRKKRRQRRSAPPNSETHQAPLSKQ\*VIHVMLPLTILTIVALVVVGIIAIVVWTIVLIEYRKILRQRKIDRIIDRITERAEDSGNESEGDQEELSALVGMGHLEMGHHAPWDVDDL\*CYRKIVGHSLLWGACVERSNHHSILCVRC\*SI\*HRGT\*CLDNTCLCTHRPQPARSTIGKCDRKF\*HVEK\*HGRTDAGGYNQFMG\*KPETMCKINPTLCHFKLY\*SVENA\*CYFK\*YFCGK\*N\*FGRNKKLLFQYHLKNK\*\*KTERICTFL\*A\*CSINRC\*\*Y\*\*\*YQLYQL\*ADKL\*HLSHYTGLSKNNL\*ANSHTLLCPSWFCASKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSDNSTADKWQSSRRRDSN\*ICQFLEQY\*THNSTAE\*ICTD\*LYKTQHQYKKKYTYRARKSILCNRRHNRGYKTSTL\*P\*\*IRME\*HFKTYSSKTEKTIWRE\*NNSL\*SILRRGPRNYNVQL\*LWRGIFLL\*YITTV\*\*YLGFNTVV\*\*\*LG\*D\*RTK\*HTHTPMQNKTSRQHVAGSRKSNVC\*SHQRTNSM\*IKYYRDNINKRWW\*E\*\*RK\*EQRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAKQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSAAPRDLGMLWKTHLHHCCALEC\*LE\*\*ISGEDLG\*HDLDGVGERN\*QLHRLNIQLT\*RIAEPAGKK\*TRFIGIG\*VGKFVELV\*HNKLAVVYKNIHNGSRRFSRFKNSFYCTFYSEKS\*AGIFTIIIPDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197189.-

MEPVDPRLEPWHHPGSQPKTKCTNCYCKACCFHCQVCFITKGLGISYGRKKRRQRRSAPPNSETHQAPLSKQ\*VIHVMLPLTILTIVALVVVGIIAIVVWTIVLIEYRKILRQRKIDRIIDRITERAEDSGNESEGDQEELSALVGMGHLEMGHHAPWDVDDL\*CYRKIVGHSLLWGACVERSNHHSILCVRC\*SI\*HRGT\*CLGNTCLCTHRPQPARSTIGKCDRKF\*HVEK\*HGRTDAGGYNQFMG\*KPETMCKINPTLCHFKLY\*SVENA\*CYFK\*YFCGK\*N\*FGRNKKLLFQYHFKNK\*\*KTERICTFL\*A\*CSINRC\*\*Y\*\*\*YQLYQL\*ADKL\*HLSHYTGLSKNNL\*ANSHTLLCPSWFCASKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSDNSTADKWQSSRRRDSN\*ICQFLEQY\*THNSTAE\*ICTD\*LYKTQHQYKKKYTYRARKSILCNRRHNRGYKTSTL\*P\*\*IRME\*HFKTYSSKTEKTIWRE\*NNSL\*SILRRGPRNYNVQL\*LWRGIFLL\*YITTV\*\*YLGFNTVV\*\*\*LG\*D\*RTK\*HTHTPMQNKTSRQHVAGSRKSNVC\*SHQRTNSM\*IKYYRANINKRWW\*E\*\*RK\*EQRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYGAAAKQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSAAPRDLGMLWKTHLHHCCALEC\*LE\*\*ISGEDLG\*HDLDGVGERN\*QLHRLNIQLT\*RIAEPAGKK\*TFYWNWISGQVCGIGLT\*QIGCGI\*KYS\*W\*\*EV\*\*V\*E\*FLLYFL\*\*EELGRDIHHYHSRSATQPRGDPTGPKESKKKVERETETDPNN\*

>B.2012.MG197190.-

MEPVDPRLEPWHHPGSQPKTKCTNCYCKACCFHCQVCFITKGLGISYGRKKRRQRRSAPPNSETHQAPLSKQ\*VIHVMLPLTILTIVALVVVGIIAIVVWTIVLIEYRKILRQRKIDRIIDRITERAEDSGNESEGDQEELSALVGMGHLEMGHHAPWDVDDL\*CYRKIVGHSLLWGACVERSNHHSILCVRC\*SI\*HRGT\*CLGNTCLCTHRPQPARSTIGKCDRKF\*HVEK\*HGRTDAGGYNQFMG\*KPETMCKINPTLCHFKLY\*SVENA\*CYFK\*YFCGK\*N\*FGRNKKLLFQYHLKNK\*\*KTERICTFL\*A\*CSINR\*\*\*Y\*\*\*YQLYQL\*ADKL\*HLSHYTGLSKNNL\*ANSHTLLCPSWFCASKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSDNSTADKWQSSRRRDSN\*ICQFLEQY\*THNSTAE\*ICTD\*LYKTQHQYKKKYTYRARKSILCNRRHNRGYKTSTL\*P\*\*IRME\*HFKTYSSKTEKTIWRE\*NNSL\*SILRRGPRNYNVQL\*LWRGIFLL\*YITTV\*\*YLGFNTVV\*\*\*LG\*D\*RTK\*HTHTPMQNKTSRQHVAGSRKSNVC\*SHQRTNSM\*IKYYRDNINKRWW\*E\*\*RK\*EQRDLQTWRRRYEG\*LEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGNTRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYGAAAKQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGEIPKGSAAPRDLGMLWKTHLHHCCALEC\*LE\*\*ISGEDLG\*HDLDGVGERN\*QLHRLNIQLT\*RIAEPAGKK\*TRFIGIG\*VGKFVELV\*HNKLAVVYKNIHNGSRRFSRFKNSFYCTFYSEKS\*AGIFTIIIPDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2012.MG197191.-

MEPVDPSLEPWEHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISXGRKKRRQRRRAPQGSQTHQVSLSKQ\*VIRVMQTLEIVAIVALVVAAILAIVVWTIVFIEYRKIVRQRKIDRLLDRIAERAEDSGNESDGDQEELSAIIERGHLAPWNVDDL\*YGRRFVGYSLLWGTCVERSNHHSILCI\*C\*SI\*HRET\*CLGHTCLCTHRPQPTRNKIGKCDRSF\*CVEK\*HGRTNA\*RYNQFMGPKLKTMCKINPTLCNSKLLKCH\*\*\*Y\*\*\*WD\*Y\*\*GDGRRSKKLLFLCHHKYKR\*GKARTCTFL\*YGCNTNR\*\*\*\*\*\*\*L\*\*L\*VDKL\*HLSYYTGLSKGIL\*TNSNTLLCPGWFCDSKV\*R\*EVQWERNMYKCQHSTMYTWN\*ASSVNPTTVKWQSSRRRGSD\*I\*QFLEQR\*NHNSTTEKTCKN\*LYKTRQQYQTKYTYRTRESILCNRSHNRRYKKSTLYSE\*NRLEQHFKRDS\*KISRSIE\*DKNSI\*KFLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLELE\*Y\*LE\*Y\*LE\*YWKDHTPMQNKTNCKHVAGSRKSNVCPSH\*RTN\*LYIKYYRAALNKRWW\*\*Y\*RDRDLQTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRSSTHQGKEESGAERKKSSGNDRSYVPWILGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*GAAASVATHSLGHQTAPGKSPCCGKIPKGSTAPGNLGLLW\*THLHHYCALEY\*LE\*\*NSKGHLG\*HDLDTVGKRN\*QLHXYHIQLT\*RIAEPTRKE\*TRIVGIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLGRIKNSFYCTFYSE\*S\*EGILTIIISDPPPKPEGTRQARRNRRRRWRRKQNQLHSI

>B.2012.MG197192.-

MEPVDPSLEPWEHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQGSQTHQVSLSKQ\*VIRVMQTLEIVAIVALVVAAILAIVVWTIVFIEYRKIVRQRKIDRLLDRIAERAEDSGNESDGDQEELSAIIERGHLAPWNVDDL\*YGRRFVGYSLLWGTCVERSNHHSILCI\*C\*SI\*HRET\*CLGHTCLCTHRPQPTRNKIGKCDRSF\*CVEK\*HGRTNA\*RYNQFMGPKLKTMCKINPTLCNSKLLKCH\*\*\*Y\*\*\*WD\*Y\*\*GDGRRSKKLLFLCHHKYKR\*GKARTCTFL\*YGCNTNR\*\*\*\*\*\*\*L\*\*L\*VDKL\*HLSYYTGLSKGIL\*TNSNTLLCPGWFCDSKV\*R\*EVQWERNMYKCQHSTMYTWN\*ASSVNPTTVKWQSSRRRGSD\*I\*QFLEQR\*NHNSTTEKTCKN\*LYKTRQQYQTKYTYRTRESILCNRSHNRRYKKSTLYSE\*NRLEQHFKRDS\*KN\*QIN\*IRQK\*YLKIPQEGTQKL\*CTVLIVEGNFSTVIQHNCLIALGT\*IVLTGIVLTGMILERSHSHAE\*NKL\*TCGRK\*EKQCMPLPLEDKLAVHQILQGCS\*QEMVVIVLTGPRPSDLXEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HPPRQRGEWCREKKEQWER\*ELCSLDSWEQQEALWAQRQ\*R\*RYRPDNYCLV\*CNSKTIC\*GLLRRSSICCNSQSGASNSSRQESLLWKDT\*GINSSWEFGVALVNSSAPLLCLGILVGVIEL\*RTFGIT\*PGYSGKKKLTITQLPYTTYLKNRRTNKKRMNKNCWDWISGQVCGIGLTYQTGCGI\*KYS\*\*\*\*EAW\*D\*E\*FLLYFL\*\*IELGRDTHHYHFRPASQTRGDPTGPKEQKKKVETETKPAPFD\*

>B.2012.MG197193.-

MEPVDPSLEPWEHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISXGGRSGDNDEELLKAVRLIKFLYQNSE\*YA\*CKH\*K\*\*Q\*\*H\*\*\*QQY\*Q\*LCGP\*YS\*NIEK\*\*DKEK\*TDYLIE\*QKEQKTVAMRVMGIRKSCQQLLKGGILLLGMLMXCRMEEDLWVTVYYGVPVWKEATTTLFCASDAKAYDTEKHNVWATHACVPTDPNPQEIKLENVTEVFNVWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCSSATNSSTNSSGISISKEMVGEVKNCSFYVTTSIRDKVKQERALFYSMDVIPIDDNNNSSNYSSYRLINCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCRDRKFSGKGTCTNVSTVQCTHGIKPVVSTQLLLNGSLAEEEVVIRSDNFSNNAKTIIVQLRKPVKINCTRPGNNTRQSIHIGPGKAFYATGAITGDIRKAHCTLNRTDWNNTLKEIVKKLADQLNKTKIVFKNSSGGDPEIVMHSFNCGGEFFYCNTTQLFNSTWNLNSTDWNSTNWNDTGKITLPCRIKQIVNMWQEVGKAMYAPPIRGQISCTSNITGLLLTRDGGNSINGTETFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGTIGAMFLGFLGAAGSTMGAASVTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLRDQQLLGIWGCSGKLICTTTVPWNTSWSNRTLKDIWDNMTWIQWEKEIDNYTATIYNLLEESQNQQEKNEQELLGLDKWASLWNWFNISNWLWYIKIFIMIVGGLVGLRIVFTVLSIVNRVRKGYSPLSFQTRLPNQRGPDRPEGTEEEGGDGNKDSSIRL

>B.2012.MG197194.-

MEPVDPSLEPWEHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQGSQTHQVSLSKQ\*VIRVMQTLEIVAIVALVVAAILAIVVWTIVFIEYRKIVRQRKIDRLLDRIAERAEDSGNESDGDQEELSAINERGHLAPWNVDDL\*YGRRFVGYSLLWGTCVERSNHHSILCI\*C\*SI\*HRET\*CLGHTCLCTHRPQPTRNKIGKCDRSF\*CVEK\*HGRTNA\*RYNQFMGPKLKTMCKINPTLCNSKLLKCH\*\*\*Y\*\*\*WD\*Y\*\*GDGRRSKKLLFLCHHKYKR\*GKARTCTFL\*YGCNTNR\*\*\*\*\*\*\*L\*\*L\*VDKL\*HLSYYTGLSKGIL\*TNSNTLLCPGWFCDSKV\*R\*EVQWERNMYKCQHSTMYTWN\*ASSVNPTTVKWQSSRRRGSD\*I\*QFLEQR\*NHNSTTEKTCKN\*LYKTRQQYQTKYTYRTRESILCNRSHNRRYKKSTLYSE\*NRLEQHFKRDS\*KISRSIE\*DKNSI\*KFLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLELE\*Y\*LE\*Y\*LE\*YWKDHTPMQNKTNCKHVAGSRKSNVCPSH\*RTN\*LYIKYYRAALNKRWW\*\*Y\*RDRDLQTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRSSTHQGKEESGAGRKKSSGNDRSYVPWILGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*GAAASVATHSLGHQTAPGKSPCCGKIPKGSTAPGNLGLLW\*THLHHYCALEY\*LE\*\*NSKGHLG\*HDLDTVGKRN\*QLHSYHIQLT\*RIAEPTRKE\*TRIVGIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLGRIKNSFYCTFYSE\*S\*EGILTIIISDPPPKPEGTRQARRNRRRRWRRKQRQLHSI

>B.2012.MG197195.-

MEPVDPSLEPWEHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQGSQTHQVSLSKQ\*VIRVMQTLEIVAIVALVVAAILAIVVWTIVFIEYRKIVRQRKIDRLLDRIAERAEDSGNESDGDQEELSAIIERGHLAPWNVDDL\*YGRRFVGYSLLWGTCVERSNHHSILCI\*C\*SI\*HRET\*CLGHTCLCTHRPQPTRNKIGKCDRSF\*CVEK\*HGRTNA\*RYNQFMGPKLKTMCKINPTLCNSKLLKCH\*\*\*Y\*\*\*WD\*Y\*\*GDGRRSKKLLFLCHHKYKR\*GKARTCTFL\*YGCNTNR\*\*\*\*\*\*\*L\*\*L\*VDKL\*HLSYYTGLSKGIL\*TNSNTLLCPGWFCDSKV\*R\*EVQWERNMYKCQHSTMYTWN\*ASSVNPTTVKWQSSRRRGSD\*I\*QFLEQR\*NHNSTTEKTCKN\*LYKTRQQYQTKYTYRTRESILCNRSHNRRYKKSTLYSE\*NRLEQHFKRDS\*KISRSIE\*DKNSI\*KFLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLELE\*Y\*LE\*Y\*LE\*YWKDHTPMQNKTNCKHVAGSRKSNVCPSH\*RTN\*LYIKYYRAALNKRWW\*\*Y\*RDRDLQTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRSSTHQGKEESGAERKKSSGNDRSYVPWILGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*GAAASVATHSLGHQTAPGKSPCCGKIPKASTAPGNLGLLW\*THLHHYCALEY\*LE\*\*NSKGHLG\*HDLDTVGKRN\*QLHSYHIQLT\*RIAEPTRKE\*TRIVGIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLGRIKNSFYCTFYSE\*S\*EGILTIIISDPPPKPEGTRQARRNRRRRWRRKQRQLHSI

>B.2012.MG197196.-

MEPVDPSLEPWEHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQGSQTHQVSLSKQ\*VIRVMQTLEIVAIIALVVAAILAIVVWTIVFIEYRKIVRQRKIDRLLDRIAERAEDSGNESDGDQEELSAIIERGHLAPWNVDDL\*YGRRFVGYSLLWGTCVERSNHHSILCI\*C\*SI\*HRET\*CLGHTCLCTHRPQPTRNKIGKCDRSF\*CVEK\*HGRTNA\*RYNQFMGPKLKTMCKINPTLCNSKLLKCH\*\*\*Y\*\*\*WD\*Y\*\*GDGRRSKKLLFLCHHKYKR\*GKARTCTFL\*YGCNTNR\*\*\*\*\*\*\*L\*\*L\*VDKL\*HLSYYTGLSKGIL\*TNSNTLLCPGWFCDSKV\*R\*EVQWERNMYKCQHSTMYTWN\*ASSVNPTTVKWQSSRRRGSD\*I\*QFLEQR\*NHNSTTEKTCKN\*LYKTRQQYQTKYTYRTRESILCNRSHNRRYKKSTLYSE\*NRLEQHFKRDS\*KISRSIE\*DKNSI\*KFLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*HLELE\*Y\*LE\*Y\*LE\*YWKDHTPMQNKTNCKHVAGSRKSNVCPSH\*RTN\*LYIKYYRAALNKRWW\*\*Y\*RDRDLQTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRSSTHQGKEESGAERKKSSGNDRSYVPWILGSSRKHYGRSVSDADGTGQTIIVWYSATAKQFAEGY\*GAAASVATHSLGHQTAPGKSPCCGKIPKGSTAPGNLGLLW\*THLHHYCALEY\*LE\*\*NSKGHLG\*HDLDTVGKRN\*QLHSYHIQLT\*RIAEPTRKE\*TRIVGIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLGRIKNSFYCTFYSE\*S\*EGILTIIISDPPPKPEGTRQARRNRRRRWRRKQRQLHSI

>B.2012.MG197197.-

MDPVDPRLEPWKHPGSQPRTACNKCYCKKCCYHCQVCFITKGLGISYGRKKWRQRRRPPQDSQTHQRDLSKQ\*VVYVMYSLYILSIVALVVAAILAIVVWTIVLIEYRRIRRQKRIDRLIDRIRERAEDSGNESEEDQEELLVAMGHDAPWNVDDL\*C\*RTIVGHSLLWGTCVERGNYHSVLCIRC\*SI\*HRDA\*CLGHTCLCTHRPQPTRSSIDKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLRYFKLQ\*CH\*QP\*YRGDYYHYQP\*GKDGTRRNKELLFQYHHKHKR\*SEERICTFL\*P\*CSTNRR\*\*\*\*\*\*Y\*\*Y\*LY\*L\*VNKLQHLSHYPGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*YKVQWIRTL\*KCQHSTMHTWN\*ASSVNSTAVKWQPSRRGDSN\*VCKFHGQC\*NHNSTAEGTCKHYLYKTQQQYKKKYTYRTRKSILCNRRDNRRYKKSIL\*T\*\*HSLE\*HSKTGSWKIKRTIWVE\*NSIL\*SILRGGPRSCTAYF\*LWRGIFLL\*RIKSVS\*CLAG\*WYLE\*HLE\*HH\*NKWDNYTPM\*NKTNYKHVAGSRKSNVCPSHQRKN\*M\*IKYYRAATNKRWGC\*RDQ\*YRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAK\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*IYG\*YLE\*HDLDAMGKRN\*QLHRFNIQLN\*RIANPTRKE\*KGIIGIG\*VGKFVELVYHIKLAVVYKIIHNDSRRINRVKNSFYCTFYSE\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRERHRQIRKI

>B.2012.MG197198.-

MDPVDPRLEPWKHPGSQPRTACNKCYCKKCCYHCQVCFITKGLGISYGRKKWRQRRRPPQDSQTHQRDLSKQ\*VVYVMYSLYILSIVALVVAAILAIVVWTIVFIEFRRIRRQKRIDRLIDRIRERAEDSGNESEEDQEELLVAMGHDAPWNVDDL\*C\*RTIVGHSLLWGTCVERGNYHSVLCIRC\*SI\*HRDA\*CLGHTCLCTHRPQSTRSSIDKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLRYFKLQ\*CH\*QP\*YRGDYYHYQP\*GKDGTRRNKELLFQYHHKHKR\*SEERICTFL\*P\*CSTNRR\*\*\*\*\*\*Y\*\*Y\*LY\*L\*VNKLQHLSHYPGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*YKVQWIRTL\*KCQHSTMHTWN\*ASSVNSTAVKWQPSRRGDSN\*VCKFHGQC\*NHNSTAEGTCKHYLYKTQQQYKKKYTYRTRKSILCNRRNNRRYKKSIL\*T\*\*HSLE\*HSKTGSWKIKRTIWVE\*NSIL\*SILRGGPRSCTAYF\*LWRGIFLL\*RIKSVS\*CLAG\*WYLE\*HLE\*HH\*NKWDNYTPM\*NKTNYKHVAGSRKSNVCPSHQRKN\*M\*IKYYRAATNKRWGC\*RDQ\*YRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVSDADGTSQTIIVWYSATAK\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*IYG\*YLE\*HDLDAMGKRN\*QLHRFNIQLN\*RIANPTRKQ\*KGIIGIG\*VGKFVELVYHIKLAVVYKIIHNDSRRINRVKNSFYCTFYSE\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRERHRQIRKI

>B.2012.MG197199.-

MDPVDPRLEPWKHPGSQPRTACNKCYCKKCCYHCQVCFITKGLGISYGRKKWRQRRRPPQDSQTHQRDLSKQ\*VVYVMYSLYILSIVALVVAAILAIVVWTIVFIEYKRIRRQKRIDRLIDRIRERAEDSGNESEEDQEELLVAMGHDAPWNVDDL\*C\*RTIVGHSLLWGTCVERGNYHSVLCIRC\*SI\*HRDA\*CLGHTCLCTHRPQPTRSSIDKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLRYFKLQ\*CH\*QP\*YRGDYYHYQP\*GKDGTRRNKELLFQYHHKHKR\*SEERICTFL\*P\*CSTNRR\*\*\*\*\*\*Y\*\*Y\*LY\*L\*VNKLQHLSHYPGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*YKVQWIRTL\*KCQHSTMHTWN\*ASSVNSTAVKWQPSRRGDSN\*VCKFHGQC\*NHNSTAEGTCKHYLYKTQQQYKKKYTYRTRKSILCNRRNNRRYKKSIL\*T\*\*HSLE\*HSKTGSWKIKRTIWVE\*NSIL\*SILRGGPRSCTAYF\*LWRGIFLL\*RIKSVS\*CLAG\*WYLE\*HLE\*HH\*NKWDNYTPM\*NKTNYKHVAGSRKSNVCPSHQRKN\*M\*IKYYRAATNKRWGC\*RDQ\*YRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAK\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*IYG\*YLE\*HDLDAMGKRN\*QLHRFNIQLN\*RIANPTRKE\*KGIIGIG\*VGKFVELVYHIKLAVVYKIIHNDSRRINRVKNSFYCTFYSE\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRERQRQIRKF

>B.2012.MG197200.-

MDPVDPRLEPWKHPGSQPRTACNKCYCKKCCYHCQVCFITKGLGISYGRKKWRQRRRPPQDSQTHQRDLSKQ\*VVYVMYSLYILSIVALVVAAILAIVVWTIVLIEYRRIRRQKRIDRLIDRIRERAEDSGNESEEDQEELLVAMGHDAPWNVDDL\*C\*RTIVGHSLLWGTCVERGNYHSVLCIRC\*SI\*HRDA\*CLGHTCLCTHRPQPTRSSIDKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLRYFKLQ\*CH\*QP\*YRGDYYHYQP\*GKDGTRRNKELLFQYHHKHKR\*SEERICTFL\*P\*CSTNRR\*\*\*\*\*\*Y\*\*Y\*LY\*L\*VNKLQHLSHYPGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*YKVQWIRTL\*KCQHSTMHTWN\*ASSVNSTAVKWQPSRRGDSN\*VCKFHGQC\*NHNSTAEGTCKHYLYKTQQQYKKKYTYRTRKSILCNRRNNRRYKKSIL\*T\*\*HSLE\*HSKTGSWKIKRTIWVE\*NSIL\*SILRGGPRSCTAYF\*LWRGIFLL\*RIKSVS\*CLAG\*WYLE\*HLE\*HH\*NKWDNYTPM\*NKTNYKHVAGSRKSNVCPSHQRKN\*M\*IKYYRAATNKRWGC\*RDQ\*YRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAK\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*IYG\*YLE\*HDLDAMGKRN\*QLHRFNIQLN\*RIANPTRKE\*KGIIGIG\*VGKFVELVYHIKLAVVYKIIHNDSRRINRVKNSFYCTFYSE\*S\*AGILTIVASDPPPSSEGTRQARRNRRRRWRERQRQIRKL

>B.2012.MG197201.-

MDPVDPRLEPWKHPGSQPRTACNKCYCKKCCYHCQVCFITKGLGISYGRKKWRQRRRPPQDSQTHQRDLSKQ\*VVYVMYSLYILSIVALVVAAILAIVVWTIVFIEYRRIRRQKRIDRLIDRIRERAEDSGNESEEDQEELLVAMGHDAPWNVDDL\*C\*RTIVGHSLLWGTCVERGNYHSVLCIRC\*SI\*HRDA\*CLGHTCLCTHRPQPTRSSIDKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLRYFKLQ\*CH\*QP\*YRGDYYHYQP\*GKDGTRRNKELLFQYHHKHKR\*SEERICTFL\*P\*CSTNRR\*\*\*\*\*\*Y\*\*Y\*LY\*L\*VNKLQHLSHYPGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*YKVQWIRTL\*KCQHSTMHTWN\*ASSVNSTAVKWQPSRRGDSN\*VCKFHGQC\*NHNSTAEGTCKHYLYKTQQQYKKKYTYRTRKSILCNRRNNRRYKKSIL\*T\*\*HSLE\*HSKTGSWKIKRTIWVE\*NSIL\*SILRGGPRSCTAYF\*LWRGIFLL\*RIKSVS\*CLAG\*WYLE\*HLE\*HH\*NKWDNYTPM\*NKTNYKHVAGSRKSNVCPSHQRKN\*M\*IKYYRAATNKRWGS\*RDQ\*YRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAK\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*IYG\*YLE\*HDLDAMGKRN\*QLHRFNIQLN\*RIANPTRKE\*KGIIGIG\*VGKFVELVYHIKLAVVYKIIHNDSRRINRVKNSFYCTFYSE\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRERQRQIRKL

>B.2012.MG197202.-

MDPVDPRLEPWKHPGSQPRTACNKCYCKKCCYHCQVCFITKGLGISYGRKKWRQRRRPPQDSQTHQRDLSKQ\*VVYVMYSLYILSIVALVVAAILAIVVWAIVFIEYRRIRRQKRIDRLIDRIRERAEDSGNESEEDQEELLVAMGHDAPWNVDDL\*C\*RTIVGHSLLWGTCVERGNYHSVLCIRC\*SI\*HRDA\*CLGHTCLCTHRPQPTRSSIDKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLRYFKLQ\*CH\*QP\*YRGDYYHYQP\*GKDGTRRNKELLFQYHHKHKR\*SEERICTFL\*P\*CSTNRR\*\*\*\*\*\*Y\*\*Y\*LY\*L\*VNKLQHLSHYPGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*YKVQWIRTL\*KCQHSTMHTWN\*ASSVNSTAVKWQPSRRGDSN\*VCKFHGQC\*NHNSTAEGTCKHYLYKTQQQYKKSIHIGPGRAFYATGEIIGDIRKAYCKLNSTAWNNTLRQVAGKLKEQFGWNKTVYFNQSSGGDPEVVLHTFNCGGEFFYCNASNLFHSAWLVNGTWNNTWNDTIETNGTITLPCRIKQIINMWQEVGKAMYAPPIRGKIRCESNITGLLLIRDGGVNGTNDTETFRPGGGNMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGLGALFIGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTTVPWNSSWSNKSMDDIWNNMTWMQWEKEIDNYTGLIYNLIEESQIQQEKNEKELLELDKWASLWNWFTISNWLWYIKLFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTRLPAQRGPDRPEGTEEEGGERDTDRSGRL

>B.2012.MG197203.-

MDPVDPRLEPWKHPGSQPRTACNKCYCKKCCYHCQVCFITKGLGISYGRKKWRQRRRPPQDSQTHQRDLSKQ\*VVYVMYSLYILSIVALVVAAILAIVVWTIVLIEYRRIRRQKRIDRLIDRIRERAEDSGNESEEDQEELLVAMGHDAPWNVDDL\*C\*RTIVGHSLLWGTCVERGNYHSVLCIRC\*SI\*HRDA\*CLGHTCLCTHRPQPTRSSIDKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLRYFKLQ\*CH\*QP\*YRGDYYHYQP\*GKDGTRRNKELLFQYHHKHKR\*SEERICTFL\*P\*CSTNRR\*\*\*\*\*\*Y\*\*Y\*LY\*L\*VNKLQHLSHYPGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*YKVQWIRTL\*KCQHSTMHTWN\*ASSVNSTAVKWQPSRRGDSN\*VCKFHGQC\*NHNSTAEGTCKHYLYKTQQQYKKKYTYRTRKSILCNRRDNRRYKKSIL\*T\*\*HSLE\*HSKTGSWKIKRTIWVE\*NSIL\*SILRGGPRSCTAYF\*LWRGIFLL\*RIKSVS\*CLAG\*WYLE\*HLE\*HH\*NKWDNYTPM\*NKTNYKHVAGSRKSNVCPSHQRKN\*M\*IKYYRAATNKRWGC\*RDQ\*YRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVNDADGTSQTIIVWYSATAK\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*IYG\*YLE\*HDLDAMGKRN\*QLHRFNIQLN\*RIANPTRKE\*KGIIGIG\*VGKFVELVYHIKLAVVYKIIHNDSRRINRVKNSFYCTFYSE\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRERQRLFQKI

>B.2012.MG197204.-

MDPVDPRLEPWKHPGSQPRTACNKCYCKKCCYHCQVCFITKGLGISYGRKKWRQRRRPPQDSQTHQRDLSKQ\*VVYVMYSLYILSIVALVVAAILAIVVWTIVLIEYRRIRRQKRIDRLIDRIRERAEDSGNESEEDQEELLVAMGHDAPWNVDDL\*C\*RTIVGHSLLWGTCVERGNYHSVLCIRC\*SI\*HRDA\*CLGHTCLCTHRPQPTRSSIDKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLRYFKLQ\*CH\*QP\*YRGDYYHYQP\*GKDGTRRNKELLFQYHHKHKR\*SEERICTFL\*P\*CSTNRR\*\*\*\*\*\*Y\*\*Y\*LY\*L\*VNKLQHLSHYPGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*YKVQWIRTL\*KCQHSTMHTWN\*ASSVNSTAVKWQPSRRGDSN\*VCKFHGQC\*NHNSTAEGTCKHYLYKTQQQYKKKYTYRTRKSILCNRRDNRRYKKSIL\*T\*\*HSLE\*HSKTGSWKIKRTIWVE\*NSIL\*SILRGGPRSCTAYF\*LWRGIFLL\*RIKSVS\*CLAG\*WYLE\*HLE\*HH\*NKWDNYTPM\*NKTNYKHVAGSRKSNVCPSHQRKX\*M\*IKYYRAATNKRWGC\*RDQ\*YRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVNDVDGTGQTIIVWYSAAAK\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*IYG\*YLE\*HDLDAMGKRN\*QLHRFNIQLN\*RIANPTRKE\*KGIIGIG\*VGKFVELVYHIKLAVVYKIIHNDSRRINRVKNSFYCTFYSE\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRERQRQIRKL

>B.2012.MG197205.-

MDPVDPRLEPWKHPGSQPRTACNKCYCKKCCYHCQVCFITKGLGISYGRKKWRQRRRPPQDSQTHQRDLSKQ\*VVYVMYSLYILSIVALVVAAILAIVVWTIVLIEYRRIRRQKRIDRLIDRIRERAEDSGNESEEDQEELLVAMGHDAPWNVDDL\*C\*RTIVGHSLLWGTCVERGNYHSVLCIRC\*SI\*HRDA\*CLGHTCLCTHRPQPTRSSIDKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLRYFKLQ\*CH\*QPXYRGDYYHYQP\*GKDGTRRNKELLFQYHHKHKR\*SEERICTFL\*P\*CSTNRR\*\*\*\*\*\*Y\*\*Y\*LY\*L\*VNKLQHLSHYPGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*YKVQWIRTL\*KCQHSTMHTWN\*ASSVNSTAVKWQPSRRGDSN\*VCKFHGQC\*NHNSTAEGTCKHYLYKTQQQYKKKYTYRTRKSILCNRRDNRRYKKSIL\*T\*\*HSLE\*HSKTGSWKIKRTIWVE\*NSIL\*SILRGGPRSCTAYF\*LWRGIFLL\*RIKSVS\*CLAG\*WYLE\*HLE\*HH\*NKWDNYTPM\*NKTNYKHVAGSRKSNVCPSHQRKN\*M\*IKYYRAATNKRWGC\*RDQ\*YRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVNDADGTSQTIIVWYSAAAK\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTTPRDLGLLWKTHLHHYCALEF\*LE\*\*IYG\*YLE\*HDLDAMGKRN\*QLHRFNIQLN\*RIANPTRKE\*KGIIGIG\*VGKFVELVYHIKLAVVYKIIHNDSRRINRVKNSFYCTFYSE\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRERQRQIRKL

>B.2012.MG197206.-

MDPVDPRLEPWKHPGSQPRTACNKCYCKKCCYHCQVCFITKGLGISYGRKKWRQRRRPPQDSQTHQRDLSKQ\*VVYVMYSLYILSIVALVVAAILAIVVWTIVLIEYRRIRRQKRIDRLIDRIRERAEDSGNESEEDQEELLVAMGHDAPWNVDDL\*C\*RTIVGHSLLWGTCVERGNYHSVLCIRC\*SI\*HRDA\*CLGHTCLCTHRPQPTRSSIDKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLRYFKLQ\*CH\*QP\*YRGDYYHYQP\*GKDGTRRNKELLFQYHHKHKR\*SEERICTFL\*P\*CSTNRR\*\*\*\*\*\*Y\*\*Y\*LY\*L\*VNKLQHLSHYPGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*YKVQWIRTL\*KCQHSTMHTWN\*ASSVNSTAVKWQPSRRGDSN\*VCKFHGQC\*NHNSTAEGTCKHYLYKTQQQYKKKYTYRTRKSILCNRRDNRRYKKSIL\*T\*\*HSLE\*HSKTGSWKIKRTIWVE\*NSIL\*SILRGGPRSCTAYF\*LWRGIFLL\*RIKSVS\*CLAG\*WYLE\*HLE\*HH\*NKWDNYTPM\*NKTNYKHVAGSRKSNVCPSHQRKN\*M\*IKYYRAATNKRWGC\*RDQ\*YRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVNDADGTSQTIIVWYSAAAK\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTTPRDLGLLWKTHLHHYCALEF\*LE\*\*IYG\*YLE\*HDLDAMGKRN\*QLHRFNIQLN\*RIANPTRKE\*KGIIGIG\*VGKFVELVYHIKLAVVYKIIHNDSRRINRVKNSFYCTFYSE\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRERQRQIRKL

>B.2012.MG197207.-

MDPVDPRLEPWKHPGSQPRTACNKCYCKKCCYHCQVCFITKGLGISYGRKKWRQRRRPPQDSQTHQRDLSKQ\*VVYVMYSLYILSIVALVVAAILAIVVWTIVLIEYRRIRRQKRIDRLIDRIRERAEDSGNESEEDQEELLVAMGHDAPWNVDDL\*C\*RTIVGHSLLWGTCVERGNYHSVLCIRC\*SI\*HRDA\*CLGHTCLCTHRPQPTRSSIDKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLRYFKLQ\*CH\*QP\*YRGDYYHYQP\*GKDGTRRNKELLFQYHHKHKR\*SEERICTFL\*P\*CSTNRR\*\*\*\*\*\*Y\*\*Y\*LY\*L\*VNKLQHLSHYPGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*YKVQWTRTL\*KCQHSTMHTWN\*ASSVNSTAVKWQPSRRGDSN\*VCKFHGQC\*NHNSTAEGTCKHYLYKTQQQYKKKYTYRTRKSILCNRRDNRRYKKSIL\*T\*\*HSLE\*HSKTGSWKIKRTIWVE\*NSIL\*SILRGGPRSCTAYF\*LWRGIFLL\*RIKSVS\*CLAG\*WYLE\*HLE\*HH\*NKWDNYTPM\*NKTNYKHVAGSRKSNVCPSHQRKN\*M\*IKYYRAATNKRWGC\*RDQ\*YRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVNDADGTSQTIIVWYSAAAK\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEF\*LE\*\*IYG\*YLE\*HDLDAMGKRN\*QLHRFNIQLN\*RIANPTRKE\*KGIIGIG\*VGKFVELVYHIKLAVVYKIIHNDSRRINRVKNSFYCTFYSE\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRERQRQIRKL

>B.2012.MG197208.-

MDPVDPRLEPWKHPGSQPRTACNKCYCKKCCYHCQVCFITKGLGISYGRKKWRQRRRPPQDSQTHQRDLSKQ\*VVYVMYSLYILSIVALVVAAILAIVVWTIVLIEYRRIRRQKRIDRLIDRIRERAEDSGNESEEDQEELLVAMGHDAPWNVDDL\*C\*RTIVGHSLLWGTCVERGNYHSVLCIRC\*SI\*HRDA\*CLGHTCLCTHRPQPTRSSIDKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKLKAMCKINPTLRYFKLQ\*CH\*QP\*YRGDYYHYQP\*GKDGTRRNKELLFQYHHKHKR\*SEERICTFL\*P\*CSTNRR\*\*\*\*\*\*Y\*\*Y\*LY\*L\*VNKLQHLSHYPGLSKDIL\*ANSHTLLCPGWFCDSKM\*\*YKVQWIRTL\*KCQHSTMHTWN\*ASSVNSTAVKWQPSRRGDSN\*VCKFHGQC\*NHNSTAEGTCKHYLYKTQQQYKKKYTYRTRKSILCNRRDNRRYKKSIL\*T\*\*HSLE\*HSKTGSWKIKRTIWVE\*NSIL\*SILRGGPRSCTAYF\*LWRGIFLL\*RIKSVS\*CLAG\*WYLE\*HLE\*HH\*NKWDNYTPM\*NKTNYKHVAGSRKSNVCPSHQRKN\*M\*IKYYRAATNKRWGC\*RDQ\*YRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTYQGKEKSGAERKKSSGTRSFVHWVLGSSRKHYGRSVNDADGTSQTIIVWYSAAAK\*LAESY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLFWKTHLHHYCALEF\*LE\*\*IYG\*YLE\*HDLDAMGKRN\*QLHRFNIQLN\*RIANPTRKE\*KGIIGIG\*VGKFVELVYHIKLAVVYKIIHNDSRRINRVKNSFYCTFYSE\*S\*AGILTIVVSDPPPSSEGTRQARRNRRRRWRERQRQIRKL

>B.2012.MG197209.-

MDPVDPRLEPWKHPGSQPRTACNKCYCKKCCYHCQVCFITKGLGISYGRKKWRQRRRPPQDSQTHQRDLSKQ\*VVYVMYSLYILSIVALVVAAILAIVVWTIVLIEYRRIRRQKRIDRLIDRIRERAEDSGNESEEDQEELLVAMGHDAPWNVDDL\*C\*RTIVGHSLLWGTCVERGNYHSVLCIRC\*SI\*HRDA\*CLGHTCLCTHRPQPQEVVLTNVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCSNATSSPSTGGTTTTISLKERMEPGEIKNCSFNITTNIRDKVKKEYALFYNLDVVQIEDSDSNSNTSNTNYTNYRLTSCNTSVITQACPKISFEPIPIHYCAPAGFAILKCNDTKFNGSGPCKNVSTVQCTHGIRPVVSTQLLLNGSLAEEEIVIRSANFTDNARTIIVQLKEPVNITCIRPNNNTRKSIHIGPGRAFYATGEIIGDIRKAYCKLNSTAWNNTLRQVAGKLKEQFGWNKTVYFNQSSGGDPEVVLHTFNCGGEFFYCNASNLFHSAWLVNGTWNNTWNDTIETNGTITLPCRIKQIINMWQEVGKAMYAPPIRGKIRCESNITGLLLIRDGGVNGTNDTETFRPGGGNMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGLGALFIGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIWGCSGKLICTTTVPWNSSWSNKSMDDIWNNMTWMQWEKEIDNYTGLIYNLIEESQIQQEKNEKELLELDKWASLWNWFTISNWLWYIKLFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTRLPAQRGPDRPEGTEEEGGERDRDRSGSL

>B.2010.MG197210.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRPHQDSQTHQRDLPKQ\*VVDVMQALEISAIIALVVAGIIAIVVWSIVLVEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVDNSALVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*QRGA\*CLGHTCLCAHRPQPTRTSIGKCDRRV\*CVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYSKLH\*LQGE\*\*YYKYY\*ESLS\*GRGRNEKLLFQYHHRLKR\*EKERICTFL\*T\*CSTNRR\*KQYYL\*TDKL\*HLSHYPGLSKGNL\*ANSHTLLCPSWFCDSKV\*Q\*DI\*WKRTMHKCQHSTMYTWN\*ASSINSTAVKWQSSRRRHSN\*I\*QFLRQC\*NHNSTAESTCTNKLYKAQQQYKEKYTYRTRKCILYNRRGNRRYKTGTL\*H\*WDKMEEHFKPDS\*KIKRTIWE\*NNNIY\*LLRRRSRNCNAHFQLWRGIFLL\*FNTIV\*\*YLE\*YLEFE\*\*\*YWGQWK\*HYHTPMQNKTSHKHVAGSRKSNVCPSHQRTN\*MFIKYYRAVINKRWWYW\*EQYREQ\*YRDLPTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSDIRSFARWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGY\*GAAAPVATHSLGR\*TAPGKSPGCGKIPKGSTAPGNLGLLWKSHLHHCCALEC\*LE\*\*NCE\*HLGQLNLDAVGKGN\*QLHRLNIHLT\*GIAVPTRKE\*TRLIGIRQMGKFVELVQYNKLAVVYKNIHNDSRRLDRFKNNFYCTFYNK\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2010.MG197211.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRPHQDSQTHQRDLPKQ\*VVDVMQALEISAIIALVVAGIIAIVVWSIVLVEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVDNSALVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*QRGA\*CLGHTCLCAHRPQPTRTSIGKCDRRV\*CVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYSKLH\*LQGE\*\*YYKYY\*ESLS\*GRGRNEKLLFQYHHRLKR\*EKERICTFL\*T\*CSTNRR\*KQYYL\*TDKL\*HLSHYPGLSKGNL\*ANSHTLLCPSWFCDSKV\*Q\*DI\*WKRTMHKCQHSTMYTWN\*ASSINSTAVKWQSSRRRHSN\*I\*QFLRQC\*NHNSTAESTCTNKLYKAQQQYKEKYTYRTRKCILYNRRGNRRYKTGTL\*H\*WDKMEEHFKPDS\*KIKRTIWE\*NNNIY\*LLRRRSRNCNAHFQLWRGIFLL\*FNTIV\*\*YLE\*YLEFE\*\*\*YWGQWK\*HYHTPMQNKTSHKHVAGSRKSNVCPSHQXTN\*MFIKYYRAVINKRWWYW\*EQYREQ\*YRDLPTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSDIRSFARWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGY\*GAAAPVATHSLGR\*TAPGKSPGCGKIPKGSTAPGNLGLLWKSHLHHCCALEC\*LE\*\*NCE\*HLGQLNLDAVGKGN\*QLHRLNIHLT\*GIAVPTRKE\*TRLIGIRQMGKFVELVQYNKLAVVYKNIHNDSRRLDRFKNNFYCTFYNK\*S\*AGILTIVISDPPPNPEGTRQARRNRKRRWRERQRQIRTI

>B.2010.MG197212.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRPHQDSQTHQRDLPKQ\*VVDVMQALEISAIIALVVAGIIAIVVWSIVLVEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVDNSALVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*QRGA\*CLGHTCLCAHRPQPTRTSIGKCDRRV\*CVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYSKLH\*LQGE\*\*YYKYY\*ESLS\*GRGRNEKLLFQYHHRLKR\*EKERICTFL\*T\*CSTNRR\*KQYYL\*TDKL\*HLSHYPGLSKGNL\*ANSHTLLCPSWFCDSKV\*Q\*DI\*WKRTMHKCQHSTMYTWN\*ASSINSTAVKWQSSRRRHSN\*I\*QFLRQC\*NHNSTAESTCTNKLYKAQQQYKEKYTYRTRKCILYNRRGNRRYKTGTL\*H\*WDKMEEHFKPDS\*KIKRTIWE\*NNNIY\*LLRRRSRNCNAHFQLWRGIFLL\*FNTIV\*\*YLE\*YLEFE\*\*\*YWGQWK\*HYHTPMQNKTSHKHVAGSRKSNVCPSHQRTN\*MFIKYYRAVINKRWWYW\*EQYQEQ\*YRDLPTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSDIRSFARWVLGSSRKHYGRSVSDADGTSQTINVWYSAAAEQSAEGY\*GAAAPVATHSLGR\*TAPGKSPGCGKIPKGSTAPGNLGLLRKSHLHHCCALEC\*LE\*\*NCE\*HLGQLNLDAVGKGN\*QLHRLNIHLT\*GIAVPTRKE\*TRLIGIRQMGKFVELVQYNKLAVVYKNIHNDSRRLDRFKNNFYCTFYNK\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2010.MG197213.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRPHQDSQTHQRDLPKQ\*VVDVMQALEISAIIALVVAGIIAIVVWSIVLVEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVDNSALVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*QRGA\*CLGHTCLCAHRPQPTRTSIGKCDRRV\*CVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYSKLH\*LQGE\*\*YYKYY\*ESLS\*GRGRNEKLLFQYHHRLKR\*EKERICTFL\*T\*CSTNRR\*KQYYL\*TDKL\*HLSHYPGLSKGNL\*ANSHTLLCPSWFCDSKV\*Q\*DI\*WKRTMHKCQHSTMYTWN\*ASSINSTAVKWQSSRRRHSN\*I\*QFLRQC\*NHNSTAESTCTNKLYKAQQQYKEKYTYRTRKCNRRGNRRYKTGTL\*H\*WDKMEEHFKPDS\*KIKRTIWE\*NNNIY\*LLRRRSRNCNAHFQLWRGIFLL\*FNTIV\*\*YLE\*YLEFE\*\*\*YWGQWK\*HYHTPMQNKTSHKHVAGSRKSNVCPSHQRTN\*MFIKYYRAVINKRWWYW\*EQYQEQ\*YRDLPTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSDIRSFARWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGY\*GAAAPVATHSLGR\*TAPGKSPGCGKIPKGSTAPGNLGLLRKSHLHHCCALEC\*LE\*\*NCE\*HLGQLNLDAVGKGN\*QLHRLNIHLT\*GIAVPTRKE\*TRLIGIRQMGKFVELVQYNKLAVVYKNIHNNSRRLDRFKNNFYCTFYNK\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2010.MG197214.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRPHQDSQTHQRDLPKQ\*VVDVMQALEISAIIALVVAGIIAIVVWSIVLVEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVDNSALVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*QRGA\*CLGHTCLCAHRPQPTRTSIGKCDRRV\*CVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYSKLH\*LQGE\*\*YYKYY\*ESLS\*GRGRNEKLLFQYHHRLKR\*EKERICTFL\*T\*CSTNRR\*KQYYL\*TDKL\*HLSHYPGLSKGNL\*ANSHTLLCPSWFCDSKV\*Q\*DI\*WKRTMHKCQHSTMYTWN\*ASSINSTAVKWQSSRRRHSN\*I\*QFLRQC\*NHNSTAESTCTNKLYKAQQQYKEKYTYRTRKCILYNRRGNRRYKTGTL\*H\*WDKMEEHFKPDS\*KIKRTIWE\*NNNIY\*LLRRRSRNCNAHFQLWRGIFLL\*FNTIV\*\*YLE\*YLEFE\*\*\*YWGQWK\*HYHTPMQNKTSHKHVAGSRKSNVCPSHQRTN\*MFIKYYRAVINKRWWYW\*EQYREQ\*YRDLPTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSDIRSFARWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGY\*GAAAPVATHSLGH\*TAPGKSPGCGKIPKGSTAPGNLGLLWKSHLHHCCALEC\*LE\*\*NCE\*HLGQLNLDAVGKGN\*QLHRLNIHLT\*GIAVPTRKE\*TRLIGIRQMGKFVELVQYNKLAVVYKNIHNDSRRLDRFKNNFYCTFYNK\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2010.MG197215.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRPHQDSQTHQRDLPKQ\*VVDVMQALEISAIIALVVAGIIAIVVWSIVLVEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVDNSALVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*QRGA\*CLGHTCLCAHRPQPTRTSIGKCDRRV\*CVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYSKLH\*LQGE\*\*YYKYY\*ESLS\*GRGRNEKLLFQYHHRLKR\*EKERICTFL\*T\*CSTNRR\*KQYYL\*TDKL\*HLSHYPGLSKGNL\*ANSHTLLCPSWFCDSKV\*Q\*DI\*WKRTMHKCQHSTMYTWN\*ASSINSTAVKWQSSRRRHSN\*I\*QFLRQC\*NHNSTAESTCTNKLYKAQQQYKEKYTYRTRKCILYNRRGNRRYKTGTL\*H\*WDKMEEHFKPDS\*KIKRTIWE\*NNNIY\*LLRRRSRNCNAHFQLWRGIFLL\*FNTIV\*\*YLE\*YLEFE\*\*\*YWGQWK\*HYHTPMQNKTSHKHVAGSRKSNVCPSHQRTN\*MFIKYYRAVINKRWW\*W\*EQYREQ\*YRDLPTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSDIRSFARWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGY\*GAAAPVATHSLGR\*TAPGKSPGCGKIPKGSTAPGNLGLLWKSHLHHCCALEC\*LE\*\*NCE\*HLGQLNLDAVGKGN\*QLHRLNIHLT\*GIAVPTRKE\*TRLIGIRQMGKFVELVQYNKLAVVYKNIHNDSRRLDRFKNNFYCTFYNK\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2010.MG197216.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRPHQDSQTHQRDLPKQ\*VVDVMQALEISAIIALVVAGIIAIVVWSIVLVEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVDNSALVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*QRGA\*CLGHTCLCAHRPQPTRTSIGKCDRRV\*CVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYSKLH\*LQGE\*\*YYKYY\*ESLS\*GRGRNEKLLFQYHHRLKR\*EKERICTFL\*T\*CSTNRR\*KQYYL\*TDKL\*HLSHYPGLSKGNL\*ANSHTLLCPSWFCDSKV\*Q\*DI\*WKRTMHKCQHSTMYTWN\*ASSINSTAVKWQSSRRRHSN\*I\*QFLRQC\*NHNSTAESTCTNKLYKAQQQYKEKYTYRTRKCILYNRRGNRRYKTGTL\*H\*WDKMEEHFKPDS\*KIKRTIWE\*NNNIY\*LLRRRSRNCNAHFQLWRGIFLL\*FNTIV\*\*YLE\*YLEFE\*\*\*YWGQWK\*HYHTPMQNKTSHKHVAGSRKSNVCPSHQRTN\*MFIKYYRAVINKRWWYW\*EQYQEQ\*YRDLPTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSDIRSFARWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGY\*GAAAPVATHSLGR\*TAPGKSPGCGKIPKGSTAPGNLGLLWKSHLHHCCALEC\*LE\*\*NCE\*HLGQLNLDAVGKGN\*QLHRLNIHLT\*GIAVPTRKE\*TRLIGIRQMGKFVELVQYNKLAVVYKNIHNDSRRLDRFKNNFYCTFYNK\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2010.MG197217.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRPHQDSQTHQRDLPKQ\*VVDVMQALEISAIIALVVAGIIALVVWSIVLVEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVDNSALVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*QRGA\*CLGHTCLCAHRPQPTRTSIGKCDRRV\*CVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYSKLH\*LQGE\*\*YYKYY\*ESLS\*GRGRNEKLLFQYHHRLKR\*EKERICTFL\*T\*CSTNRR\*KQYYL\*TDKL\*HLSHYPGLSKGNL\*ANSHTLLCPSWFCDSKV\*Q\*DI\*WKRTMHKCQHSTMYTWN\*ASSINSTAVKWQSSRRRHSN\*I\*QFLRQC\*NHNSTAESTCTNKLYKAQQQYKEKYTYRTRKCILYNRRGNRRYKTGTL\*H\*WDKMEEHFKPDS\*KIKRTIWE\*NNNIY\*LLRRRSRNCNAHFQLWRGIFLL\*FNTIV\*\*YLE\*YLEFE\*\*\*YWGQWK\*HYHTPMQNKTSHKHVAGSRKSNVCPSHQRTN\*MFIKYYRAVINKRWWYW\*EQYREQ\*YRDLPTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSDIRSFARWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGY\*GAAAPVATHSLGR\*TAPGKSPGCGKVPKGSTAPGNLGLLWKSHLHHCCALEC\*LE\*\*NCE\*HLGQLNLDAVGKGN\*QLHRLNIHLT\*GIAVPTRKE\*TRLIGIRQMGKFVELVQYNKLAVVYKNIHNDSRRLDRFKNNFYCTFYNK\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2010.MG197218.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRPHQDSQTHQRDLPKQ\*VVDVMQALEISAIIALVVAGIIAIVVWSIVLVEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVDNSALVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*QRGA\*CLGHTCLCAHRPQPTRTSIGKCDRRV\*CVEK\*HGRTDA\*GYNQFMGSKPKAMCKINSTLCYSKLH\*LQGE\*\*YYKYY\*ESLS\*GRGRNEKLLFQYHHRLKR\*EKERICTFL\*T\*CSTNRR\*KQYYL\*TDKL\*HLSHYPGLSKGNL\*ANSHTLLCPSWFCDSKV\*Q\*DI\*WKRTMHKCQHSTMYTWN\*ASSINSTAVKWQSSRRRHSN\*I\*QFLRQC\*NHNSTAESTCTNKLYKAQQQYKEKYTYRTRKCILYNRRGNRRYKTGTL\*H\*WDKMEEHFKPDS\*KIKRTIWE\*NNNIY\*LLRRRSRNCNAHFQLWRGIFLL\*FNTIV\*\*YLE\*YLEFE\*\*\*YWGQWK\*HYHTPMQNKTSHKHVAGSRKSNVCPSHQRTN\*MFIKYYRAVINKRWWYW\*EQYREQ\*YRDLPTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSDIRSFARWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGY\*GAAAPVATHSLGR\*TAPGKSPGCGKIPKGSTAPGNLGLLWKSHLHHCCALEC\*LE\*\*NCE\*HLGQLNLDAVGKGN\*QLHRLNIHLT\*GIAVPTRKE\*TRLIGIRQMGKFVELVQYNKLAVVYKNIHNDSRRLDRFKNNFYCTFYNK\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2010.MG197219.-

MEPVDPKLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFTRKGLGISYGRKKRRQRRRPHQDSQTHQRDLPKQ\*VVDVMQALEISAIIALVVAGIIAIVVWSIVLVEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVDNSALVEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*QRGA\*CLGHTCLCAHRPQPTRTSIGKCDRRV\*CVEK\*HGRTDA\*GYNQFMGSKPXAMCKINSTLCYSKLH\*LQGE\*\*YYKYY\*ESLS\*GRGRNEKLLFQYHHRLKR\*EKERICTFL\*T\*CSTNRR\*KQYYL\*TDKL\*HLSHYPGLSKGNL\*ANSHTLLCPSWFCDSKV\*Q\*DI\*WKRTMHKCQHSTMYTWN\*ASSINSTAVKWQSSRRRHSN\*I\*QFLRQC\*NHNSTAESTCTNKLYKAQQQYKEKYTYRTRKCILYNRRGNRRYKTGTL\*H\*WDKMEEHFKPDS\*KIKRTIWE\*NNNIY\*LLRRRSRNCNAHFQLWRGIFLL\*FNTIV\*\*YLE\*YLEFE\*\*\*YWGQWK\*HYHTPMQNKTSHKHVAGSRKSNVCPSHQRTN\*MFIKYYRAVINKRWWYW\*EQYREQ\*YRDLPTWRRRYEGQLEK\*TI\*I\*SSKN\*TIRNSTHQGKEKSGAKRKKSSDIRSFARWVLGSSRKHYGRSVSDADGTSQTIIVWYSAAAEQSAEGY\*GAAAPVATHSLGR\*TAPGKSPGCGKIPKGSTAPGNLGLLWKSHLHHCCALEC\*LE\*\*NCE\*HLGQLNLDAVGKGN\*QLHRLNIHLT\*GIAVPTRKE\*TRLIGIRQMGKFVELVQYNKLAVVYKNIHNDSRRLDRFKNNFYCTFYNK\*S\*AGILTIVISDPPPNPEGTRQARRNRRRRWRERQRQIRTI

>B.2016.MG571981.-

MEPVDPRLEPWKHPGSQPKTACNTCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRPPQDSQTHQVPLSKQ\*VVYVMQALEILAIVALVVAAIIAIVVWTIVGIEYRKILRQRKIDKILDRIRERAEDSGNESEGDQEELSALVEMGHHAHWDVDDL\*S\*R\*FVGHSLLWSTCVERSNHHSILCIKC\*SL\*PRGT\*CLGHTCLCTHRPQSTRISIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLY\*FEECE\*YSH\*\*\*WH\*YEKLLFQYHHKCKR\*NTERICTFL\*T\*YNTNR\*\*\*YKLYVDKL\*HLSHYTGLSKGNL\*TNSHTLLYPGWLCASKV\*\*\*KVQWIRTMYKCQHNTMYTWN\*ASSVNSIAVKWQSSRRRGSN\*I\*KFHRQC\*KHNSAAE\*NYNN\*LYKTQQQYKKKYTYGMGESILCNRRNNRRHKTSTL\*H\*\*KGLGKHFKTDS\*KII\*TI\*\*\*NNSLPKKCRRGPRN\*NTQF\*LRRGILLL\*YNTAV\*\*YLE\*NTAV\*\*Y\*\*\*Y\*RE\*EYHTPMQNKTNCKQVAGSRKSNVCPSHQRTN\*LFIKHYRADTNKRW\*R\*RVCEQ\*DFQTWRRKYEGQLEK\*II\*I\*SSKNRAIRSSTHQGKEKSGAERKKSSGDVRSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAE\*SAEGY\*GATTSVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTYLHHYCALEC\*LE\*\*ISECNLG\*HDLDGVGERN\*QLHKLNIHLN\*RIAEPTRKE\*TRIIGIG\*VGKSVELVRHNKMAVVYKNIHNDSRRLSRFKNSFCCTFYSK\*S\*AGVLTIIISDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2016.MG571982.-

MEPVDPSLEPWNHPGSQPRTACNKCYCKKCCFHCQVCFTTKGLGICYGRKKRRQRRRAHQDRETHQVSLSKQ\*VVHVMIPLTAIAIVALVIVAIIAIVVWTIVLLEYRKILRQRKIDRLLDRIRERAEDSGNESDGDQEELSALVERGHLAPWNVDDL\*XYKTRRIVGHSLLWGTCVERGKHHSILCIRC\*GI\*HRGT\*CLGHTCLCTHRP\*PTRSTIGECDRKI\*YVEK\*HGRTDA\*GYN\*FMG\*KPKTMCKINPTLCCLKLH\*LH\*C\*FHCCQ\*\*L\*C\*CH\*K\*\*WGKDGGRNKKLLFLDYHTNKK\*GATRTCTI\*CT\*YSTNR\*Q\*\*\*KLYVDKL\*HLNH\*TSLSKGVL\*TNSYTLLHPGWFFASKM\*\*\*TVQWIRAMYKCQHSTMYTWN\*ASSINSTAAKWQSSRRRDSN\*I\*KFHEQC\*KYNSTAE\*ICNN\*LYKTQQQYKKKYTYRMGENIVCNRKNNRRYKTSIL\*P\*\*STLGKNFRKNSYKIK\*TIYK\*DNSL\*SILRRGSRN\*NAHF\*L\*RGIFLL\*YIKTI\*WYLV\*CDS\*NLGKW\*\*\*\*NYHTPMQNKTNYKQVAGSRKSNVCPSHCRTN\*LYIKYNRDDINKRWG\*\*ERT\*RNLQAWGRRYEGQLEK\*II\*I\*GSKN\*AIRSSTHQGKEKSGAERKKSDNAGSYVPWVLGSSRKHYGRSVADADGTGQTIIVWYSAAAEQSAESY\*GATAYIATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHFCALEC\*LE\*\*ISGKNLG\*HDLDAVGERN\*\*LHRGNIQIT\*SITKPARKE\*TRFIGIR\*VGKFMGLV\*HNTVAVVYKNIHNDSRRLNRFKNSFYCAFFSK\*M\*GGILTIVIPDPPPNPEGTRRARRNRRRRWRERQRQIQKI

>B.2016.MG571983.-

MEPVDPRLEPWKHPGSQPRTACNNCYCKKCCFHCQVCFISKGLGISYGRKKRRQRRGPPQDSQIHQVSLSKQ\*VVHVMQSLQILAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQDELAKLVEMGPDDLWNVDDL\*YCKVVGHSLLWGTCVERSNHHSILCIRC\*SS\*ERGA\*CLGHTCLCTHRP\*STRNTLECDRKF\*HVEK\*HGRPNA\*GYNQFMG\*KPKAMCKINPALCYFKLY\*L\*WHC\*FNYC\*SNY\*Y\*QPENGGGRNKKLFFQYHHKYRK\*VAERRCTFL\*TGYNGNRWK\*YKLYTNKL\*HLSH\*TGLSKGIL\*TNSHTLLYPGWFCDSKV\*\*\*KVQWNRTL\*QCQRSTMYTWN\*ASSVNSIAVKWQSSRRRDSN\*I\*KFHK\*C\*NHNSTAEQIYSNYLYKT\*Q\*YKKKYTFGTRRNILCNRRNNRKYKTSIL\*P\*WNAME\*NYGTDKYKIKRTI\*\*\*\*NNII\*SILRRGSRDCHAHF\*LWRGIFLR\*YIKPV\*\*\*YYRDYKEWDYHTPMQNKTNYKQVAGSRKSNVCPSHQRTNQLYIKYYRAAINKRWWWW\*\*ES\*RDLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGTEKSGAKRKKSSGSTRSYVPWVLGSSRKHYGRSVNNADGTGQTSIVWYSATAKQFAEGY\*GATAFVATHSLGHQAAPGKSPGCGKIPTGSTAPRDLGLLWETHLRH\*CALEY\*LE\*\*IS\*\*DLGQHDLDAVGKRN\*QLHRLNIHLA\*RIANPTRKK\*KRIIGIG\*VGKFVELV\*YIKLAVVYKIIHNNSRRLSRLKDNFYCTFFSE\*S\*AGILTTIIPDPPPRPEGTRQARRNRRRRWRERQRQIQSI

>B.2016.MG571987.-

MEPVDPRLEPWKHPGSQPKTACTQCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRTPQDNPAHQASLPKQ\*VVYVMQTLVIIAIAALIVVAIIAIVVWSIVIIEYRKILRQRKIDRIIERIRERAEDSGNESEGDQEELSALVEMGHDAPWNVDDL\*CCRPIVGHSLLWGACVERSKYHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSSIGKCDRKFQYVEK\*HGRTNA\*GCNQFMGSKPKAMCKINPTLCCFKLQ\*Y\*YH\*YSECY\*\*\*\*WGRHEGRTKKLLFQYHFRHKKEGANRICSV\*\*T\*CSAN\*\*\*\*YYKLYVNKL\*HLSHYTGLSKGIL\*TNSNTLLCPGWFCDSKV\*\*\*KF\*WNRTM\*KCQYSTMYTWN\*ASSVNTTAIKWQSSRRRGSN\*ISKFHRQC\*NHNSTAK\*NCKN\*LYKTRQQYKKKYKYGTRESTLCNRSHNRRYKKSTL\*N\*ER\*LE\*HFKKDSYKITGTI\*YNKHNL\*SILRRGPRNCNAQFYLWRGIFLL\*YNITV\*\*YLAA\*\*YWKCYCAKQNGRNYHTPMQNKTNYKYVAKSRKSNVCPSHQRLY\*LFIKYYRAAISKGWW\*\*\*SV\*SG\*NLQTWRRRYEGQLEK\*II\*I\*SSKN\*AIRNSTHQGKEKSGAERKKSSGDTRSCVPWVLGSSREHYGRSVTNADGTG\*TIIVWYSATAEQFAESY\*GATAYIATHSLGHQAAPGKSPSCGKIPTGSTAPGDLGLLWKTHLHHCCALE\*\*LE\*\*IL\*SNLG\*HDLDAVGERN\*QLHTKHIHLT\*GIAEPAGKE\*TRTVGIG\*VGKFMELV\*HNKMAVVYKNIHNDSRRLSRFKNSFYCTFCSK\*S\*EGILTIIVPDPPPNLEGTRQARRNRRRRWRERQRHIQTI

>B.2016.MG571988.-

MEPVDPRLEPWKHPGSQPKTACTQCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAPQDSPAHQASLPKQ\*VVYVMQPLVIVAIAALVVVAIIAIVVWGIVIIEYRKILRQRKIDKIIERIRERAEDSGNESEGDHEELSALVEMGHDAPWNVDDL\*CCKPIVGHSLLWGACVERSKYHFILCIRC\*SI\*YRGT\*CLGHTCLCTHRP\*PTRSGIGKCDRKFQYVEK\*HGRTNA\*GCNQFMG\*KPKAMCKINPTLCCFKLL\*LEN\*\*CY\*YH\*NQ\*YSYCSYYQ\*\*WGRHEGRTKKLHFQYHFRHKTEGANRICSV\*\*T\*CCAN\*\*YYRLYVNKL\*HLSHHTGLSKDIL\*TNSNTLLCPGWFCDSKV\*\*\*KF\*WNRTM\*KCQYSTMYTWN\*ASSVNTTTIKWQSSRRRGSN\*ICKFHRQC\*NHNSTAK\*NCRNQLYKTRQQYKEKYTYGTRESTLCNRSHNRRYKKSTL\*N\*ER\*LE\*HFKKDSYKITGTI\*YNNHNL\*SSLRRGPRNCNAQFQLWRGIFLL\*YNITV\*\*YLAA\*\*Y\*EWHCAKQNERNYHNPMQNKTNYKYVAKSRKSNVCPSHQRLY\*LFIKYYRAAINKGWW\*\*\*SV\*SV\*NLQTWRRRYEGQLEK\*II\*I\*SSKS\*AIRNSTHQGKEKSGAERKKSSGDTRSCVPWVLGSSRKHYGRSVTNADGTG\*TIIVWYSATAEQFAESY\*GATAYIATHSLGHQAAPGKSPSCGKIPTGSTAPGDLGLLWKTHLHHCCALE\*\*LE\*\*IL\*SDLG\*HDLDAVGERN\*QLHTKHIHLT\*GITEPAGKE\*TRTFGIGYLGKFMELV\*HNKMAVVYKNIHNDSRRLSRFKNSFYCTFYSK\*S\*EGILTIIVPDPPPNLEGTRQARRNRRRRWRERQRHIQTI

>B.2016.MG571990.-

MEPVDPRLEPWKHPGSQPRTACTNCYCKRCCFHCQVCFTTKGLGISYGRKKRRQRRRAPQDSQTNQADLPKQ\*VVHVMQSLAIVSIVALVIVSIIAIVVWSIVLIEYRKILRQRKIDRLINRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRRIVGHSLLWGTCVEGSKCYPILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSRFGKCDRKF\*HVEK\*HGRTNA\*GCNQSMGPKPKAMCTINPTLCYFKLH\*LE\*YCYQCY\*YQCYPCHGQRRNKELLF\*CHHTHKR\*ETERICTFL\*T\*CSTNR\*\*\*\*\*L\*\*L\*NDKL\*HFSHYTGLSKDIL\*ANSNTFLCPGWLCDFKV\*R\*EVQGNRTMYKC\*HGTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ISKFHEQC\*NHNSTAKRSCKHYLYKTQQQYKKRYTYRTRECILYNRTNNRGYKTSTL\*H\*QKRLE\*DFRTGS\*KIKRTIWE\*NNNL\*SVLRRGPRNCNTQF\*LWRGIFLL\*YNKTI\*\*YLGWVKHHRK\*YK\*HSDHTPMQNKTNYKHVAASRKSNVCPSHQRTN\*MFIKYYRAAVNKRWWKSYKWE\*DLQTRRRRYEGQLEK\*II\*I\*SSKN\*TIGSSTHQGKEKGGAERKKSSRTRSFVPWVLGSSRKHYGRSVTNADGTGQTVIVWYSATAEQLAEGY\*GATAHVATHSLGHQAAPGKSPCCGKIPKGSTAPRNLGLLWKTHLHHCCALEC\*LE\*\*ILQ\*HLG\*HDLDAVGQRN\*QLHKANIHLD\*TIAEPTRKE\*TGIIGIG\*MGKFVELV\*HIKLAVVYKNIHNDSRRPGRFKNNLFCTFYSK\*S\*AGIFTIIVPDPLPNQEGTRQARRNRRRRWRERQRQVRTI

>B.2016.MG571991.-

MEPIDPRLEPWKHPGSQPKTACSKCYCKKCCFHCQVCFITKGLGISYGRKKRGQRRRAAQDSPTDQDSLSKQ\*VVHVMQALTIIAIAALVVAAIIAIVVWTIVIIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSTLVVEMGHHAPWDVDDL\*G\*\*TIVGHSILWGTGVERSDHHSILCIRC\*RI\*NRGT\*CLGHTCLCTHRP\*PTRSSIEKCDRTF\*HVEKQYGRTDA\*GCN\*FMGRKPKAMCKINPTLCYFKLL\*L\*YH\*Q\*\*\*Y\*\*KYEGRNKKLLFQYHIKYKR\*GEKRICTF\*\*T\*CSTNRW\*\*CKLYIDKL\*YLSHYSGLSKDIL\*TNSNTFLYPCWICDSKV\*\*\*EFQWKRIM\*\*CQYSTMYTWN\*TSGVNSTAVKWQSSRRRGSN\*I\*KFHGQY\*KHNSTAEHNCKN\*LYKTWQQYKEKYIYGTRESILCNRRYNRKYKTSTL\*P\*\*SRMGKHFKTDS\*KIKGTI\*\*NTNNL\*SILRRGPRNYNAQF\*LCRGIFLL\*YNKAV\*\*YLE\*YYVK\*LYRV\*\*HHHTPMQNKTNCKQVAGSRKSNIRPSHQWKH\*LFIKYYRADINKRWRR\*\*V\*NFQTWRRKYERQLEK\*II\*I\*SSKN\*AIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSGSNADGTGQTIIVWYSATAEQPAEGY\*GAAAYVAAHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALE\*\*LE\*\*NL\*\*YLE\*YDLDTVGERD\*QLHRFNIHLT\*RVAEPTRKE\*KRPIGIG\*MGKPVDLV\*HIKLAVVYKNIYNDSRRPNRFKNSFYCTFYSE\*S\*AGILTLIVPDPLPSSEGTRKARRNRRRRWRRKQNWIRAI

>B.2016.MG571996.-

MEPIDPSLEPWKHPGSQPQTPCTNCYCKKCCFHCQVCFIKKGLGISYGRKKRRQRRRAHQDSQNNQVPLSKQ\*VIYVMKALAITAVVALVVAGIIAIIVWTIVLIEYRKLLRQRKINRILERIRERAEDSGNESEGDQEELAGLVERGHDAPWDVDDL\*CFKGYKQCVGHSTLWGTCVERGNHHSILCIRC\*SI\*HRGT\*CMGHTCLCTHRP\*PTRNSLGKCDRRI\*HVEE\*HGRTDA\*GYN\*FMGSKPKTMCKTNPTLCYFKLH\*SEEWDRD\*QC\*\*D\*RENGGRNKKLLFQCHHKHRK\*VAERICSFL\*T\*CTTNRG\*\*YKLYIDTV\*YLSHYTGLPKDILYTNSHTLLCPGWFCDSKMQR\*GVQWNRTLSKCQHSTMYTWN\*ASSVNSIAVKWQSIRRRGSN\*ISKFLRQC\*NLTSTAE\*NYKN\*LYKT\*\*QYKKKYTSRMGKSILCIRRNNRRHKTSTL\*P\*\*HTMEHHFTTDSQKITKTVWE\*NNNL\*APRRRGPRN\*DAQL\*LWRGIFLLQYNTAV\*FNLGY\*FNLDC\*GSRWKYHYHTPM\*NKTIYKQMAGGRKSNVCPSHQRNN\*LCIKYYRTTISERWW\*EQCNQ\*DLQAWRRRYEGQLEK\*TI\*I\*SSTD\*AVRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTTTVWYSATAEQLAESY\*GATTSVATHSLGHQTAPGKSPGCGKVPKGSTAPGDLGLLWKTHLHH\*CSLEY\*LE\*\*IFRDNLE\*HDLETVGKRN\*QLH\*VDILLT\*RIAKPTRKE\*TRVIRIG\*MGKLVELV\*HNKLAVVHKNIHNDSRRINRFKNSFYCAFYSE\*S\*AGILTIIIPDPPPSPEGTRQARRNRRRRWRERQRQIRTV

>B.2016.MG571999.-

MEPVDPRLEPWKHPGSQPKTACNTCYCKKCCYHCQVCFITKGLGISYGRKKRRQRRRSPQSSEIHQVSLSKQ\*VAYVMQNIVILAIVALVVAAILAIVVWTIVFIEYRKILRQRKIDRIIDRIRERAEDSGNESEGDQEELSALVERGHDAPWDVNDL\*CYNKLVGHSLLWGTCVERSNHHSILCIRC\*SICQRST\*CLGHTCLCTHRP\*PTRSTIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSEPKAMCEINPTLRYIELH\*CYYG\*\*Y\*\*\*\*\*Y\*\*Q\*\*Y\*\*\*NKGRNEKLLFQYNHKHKKQDAERICTFL\*IRCSTNR\*SD\*RIYVDKL\*HLNHYTGLSKGIL\*TNSHTLLYPSWFCDSKV\*\*\*KVQWNRTM\*KCQHSTMYTWN\*ASSVNSTAVKWQSCRRRYNN\*I\*KYYKQC\*NHNSTAEPNCTN\*LYKTQQQYKKKYTYGNGKSILCNRRNNRRYKTSTL\*PQ\*NSMGQHFNTDR\*KIKRTI\*Q\*NNSL\*PIFRRGPRNCNVQF\*LWRGIFLL\*YNKAV\*WYLEWYGFQ\*YWRIK\*HYHTPLQNKTNYK\*MAGSRKSNVCTSHQWTN\*LFIKYYRANVNKRWG\*G\*QFY\*NLQTWRRKYERQLEK\*II\*I\*NSKN\*AIRSSTHHGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRSVSDADGTGQTIIVWYSATAEQFAESY\*GATAHVATHSLGH\*AAPGKSPGCGKIPKGSTAPRDLGLLWKAHLHHCCALEC\*LE\*QISRXNLE\*HDLDGVGKGN\*QLHRLHIHFT\*RIAEPTRKK\*TRLIGIGSVGKFVELV\*HNKLAVVYKNIHNDSRRFSRFKNSFYCAFCSE\*S\*AGIFTIIVPDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.2016.MG572001.-

MEPVDPRLEP\*KHPGSQPRTSCTKCYCKKCCFHCQVCFLQKGLGISYGRKKRRQRRRPPQDSEVHQVSLSNQ\*VVYVMLDLQILAIVALVVAVIIAIIVWTIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELAALVEMGHHAYDAP\*DVNDL\*CYRKPVGHSILWGTCVERSNHHSILCVRC\*SI\*HRST\*CLGHTCLCTHRP\*PTRSSIRKCDRKF\*YVEK\*HSRTDA\*RYNQSIRSKSKAMCKINPNLCYFKLH\*FECH\*\*\*CYYHYC\*SLEGRNEKLLFQYHHKHREEVAKPICTLL\*A\*YSETRR\*K\*YYKLYVNKL\*HLSHYTGLSKDNL\*TNSHTLLCPGWFCDSKV\*\*\*GVQ\*NRTMYKC\*HSTMYT\*N\*ASSVNSTTVKWQPSRRRYNNQV\*KFHEQC\*NHNSTAE\*NYTN\*LYETQQQYKKRYTFRT\*RSDVCNRRNNKKHKASILRT\*LDTIE\*HFKTNS\*KTKRTI\*E\*NNKISATQPRRRPRNCNAQF\*L\*KGILLLQYIRAV\*LDIRDIRV\*\*DCRVK\*N\*HHSSM\*NKTNYKQVARSKKSNVCSSH\*KID\*LFIKYYRAVNNKRWW\*GQGH\*Q\*Y\*DFQACRRRYEGQLEK\*II\*I\*SSKT\*ASKNSTHQGKQKSGAERKKSSGNARSYVPWVFGNSRKHYGRSVTDADGTGQTIIVWYSATAKQFAESY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALECYLE\*\*ISK\*YLG\*HDLDAVGKRN\*QLHRHNI\*FT\*RIAEPARKE\*TRIIGIG\*VVKFVDLV\*LITLAVVYKIIHNDSRRLNRIKNSFCCAFYSK\*S\*AGILTIVVPDPPPSSEGTRQARRNRRRRWRERQRQIRTI

>B.2016.MG572002.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRPHQDSQIHQVPLSKQ\*VVNVMQPLHIAAIVSLVVATIIAIIVWTIVLIEYRRILRQRKIDKLIDRIAERAEDSGNESEGDQEELSALVDMGHHAPWDVEDL\*YYRTTVGHSLLWSTSVERSKNHFILCIRC\*SI\*HRGS\*CLGHTCLCTHRPQSTRNSIGKCDRKF\*HGKK\*HGRSDA\*GYNQLMGPKPKAMCKINPTLCYFKLH\*AE\*\*YYS\*CYF\*QY\*RYCRGRIKERNDKLLFQYHHKNRK\*DTERICTFL\*I\*CSTNR\*\*YKQWYK\*\*CTLYVYVDNL\*HLNPYTSLSKDIL\*TNSHTLLCPSWICDSKV\*\*\*EVQWNRSMYKCQHSTMYTWN\*ASSVNPLAVKWQSIRRRSST\*I\*KLHRQC\*NHNSTTE\*NCGNYLYKTQ\*QYKKKYTSRMGESILCNRTNNRRYKKSTLYP\*\*NKLGEHSRKGS\*KVIHTIQ\*YKNNLYTTRRRGPRNCNAHF\*LWRRIFLL\*FITAV\*YNLDKWHYRK\*N\*\*K\*HTYHTPMQNKTNYKQMAGSRNSNICPSH\*RHD\*MFIKYYGGAINKRWWL\*\*Q\*HAPERDLQTWRGKYEGQLEK\*II\*I\*SSKS\*AIRTSTHQGKEKSGAKRKKSGNIRSYVPWVLGSSRKHYGRSVNDADGTGQTIVVWYSATAEQSAESY\*GATAYVATHSLGHKAAPGKSPGSGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*KYDSDLE\*HDMDAVGKRN\*QLHRSNIQST\*RIAKPTRKE\*TRIISIGQVGKFVELVRYIKLAEVYTNIHNDSRRLNRIKNSFCCTFYSE\*S\*AGILTIVIPDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.2016.MG572006.-

MEPVDPRLEPWKHPGSQPKTPCTKCYCKKCSFHCQVCFITKGLGISYGRKKRRQRRTAPRSSPPHQDPLSEQ\*VIHVMQPLQIVAIVALVVVGIIAIVVWTIVFIEYRKIKRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVLEMGHDAPWNVDDL\*C\*RR\*VGHSLLWGTCVERSNHHSILCIRC\*SI\*NRGT\*CLGHTCLCSHRP\*PTRSGIGKCDRKF\*HVEK\*HGRTDA\*GYN\*FMGSKLKAMCDTNPTLCYSRVHQCYSRVHQC\*LL\*\*LQ\*WSNLL\*\*HQCYCREGGNKKLLFQYHHRHRTKGTEGLCTI\*\*IGCNTNR\*YSK\*YSK\*YKVYVDKL\*HLSHYTGLPKDNL\*TNSNTLLCPGWFCDSKV\*Q\*DVQWNRTM\*KCQHSTMYTWN\*ASSVNSTAAKW\*PSRRRHNN\*I\*KFHRQC\*DHNSTAK\*DCRN\*LYKTQQQYKQKYTSGTWENILCNRKHNRRYKKSIL\*H\*YNTMEQHFKTDSCKIKRAI\*CYNNQL\*FIFRRGPRNYNAQL\*LCRRIFLL\*YNTAV\*\*YLG\*\*YLEWY\*RKWK\*HYHTSM\*NKTNYKQMAGSRKSNI\*PSSQRNN\*LCIKYYRAAINKRWW\*HKHNQ\*V\*NLQTWRRKYEGQLEK\*II\*I\*SSKNRTNRNSTHRGKEKSGAERKKSTAAGSYVPWVLGSSREHYGRSVNDADGTDQTIIVWYSATAEQSAEGY\*GATTYVATHSLGHQAAPGKSPGCGKLPKGSTAPRDLGLLWKTHLHH\*CALEW\*LE\*\*ISEHNLAEHDLDAVGKRN\*KLYRLNIQLA\*DIAKPTRKE\*TRFIGIG\*VGKFMELV\*HIKMAVVYKNIHNDSRRFSRFKNNFYCTFYSE\*S\*AGILTIIVSDPLPSSKGTRQARRNRKRRWRERQRQIQSI

>B.2016.MG572010.-

MEPVDPRLEPWKHPGSQPKTACTKCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRDPQDRPSHQVPLSKQ\*VVHVMSPIQIAAIVALVVAAILAIVVWTIVFIEYRKIRRQRKIDSILDRIIERAEDSGNESEGDQEELSALVGMGHLAPWDVNDL\*C\*RRRHVGHSLLWGTCVERSNHHSILCFRC\*SI\*HRGT\*CLGHTCLCTHRP\*PTRSRIGKCNRKF\*HVEK\*HGRPDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*CKYHWYH\*YYH\*QWYH\*CYL\*Q\*Y\*KHARRNKKLLFLYHKPGKAEDRICTF\*\*T\*YSTNR\*K\*X\*X\*\*YRIYVDKL\*YLSHYTGLSKSIL\*TNSHTLLCPGWFCDSQV\*\*\*GVQWNRTM\*KCQHSTMYTWD\*ASSVNSTAVKWQFSRRRGGNN\*V\*KYHKQC\*NHNSTAERNCTN\*LHKTWQQH\*KKCTYRARGNILCNRRHNRRYKTSTL\*P\*WSRLVQSFRADSYKITRTIWE\*NNNI\*SILRRGPRNCKAQF\*LWRGIFLL\*YNTAIQ\*YLE\*\*YGT\*C\*GRV\*YHYHTSMQNKTNYKQVAGSRKSNVCPSHQRKR\*LFIKYYRNIINKRWWH\*\*HQX\*NLQTWRRRYER\*LEK\*II\*I\*SSKN\*TIRNSTHQGKEESGAERKKSSGNRSCAHWVLGSSRKHYGRSGSNADGTGQTTIVWYSATAKQFAESY\*GATAYVATHSLGH\*AAPGKSPGCGKIPKRSTAPRNLGLLWKNHLHHCCALE\*\*LE\*\*IS\*\*HLV\*HDLDGMGERN\*QLYRLNIQFT\*DIANPTRKE\*TRIIRIG\*VGKFVDLV\*HNKLAVVYKNIHNDSRRLSRFKNSFYCTFCSE\*S\*AGILTFIIPDPLPSREGTRQARRNRRRRWRERQRQIQSL

>B.2013.MG888663.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMQPLGIVAIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLLDRISERAEDSGNESDGDQEELSAPVEMGHHAPWDIDDL\*CCRSIVGHSLLWGTCVERSNHHSILCIRC\*SI\*CRGT\*CLGHTCMCTHRPQPTRNTIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LE\*PY\*YQY\*\*RGEERYCYQ\*\*\*RGNVRGRRSKKLLFQYHHKSKR\*GTERICTLL\*T\*CSTNR\*\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*R\*EVQWKRIM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSNKI\*EFHGQC\*NHNSTAERICRN\*LYKTQQQYKKKDNYGTRESTLYNRANNRRYKTSTL\*S\*QCKME\*HFKTDSYKIKRTL\*E\*NNSL\*GSLRRGPRNCNA\*F\*LCRGIFLL\*YNKTV\*LE\*Y\*RVKEY\*KVK\*HRNDHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MLIKYYRATINKRWWE\*QQHEREYRDPQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKESSGAKRKKSSGNRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQLAESYRGATASVAAHSLGHQAAPGKNPSCGKIPTGSTAPGDLGLLWKTHLHHYCALEHQLE\*\*KSEPNLGQHDLDGVG\*RN\*QLHKSNILLN\*RIANPTRKE\*TGLVEVGSMGRLVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSL

>B.2013.MG888664.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMQPLGIVAIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLLDRISERAEDSGNESDGDQEELSALVEMGHHAPWDIDDL\*CCRSIVGHSLLWGTCVERSNHHSILCIRC\*SI\*CRGT\*CLGHTCMCTHRPQPTRNTIGKCDRRF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LE\*PY\*YQY\*\*RGEERYCYQ\*\*\*RGNVRGRRSKKLLFQYHHKSKR\*GTERICTLL\*T\*CSTNR\*\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*R\*EVQWKRIM\*KCQHSTMYTWN\*ASSINSTAVKWRRRGSNKI\*EFHGQC\*NHNSTAERICRN\*LYKTQQQYKKKDNYGTRESTLYNRANNRRYKTSTL\*S\*QCKME\*HFKTDSYKIKRTL\*E\*NNSL\*GSLRRGPRNCNA\*F\*LCRGIFLL\*YNKTV\*LE\*Y\*RVKEY\*KVK\*HRNDHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MLIKYYRATINKRWWE\*QQHEREYRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKESSGAKRKKSSGNRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAEQLAESYRGATASVAAHSLGHQAAPGKNPSCGKIPTGSTAPGDLGLLWKTHLHHYCALEHQLE\*\*KSEPNLGQHDLDGVG\*RN\*QLHKSNILLN\*RIANPTRKE\*TGLVEVGSMGRLVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSL

>B.2013.MG888665.-

MEPVDPRLEPWKHPGSQPKTACTPCYCKKCCFHCQVCFIQKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMQSLGIVAIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLLDRISERAEDSGNESDGDQEELSALVEMGHHAPWDIDDL\*CCRSIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRNTIGKCDRKV\*HVEK\*HGRADA\*GYNQFMGSKSKAMCKINPTLCYFKLH\*LE\*LY\*YQY\*\*RGEERYCYQ\*\*\*CGNVRGRRSKKLLFQYHHKSKR\*GTERICTFL\*T\*CSTNR\*\*\*\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*R\*EVQWIRNI\*KCQHSTMYTWN\*ASSINSTAVKWQSSRGRGSTKI\*EFHEQC\*NHNSTVERICRN\*LYKTQQQYKKKDNYGTRESMVYNRANNRRYKTSTL\*C\*QCKME\*HFAKDS\*KIKKTIWE\*YNNSL\*GILRRGPRNCTAQF\*LWRGIFLL\*YNKTV\*\*YMVYK\*Y\*RVK\*GWRHDHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MLIKYHRATINKRWWYRQQHEQYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKESSGAKRKKSSGNRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*LAESYRGATASVAAHSLGHQAAPGKNPSCGKIPTGSTAPGDLGLLWKTHLHHYCALEH\*LE\*\*KSEPNLGQHDLDGVG\*RN\*QLHKSNILLN\*RIANPTRKE\*TGLVEVGSMGRLVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSL

>B.2013.MG888666.-

MEPVDPRLEPWKHPGSQPRTACTPCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPQDSQSHQVSLSKQ\*VVHVMQPLGIVAIVALVVAIILAIVVWSIVFIEYRKILRQRKIDRLLDRISERAEDSGNESDGDQEELSALVEMGHHAPWDIDDL\*CCRSIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRITIGKCDRKF\*HVEK\*HGRTNA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*LE\*LY\*YQY\*\*RGEERYCYQ\*\*\*RGNARGRRSKKLLFQ\*HYKPKR\*GAEGICTFL\*T\*FSTNR\*\*YQV\*VDKL\*HLSHYTGLSKGIL\*ANSHTFLCPGWFCDSKV\*R\*EVQWIRNM\*KCQHSTMYTWN\*ASSINSTAVKWQSSRGRGSTKI\*EFHEQC\*NHNSTVERICRN\*LYKTQQQYKKKDNYGTRESILYNRANNRRYKTSTL\*S\*\*YKME\*HFAKDS\*KIKRKIWE\*YNNNL\*GTLRRGPRNCNAQF\*LWRGIFLL\*YNTTV\*\*YLEERWY\*NVR\*Q\*HDHTPMQNKTNCKHVAGSRKSNVCPSHQRTN\*MLIKYHRATINKRWWYRQQHEQYRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKESSGAKRKKSSGNRSFVPWVLGSSRKHYGRSVTDADGTGQTIIVWYSATAE\*LAESYRGATASVAAHSLGHQAAPGKNPSCGKIPTGSTAPGDLGLLWKTHLHHYCALEH\*LE\*\*KSEPNLGQHDLDGVG\*RN\*QLHKSNILLN\*RIANPTRKE\*TGLVEVGSMGRLVELV\*HNEMAVVYKNIHNDSRRLGRFKNSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSL

>B.1983.NC\_001802.AIDS

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRAHQNSQTHQASLSKQ\*VVHVMQPIPIVAIVALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALVEMGVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RENDNGERRDKKLLFQYQHKHKR\*GAERICIFL\*T\*YNTNR\*\*YYQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHGQC\*NHNSTAEHICRN\*LYKTQQQYKKKNPYPERTRESICYNRKNRKYETSTL\*H\*\*SKME\*HFKTDS\*QIKRTIWK\*\*NNNL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHPPMQNKTNYKHVAESRKSNVCPSHQWTN\*MFIKYYRAAINKRWW\*\*QQ\*VRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSLNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLESHDLDGVGQRN\*QLHKLNTLLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.1992.U04908.asymptomatic

MEPVDPRLEPWKHPGSQPKTACTKCFCKKCCFHCQVCFMTKGLGISYGRKKRRQRRRTDQDSQTHQVSLSKQ\*VVHVMQSLQILAIVAFVVALIIAIVVWTIVFIEYRKILRQRK\*IG\*LIG\*EKEQKTVAMTVKEIRKNYQHLWIWGTMLLGMLMICSAEENLWVTVYYGVPVWKEADTTLFCASDAKAYGTEVHNVWATHACVPTDPNPQEMVLGNVTENFNIWKNNMVEQMHEDIISLWDQSLKPCVKLTPLCVTLNCTNYVKIDTNATVYNWEKMEEGEIKNCSFNVTTAIRDKVQKEYALFYKLDVVPIEENGNTSYRLINCNTSIITQACPKVTFEPIPIHYCAPAGFAILKCNNKTFNGKGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEKEVILRSENFTNNAKTIIVQLNETIKINCTRPNNNTRKGIHIGPGRAFYTTGEVIGNIRQAHCNISSTDWGKTLEKVVEKLRKQFGSNKTIVFNHSSGGDPEIVMHSFNCGGEFFYCNTTQLFNSTWYRNGTWYWNGTRIENGTEGLNDTIITLPCRIKQIINMWQEVGKAMYAPPIKGQISCSSNITGLLLTRDGGNTNKTGTENETEIFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTRAKRRVVQREKRAVGIGAMLFGFLGAAGSTMGAASITLTVQARQLLSGIVQQQSNLLRAIEAQQHLLQLTVWGIKQLQARVLAVERYLKDQQLLGIRGCSGKLICTTAVPWNVSWSNNKSLDYIWNNMTWMQWEKEIDNYTSLIYTLIEESQNQQEKNELDLLELDKWASLWNWFSITNWLWYIKIFIMIVGGLIGLRIVFTVLSIVNRVRQGYSPLSFQTLLPAQRGPDRPEGTEEEGGERDRDRSRQL

>B.1985.U12030.-

MEPVDPRLEPWKHPGSQPKLLVPIAIVKSVAFIAKFVS\*QKP\*ASPMAGRSGDSDEDLLKAVRLIKFLYQSSK\*YM\*YNLYK\*Q\*\*H\*\*\*Q\*\*\*Q\*LCGP\*\*S\*NIGKY\*DKEK\*TG\*LID\*\*KEQKTVAMRVKEKYQHLWRWGWRWGTMLLGMLMICSATEKLWVTVYYGVPVWKEATTTLFCASDAKAYDTEVHNVWATHACVPTDPNPQEVVLVNVTENFNMWKNDMVEQMHEDIISLWDQSLKPCVKLTPLCVSLKCTDLKNDTNTNSSSGRMIMEKGEIKNCSFNISTSIRGKVQKEYAFFYKLDIIPIDNDTTSYTLTSCNTSVITQACPKVSFEPIPIHYCAPAGFAILKCNNKTFNGTGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEEVVIRSANFTDNAKTIIVQLNQSIEINCTRPNNNTRKRIRIQRGPGRAFVTIGKIGNMRQAHCNISRAKWNNTLKQIASKLREQFGNNKTIIFKQSSGGDPEIVTHSFNCGGEFFYCNSTQLFNSTWFNSTWSTEGSNNTEGSDTITLPCRIKQIINMWQEVGKAMYAPPISGQIRCSSNITGLLLTRDGGNNNNGSEIFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAVGIGALFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKQLQARILAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNKSLEQIWNHTTWMEWDREINNYTSLIHSLIEESQNQQEKNEQELLELDKWASLWNWFNITNWLWYIKIFIMIVGGLVGLRIVFAVLSIVNRVRQGYSPLSFQTHLPTPGGPDRPEGIEEEGGERDRDRSIRL

>B.1985.U12031.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRPPQGSQTHQVSLSKQ\*VVHVMQPIQIAIVALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALVEMGVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RENDNGERRDKKLLFQYQHKHKR\*GAERICIFL\*T\*YNTNR\*\*YYQLYVDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTTVKWQSSRRRGSN\*ICQFHRQC\*NHNSTAEPIYRN\*LYKTQQQYKKKNPYPERTRESICYNRKNRKYETSTL\*H\*\*SKME\*HFKTDS\*QIKRTIWK\*\*NNNL\*AVLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*QQWVRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLESHDLDGVGQRN\*QLHKLNTLLN\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPNPGGTRQARRNRRRRWRERQRQIHSI

>B.1988.U12032.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRPPQSSQTHQVSLSKQ\*VVHVMQPIQIAIVALVVAIIIAIVV\*SIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALAEMGVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RGNDNGERRDKKLLFQYQHKHKR\*GAERICIFL\*T\*YNTNR\*\*YYQLYVDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHRQC\*NHNSTAEPICRN\*LYKTQQQYRKKNPYPERTRENICYNRKNRKYETSTL\*H\*\*SKME\*HFKTDS\*QIKRTIWK\*\*NNNL\*AVLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YWVK\*H\*RK\*HNHTPMQNKTNYKHVAGSGKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*QQWVRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSMGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLESHDLDGVGQRN\*QLHKLNTLLN\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVCKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPNPGGTRQARRNRRRRWRERQRQIHSI

>B.1988.U12033.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRPPQSSQTHQVSLSKQ\*VVHVMQPIQIAIVALVVAIIIAIVV\*SIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALAEMGVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RGNDNGERRDKKLLFQYQHKHKR\*GAERICIFFINLI\*YQ\*IMILPAIR\*QVVTPQSLHRPVQRYPLSQFPYIIVPRLVLRF\*NVIIRRSMEQDHVQMSAQYNVHMELGQ\*YQLNCC\*MAV\*QKKR\*\*LDLPISQTMLKP\*\*YS\*TNL\*KLIVQNPTTIQEKESVSREDQGEHLLQ\*EK\*EI\*DKHIVTLVEQNGITL\*NR\*LAN\*ENNMEIIKQ\*SLSSPQEGT\*KL\*RTVLIVEGNFSTVIQHNCLIVLGLIVLGQITLKEVTQSHSHAE\*NKL\*TCGRKWEKQCMPLPSADKLDVHQILQGCY\*QEMVVITTMGPRSSDLEEEI\*GTIGEVNYINIK\*\*KLNH\*E\*HPPRQREEWCREKKEQWE\*ELCSLGSWEQQEALWAHGQ\*R\*RYRPDNYCLV\*CSSRTIC\*GLLRRNSICCNSQYGASSSSRQESWLWKDT\*RINSSWGFGVALENSFAPLLCLGMLVGVINLWNGFGITRPGWSGTEKLTITQA\*YTP\*LKNRKTNKKRMNKNYWN\*INGQVCGIGLT\*QIGCGM\*KYS\*\*\*\*EAW\*V\*E\*FLLYFL\*\*IELGRDIHHYRFRPTSQPRGDPTGPKE\*KKKVERETETDPFD\*

>B.1987.U12034.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRPPQSSQTHQVSLSKQ\*VVHVMQPIQIAIVALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALAEMGVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RGNDNGERRDKKLLFQYQHKHKR\*GAERICIFL\*T\*YNTNR\*\*YYQLYVDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ATSINSTAVKWQSSRRRGSN\*ICQFHRQC\*NHNSTAEPICRN\*LYKTQQQYRKKNPYPERTRENICYNRKNRKYETSTL\*H\*\*SKME\*HFKTDS\*QIKRTIWK\*\*NNNL\*AVLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*QQWVRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSMGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLESHDLEGVGQRN\*QLHKLNTLLN\*RIAKPTRKE\*TRIIRIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPKPGGTRQARRNRRRRWRERQRQIHSI

>B.1987.U12035.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRPPQSSQTHQVSLSKQ\*VVHVMQPIQIAIVALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALAEMGVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RGNDNGERRDKKLLFQYQHKHKR\*GAERICIFL\*T\*YNTNR\*\*YYQLYVDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHRQC\*NHNSTAEPICRN\*LYKTQQQYRKKNPYPERTRENICYNRKNRKYETSTL\*H\*\*SKME\*HFKTDS\*QIKRTIWK\*\*NNNL\*AVLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*QQWVRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSMGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLESHDLEGVGQRN\*QLHKLNTLLN\*RIAKPTRKE\*TRIIRIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPKPGGTRQARRNRRRRWRERQRQIHSI

>B.1985.U12055.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRPPQSSQTHQVSLSKQ\*VVHVMQPIQIAIVALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALAEMGVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*YGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RGNDNGERRDKKLLFQYQHKHKR\*GAERICIFL\*T\*YNTNR\*\*YYQLYVDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQSHRQC\*NHNSTAEPICRN\*LYKTQQQYKKKNPYPERTRENICYNRKNRKYETSTL\*H\*\*SKME\*HFKTDS\*QIKRTIWK\*\*NNNL\*AVLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*QQWVRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSMGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLESHDLDGVGQRN\*QLHKLNTLLN\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*S\*AGTFTIIVSDPPPNPGGTRQARRNRRRRWRERQRQIHSI

>B.1990.U21135.acute\_infection

MEPVDHRLEPWKHPGSQPKTACTNCYCKRCCFHCQVCFMTKGLGISYGRKKRRQRRRSPQNSQTHQDSLSKQ\*VVHVMQSLQILAIVALVVAGIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRDRAEDSGNESEGDQEELSALVEMGHHAPWDIDDL\*CCRKLVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*RYN\*FMGSKPKTMCKINPTLCYFKLH\*CECD\*FEE\*D\*YQ\*\*\*WRGKDGGGRNEKLLFQCHHTHKK\*EKD\*ICTFL\*T\*CNANRS\*\*YKLYVDKL\*ILNHYTGLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*EVQWKGTL\*KCQHSTMYTRN\*TSSVNPIAVKWQSSRRRHSN\*I\*KFHGQC\*KHNSTAECIHRN\*LYKTQQQYKKKNNFRTRESTLYNRRNNRRYKTSTL\*P\*\*NKLE\*HFKTDS\*KIKRNKTI\*E\*NNSF\*TILRRGPRNCNAQF\*LWRGIFLL\*FNTAV\*\*YLAC\*WYLEEY\*RGR\*QYHTPMQNKTNYKQVAGSRKSNVCPTHRRTN\*MFIKYYRVTINKRWW\*\*\*REPDRDLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQSAEGY\*GATASVRTHSLGHQTAPGKSPGCGKIPKGSAAPGDLGLLWKTHLHHYCALEC\*LE\*\*ISGLHLE\*HDLDGVGERN\*QLHRLNIQLN\*RIAEPTRKK\*ARIIGIG\*MGKFVDLV\*HIKLAVVYKNLHNDSRRLDRFKNSFYCTFHSK\*S\*AGILTIVISDPPPSPEGTRQARRNRRRRWRERQRQIRKI

>B.-.U23487.-

MEPVDPRLEPWNHPGSQPKTACTKCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRAPPDSQTRQVSLSKQ\*VEHVIVSLQIVAIVALVVVTIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSELVEMGHLVPWDVDDL\*C\*RKIVGHSLLWGTCVERSNYHSILCIRCQSTWDRGT\*CLGHTRLCTHRPQPTRNSIGKCDRIF\*HVEK\*HGRTDAGGCNQFMGSKPKTMCKINPTLCYFRLH\*LCRECY\*YH\*H\*\*YR\*WKLGSDERGNKKLLFQYHYKHKR\*GA\*RICTFL\*T\*CSTNRKEEY\*L\*IDKL\*HLNHYTGLSKGIL\*ANSHTLLYPGWFCDSKV\*Q\*EV\*WKRTMYKCQHNTMYTWN\*ASSVNSTAAKWQSSRRRGGT\*I\*QFHRQC\*NHNSTSE\*ICRN\*LYKAQQQFKKKYIHRTREKISCNKSRNRRYKTSTL\*H\*\*SKMGENSKTDS\*KIKRKIWKQNNNL\*SILRRGPRNCNS\*F\*LWRGIFLL\*FNTIV\*\*YLEYWE\*Y\*RVK\*HK\*YWKYHTPMQNKTNIKFVAGSRKSNVCPSHQRTN\*LFIKYYRAIINKRWW\*Y\*YYWEHHRDLQTWRRKYEGQLEK\*II\*I\*SSKS\*TIRNSTHQGKEKSGAERKKSSGNARSYVPWVLGSSRKHYGRTVNNADGTGQTIIVWYSATAEQSAEGY\*GATASVATHSLGHQAAPGKSPSCGKIPTGSTAPRDLGLLWKTHLHHCCALEF\*LE\*\*ISGTDLG\*HDLDAVGKRN\*QLHRLNIHLNSRITESTRKE\*TRIIGIG\*VGKFVELV\*HNKLAVVY\*NIHNDSRRLSRFKNSFCCTFFSE\*S\*AGISTIIISDPPPSPEGTRQARRNRRRRWRGRQRQIQSL

>B.1988.U26546.-

MDPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKGLGISYGRKKRRQRRRAPPEGLTHQVPLSKQ\*VVYVMPLYILAVVALVLAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHHAPWDVDDL\*CYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRST\*CLGHTCLCTHRPQPTRSKIGKCDRGF\*HVEK\*HGRTDA\*GYNQXMGSKSKAMCKTNPTLCYFKLH\*CVECY\*YQ\*EYYYHQ\*\*\*\*ETNGERRNEKLLFQYHHKHKR\*GAERTCTFL\*T\*CSTNR\*E\*Y\*YQL\*VDTL\*HLNHYTSLSKGIL\*ANSHTLLYPSWFCNSKV\*R\*EVQWNRTM\*KCQHSTMYTWN\*ASSVNSITVKWQSSRRRGSN\*ICKFHEQC\*NHNSTAEGVCRN\*LYKTRQQDKKKDTYRTRESILYR\*SRRHKASIL\*H\*WHKMEEYFRKDSCQNKRN\*TI\*E\*NNSL\*SLLRRGSGNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*Y\*RK\*YLVR\*NYQTPMQNKTNYKHVAGSRKGNVCPSHRWTN\*MFIKYYRAAINKRWWE\*QRDHRDLQTWRRRYEGQLEKXIIQI\*SSKX\*TIRSSTHQGXEKSGXXRKKXSGSNRSYVPWVLGSSRKHYGRSVNNADGTSQTIIVWYSAAAKQFAESY\*GATTYVAAHSLGHQAAPGKSSGCGKIPKGSTAPRDLGLLGKTHLHHCCALECYLE\*\*ISG\*DLAEHDLDGVGKRN\*QLHRINIQLT\*TIAEPARKE\*AGIIRIR\*VGKFVELV\*HNTMAVVYKNIHXDSRRLNRFKNSFCCAFYSX\*S\*AGXLTIIISDPPPSSEGTRQARRNRRRRW\*ERQRQIQSL

>B.1985.U26942.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFMTKALGISYGRKKRRQRRRAHQNSQTHQASLSKQ\*VVHVMQPIIVAIVALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEVSALVEMGVEMGHHAPWDIDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVER\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RENDNGERRDKKLLFQYQHKHKR\*GAERICILL\*T\*YSTNR\*YQL\*VDKL\*HLSHYTGLSKGIL\*ANPHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWNQASSINSTAVKWQSSRRRCSN\*ICQFHRQC\*NHNSTAEHICRN\*LYKTQQQYKKKYPYPEGTRESICYNRKNRKYETSTL\*H\*\*SKMECHFKTDS\*QIKRTIWK\*\*NNNL\*AILRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHTPMQNKTIYKHVAGSRKSNVCPSHQWTN\*MFIKYYWAAINKRWW\*\*QQWVRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIV\*YSAAAEQFAEGY\*GATASVATHSLGHQTAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLE\*HDLDGVGQRN\*QLHKLNTLLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFYSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.1986.U34603.symptomatic

MEPVDPKLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVHVMQSLQILAIVALVVGIIIAIVVWTIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRIF\*HVEK\*HGRPDA\*GYNQFMGSKLEAMCKINPTLCYFRLR\*CEYH\*\*YYYH\*\*WLDRRNKERRNKKLLF\*YHHKHKR\*GSKRICTFL\*P\*CSTNR\*W\*CYYQK\*NY\*KL\*VDTL\*LLSHYTGLSKGII\*TNSHTLLCPGWFYDSEV\*Q\*DV\*WKRTMYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*QFHGQY\*NHNSTAE\*ICSN\*LYKTQQQYKKRYTYRTRESLLCSKKNNRRYKTSTL\*P\*\*STME\*HFKTDSYKIKRTLWE\*NNKI\*SILRRGPRNCKA\*F\*LWRGIFLL\*YNTTV\*\*YLEWY\*RK\*H\*RK\*HNHTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWW\*GREQDWD\*DLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSVVPWVLGSSRKHYGRTVNNADGTGQTIIVWYSATAKQFAEGY\*GATASVATHSLGHQAAPGKSPGYGKIPKGSTAPGDLGLLWKTHLHHCCALEY\*LE\*\*ISG\*DLG\*HDLDAVGKRN\*QLHKHNIRLNCRITEPAGKE\*TRIVGIG\*MGKFVELV\*HNKLAVVYKNIHNNSRRLGRFKNSFCCTFYSK\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.1986.U34604.-

MEPVDPKLEPWKHPGSQPKTACNNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRSPQDSETHQVSLSKQ\*VVHVMQPLVVAAIVALVVVAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIAERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNYHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*FWECY\*YH\*\*\*RGYNRERRNKKLLFQDQHKHER\*GADRICTFL\*T\*CSTNR\*\*\*Y\*YQLYQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTFLYPCWFCASKM\*\*\*EVQWNRTM\*KCQHRTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFLEQC\*NHNSTAE\*ICSN\*LYKTQQQYKKRYTYRTRESILCNRTNNRRYKTSTL\*P\*\*SKME\*HFKTDS\*QIKKTIWE\*NNSL\*STLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*YWECY\*KVK\*Q\*KYHTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWW\*GREQDWD\*DLQTWRRRYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSVVPWVLGSSRKHYGRSVNNADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGQRS\*QLHKLDIHLN\*RIAKPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNNFCCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRSI

>B.1989.U39362.AIDS

MEPVNPSLEPWKHPGSQPKTACTNCYCKKCCFHCQACFITKGLGISYGRKKRRQRRRPPQDSQTHQVSLSKQ\*VVHVMLSLQILAIVALVVAAIIAIVVWSIVFIEYRKILRQRKIDRLIDRIREREEDSGNESEGDQEELAALERGHLAPWDVDDL\*CCKRKNVGHNLLWGTCVERSNHHSILCIRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRSDA\*GYNQFMG\*KPKAMCKINPTLCYFKLH\*FEYH\*EYY\*SH\*\*QLGNDGERRNKKLLFLYHHKHKK\*GKERICTF\*\*T\*CSTNRKY\*\*Y\*V\*VNKL\*HLSHYTGLSKGILSANSHTLLCPGWVCDAKV\*Q\*DIQWIRTMHKCQHSTMYTWN\*ASGVNSTAVKWQSSRRRHSN\*I\*KFHRQC\*NHNSTAK\*ICSN\*LYKTQQQYKKKVIYRTRESILCKKKHNRRYKTSTL\*H\*\*SKME\*HFTTDSYKIKRKI\*E\*NNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*YSTTV\*\*YLECYWRDKWH\*RK\*HNHTPMQNKTNYKYVAESRKSNVCPSHHRTN\*MFIKYYRAATNKRWR\*\*Y\*D\*D\*DLQTWRRRYEGQLEK\*II\*I\*SSKN\*TNRSSTHQGKEKNSAKRKKSSGNRSCVPWVLGSSRKHYGRTVSDADGTGQAIIVWYSAAAEQSAEGY\*GATAYVATHSLGHQAAPGKSPGSGKIPKGSTAHGNLGLLWKTHLHHFCALEC\*LE\*\*ICG\*YLE\*HDLDGVGKRN\*QLHRLYI\*LT\*KIANPTRKE\*KRIIGIG\*MGKFVELV\*HNKLAVVYKIIHNDSRRLDRFKNSFCCTFYSK\*S\*AGIFTIIVSDPPPSLEGTRQARRNRRRRWRERQRQIRSI

>B.1986.U43096.-

MEPVDPRLEPWEHPGSQPKTACTNCYCKKCCFHCQVCFTKKGLGISYGRKKRRQRRRAPEDSQTHQVSLSKQ\*VVHVMQSLQVAAIVALVVVAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIIERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCMERSNHHFILCIRR\*SI\*QRGT\*CLGHTCLCTHRPRPTRSSIGKCDRRF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*SEECY\*YQ\*\*\*LDDDRRNERRNKKLLFQYHHKHKR\*GAERICTLL\*T\*CSTNR\*\*QY\*L\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLYPGWFCDAKV\*R\*EVQWKRTM\*KRQHSTMYTWN\*ASSVNSTAAKWQSSRRRGSN\*I\*QFHGQC\*NHNSTAEGICRN\*LYKTQQLYKQKDTYRSKESILYKRKNNRRYKTSTL\*H\*WSKMG\*HFKTDS\*KIKRTIWEQNNSL\*SILRRGPRNCNAQF\*LWRGIFLL\*FSTTV\*\*YLE\*Y\*RVK\*HKWNYHTPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWW\*K\*GQRDRDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGTAGSCVPWVLGSSRKHYGRTVNGADGTGQTVIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTYLHHCCALEC\*LE\*\*IYGYDLE\*HDLDGVGKRN\*QLHKLNIHLN\*RIAEPARKE\*TRIIGIE\*VGKFVELV\*HIKLAVVYKNIHNDSRRLGRFKNSFCCTFYSE\*C\*AGILTIIISDPPPSPEGTRQARRNRRRRWRQRQRQIQSI

>B.1986.U43141.symptomatic

MEPVDPRLEPWKHPGSQPRTPCTNCYCKKCCLHCQVCFTRKGLSISYGRKKRRQRRRAPQDSQTHQVSLPKQ\*VVHVMLSLQIAAIVALVVAAIIVIVVWTIVVIEYRKLLRQRKINRLIDRLTERAEDSGNESEGDQEELSALVERGHLAPWDVNDQ\*CCRKLVGHSLLWGTCVERSNYHSILCIRC\*SL\*YRGT\*CLGHTCLCTHRPQPTRSSNGKCDRKF\*HVEK\*HGRTDAGRYNQFMGSKPKAMCKINPTLCYFKMH\*L\*\*CH\*Q\*LGKDGERRNTKLLFQGHHKHKR\*GTERICTFL\*N\*CSTNR\*\*\*D\*\*\*G\*YYQLYVDTL\*\*ICHYTSLSKGIL\*ANSHTLLCPSWFCDFKV\*\*\*KVQWKRTM\*KCQHSTVYTWN\*ASSVNSTAVKW\*SSRKRSSN\*I\*QFHR\*Y\*NHNSTSERICRN\*LYKTQQQYKKRYTYRTRESSLYDRKNSRRYKTSTL\*H\*\*SKME\*NSKPNI\*KIKRN\*TI\*K\*NNSL\*SILRRRPRNCNAQL\*LWRGIFLL\*FNKTV\*\*YLE\*Y\*YLE\*\*WK\*HYHTAM\*NKTNYKHVAGSRKSNVCPSHWRTN\*MFIKYYRADINKRWW\*\*\*Q\*YHRDLQTWRGKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSGGNARSYVPWVLGSSRKHYGRTVTDADGTGQTIIVWYSATAKQFAESY\*GATTSVATHSLGHQTAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHYCALEC\*LE\*\*NPGSDLE\*HDLDGVGKRN\*QLHKLNIYLN\*TIAKPTRKE\*TRIIGIG\*VGKFVELV\*HIKLAVVYKNIHNDSRRLDRFKNSFCCAFYSE\*S\*AGILTIVVSDPPPSNEGTPTARRNRRRRWRERQRQIRSI

>B.-.U45960.-

MEPVDPSLEPWKHPGSQPKTACTNCYCKKCCLHCQVCFTTKGLGISYGRKKRRQRRRPPQDSQTHQVSLPKQ\*VVHVIQPLQILAIVALVVAGIIAIIVWSIVLIEYRKILRQRKIDRLIDKIRERAEDSGNESEGDQEELSALVERGHLAPWDINDL\*CCRKVVGHSLLWGTCVERNNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCNRRF\*HVEK\*HGRTDAGGCNQFMGSKLKAMCKINPTLCYFKLQRCECY\*YH\*\*\*\*GNDGERRNKKLLFQYHQKHKK\*GAERICSFL\*TGCSTNR\*\*E\*YQI\*VNKL\*HLSHYTSLSKGIL\*TNSHTLLCPGWFCDSKV\*\*\*DIQWKRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRKGCN\*I\*QFYGQC\*NHNSTAE\*ICKN\*LYKAQQQYKKKYTYRTRESILYNRKNNRRYKTSTL\*H\*\*STME\*HFKTDS\*KIKRTI\*\*\*NNSLYSLLRRGSRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLE\*Y\*KVKWH\*RI\*HHHTPMQNKTNYKHVAGSGKSNVCSSH\*RTN\*MFIKYYRAAINKRWW\*K\*E\*DRDLQTWRRRHEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSFVPWVLGSSRKHYGRSVNDTDGTGQTIIVWYSATAKQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAHGDLGLLWKTHLHHCCALEY\*LE\*\*ISG\*YLE\*HDLDGVGKRN\*ELHKHNIHPN\*RIADPTRKE\*TRIIGIR\*MGKFVELVWHNKMAVVYKNIHNDSRRLDRFKNSFFCTFYSE\*S\*AGILTLIVSDPPPSNEGTRQARRNRRRRWRERQRQIRTI

>B.1986.U63632.deceased

MEPVDPSLEPWKHPGSQPKTACTTCYCKKCCLHCQVCFITKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVHVMQSLYILAIVALVVAIIIAIVVWSIVLIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSVLVERGHLAPWDINDL\*CCRKVVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCNRTF\*HVEK\*HGRTDAGGYNQFMGSKPKAMCKINPTLCYFKLQGCECY\*YH\*\*\*RGNDGERRNKKLLFQYHHKHKR\*GAERICSFL\*T\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTGLSKDIL\*ANSHTLLCPGWFCDSKV\*\*\*DVQWKRTM\*KCQHSTMYTWN\*ASSINSTAAKWQSSRRRGSN\*I\*QFHEQC\*NHNSTAERICRN\*LYKTQQQYKKKYTYRTRESILYYRRNNRRYKTSTL\*H\*\*SKME\*HFKTDSYKIKRTI\*E\*NNSL\*SLLRRGPRNCNAQF\*LWRRIFLL\*FNTTV\*\*YLE\*\*Y\*RVK\*H\*RKYYHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWY\*\*EWDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAKRKKSSGNRSCVPWVLGSSRKHYGRSVNDTDGTGQTIIVWYSATAEQFAEGY\*GATAYVATHSLGHQAAPGKSPGCGKIPRGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*DLE\*HDLDGVGKRN\*QLHKRNIHPN\*RIAEPTRKE\*TRIIGIR\*MGKFVELV\*HNKMAVVYKNIHNDSRRLSRFKTSFYCTFYSE\*S\*AGILTIIVSDPPPSPEGTRQARRNRRRRWRERQRQIRTI

>B.1985.U69584.asymptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVHVMQSLEILAPVALVVATIIVIVVWTIVFIEYRKLLRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHPILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKVNPTLCYFKLH\*\*FKKCYCKKCY\*YQ\*\*\*LGRDGERRNKKLLFQYHH\*HKR\*GAERICTFL\*T\*CSTNR\*C\*\*\*\*YYY\*LYQL\*IDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*KFHEQCQNHNSTAG\*ICSN\*LYKTQQQYKKKYTYRTRESILYNRRNNRRYKTSSLYP\*\*NRME\*HFSKDN\*KIKRTIWE\*HNNSL\*SLLGRGPRNCNAQFYLWRGIFLL\*YITTV\*\*YLE\*YWE\*Y\*RVR\*H\*KKYHTPMQNKTNYKPVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*\*HGREQDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVDDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISG\*DLG\*HDLDGMGKRN\*QLHKPNIHLN\*RIPEPARKE\*TSIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSLYCTFYSE\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRSL

>B.1985.U69585.asymptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVHVMQSLEILAPVALVVATIIVIVVWTIVFIEYRKLLRQRKINRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*\*FKK\*YCKKCY\*YQ\*\*\*LGKDGERRNKKLLFQYHH\*HKR\*GAERICTFL\*T\*CSTNR\*\*KYYY\*LYQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*KFHEQC\*NHNSTAE\*ICSN\*LYKTQRQYKKKYTYRTRESTLYNRRYNRRYKTSSL\*P\*\*SRLE\*NFRKDS\*KIKRTI\*E\*RNSL\*SLLRRGPRNCNTQFYLWRGILLL\*YITTVYLE\*YLE\*Y\*RGS\*QYRKDHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*YPERDRDLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKRSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGKNLG\*HDLDGMGKRN\*QLHKPNIHLN\*RIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSLCCTFYSE\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRKL

>B.1985.U69586.asymptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVHVMQSLEILAPVALVVATIIVIVVWTIVFIEYRKLLRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPRDVDDL\*CCRTIMGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIRKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*\*FKK\*YCKKCY\*YQ\*\*\*LGKDGERRNKKLLFQYHH\*HKR\*GAERICTFL\*T\*CSTNR\*\*KYYY\*LYQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTMYKCQHSTMYTWN\*ASSVNSPAVKWQSSRKRGSN\*I\*KFHEQC\*NHNSTAERICSN\*LYKTQQQYKKKYTYRTRESILYNRRYNRRYKTSSS\*P\*\*SRLE\*HFSKDS\*KIKRTIWE\*\*NNSL\*AILRRGPRNCNTQFYLWRGIFLL\*YITTV\*\*YLE\*Y\*E\*Y\*RVR\*DHTPMQNKTNYKPVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKRWWRFNKRWW\*ERDRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAESY\*GATASVATHSLGHQAAPGKSPSCGKIPKGSTAPRDLGVLWKTHLHHCCALEY\*LE\*\*SSG\*DLE\*HDLDGMGKRN\*QLHKPNIHLN\*RIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSLYCTFYSE\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRSL

>B.1985.U69587.asymptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVHVMQSLEILAPVALVVATIIVIVVWTIVFIEYRKLLRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*\*FKK\*YCKKCY\*YQ\*\*\*LGKDGERRNKKLLFQYHH\*HKR\*GAERICTFFL\*T\*CSTNR\*\*KYYY\*LYQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*R\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*KFHEQC\*NHNSTAE\*ICSS\*LYKTQQQYKKKYTYRTRESILYNRRYNRRYKTSSL\*P\*\*SRLE\*NFRKDS\*KIKRTI\*E\*RNSL\*SLLRRGPRNCNTQFYLWRGILLL\*YITTVYLE\*YLE\*Y\*RGR\*QYRKDHTPMQNKTNYKHMAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWW\*YPERDRDLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGKNLG\*HDLDGMGKRN\*QLHKPNIHLN\*RIAQPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSLYCTFYSE\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRKL

>B.1985.U69588.asymptomatic

MEPVDPRLEPWKHPGSQPRTACTNCYCKKCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVHVMQSLEILAPVALVVATIIVIVVWTIVFIEYRKLLRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLCYFKLH\*\*FKK\*YCKKCY\*YQ\*\*\*LGKDGERRNKKLLFQYHH\*HKR\*GAERICTFL\*T\*CSTNR\*\*KYYY\*LYQL\*VDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCVSKV\*R\*EVQWNRTMSKCQHSTMYTWN\*ASSINSTAVKWQSSRKRGSN\*I\*KFHEQC\*NHNSTAE\*ICSN\*LYKTQRQYKKKYPYWTRESTLYNRRYNRRYKTSSL\*P\*\*SRLE\*NFRKDS\*KIKRTI\*E\*RNSL\*SLLRRGPRNCNTQFYLWRGILLL\*YITTVYLE\*YLV\*Y\*RGR\*QYRKDHTPMQNKTNYKHVAGSRKSNVCPSHQRTN\*MFIKYYWAAINKRWW\*YPERDRDLQTWRRKYEG\*LEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKRSSGNNRSYVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGKNLG\*HDLDGMGKRN\*QLHKPNIHLN\*RIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRFKNSLYCTFYSE\*S\*EGILTIIVSDPPPNPAGTRQARRNRRRRWRARQRQIRKL

>B.1990.U69589.symptomatic

MEPVDPSLEPWKHPGSQPKTACTNCYCKYCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVHVMQPLEISAVVALVVAAIIVIVVWTIVFIEYRKLLRQRKIDRLIDRIRERAEDSGNESEGDQEELSALMEMGHDAPWDVDDL\*CYRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIAKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYFKLH\*\*FKKCYCTKCY\*\*Q\*\*\*LGEDGERRNKKLLFQCHH\*HKR\*GAERICTVL\*T\*CSTNR\*\*K\*YY\*LYQL\*IDKL\*LLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTVYKCQHSTMYTWN\*ASSVNSTAVKWQSSRRRGSN\*I\*KFHEQC\*NHNSTAE\*ICSN\*LYKTQQQYKEKYTYSTRESILYNRRYNRRYKTSSL\*P\*\*SRLE\*HFSKDS\*KITRTIWE\*\*DNNL\*AILRRGPRNCNTQFYLWRGIFLL\*YITTV\*\*YLE\*Y\*KL\*\*KRVRKYHTPMQNKTNYKPVAGSRKSNVCPSH\*RTN\*MFIKYYRAAINKRWWSWS\*\*NRERE\*DLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSSGNVRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQLAESY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALE\*\*LE\*\*ISE\*DLG\*HDLDGMGKRN\*QLHRPNIHLN\*RIAEPARKE\*TRIIGIR\*MGKFVGLVYHNKLAVVYKNIHNDSRRLDRFKNSVYCTFYSE\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRSL

>B.1990.U69590.symptomatic

MEPVDPSLEPWKHPGSQPKTACTNCYCKYCCLHCQVCFTRKGLGISYGRKKRRHRRRAPQDSQTHQVSLSKQ\*VVHVMQPLEILSIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTMVGHSLLWGTCVERSNPHSILCIRC\*GI\*YRGA\*CLGHTCLCTHRPQPTRSSIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYSKLH\*\*LKKCYCK\*C\*\*YQ\*\*\*LGKDGERRNKKLLFQYHH\*HKR\*GAERICTFL\*T\*CSTNR\*C\*\*\*\*CY\*LYQL\*IDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQYGTMYTWN\*ASSINSTAVKWQSSRRGGSN\*I\*KFHEQC\*NHNSTAE\*ICSN\*LYKTQQQYKEKYTYRTRESILYNRRHNRRYKTSSL\*R\*\*SKME\*HFSKDS\*KIKRTIWA\*\*NNSLQSLLRRGPRNCNTQFYLWRGILLL\*YITIVYLE\*YLE\*Y\*RVR\*QYRRDHTPMQNKTNYKHVAESRKGNVCPSHQRTN\*MFIKYYRAAINKRWW\*YPERDRGLQTWRRRYEGQLEK\*IIQI\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSGKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*NLE\*HDLDGMGKRN\*QLHRPNIHPN\*RIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRLKNSLYCTFYSK\*S\*AGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRAL

>B.1990.U69591.symptomatic

MEPVDPSLEPWKHPGSQPKTACTNCYCKYCCLHCQVCFTRKGLGISYGRKKRRQRRKAPQDSQTHQASLSKQ\*VVHVMQPLDIVAIVALVVAAIIVIVVWTIVFIEYRKLLRQRKIDRLIDRIRERAEDSGNESEGAQEELSALVVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHSILCIRC\*SI\*YRGA\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDARGYYQFMGSKPKVMCKINPTLCYFKLH\*\*FKKCYCTKCY\*CQ\*\*\*LGKDG\*RRNKKLLFQCHH\*HKR\*GAERICTVL\*T\*CSTNR\*\*K\*YY\*LYQL\*VDKL\*LLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQYSTMYTWN\*TSSINSTAVKWQSSRRRGSN\*I\*KFHEQC\*NHNSTAE\*ICSN\*LYKTQQQYKEKYSYSTRESILYNRRYNRRYKTSSL\*P\*\*SRLE\*HFSKDSWKIKRTIWE\*\*NNSLYSTLRRGPRNCNTQFYLWRGIFLL\*YITTV\*\*YLE\*Y\*K\*\*KHWRKYHTPMQNKTNYKPVAGSRKSNVCPSHQRTN\*MFIKYYRAAINKRWWS\*S\*QNRERERDLQTWRRKYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKKKSGAERKKSSGNVRSCVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSATAEQLAESY\*GATAYVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEY\*LE\*\*ISE\*DLG\*HDLDGMGKRD\*QLHRPNIHLN\*RIAEPARKE\*TRIIGIR\*MGKFVGLVYHNKLAVVYKNIHNDSRRLDRFKNSLYCTFYSE\*S\*EGILTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIRDL

>B.1990.U69592.symptomatic

MEPVDPSLEPWKHPGSQPKTACTNCYCKYCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQPLEISAIVALVVAAIIVIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNESEGDQEELSALVEMGHHAPWDVDDL\*CCRTIVGHSLLWGTCVERSNHHFILCIRCQSI\*YRGA\*CLGHTCLCTHRPQPTRSIIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYSKLH\*\*LKK\*YCK\*C\*\*YQ\*\*\*LGKDGERRNKKLLFQYHH\*HKR\*GAERICTFL\*T\*CSTNR\*C\*\*\*\*CY\*LYQL\*IDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRGGSN\*I\*KFHEQC\*NHNSTAE\*NCSN\*LYKTQQQYKEKYTYRTRESILYNRRHNRRYKTSSL\*R\*\*SKME\*HFSKDS\*KIKRTIWA\*\*NNSL\*SLLRRGPRNCNTQFYLWRGILLL\*YITTVYLE\*YLE\*Y\*RVR\*QYRRDHTPMQNKTNYKHVAESRKGNVCPSHQRTN\*MFIKYYRAAINKRWW\*YPERDRGLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRNSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSGKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*DLE\*YDLDGMGKRN\*QLHKPNIHPN\*RIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRLKNSLFCTFYSK\*S\*EGILTIIVSDPPPNPEGTRQARGNRRRRWRARQRQIRAL

>B.1990.U69593.symptomatic

MEPVDPSLEPWKHPGSQPKTACTNCYCKYCCLHCQVCFTRKGLGISYGRKKRRQRRRAPQDSQTHQVSLSKQ\*VVHVMQPLEILAIVALVVAAIIAIVVWTIVFIEYRKILRQRKIDRLIDRIRERAEDSGNASEGDQEELSALVEMGHHAPWDVDDL\*CCRTMVGHSLLWGTCVERSNHHSILCIRC\*GI\*YRGA\*CLGHTCLCTHRPQPTRSSIEKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKSKAMCKINPTLCYSKLH\*\*LKKCYCK\*C\*\*YQ\*\*\*LGKDGERRNKKLLFQYHH\*HKR\*GAERICTFFL\*T\*CSINR\*C\*\*\*\*CY\*LYQL\*IDKL\*HLSHYTGLSKGIL\*ANSYTLLCPGWFCDSKV\*\*\*EVQWNRTMYKCQYGTMYTWN\*ASSINSTAVKWQSSRKGGSN\*I\*KFHEQC\*NHNSTAE\*NCSN\*LYKTQQQYKEKYTYRTRESILYNRRHNRRYKTSSLLR\*\*SKME\*HFSKDS\*KINRTIWA\*\*NNSL\*SLLRRGPRNCNTQFYLWRGILLL\*YITIVYLE\*YLE\*Y\*RVR\*QYRRDHSPMQNKTRYKHVAESRKGNVCPSHQRTN\*MFIKYYRAAINKRWW\*YPERDRGLQTWRRRYEGQLEK\*II\*I\*SSKI\*TIRSSTHQGKEKSGAERKKSSGNNRSYVPWVLGSSGKHYGRSVNDADGTGQTIIVWYSATAEQFAEGY\*GATASVATHSLGHQAAPGKSPGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*\*ISE\*NLE\*HDLDGMGKRN\*QLHRPNIHPN\*RIAEPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKNIHNDSRRLGRLKNSLYCTFYSK\*S\*EGVLTIIVSDPPPNPEGTRQARRNRRRRWRARQRQIQSL

>B.-.U71182.asymptomatic

MEPVDPRLEPWKHPGSQPKTACNNCYCKKCCLHCQVCFMKKGLGIFYGRKKRRQRRRAPQDSQTHQASLSKQ\*VVNVMQALTILAIVALVVVAIIAIVVWTIVLLEYRKILRQRKIDRLIDRIRERAEDSGNESDGDQEELSAFMEMGHHAPWDVDDL\*CCRKLVGHSLLWGTCMERSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSLGKRDRKL\*HVEK\*HGRTDA\*RYNQFMGSKSKAMCKINPTLCYFKLH\*FEECY\*YQ\*YDGGRRNKKLLFQYHHKHKN\*GERLCTFL\*S\*CSTNR\*\*\*YQL\*VDKL\*HLSHYTSLSKGIL\*ANSYTLLYPGWFCDYKV\*Q\*KVQWNRTMYKCQYSTMYTWN\*ASSINSTAVKWQFSRRRGSN\*I\*QFHRQC\*SHNSTAE\*ICRN\*VYKTQQQYKEKYTSRTRESMVYNRTNNRRYKTSTL\*P\*\*HKME\*HFKTDN\*KIKRTIWEQNNSL\*SILRRGPRDCNAQF\*LWRGIFLL\*YITTV\*\*YLE\*YWYLE\*YYRK\*HYHTPLQNKTNCKHVAGSRKSNVCPSHRRTN\*MFIKYYRVAINKRWW\*\*\*KQAHRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNDRSYVPWVLGSSRKHYGRSVNNADGTGQTIVVWYSATAEKFAEGY\*GATASVATHRLGHQAAPGKSLGCGKIPKGSTAPRDLGLLWKTHLHHCCALEC\*LE\*QISA\*DLE\*HDLDGVGKRN\*QLHKRNIHIN\*RIAEPTRKE\*TRIIGIG\*VGKFVELV\*HNKMAVVYKNIHNDSRRLGRFKNSFCCTFYSK\*S\*AGILTIVITDPLPSPEGTRQARRNRRRRWRARQRQIREI

>B.1983.X01762.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRPPQGSQTHQVSLSKQ\*VVHVMQPIQIAIVALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALVEMGVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RENDNGERRDKKLLFQYQHKHKR\*GAERICIFL\*T\*YNTNR\*\*YYQLYVDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSGRRRGSN\*ICQFHRQC\*NHNSTAEPICRN\*LYKTQQQYKKKYPYPERTRESICYNRKNRKYETSTL\*H\*\*SKME\*HFKTDR\*QIKRTIWK\*\*NNNL\*AVLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLV\*\*YLEY\*RVK\*H\*RK\*HNHPPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWW\*\*QQ\*VRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLE\*HDLDGVGQRN\*QLHKLNTLLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFCSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI

>B.-.Z11530.-

MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRPPQGSQTHQVSLSKQ\*VVHVMQPIQIAIVALVVAIIIAIVVWSIVIIEYRKILRQRKIDRLIDRLIERAEDSGNESEGEISALVEMGVEMGHHAPWDVDDL\*CYRKIVGHSLLWGTCVEGSNHHSILCIRC\*SI\*YRGT\*CLGHTCLCTHRPQPTRSSIGKCDRKF\*HVEK\*HGRTDA\*GYNQFMGSKPKAMCKINPTLC\*FKVH\*FEE\*Y\*YQ\*\*\*RENDNGERRDKKLLFQYQHKQKR\*GAERICIFL\*T\*YNTNR\*\*YYQLYVDKL\*HLSHYTGLSKGIL\*ANSHTLLCPGWFCDSKM\*\*\*DVQWNRTMYKCQHSTMYTWN\*ASSINSTAVKWQSSRRRGSN\*ICQFHGQC\*NHNSTAEHICRN\*LYKTQQQYKKKNPYPEGTRESICYNRKNRKYETSTL\*H\*\*SKME\*HFKTDR\*QIKRTIWK\*\*NNNL\*AVLRRGPRNCNAQF\*LWRGIFLL\*FNTTV\*\*YLEY\*RVK\*H\*RK\*HNHPPMQNKTNYKHVAGSRKSNVCPSHQWTN\*MFIKYYRAAINKRWW\*\*QQ\*VRDLQTWRRRYEGQLEK\*II\*I\*SSKN\*TIRSSTHQGKEKSGAERKKSSGNRSFVPWVLGSSRKHYGRSVNDADGTGQTIIVWYSAAAEQFAEGY\*GATASVATHSLGHQAAPGKNPGCGKIPKGSTAPGDLGLLWKTHLHHCCALEC\*LE\*\*ISGTDLE\*HDLDGVGQRN\*QLHKLNTLLN\*RIAKPARKE\*TRIIGIR\*MGKFVELV\*HNKLAVVYKIIHNDSRRLGRFKNSFCCTFCSE\*S\*AGIFTIIVSDPPPNPEGTRQARRNRRRRWRERQRQIHSI