

1000

8338009.q LIGCPFPASTGCPVITYDVSSNCTCAPIAELDQK DALLNSYNNELTGRVPSLIVSGALPAVFLCNPGLCGLPADGGCDAPAA PPSRN -RLALAATVAFVGVILLLALGAFAVCRRLHAA AKDVELYEIKIT-ADELLAAAPDKNAII-RGAFCKVYLLEBLLD

15240215.p PGCEPPSPSIAADHVLTYDLSNSNLSCTCIPQQLQNLK-DALDFNVSFNGLSCSEVPHSLVSG-LPASFLQCNPBLCGPGPLNSCSSDRS -NFHKKGKGALVLSLICLALAIATFLAVLYYRSLRKVQFKST KRSFVYFFKLTEELMVKVNESCPSS-BEVYVLSLSS

83552953.q LSGCSPLASGELSKESSNLSSNLSAAGCPVPIQLAGMSIVLVSNSNLOQ- RLGESEFWRWLRGAFANARLCHGPVSLVCGVGGGG -RSLRSLSATTAALSAVTLSVVLVFLVLLAVRRRSCEVN CTAFLSSLGGGNNINGROLVUVKG SREPRREAEIANAATANNSDQFAI-SGCGSCKVYVRERLT

15253518.p FSGDPSPSCTGCTSKETDLSNSNLTCTBVPGSVSDMGLGMLYLNLSNPNLCC -KLKKQKFWRSPASFLNTLTCGLGSPLSRCNR - VRTISALTAIGMLVIALTFKKFDHDFPKVVGHSATYSSS -SQATHKPLFRNG ASKSPTR EDIMTAHNSSEBMU-SGCGSCKVYVRERLT

82190011.q LVCPGPPRBLGRKDQVAIDLSSNEECSIPCDMGRMSLIEBVNNSNRLSCAIPVFAPFKSAAASSFSNTKRCGNPLVVDGCPPIYG SSYGMGDHRKISYRVALAVVGSCLIFSVSLSLVVALFMWRERQKEAAKMAEAGEVVVAAPQVMASNMFIIDSQLOQAFDPSVCVKATFKDANVNSGT-FSTIYKVAKMPS

15227441.p LIGCPSPPEKGDKRPSLSDVSNLNTGCSIPPLBLKGMSVLLNEVNSNLLNPSPVFPVFPKNSFLNKEBLGCPPLSSCGYSED -LHLRYNHRVSYRSLAVLAVGSGCVFVFTVTVLVLVNEENVEENVEDEQFAIIAGNVENLKOQHDLLAVKATMKSNLSTGT-FSTIYKVAKMPS

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AK101039.q PAGEPPDMSSTCQSSLDLSSNEDYCGSIS-VLSSGL-SLTSLSNLSYINNSCGAIPVTFFFKTLSLSSYYINNPNCESYDGHTCASDMV RITALKTVKTVLILCAVLGSITLLE -MSMS VAGGDDFSHPFTFTF-FOKINGC-VDNILBECRDENVILKCCGSCKVYRALEMN

15229457.p LIGCPFSAKSHAKSNSKISLDLSSNEDYCGSIS-VLSSGL-SLTSLSNLSYINNSCGAIPVTFFFKTLSLSSYYINNPNCESYDGHTCASDMV RITALKTVKTVLILCAVLGSITLLE -MSMS VAGGDDFSHPFTFTF-FOKINGC-VDNILBECRDENVILKCCGSCKVYRALEMN

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30687259.p FVGEPSRFSPPKNDLGVIDVSHSLLTCLN VLIDJ-NLVLNSNLSNPSNDFSCD-PNTFFRRLPLSDLAENRGHVISNA -ISTRPDPTTRNSVSVRLTILLILVVVTTAVLVLMAVTTLVRAR AAG -KQLLGEEDIDSWEVITVQKEDFS-IDDIVKNTSANSVITCGSSCKVYRHTIPS

83550311.q LSGCSPLASGELSKESSNLSSNLSAAGCPVPIQLAGMSIVLVSNSNLOQ- RLGESEFWRWLRGAFANARLCHGPVSLVCGVGGGG -RSLRSLSATTAALSAVTLSVVLVFLVLLAVRRRSCEVN CTAFLSSLGGGNNINGROLVUVKG SREPRREAEIANAATANNSDQFAI-SGCGSCKVYVRERLT

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15229189.p LSGCPNEDTOKNIPNYNLNRNLDGCEIPATIAAM-SLTAVDVSNSNLLCPLVATPSVYFNTATCNPGLCPGYLG-PCH -KGAPGTDIDGGRSH -GOLSNSFKLIVLGLLALIASAFAAMAILKARSLLKSEAAR -AMKTAIFORDEF-CDDVDSLKEENII-KGGACCKVYKCTMP-

46270007.q LSGCPNEDTOKNIPNYNLNRNLDGCEIPATIAAM-SLTAVDVSNSNLLCPLVATPSVYFNTATCNPGLCPGYLG-PCH -KGTHQSHVKP -LSATTRKLLVLGLFCMSVMFAIVAIKKARSLSRNASEAK -ANRITAIFORDEF-CDDVDSLKEENII-KGGACCKVYKCTMP-

63420019.q LSGCPNEDTOKNIPNYNLNRNLDGCEIPATIAAM-SLTAVDVSNSNLLCPLVATPSVYFNTATCNPGLCPGYLG-PCH -HQAATVITK -SLSSASRKLIVLGLLALIASVFAAGVAKLARSLSRNASEAK -AMRITAIFORDEF-CDDVDSLKEENII-KGGACCKVYKCTMP-

64170017.q LIGCPMPARVOTRMNINLVNSNKGNS-IPAEMGSMKSLTDADLSHNDFSCNPHNGQFAYFNASSFAGCPREV -LCGTPAPGP -APGTTTPGSGGDGR -AVPMMAAAALGLLACSVAFAAAATVTRSAIERRRS-GWOMRAFOQVRFG-CDDVRCVKEENII-KGGACCKVYKCTMP-

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83544720.q LIGCPNEDTOKNIPNYNLNRNLDGCEIPATIAAM-SLTAVDVSNSNLLCPLVATPSVYFNTATCNPGLCPGYLG-FSSNPNCNGS -WDSKMLVALVAFAAAAVAVAFALGKRGCKCSAVERSARRS -GANWTAIFORDEF-ADDVBECDP-CDDVDSLKEENII-KGGACCKVYKCTMP-

83600410.q FNGCPMPARVAMMPTISVVLDSNNSFFSCTCIPSNFGSSPALEMLNAYNNLTCPEPATGLLRTINPDDLAENPGLCGGGVLPFCGASSL-RSSSSESYDLRRSHMKHIAAGWAIGISVIAACGAMFLGKQLYHRWYVHG-GCCDDAAVEEEGSGSWPFRITFOPISFT-S2EVLIACTKEANIV-MGGTCVYVYRADMPS

AK110271.q LIGCPMPARVAMMPTISVVLDSNNSFFSCTCIPSNFGSSPALEMLNAYNNLTCPEPATGLLRTINPDDLAENPGLCGGGVLPFCGASSL-RSTAAGPGRSAGLHQIARLHVAVGCMVVAUAAFAFLGHHYQYRWWVHGAGCGCCDDENLGGE-SGAWMTRIFORDEF-CAEIVACRKEANIV-MGGTCVYVYRADMPS

15235387.p LIGCPNEDTOKNIPNYNLNRNLDGCEIPATIAAM-SLTAVDVSNSNLLCPLVATPSVYFNTATCNPGLCPGYLG-FSSNPNCNGS -RATSSHSLHCKRIVGAWLGIOWCIAVLAJLGLTIVTRLYKWKWYNS-FCCGDTASKEG-WPMLPMAHEFRIGT-A5DILACTKESMII-MGATCCKVYKCTMP-

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AK105669.q LIGCPNEDTOKNIPNYNLNRNLDGCEIPATIAAM-SLTAVDVSNSNLLCPLVATPSVYFNTATCNPGLCPGYLG-FSSNPNCNGS -LGVCKVEDGRDRDGLARRS-LIVLVPVLSATLVLVGGFLVSYRSEKLEELY-KRDMEQGGCCGAEMKES-FHPPFELD-AEICAVGEE-NLICGGTCKVYKCTMP-

AK071957.q GSGPANTADPHSNVNLNSNNACTCIPPEALCTLL-PNSLDEPSNNNLSCPVP-LQLIREGLLESVAENPGLCQVALRIN-LTD -PALPLCPKPA -ARLRLMRGLAGSVWVVAACALCVCVATLALARWVLRARQDGHDGLTPSPASSSS-YDVTBPKHISPD-QEIVIARADKNIWVHGGSCKVYKCTMP-

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