

gi|145605339|ref|XP_365095.2| MVACLPHNGTCLTTSASVLHEGIACDKAASSDAYKDLVDSVASRHPNTKVIPYPFVAKEDETLALIDELLNTPGRLDIIVVCSSGFLGPPSIDTTPDVLVKCFESOSLAPFFALKVAPPAMAKLCAKQSYFNAAPKAQAYGSIVVIAAV 150
 gi|32417854|ref|XP_329405.1| ----- 150
 gi|50307765|ref|XP_453876.1| ----- 150
 gi|45200974|ref|NP_986544.1| ----- 150
 gi|6323274|ref|NP_013346.1| ----- 150
 gi|11386157|ref|NP_001776.1| ----- 150
 gi|114554458|ref|XP_001161389.1| ----- 150
 gi|58037289|ref|NP_082452.1| ----- 150
 gi|34872207|ref|XP_342956.1| ----- 150
 gi|119888972|ref|XP_873476.2| ----- 150
 gi|57044256|ref|XP_544519.1| ----- 150
 gi|118101171|ref|XP_001234309.1| ----- 150
 gi|45387777|ref|NP_991242.1| ----- 150
 gi|189520649|ref|XP_001923622.1| ----- 150
 gi|19115233|ref|NP_594321.1| ----- 150
 1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150

gi|145605339|ref|XP_365095.2| AVTYGCCWGPCHTMMHAASLGVVRAGVSVLKGTVGRINCIAGQIETGVDLKGVDMRGMNVFPPANLOSKEVQQAIVGLERAGHPQEVARVAGFLASGFSYITGANLVVDGGA SFHVEELVTCISQLNVAFAPVWPWLTMPRAAPH 300
 gi|32417854|ref|XP_329405.1| ----- 300
 gi|50307765|ref|XP_453876.1| ----- 300
 gi|45200974|ref|NP_986544.1| ----- 300
 gi|6323274|ref|NP_013346.1| ----- 300
 gi|11386157|ref|NP_001776.1| ----- 300
 gi|114554458|ref|XP_001161389.1| ----- 300
 gi|58037289|ref|NP_082452.1| ----- 300
 gi|34872207|ref|XP_342956.1| ----- 300
 gi|119888972|ref|XP_873476.2| ----- 300
 gi|57044256|ref|XP_544519.1| ----- 300
 gi|118101171|ref|XP_001234309.1| ----- 300
 gi|45387777|ref|NP_991242.1| ----- 300
 gi|189520649|ref|XP_001923622.1| ----- 300
 gi|19115233|ref|NP_594321.1| ----- 300
160.....170.....180.....190.....200.....210.....220.....230.....240.....250.....260.....270.....280.....290.....300

gi|145605339|ref|XP_365095.2| DCNDTACISQEA VQPSLPETIERLQAVLHRHDTLIPHTALHCPCIMSLPPIQKLSSSDDAAVDEVCKTVGISREOFQOLQRRSEAAKSTAYCPYSNFRVGAALLSIDDKN-----SYISGANVENASYPVGTCAERV 450
 gi|32417854|ref|XP_329405.1| ----- 450
 gi|50307765|ref|XP_453876.1| ----- 450
 gi|45200974|ref|NP_986544.1| ----- 450
 gi|6323274|ref|NP_013346.1| ----- 450
 gi|11386157|ref|NP_001776.1| ----- 450
 gi|114554458|ref|XP_001161389.1| ----- 450
 gi|58037289|ref|NP_082452.1| ----- 450
 gi|34872207|ref|XP_342956.1| ----- 450
 gi|119888972|ref|XP_873476.2| ----- 450
 gi|57044256|ref|XP_544519.1| ----- 450
 gi|118101171|ref|XP_001234309.1| ----- 450
 gi|45387777|ref|NP_991242.1| ----- 450
 gi|189520649|ref|XP_001923622.1| ----- 450
 gi|19115233|ref|NP_594321.1| ----- 450
310.....320.....330.....340.....350.....360.....370.....380.....390.....400.....410.....420.....430.....440.....450



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gi|145605339|ref|XP_365095.2|ALGKAVTEGH-RRFRALAVS460TDITP-PAS470PCGMCROFIREFSD-LHMP480IFMFDKDND-FVVMKLEALLPL490SPGPEQLPRAGSAGAAK- 538
gi|32417854|ref|XP_329405.1|AFGRATTEGH-RGFKAVAVATDISP-PAS470PCGMCROFIREFCE-LSMP480ILMFDKDEN-FSVLRLEDLLPL490SPGPDQMGIEGAA----- 538
gi|50307765|ref|XP_453876.1|AIVKAVTSSHRADWVCVA460INSDMRDNYIPPCGICRO470TIREFGK-EDLP480IIMNCDTSVKKIMTLNELLPESFGPDHFR----- 538
gi|45200974|ref|NP_986544.1|AVVKAVTAGH-TNWVCI460ALSGDSSD-VVTPCGICROV470LREFVDPKKLTIVIMNADGSKVLQRTLEELLPSFGPDSL480R----- 538
gi|6323274|ref|NP_013346.1|AMIQVLMAGHRS460GWKCMVICGDS470EDQCVSPCGVCR480OFINEFVV-KDFPIVMLNSTGSR490SKVMTMGELLPMAFG500PSHLN----- 538
gi|11386157|ref|NP_001776.1|AIQKAVSEGY-KDFRAIAIAS460DMODDFISPCGACROVMREFG470T--NWPVYMTKPDGT-YIVMTVQELLPS480SPGPE490DLQKTI----- 538
gi|114554458|ref|XP_001161389.1|AIQKAVSEGY-KDFRAIAIAS460DMODDFISPCGACROVMREFG470T--NWPVYMTKPDGT-YIVMTVQELLPS480SPGPE490DLQKTI----- 538
gi|58037289|ref|NP_082452.1|AIQKAVSEGY-KDFRAIAIAS460DLQEEFISPCGACROVMREFG470T--DWAVYMTKPDGT-FVVRTVQELLPA480SPGPE490DLQKTI----- 538
gi|34872207|ref|XP_342956.1|AIQKAVSEGY-KDFRAIAIAS460DLQEEFISPCGACROVMREFG470T--DWAVYMTKPDGT-FVVRTVQELLPA480SPGPE490DLQKTI----- 538
gi|119888972|ref|XP_873476.2|AIQKAVSEGY-KDFRAIAIAS460DLQDDFISPCGACROVMREFG470T--DWAVYMTKLDGT-YVVRTVRELLPE480SPGPE490DLQKTI----- 538
gi|57044256|ref|XP_544519.1|AIQKAVSEGH-REFRAIAISS460DLQDDFISPCGACROVMREFG470S--NWPVYMTKPDGT-YVVRTVRELLPA480SPGPE490DLQKTI----- 538
gi|118101171|ref|XP_001234309.1|AIQKAVSEGH-REFRAIAISS460DLQDDFISPCGACROVMREFG470S--NWPVYMTKPDGT-YVVRTVRELLPA480SPGPE490DLQKTI----- 538
gi|45387777|ref|NP_991242.1|AISKAVSEGY-RDFKALAIAS460DMCENFISPCGGCROVMREFG470S--NWEVYLSKPDGS-YVEMTVBE480ELLPA490SPGPE500DLKMKKANIRNEF----- 538
gi|189520649|ref|XP_001923622.1|AISKAVSEGH-TDFKALAIAS460DLQDRFISPCGACROVMREFG470S--QWDVYLSKPDGS-FKQMTVE480ELLPC490SPGPE500DLRARENF----- 538
gi|19115233|ref|NP_594321.1|AITKAVSMGY-TKFMALGVMS460ARG--RVTPCGICROVIREF470SK--DINVYMFHDDGG-YDMKTI480RELLP490SPGPE500DDLK----- 538
.....460.....470.....480.....490.....500.....510.....520.....530.....

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