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gi|4505289|ref|NP_002452.1|TFDAGPNAVIFTLDDIVAEFVAAVWHGFPFG--SNGDIFLKG-----600
gi|114664085|ref|XP_001135547.1|TFDAGPNAVIFTLDDIVAEFVAAVRHGFPFG--SNGDIFLKG-----600
gi|73956933|ref|XP_546783.2|TFDAGPNAVVFLELDTVPFVFAAVQHCFFPPE--SNGDKFLKG-----600
gi|115495513|ref|NP_001068892.1|TFDAGPNAVVFLELDTVAEFVAAVRHSPFPE--SNGDKFLKG-----600
gi|20149736|ref|NP_619597.1|TFDAGPNAVIFTLDDIVAEFVAAVRHSPFPA--ANGDKFLKG-----600
gi|13592005|ref|NP_112324.1|TFDAGPNAVIFTLDDIVAEFVAAVRHSPFPA--ANGDKFLKG-----600
gi|118096575|ref|XP_423130.2|TFDAGPNAVVFMLELDTVDFEFVEVVRSPFPD--SNGD-----600
gi|55925435|ref|NP_001007423.1|TFDAGPNAVIVSLGLDYLPEFVEVVRHFFPPE--VNEBEFFKG-----600
gi|28571205|ref|NP_573068.3|TFDAGPNACLYVLAERHVPHLLSAIQKVPNDL--ADCGTYLRG-----600
gi|118794452|ref|XP_321487.3|TFDAGPNACLFLLKDVAEVSAIVRRVFPFTG--TSABEYKKG-----600
gi|39963452|ref|XP_364905.1|TFDAGPNAVVFLELQDAKVVVGSFAKIVGSDV--GWKEG--AK-----600
gi|164423595|ref|XP_001728068.1|TFDAGPNAVIVYLELQTEAVVGNLYSVLSKVD--GWKAS--AV-----600
gi|6324371|ref|NP_014441.1|TFDAGPNAVLYYLAENESKLFATLYKLFSGVP--GWDKFFITE-----600
gi|50311049|ref|XP_455548.1|TFDAGPNAVLYYLAQSEDKLFAFLYHLEQNVY--GWESKFKKE-----600
gi|45200865|ref|NP_986435.1|TFDAGPNAVLYYLAENEARLCGFLSAVFGAND--GWETTFSTE-----600
gi|19114939|ref|NP_594027.1|TFDAGPNAVIVFLEENSEIVLNTLYAVYKNAE--GWSKQ-----600
gi|18410026|ref|NP_566995.1|TFDAGPNAVLIARNRKVAVLLQGLLYYFPFKS--DTDMKSYVVG-----600
gi|15224931|ref|NP_181404.1|TFDAGPNAVMIARNRKVAVELLQGLLYCFPPKP--DTDMKSYVLG-----600
gi|115443725|ref|NP_001045642.1|TFDAGPNAVLIAPNRKNATLLQKLLYVFPQDNLDSRIYLTNKMMLYGVWRQVDSKRCWTEIDRRCCGGPPSSCRDEDAEPKIQGRCHRRRRRSNSLIPIRTSNASPSRAWRCSSCRSRTGRSAWPWRGATRYRSLSSKDDSAARRPLSSS
.....460.....470.....480.....490.....500.....510.....520.....530.....540.....550.....560.....570.....580.....590.....600

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gi|4505289|ref|NP_002452.1|-----LQVRPAPLSAELQ-----AALAMEPT--PGGVKVIIVTQ-----VGGPGC---IIL750
gi|114664085|ref|XP_001135547.1|-----LQVRPAPLSAELQ-----AALAMEPT--PGGVKVIIVTQ-----VGGPGC---IIL750
gi|73956933|ref|XP_546783.2|-----LPVVRPPLSDSEFK-----AALNVDEPI--PGSIKVIIAIQ-----VGGPGC---IIL750
gi|115495513|ref|NP_001068892.1|-----LPVEPVLLSDLELK-----AVLQMDPV--PGSIRVIIAIQ-----VGGPGC---VL750
gi|20149736|ref|NP_619597.1|-----LQVAPVLLSDLELK-----AALVVEPS--PGGVQVIIAIQ-----VGGPGC---VL750
gi|13592005|ref|NP_112324.1|-----LQVAPVLLSDLELK-----TSLATEPS--PGGVQVIIAIQ-----VGGPGC---VL750
gi|118096575|ref|XP_423130.2|-----LPVCPADLSEEMI-----RDINMKPT--FNGIRYMISTK-----AGPGPR---VV750
gi|55925435|ref|NP_001007423.1|-----LPPIPKVQDAES-----SKLDSLDVHAKNAFRVYIHTK-----VGEQPK---EL750
gi|28571205|ref|NP_573068.3|-----LPNDEAAMAAIPP-----TVLDSFAPEEENLLRVYIHTK-----VGEQPK---RV750
gi|118794452|ref|XP_321487.3|-----DFAAQGVVEIDEA-----VAGLLKNGISRVIMTS-----VGEQPK---V750
gi|39963452|ref|XP_364905.1|-----EGLKANASFDES-----VVGLLKNGVSRVIMTS-----VGEQPK---V750
gi|164423595|ref|XP_001728068.1|-----QLFAFNHQFESS-----NFTARELDELQKDVAVRVLITQ-----VGSQPK---Q750
gi|6324371|ref|NP_014441.1|-----QLSQFNARFDEIK-----DDVSFYLDSELHQVTRVILTR-----VGGPGC---Q750
gi|50311049|ref|XP_455548.1|-----QRATFAAQFDECVK-----GKLATDLDDELHRGVARLIFTK-----VGGPGC---Q750
gi|45200865|ref|NP_986435.1|-----YGSSPVTVDSA-----AANIYSSGISRVILTR-----VGNQPR---VL750
gi|19114939|ref|NP_594027.1|-----LLKEAGLDGASG-----VENLQPPPEIKDNI-----GSQDQKG--EVSVFICTR-----PVRG---PVLH750
gi|18410026|ref|NP_566995.1|-----LVKEAGLEG-----ELPQEIKDKI-----GSQDQKG--EVSVFICTR-----PVRG---PVLH750
gi|15224931|ref|NP_181404.1|-----LTKDDGAARWLCRAAVDLARVVEESAAPPEMPPPLTVDEEVRLCEFAKSSGAVLFRLYHGCLFELSLAIMEVRFIYGYSLPAGEEARRAPPREVAAPSRRCARRPVMRARRRAATSTAAGSHCRVRRITGQLLTHHAVSGHGLARPRIEH
.....610.....620.....630.....640.....650.....660.....670.....680.....690.....700.....710.....720.....730.....740.....750

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gi|4505289|ref|NP_002452.1|DDPCAHLGPDGLPKPAA-----837
gi|114664085|ref|XP_001135547.1|DDPCAHLGPDGLPKPAA-----837
gi|73956933|ref|XP_546783.2|DDPHHLLGPDGLPKPAA-----837
gi|115495513|ref|NP_001068892.1|DDPCAHLGPDGLPKPAA-----837
gi|20149736|ref|NP_619597.1|DDTDHLLGPDGLPORDL-----837
gi|13592005|ref|NP_112324.1|DDPHHLLGPDGLPORDL-----837
gi|118096575|ref|XP_423130.2|DDPHHLLGPDGLPORDL-----837
gi|55925435|ref|NP_001007423.1|EDPNLHLLGADGLPKKSAV-----837
gi|28571205|ref|NP_573068.3|SADNSLLIN--GLPLK-----837
gi|118794452|ref|XP_321487.3|D-----837
gi|39963452|ref|XP_364905.1|KSDQHLA-----837
gi|164423595|ref|XP_001728068.1|ATQELVAEDCTPVKSS-----837
gi|6324371|ref|NP_014441.1|ETNESLIDAKTGLPK-----837
gi|50311049|ref|XP_455548.1|DTDLSLIDSAATGLPSN-----837
gi|45200865|ref|NP_986435.1|DTKSSLIDPETGLPR-----837
gi|19114939|ref|NP_594027.1|TIDESLIDASGNPKFIGSH-----837
gi|18410026|ref|NP_566995.1|DQTQALLDPETGLPK-----837
gi|15224931|ref|NP_181404.1|DQTQALLHPQTGLPK-----837
gi|115443725|ref|NP_001045642.1|DDKLLPLHAFVGFASMFLLRRRRRRFHVVSVHGFEKSDSILHATMWWVGLVSNILRVGLIWMLEMRKWSGLVWVSGCRGGGLGWMRPGF
.....760.....770.....780.....790.....800.....810.....820.....830.....

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