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gi|114672493|ref|XP_001150558.1|
gi|83716002|ref|NP_001032905.1|
gi|57100565|ref|XP_533309.1|
gi|73961995|ref|XP_849163.1|
gi|46358062|ref|NP_067263.1|
gi|9507217|ref|NP_062052.1|
gi|118086858|ref|XP_419147.2|
gi|18859519|ref|NP_571835.1|
gi|30690081|ref|NP_195183.2| MRCLQN SAKTLPLAFKS ALLPLS QRWFCKFSKPSLSTN 39
gi|15227185|ref|NP_179230.1|
gi|115485535|ref|NP_001067911.1| MTWPDKRYLLPSLLSIRKSLKPKRKENPPFHTNLYSPPSQFPICSGGGERDTAAAAAALRRTRPGGARRGTDTSITLPLFLSFLTPQPTTPDPPPPSRFRIRASIPSRRLSENRRIQMLVAIVFRAGAYISRFSSRHCQVAVRFSGISCS 150
gi|115488458|ref|NP_001066716.1| MPVNP HSPGLSGKN PMPVPMSDGNG YARR AWHFRKSNILLRLQS 47
gi|118781473|ref|XP_311491.3|
gi|17137556|ref|NP_477367.1|
gi|50302825|ref|XP_451349.1|
gi|45188092|ref|NP_984315.1|
gi|83578104|ref|NP_014717.2|
gi|19115217|ref|NP_594305.1| MSQPLHARFATRAVKNPMTLEKERQLTDSKVHTLVAAATGSVAATKL 46
gi|39944952|ref|XP_362013.1|
gi|85089414|ref|XP_957941.1|
gi|71993377|ref|NP_491532.3|
gi|124505475|ref|XP_001351479.1| ----- MMEQVCDV 8
1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150

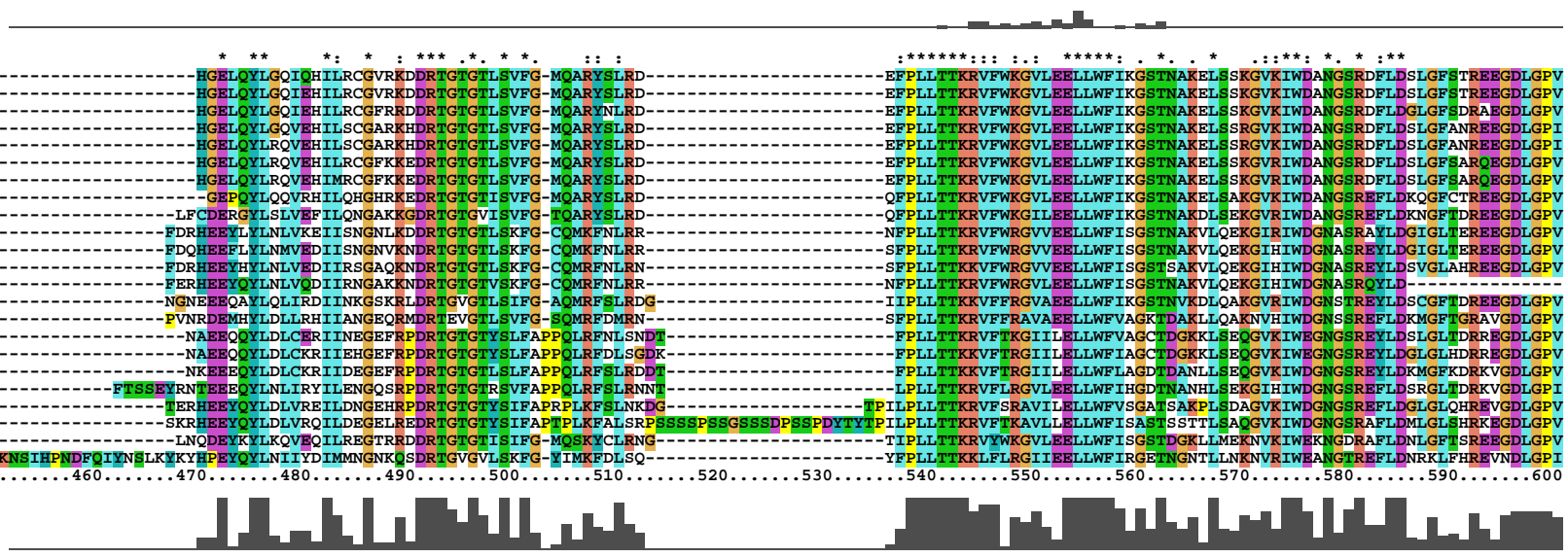
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gi|114672493|ref|XP_001150558.1|
gi|83716002|ref|NP_001032905.1|
gi|57100565|ref|XP_533309.1|
gi|73961995|ref|XP_849163.1|
gi|46358062|ref|NP_067263.1|
gi|9507217|ref|NP_062052.1|
gi|118086858|ref|XP_419147.2|
gi|18859519|ref|NP_571835.1|
gi|30690081|ref|NP_195183.2|
gi|15227185|ref|NP_179230.1|
gi|115485535|ref|NP_001067911.1| ----- LFKVSI STMANTLNGVIMTKKPCSTFYQVVVAATKEMGIGKDGKLPWNLPTDLKFFKDLTLSTSDSAKKNVAVMGRKTWESIPKKYRPLSGRLNVVLSRSVSGFDIANTENVVTCSEIDSALELLAAPP 167
gi|115488458|ref|NP_001066716.1| APISQFRRPQSLKSGSRKLRCCFIQTRLIAMATILS-NGVSONGPNRYQVVVAATRDMGIGKDGVLKPKLLGDLKFFKELVTITADPVKKNVAVMGRKTWESLPLKARPLPGRLNIVLTRSGSFFEFATVENVVICGSMNSALELLSSTP 299
gi|118781473|ref|XP_311491.3| ----- LKYLEFRDKLNFSRPHKSQVIVMSTNVN-NGNSESNLKRQYQVVVAATRDMGIGKDGTLPKWLLPGDLKFFKDIITVITSDPSKKNVAVMGRKTWESIPKKYRPLSGRLNVVLSRSVSGFDIANTENVVTCSEIDSALELLAAPP 188
gi|17137556|ref|NP_477367.1|
gi|50302825|ref|XP_451349.1|
gi|45188092|ref|NP_984315.1|
gi|83578104|ref|NP_014717.2|
gi|19115217|ref|NP_594305.1| TLIVKSLITYKGVQVVVLDPARNVFEKEDLALGVNVMYNNADDDKQWQDLECPITHTLRLRWAHLLLIAPLSANIMAKMANGLCQDNLNLSLIRAWAPLKPIILLAPAMNLMWLNPIQEHLSAISRIYKNSSEFIMPTEKVLACGDIGM 196
gi|39944952|ref|XP_362013.1|
gi|85089414|ref|XP_957941.1|
gi|71993377|ref|NP_491532.3|
gi|124505475|ref|XP_001351479.1| FDIYAIACACCKVEKNEGKNEVFNNYTRGLGNKGVLPWKCNLDMKYFCAVLYVNESKYKLYKRCXYLNKEIVDNDVNDMPNSKKLQNVVVMGRTWESIPKKYRPLSGRLNVVLSRSVSGFDIANTENVVTCSEIDSALELLAAPP 154
-----DFDEDVVLINKVEDLIVLLG---
.....160.....170.....180.....190.....200.....210.....220.....230.....240.....250.....260.....270.....280.....290.....300

gi	4507751 ref NP_001062.1	-----	MPVAGSELPRRPLPPAAQERDAEPRPP	27
gi	114672493 ref XP_001150558.1	-----	MPVAGSELPRRPLPPAAQERDAEPRPP	27
gi	83716002 ref NP_001032905.1	-----	MPAAGSEPRRPPSPGQVQSAEPRPPPP	30
gi	57100565 ref XP_533309.1	-----	MPAPGSELQRPPSPPAQKPRARQPPP	28
gi	73961995 ref XP_849163.1	-----	MPAPGSELQRPPSPPAQKPRARQPPP	28
gi	46358062 ref NP_067263.1	-----	MLVVGSELQSDAQQLSAEAPR	21
gi	9507217 ref NP_062052.1	-----	MLVEGSELQSGAQQLPTEAFQ	21
gi	118086858 ref XP_419147.2	-----	MPAAEE-----FSSGLEG	13
gi	18859519 ref NP_571835.1	-----	MPDTAVVVTNGHCNVGESKKEEINGGKKEF	31
gi	30690081 ref NP_195183.2	FSLSIIEKVFVIGGGDILREALNKPSCRAIHLIETDTSIDCDTFIPVDTISAYQPWCSSFPICENGLRFSFTTHVRVKSSSAGEASDES	DGSKVLQVDWKKFSVFLPKMI	276
gi	15227185 ref NP_179230.1	VCLSIIEKVFVIGGGDILREALNRPSCDAIHLIETDTSVDCDTPFIPADTISVYQPWSSSPVTEENGLRFSFTTHVRVKS--ADESSDES	NGSQSLQFDGKFFLFLPKMI	230
gi	115485535 ref NP_001067911.1	VCLSIIEKVFVIGGGDILREALNKPSCRAVHLIETDTSIDCDTFIPVDTISAYQPWCSSFPVTEENGLRFSFTTHVRVKSMAETHDSNGKESANDGIKSDKPEIENF	SFLPKLI	412
gi	115488458 ref NP_001066716.1	VCLTVIEKVFVIGGGDILREALNKPSCRAIHLIETDTSIDCDTFIPVDTISAYQPWCSSFPVTEENGLRFSFTTHVRVKSMAETHDSNGKESANDGIKSDKPEIENF	SFLPKMI	301
gi	118781473 ref XP_311491.3	-----	-----MEGENG--NVVKKD	12
gi	17137556 ref NP_477367.1	-----	-----DQESMPLPADNGE--PSKQQA	30
gi	50302825 ref XP_451349.1	-----	-----MVLTPTKDGP	16
gi	45188092 ref NP_984315.1	-----	-----MVLSD-----ENVKRVKLEAV	16
gi	83578104 ref NP_014717.2	-----	MSWRSKDPVYARAHYIYQLLQRNMGLPMLKMDSVKSDTRSSV	45
gi	19115217 ref NP_594305.1	-----	-----MTMDGK	6
gi	39944952 ref XP_362013.1	GGMAEWRNIVGRVADKIQLEQKSVLNAVKNIIDGDDDSSEQIAAFEEYDDDDDDVDNEQSNMIEISANADITPKASLLPSTESSISKDHETSQAPLGSSEVDLQASENVITKPEPPVF	-----	319
gi	85089414 ref XP_957941.1	-----	-----MADAGAKPAQG	12
gi	71993377 ref NP_491532.3	-----	-----MVTTSEFVAPAQSQSQTSRINP	25
gi	124505475 ref XP_001351479.1	-----	-----MKNENIADAEVSVKLVQQVH	23
gi	124505475 ref XP_001351479.1	-KLNRYKCFIIGGSVVVQEFLEKLIKLIYFIRINSTYECDFVFPENENEYQIISVSDVYTSNNTLDFIIVKKTNNKMLNEQNCIKGEEKNNMDPKLNDKDKTCHMKKLTFFYKIVDKYKINVENDDDDDEEDDFVYFNFNKEKBEK	-----	303

.....310.....320.....330.....340.....350.....360.....370.....380.....390.....400.....410.....420.....430.....440.....450

gi	4507751 ref NP_001062.1	-----	HGELQYLGQIQHILRCGVRKDDRTGTGLSVFG	MQARYSLRD	134
gi	114672493 ref XP_001150558.1	-----	HGELQYLGQIQHILRCGVRKDDRTGTGLSVFG	MQARYSLRD	134
gi	83716002 ref NP_001032905.1	-----	HGELQYLGQIQHILRCGVRKDDRTGTGLSVFG	MQARYSLRD	137
gi	57100565 ref XP_533309.1	-----	HGELQYLGQIQHILRCGVRKDDRTGTGLSVFG	MQARYSLRD	135
gi	73961995 ref XP_849163.1	-----	HGELQYLRQVEHILSCGARKHRTGTGLSVFG	MQARYSLRD	135
gi	46358062 ref NP_067263.1	-----	HGELQYLRQVEHILRCGVRKDDRTGTGLSVFG	MQARYSLRD	128
gi	9507217 ref NP_062052.1	-----	HGELQYLRQVEHILRCGVRKDDRTGTGLSVFG	MQARYSLRD	128
gi	118086858 ref XP_419147.2	-----	GEPOYLQVVRHILQGHKEDRTGTGLSVFG	MQARYSLRD	119
gi	18859519 ref NP_571835.1	-----	LFCDERGLVSLVEFLLQNGARKKEDRTGTGLSVFG	MQARYSLRD	140
gi	30690081 ref NP_195183.2	-----	FDRHEEYHLYLNLVKEIISNGNKKDDRTGTGLSVFG	COMKFNLR	386
gi	15227185 ref NP_179230.1	-----	FDQHEEFLYLNVMVEDIISNGNKKDDRTGTGLSVFG	COMKFNLR	340
gi	115485535 ref NP_001067911.1	-----	FDRHEEYHLYLNLVKEIISNGNKKDDRTGTGLSVFG	COMKFNLR	522
gi	115488458 ref NP_001066716.1	-----	FERHEEYOYLNLVODIIRNGAKKDDRTGTGLSVFG	COMKFNLR	396
gi	118781473 ref XP_311491.3	-----	NGNEEQAYLQLIRDIIINKGSKRLDRTGTGLSVFG	AQMRFLRDG	123
gi	17137556 ref NP_477367.1	-----	PVNRDEMHYLDLRLRIIANGEQRMDDRTGTGLSVFG	SQMRFDNRN	140
gi	50302825 ref XP_451349.1	-----	NAEEQOYLDLCKRIIEGFEFRPDRGTGTGLSVFG	FAPPOLRFLRND	126
gi	45188092 ref NP_984315.1	-----	NAEEQOYLDLCKRIIEGFEFRPDRGTGTGLSVFG	FAPPOLRFLRND	155
gi	83578104 ref NP_014717.2	-----	NKHEEQYLDLCKRIIEGFEFRPDRGTGTGLSVFG	FAPPOLRFLRND	116
gi	19115217 ref NP_594305.1	-----	FTSSEYRNTEEQYLNLRILENGQSRPDRGTGTGLSVFG	FAPPOLRFLRND	436
gi	39944952 ref XP_362013.1	-----	HERHEEYOYLDLCKRIIEGFEFRPDRGTGTGLSVFG	FAPPOLRFLRND	127
gi	85089414 ref XP_957941.1	-----	SKRHEEYOYLDLCKRIIEGFEFRPDRGTGTGLSVFG	FAPPOLRFLRND	159
gi	71993377 ref NP_491532.3	-----	LNQDEYKYLKQVEQILREGTRDDRTGTGLSVFG	MOSKYCLRNG	133
gi	124505475 ref XP_001351479.1	KNSIHPNDFQIYNLKLKMYEYOYLNLIYDIMMNGKSDRTGTGLSVFG	YIMKFDLSQ	429	

.....460.....470.....480.....490.....500.....510.....520.....530.....540.....550.....560.....570.....580.....590.....600



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gi |4507751|ref|NP_001062.1|    YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIIMCAWNPDKLPLMALPPCHALCOFVYVV-----SELSCOLYORSGDMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 255
gi |114672493|ref|XP_001150558.1| YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIIMCAWNPDKLPLMALPPCHALCOFVYVV-----SELSCOLYORSGDMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 255
gi |83716002|ref|NP_001032905.1| YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIILCAWNPDKLPLMALPPCHALCOFVYVV-----SELSCOLYORSGDMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 258
gi |57100565|ref|XP_533309.1|    YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIILCAWNPDKLPLMALPPCHALCOFVYVV-----SELSCOLYORSGDMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 256
gi |73961995|ref|XP_849163.1|    YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIILCAWNPDKLPLMALPPCHALCOFVYVV-----SELSCOLYORSGDMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 256
gi |46358062|ref|NP_067263.1|    YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIIMCAWNPDKLPLMALPPCHALCOFVYVV-----SELSCOLYORSGDMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 249
gi |9507217|ref|NP_062052.1|    YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIIMCAWNPDKLPLMALPPCHALCOFVYVV-----SELSCOLYORSGDMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 249
gi |118086858|ref|XP_419147.2|    YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIIMCAWNPDKLPLMALPPCHALCOFVYVV-----SELSCOLYORSGDMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 240
gi |18859519|ref|NP_571835.1|    YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIIMCAWNPDKLPLMALPPCHALCOFVYVV-----SELSCOLYORSGDMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 261
gi |30690081|ref|NP_195183.2|    YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIIMSAWNPSDLKLMALPPCHMFAQFYVAV-----SELSCOMYORSADMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 507
gi |15227185|ref|NP_179230.1|    YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIIMSAWNPSDLKLMALPPCHMFAQFYVAV-----SELSCOMYORSADMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 461
gi |115485535|ref|NP_001066716.1| YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIILCAWNPDKLPLMALPPCHMFAQFYVAV-----SELSCOMYORSADMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 643
gi |115488458|ref|NP_001066716.1| -----RYTDMHADYVVGKGFGLMDVIDKIKNPPDDRRRIILCAWNPDLKLMALPPCHMFAQFYVAV-----SELSCOMYORSADMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 507
gi |118781473|ref|XP_311491.3|    YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIIMCAWNPDLIPNALPPCHCLAQFFVSD-----SELSCOMYORSADMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 244
gi |17137556|ref|NP_477367.1|    YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIIMSAWNPLDIPKMALPPCHCLAQFFVSEKR-----SELSCOLYORSADMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 263
gi |50302825|ref|XP_451349.1|    YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIILCAWNPDPFKMALPPCHVFFQFVVSFKGEGEA-----KPLRCOLYORSADMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 254
gi |45188092|ref|NP_984315.1|    YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIILCAWNPDPFKMALPPCHVFFQFVVSFKGEGEA-----KPLRCOLYORSADMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 282
gi |83578104|ref|NP_014717.2|    YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIIMSAWNPDVKMALPPCHVFFQFVVSFKGEGEG-----KPLRCOLYORSADMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 246
gi |19115217|ref|NP_594305.1|    YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIILCAWNPDLIPNALPPCHIFCOFVVSSEKCGG-----KPLRCOLYORSADMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 564
gi |39944952|ref|XP_362013.1|    YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIILCAWNPDLIPNALPPCHIFCOFVVSSEKCGG-----KPKGHLLHCOLYORSADMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 275
gi |85089414|ref|XP_957941.1|    YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIILCAWNPDLIPNALPPCHMFAQFYVSGSRTRGGAQONKKEGELDIPPKKPKRGLHCOLYORSADMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 309
gi |71993377|ref|NP_491532.3|    YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIIMSAWNPSDLKLMALPPCHMFAQFYVSD-----SELSCOLYORSADMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 254
gi |124505475|ref|XP_001351479.1| YGFWRHFHFGAAYRDMESDYSGGVDLQKRVDTIKINPDDRRRIILCAWNPDKLPLMALPPCHMFAQFYVSD-----SELSCOMYORSADMGLGVFPFNIAKYALLTYMIAHITGLKPGDFIHTLGDA 550
.....610.....620.....630.....640.....650.....660.....670.....680.....690.....700.....710.....720.....730.....740.....750

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gi |4507751|ref|NP_001062.1|    HIYLNHIIEPLKIC-----LQREPRPFPLKLRILR-----KVEKIDDFKAEQDFIEG-----YNPHPTIKMEMAV----- 313
gi |114672493|ref|XP_001150558.1| HIYLNHIIEPLKIC-----LQREPRPFPLKLRILR-----KVEKIDDFKAEQDFIEG-----YNPHPTIKMEMAV----- 313
gi |83716002|ref|NP_001032905.1| HIYLNHIIEPLKICALMELRGQSSRSLDGGQAGTSRWAPVAIDTERDRCCELQREPRPFPLKLRILR-----KVETIDDFQAEDFQIEG-----YNPHPTIKMEMAV----- 354
gi |57100565|ref|XP_533309.1|    HIYLNHIIEPLKIC-----LQREPRPFPLKLRILR-----RVEKIDDFKAEQDFIEGSAFNKNYSAVNPKFQAEHQS----- 325
gi |73961995|ref|XP_849163.1|    HIYLNHIIEPLKIC-----LQREPRPFPLKLRILR-----RVEKIDDFKAEQDFIEGSAFNKNYSAVNPKFQAEHQS----- 325
gi |46358062|ref|NP_067263.1|    HIYLNHIIEPLKIC-----LQREPRPFPLKLRILR-----KVETIDDFKVEDFQIEG-----YNPHPTIKMEMAV----- 307
gi |9507217|ref|NP_062052.1|    HIYLNHIIEPLKIC-----LQREPRPFPLKLRILR-----KVETIDDFKVEDFQIEG-----YNPHPTIKMEMAV----- 307
gi |118086858|ref|XP_419147.2|    HIYLNHIIEPLKIC-----LQREPRPFPLKLRILR-----KVEDISDFKAEQDFIED-----YNPHPTIKMEMAV----- 298
gi |18859519|ref|NP_571835.1|    HIYLNHIIEPLKIC-----LQREPRPFPLKLRILR-----KVEQIDDFKAEQDFIED-----YDPHPTIKMQMAV----- 319
gi |30690081|ref|NP_195183.2|    HVIYKIHVRPLQEC-----LENPKPFVVLKINP-----EKKQIDSFVSDDFDLTG-----YDPHKKIDMKMAV----- 565
gi |15227185|ref|NP_179230.1|    HVIYKIHVRPLQEC-----LNLKPFPVVKINP-----LKKQIDSFVSDDFDLTG-----YDPHKKIDMKMAV----- 519
gi |115485535|ref|NP_001066716.1| HVIYRTHVRALEEC-----IQKLPKPPVVKINP-----LKKQIDSFVSDDFDLTG-----AKLQPPVITM----- 696
gi |115488458|ref|NP_001066716.1| HVIYRTHVRALEEC-----MRKQKPPVVKINP-----VKKQIDSFVSDDFKLV-----YDPHKKIDMKMAV----- 571
gi |118781473|ref|XP_311491.3|    HVIYLNHIIEPLKIC-----LQREPRPFPLKLRILR-----KVETIDDFKAEQDFIEG-----YNPHPTIKMEMAV----- 302
gi |17137556|ref|NP_477367.1|    HVIYLNHIIEPLKIC-----LQREPRPFPLKLRILR-----QVQIDIEFRFEDFQIVD-----YNPHPTIKMEMAV----- 321
gi |50302825|ref|XP_451349.1|    HVIYKDHVDALRKC-----LAREPRPFPLKLRILR-----NVSDI-----DDFKYEDFEITD-----YNPHPTIKMEMAV----- 312
gi |45188092|ref|NP_984315.1|    HVIYKDHVDALRKC-----LAREPRPFPLKLRILR-----KVTDI-----DDFTLDFFIED-----YNPHPTIKMEMAV----- 340
gi |83578104|ref|NP_014717.2|    HVIYKDHVDALRKC-----LAREPRPFPLKLRILR-----DVKDI-----DDFKYEDFEITD-----YNPHPTIKMEMAV----- 304
gi |19115217|ref|NP_594305.1|    HVIYNDHLEALRKC-----LAREPRPFPLKLRILR-----DAKDI-----IGSDI-----DFVDFAVEG-----YNPHPTIKMEMAV----- 625
gi |39944952|ref|XP_362013.1|    HVIYADHVDALRKC-----LAREPRPFPLKLRILR-----PEVPGDGVIDGKLEDFVIK-----YDPHPTIKMEMAV----- 339
gi |85089414|ref|XP_957941.1|    HVIYLNHIIEPLKIC-----LQREPRPFPLKLRILR-----EKG-----GSDIGKAEQDFVIK-----YDPHPTIKMEMAV----- 368
gi |71993377|ref|NP_491532.3|    HVIYLNHIIEPLKIC-----LQREPRPFPLKLRILR-----DVASIDDFSDMIALDD-----YKCHPKIPMDMAV----- 312
gi |124505475|ref|XP_001351479.1| HVIYLNHIIEPLKIC-----LQREPRPFPLKLRILR-----LNRIYPPFPLKLRILR-----DIKNIEDFTISDFTIQN-----YVHHEKISMMAV----- 608
.....760.....770.....780.....790.....800.....810.....820.....830.....840.....850.....860

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