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                                 *::**.**:*  :   :*   ::  .        :*.. . *: ::*. .*.:** .*****.***: *.:*.********** * ..*.*:  *::.* ..**:**:.:* ****:** :*: :*** ** **** ***::*.*.:*
gi|4502101|ref|NP_000691.1|      MAMVSEFLKQAWFIENEEQEYVQTVKSSKGGPGSAVSPYPTFNPSSDVAALHKAIMVKGVDEATIIDILTKRNNAQRQQIKAAYLQETGKPLDETLKKALTGHLEEVVLALLKTPAQFDADELRAAMKGLGTDEDTLIEILASRTNKEIR   150
gi|114625028|ref|XP_001143668.1| MAMVSEFLKQAWFIENEEQEYVQTVKSSKGGPGSAVSPYPTFNPSSDVAALHKAIMVKGVDEATIIDILTKRNNAQRQQIKAAYLQETGKPLDETLKKALTGHLEEVVLALLKTPAQFDADELRAAMKGLGTDEDTLIEILASRTNKEIR   150
gi|73946797|ref|XP_533524.2|     MAMVSEFLKQAWFIENEEQEYIETVKGSKGGPGSAVSPYPSFNPSSDVAALHNAITVKGVDEATIIDILTKRNNAQRQQIKAAYLQEKGKPLDEALKKALSGHLEEVVLALLKTPAQFDADELRGAMKGLGTDEDTLDEILASRTNKEIR   150
gi|73853762|ref|NP_786978.2|     MAMVSEFLKQAWFIENEEQEYIKTVKGSKGGPGSAVSPYPTFNPSSDVEALHKAITVKGVDEATIIEILTKRNNAQRQQIKAAYLQEKGKPLDEVLKKALLGHLEEVVLALLKTPAQFDAEELRAAMKGLGTDEDTLNEILASRTNREIR   150
gi|124517663|ref|NP_034860.2|    MAMVSEFLKQARFLENQEQEYVQAVKSYKGGPGSAVSPYPSFNVSSDVAALHKAIMVKGVDEATIIDILTKRTNAQRQQIKAAYLQENGKPLDEVLRKALTGHLEEVVLAMLKTPAQFDADELRGAMKGLGTDEDTLIEILTTRSNEQIR   150
gi|6978501|ref|NP_037036.1|      MAMVSEFLKQACYIEKQEQEYVQAVKSYKGGPGSAVSPYPSFNPSSDVAALHKAIMVKGVDEATIIDILTKRTNAQRQQIKAAYLQETGKPLDETLKKALTGHLEEVVLAMLKTPAQFDADELRAAMKGLGTDEDTLIEILTTRSNQQIR   150
gi|46195459|ref|NP_996789.1|     MAMVSEFLKQAWFMDNQEQECIKSSKG-----GSSVQSRPNFDPSADVSALDKAITVKGVDEATIIDILTKRTNAQRQQIKAAYQQAKGKSLEEDLKKVLKSHLEDVVVALLKTPAQFDAEELRASMKGLGTDEDTLIEILASRNNREIR   145
gi|32308156|ref|NP_861423.1|     MSFVSSFLEQLAYQGMQET-TVQDITEVQG----TVKPYAQFNAAADAAVLDKAIKAKGVDEPTIIDTLVHRSNAQRQQIKAAYQQATSKPLDVALKNALKGELEDVVLGLLMTPAQYDAFQLKYAMKGAGTTEDTLIEILASRTNKEIG   145
                                 1.......10........20........30........40........50........60........70........80........90.......100.......110.......120.......130.......140.......150
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                                 : .: *::  *:**  ** ******:.:**: *.*. *.::  *::****.**********:***** .**  ***:*  *:**:.**:* ***: *: *.:***:*****.** .:***.:. * ******  **** * * * * **:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
gi|4502101|ref|NP_000691.1|      DINRVYREELKRDLAKDITSDTSGDFRNALLSLAKGDRSEDFGVNEDLADSDARALYEAGERRKGTDVNVFNTILTTRSYPQLRRVFQKYTKYSKHDMNKVLDLELKGDIEKCLTAIVKCATSKPAFFAEKLHQAMKGVGTRHKALIRIM   300
gi|114625028|ref|XP_001143668.1| DINRVYREELKRDLAKDITSDTSGDFRNALLSLAKGDRSEDFGVNEDLADSDARALYEAGERRKGTDVNVFNTILTTRSYPQLRRVFQKYTKYSKHDMNKVLDLELKGDIEKCLTAIVKCATSKPAFFAEKLHQAMKGVGTRHKALIRIM   300
gi|73946797|ref|XP_533524.2|     EINRVYREELKRDLAKDITSDTSGDYRNALLSLAKGDRSEDFGVNDDLADTDARALYEAGERRKGTDVNVFITILTTRAYPHLRQVFQKYRKYSKHDMNKVLDLEMKGDIEKCLTAIVKCATSKPMFFAEKLHEAMKGSGTRHKTLIRIM   300
gi|73853762|ref|NP_786978.2|     EINRVYREELKRDLAKDIASDTSGDYEKALLSLAKGDRSEELAVNDDLADSDARALYEAGERRKGTDVNVFITILTTRSYPHLRRVFQKYSKYSKHDMNKVLDLELKGDIEKCLTVIVKCATSQPMFFAEKLHQAMKGIGTRHKTLIRIM   300
gi|124517663|ref|NP_034860.2|    EINRVYREELKRDLAKDITSDTSGDFRKALLALAKGDRCQDLSVNQDLADTDARALYEAGERRKGTDVNVFTTILTSRSFPHLRRVFQNYGKYSQHDMNKALDLELKGDIEKCLTTIVKCATSTPAFFAEKLYEAMKGAGTRHKALIRIM   300
gi|6978501|ref|NP_037036.1|      EITRVYREELKRDLAKDITSDTSGDFRNALLALAKGDRCEDMSVNQDLADTDARALYEAGERRKGTDVNVFNTILTTRSYPHLRKVFQNYRKYSQHDMNKALDLELKGDIEKCLTTIVKCATSTPAFFAEKLYEAMKGAGTRHKTLIRIM   300
gi|46195459|ref|NP_996789.1|     EASRYYREVLKKDLTQDIISDTSGDFQKALVILAKGDRCEDPHVNDDLADNDARALYEAGEKRKGTDVNVFITILTSRSYPHLRRAFQKYAKYSKHDMNKVLDLELKGDIENCLTALVKCATSKPAFFAEKLHLAMKGSGTRHKQLIRIM   295
gi|32308156|ref|NP_861423.1|     DIKQVYKQEYKKDLEADIKSDTSGDFRNALLSLCKATRSEDNIVKDDLADKDARALYEAGEKRKGTDCSVFIDILTSRNGPHLRKVFQQYNKYSKVDVAKAIDLELKGDIESCLIAVVKCVSNKPAFFAEKLNLAMKGSGYRGKILTRIL   295
                                 .......160.......170.......180.......190.......200.......210.......220.......230.......240.......250.......260.......270.......280.......290.......300
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                                 *** ***: :**  *:. ** .* * * *: *****.**:****
gi|4502101|ref|NP_000691.1|      VSRSEIDMNDIKAFYQKMYGISLCQAILDETKGDYEKILVALCGGN-   346
gi|114625028|ref|XP_001143668.1| VSRSEIDMNDIKAFYQKMYGISLCQAILDETKGDYEKILVALCGGN-   346
gi|73946797|ref|XP_533524.2|     VSRSEIDMNDIKACYQKLYGVSLCQAILDETKGDYEKILVALCGD--   345
gi|73853762|ref|NP_786978.2|     VSRSEIDMNDIKACYQKLYGISLCQAILDETKGDYEKILVALCGRD-   346
gi|124517663|ref|NP_034860.2|    VSRSEIDMNEIKVFYQKKYGISLCQAILDETKGDYEKILVALCGGN-   346
gi|6978501|ref|NP_037036.1|      VSRSEIDMNEIKVFYQKKYGIPLCQAILDETKGDYEKILVALCGGN-   346
gi|46195459|ref|NP_996789.1|     VSRHEIDLNEIKAYYKSLYGISLRQAIMDELKGDYETILVALCGSDK   342
gi|32308156|ref|NP_861423.1|     VSRSEIDLANIKQEYQKKYGKSLYQDIQDDTKGDYETILLALCGN--   340
                                 .......310.......320.......330.......340.......
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