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                                 *  .          :* :*   :    .:  * :                          .      .:  :   :: *  *** :    **       :   .*::*   :: .*  ::  *   .    **                .
gi|19527352|ref|NP_598883.1|     MAPALL----LVPAALASFILAFGTGVEFVRFTSLRPLLGGIPESGGPDARHG--WLAALQDRSILASLAWDLCLLLLFVVQHSLMATEAVKAWTSRY-FGVLQRSLYVACTALALQLVMRYWETTPRGPVLWEARAEPWATWVPLLCFV   143
gi|47059199|ref|NP_997673.1|     MAPALL----LVPAALASFVLAFGTGVEFVRFTSLRPLLGGIPESGGPDARHG--WLAALQDRSILASLAWDLCLLLLFVVQHSLMATEAVKAWTSRY-FGVLQRSLYVACTALALQLVMRYWEATPRGPVLWEARAEPWATWVPLLCFV   143
gi|25282391|ref|NP_009174.1|     MAPALL----LIPAALASFILAFGTGVEFVRFTSLRPLLGGIPESGGPDARQG--WLAALQDRSILAPLAWDLGLLLLFVGQHSLMAAERVKAWTSRY-FGVLQRSLYVACTALALQLVMRYWEPIPKGPVLWEARAEPWATWVPLLCFV   143
gi|92087048|ref|NP_001035205.1|  MAPALL----LVPAALASFILAFGTGVEFVRFTSLRPLLGGIPESGGPDARQG--WLAALQDRSILAPLAWDLGLLLLFVGQHSLMAAERVKAWTSRY-FGVLQRSLYVACTALALQLVMRYWEPIPKGPVLWEARAEPWATWVPLLCFV   143
gi|57094752|ref|XP_538828.1|     MAPALL----LIPAALASFILAFGTGVEFVRFTSLRPLLGGAPEPGGPDARQG--WLAAVQDRSILVPLAWDLGLLLLFVGQHSLMATEIVKAWMSRY-FGVLQRSLYVACTALALQLVMRYWEPVPRGPVLWEARAEPWATWVPLLCFV   143
gi|83035053|ref|NP_001032685.1|  MAPALL----LIPAALASFILAFGTGVEFVRFTSLRPLLGRISESGSPDARQG--WLAALQDQSILVPLVWDLGLLLLFVGQHSLMATETVKEWMSRY-FGVLQRSLYVACTALALQLVMRYWEPVPRGPVLWETRTEPWATWVPLLCFV   143
gi|113681160|ref|NP_001038660.1| MASVTFRDGFLCVSALITFVFVFVTGADFVRFVSFRAINHNLS-GAAPLCRDSVPWSVALRDGVVQKAVAVDVLLLVVFSLQHSLLAWTPVKRVCQSV-FGVLSRSVYCFTTAAALQILMHYWRPVTSAPCLWSVSSAPWEIWFPLICFI   148
gi|21358557|ref|NP_650646.1|     MTSIAKS--IVLLASLATFAYSLYVVGSLMMFLSTPRSISKAHTWIFNLLDNKS------RLQTAYGPVVFDTLYLIGFIFQHSFLKSAVVKKLLAKLGLSGAERTIYSLTSSLCLHYLIVNWL-PAQSIVLWQIDVEQSAPLW-WTFVI   140
gi|118787088|ref|XP_315842.3|    MISFKQL--VCFLLSLLSFMSVFYSVGKLGIFLATPSRAQPTATQAF--PATRA------ELRATLFPLFFNTIWVVLFVLQHSGMRAERVKRLWKAIGLELAERSLYNIASSYCLLLLLKNWQTPSTQYRLWFFEVETNRTLW-WLLVG   139
                                 1.......10........20........30........40........50........60........70........80........90.......100.......110.......120.......130.......140.......150
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                                  * :.* :: .  *:.* .**:*:*:.**    . *:  **     : : ***  * *  :*:    :  :* ::*.. : *: ** .  : *  * : **..*   :
gi|19527352|ref|NP_598883.1|     LHVVSWLLIFSILLVFDYAELMGLKQVYYHVLGLGEPLSLKSPRALRLFSHLRHPVCVELLTVLWVVPTLGTDRLLLALLFTLYLGLAHGLDQQDLRYLRSQLQRKLHLLSRPQDGEAE--------   262
gi|47059199|ref|NP_997673.1|     LHVVSWLLIFSILLVFDYAELMGLKQVYYHVLGLGEPLSLKSPRALRLFSHLRHPVCVELLTVLWVVPTLGTDRLLLALLFTLYLGLAHGLDQQDLRYLRSQLQRKLQLLSRPQDGEAE--------   262
gi|25282391|ref|NP_009174.1|     LHVISWLLIFSILLVFDYAELMGLKQVYYHVLGLGEPLALKSPRALRLFSHLRHPVCVELLTVLWVVPTLGTDRLLLAFLLTLYLGLAHGLDQQDLRYLRAQLQRKLHLLSRPQDGEAE--------   262
gi|92087048|ref|NP_001035205.1|  LHVISWLLIFSILLVFDYAELMGLKQVYYHVLGLGEPLALKSPRALRLFSHLRHPVCVELLTVLWVVPTLGTDRLLLAFLLTLYLGLAHGLDQQDLRYLRAQLQRKLHLLSRPQDGEAE--------   262
gi|57094752|ref|XP_538828.1|     LHVISWLLIFSILLVFDYAELMGLKQVYYHVLGLGEPLALKSPRALRLFSHLRHPVCVELLMVLWVVPTLGTDRLLLALLLTLYLGLAHGLDQQDLRYLRAQLQRKLHLLSRPQEGEAE--------   262
gi|83035053|ref|NP_001032685.1|  LHVISWLLIFSILLVFDYAELMGLKQVYYHVLGLGEPLALKSPRALRLFSHLRHPVCVELLTVLWVVPTLGTDRLLLALLLTLYLGLAHGLDQHDLRYLRAQLQRKLHLLSRPQDGEAE--------   262
gi|113681160|ref|NP_001038660.1| VHFLCWAIICSILLIFDYPELLGIKQVYYECLGLGDPLLLKSERAQRLYSHLRHPVCVELLTVLWLLPSFPLDRLLLAVFLTVYLILAHSLDKQDCAYLRHQLRNKLQLFSTPLEGSEQTNDNNKLE   275
gi|21358557|ref|NP_650646.1|     THGICWVVIFGGSLVMDLPELLGVKQAYYDLKAYGPPISYKSGELRNLYAHVRHPSFVGLSVILFATNVMSVDRLVMALLLTTYMYLAWSTDQKDVAYQKIQLQRKKLELKAK-------------   253
gi|118787088|ref|XP_315842.3|    SHVLSWIVVYGGSLMVDLPELIGLKHVYYDINDLAPPMSYKSRDLQDYYKRYRHPSFVALSVVLWFTNGMTLERCLLAVVWSVYMYLAWNTTEADLKYQKHQLERKRAELVRVTK------------   254
                                 .......160.......170.......180.......190.......200.......210.......220.......230.......240.......250.......260.......270.......
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