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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              
gi|48475052|ref|NP_003004.1|      -MLQGPGSLLLLFLASHCCLGSARGLFLFGQPDFSYKRSNCKPIPANLQLCHGIEYQNMRLPNLLGHETMKEVLEQAGAWIPLVMKQCHPDTKKFLCSLFAPVCLDDLDETIQPCHSLCVQVKDRCAPVMSAFGFPWPDMLECDRFPQDN   149
gi|114596443|ref|XP_001155803.1|  -MLQGPGSLLLLFLASHCCLGSARGLFLFGQPDFSYKRSNCKPIPANLQLCHGIEYQNMRLPNLLGHETMKEVLEQAGAWIPLVMKQCHPDTKKFLCSLFAPVCLDDLDETIQPCHSLCVQVKDRCAPVMSAFGFPWPDMLECDRFPQDN   149
gi|6677895|ref|NP_033170.1|       -MPRGPASLLLLVLASHCCLGSARGLFLFGQPDFSYKRSNCKPIPANLQLCHGIEYQNMRLPNLLGHETMKEVLEQAGAWIPLVMKQCHPDTKKFLCSLFAPVCLDDLDETIQPCHSLCVQVKDRCAPVMSAFGFPWPDMLECDRFPQDN   149
gi|27692082|ref|XP_227314.1|      -MLRGPASLLLLVLASHCCLGSARGLFLFGQPDFSYKRSNCKPIPANLQLCHGIEYQNMRLPNLLGHETMKEVLEQAGAWIPLVMKQCHPDTKKFLCSLFAPVCLDDLDETIQPCHSLCVQVKDRCAPVMSAFGFPWPDMLECDRFPQDN   149
gi|77735741|ref|NP_001029565.1|   -MLQGPGSLLLIVLASHCCLGSARGLF-FGQSDFPYKRSNCKPIPANLQLCHGIEYQNMRLPNLLGHETMKEVLEQAGAWIPLVMKQCHPDTKKFLCSLFAPVCLDDLDETIQPCHSLCVQVKDRCAPVMSAFGFPWPDMLDCDRFPQDN   148
gi|73976670|ref|XP_532695.2|      ----------------------------------------------------------MRLLNLLGHETMKEVLEQAGAWIPLVMKQCHPDTKKFLCSLFAPVCLDDLDETIQPCHSLCVQVKDRCAPVMSAFGFPWPDMLECDRFPQDN    92
gi|45382119|ref|NP_990104.1|      ----MPRRLCALLLLASQCLGSTAGLFPFGEPDFSYKRSNCKPIPAPMLLCRGIEYQSMRLPNLLGHETVQEVLEQATTWIPLVQKQCHPDTRKFLCSLFAPVCIDDLDEIIQPCHSLCEEVKESCAPVMSAFGFPWPDMLDCSRFPKDN   146
gi|116517264|ref|NP_001070852.1|  ---MRAYLALLVALSIPGYLDALHGLYAFDQPELFQKKSNCKPIPTNLLLCHDIEYTNMRLPNLLGHETMNEVLQQASSWTPLVQKQCHPDTKKFLCSLFAPVCLDDLDEPIQPCRSLCESVKSGCAPVMAAFGFPWPDMLDCRRFPLDN   147
gi|115534386|ref|NP_500977.2|     MMLFPVLYILFAFSVTNGYLEDSWAMFSSERP----VGPKCVDIPSNLSICNGIEYTQMRLPNILEHETVSEAIHASKDWESLLRLNCHPDTQRFLCSLFAPVCLMQMDRLILPCKSLCMAVKQGCENRMANYGFPWPEMLSCEKFE-DD   145
                                  1.......10........20........30........40........50........60........70........80........90.......100.......110.......120.......130.......140.......150
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                                  *:**     .           . .* **.     :* ::: :*:..:.** ** . :    . ::    . *   : .* ::: :::      ...  *    *: :   :: .::  *: : . :  *** :: ***  :.::*:*
gi|48475052|ref|NP_003004.1|      DLCIPLASSDHLLPATEEAPKVCEACKNKNDDDNDIMETLCKNDFALKIKVKEITYINRDTKIILETKSKTIYKLNG-VSERDLKKSVLWLKDSLQCTCEEMNDINAPYLVMGQKQGGELVITSVKRWQKGQREFKRISRSIRKLQC---   295
gi|114596443|ref|XP_001155803.1|  DLCIPLASSDHLLPATEEAPKVCEACKNKNDDDNDIMETLCKNDFALKIKVKEITYINRDTKIILETKSKTIYKLNG-VSERDLKKSVLWLKDSLQCTCEEMNDINAPYLVMGQKQGGELVITSVKRWQKGQREFKRISRSIRKLQC---   295
gi|6677895|ref|NP_033170.1|       DLCIPLASSDHLLPATEEAPKVCEACKTKNEDDNDIMETLCKNDFALKIKVKEITYINRDTKIILETKSKTIYKLNG-VSERDLKKSVLWLKDSLQCTCEEMNDINAPYLVMGQKQGGELVITSVKRWQKGQREFKRISRSIRKLQC---   295
gi|27692082|ref|XP_227314.1|      DLCIPLASSDHLLPPTEEAPKVCEACKTKNEDDNDIMETLCKNDFALKIKVKEITYINRDTKIILETKSKTIYKLNG-VSDRDLKKSVLWLKDSLQCTCEEMNDINAPYLVMGQKQGGELVITSVKRWQKGQREFKRISRSIRKLQC---   295
gi|77735741|ref|NP_001029565.1|   DLCIPLASSDHLLPATEEAPKVCEACKTKNEDDNDIMETLCKNDFALKIKVKEITYINRDTKIILETKSKTIYKLNG-VSEKDLKKSVLWLKDSLQCTCEEMNDINAPYLVMGQKLGGELVITSVKRWQKGQREFKRISRSFRKLQC---   294
gi|73976670|ref|XP_532695.2|      DLCIPLASSDHLLPATEEAPKVCEACKNKNEDDNDIMETLCKNDFALKIKVKEITYINRDTKIILETKSKTIYKLNG-VSERDLKKSVLWLKDSLQCTCEEMNDINAPYLVMGQKLGGELVITSVKRWQKGQREFKRISRSIRKLQC---   238
gi|45382119|ref|NP_990104.1|      DLCIPLASSDHILPVTREAPKVCDACKNKNEDDNDIMENLCKNDFALKIKVKEIAYINGDTKITPETKSKTIYKLNG-LTERDLRKIVLWLKGGLQCTCDEMNDINVPYLVMGQKQAGELVITSLKRWQKGQRAFKRFSRSIRKLQC---   292
gi|116517264|ref|NP_001070852.1|  DLCIPPAGADALVPVTKEVPRVCDACKEKPENDNEIVDSLCKNDFALKIKVKEISYMNGDTKIIPETKSKMIYKTNGGVTDHDFRKTVLWLKDGLQCVCDELNDINAAYLVMGQKMDGNLVITSVKRWQKGQREFKRISRSIRKLQC---   294
gi|115534386|ref|NP_500977.2|     DMCIKPMQPAKPP---AGSSTTCTACSQVATYEN-LVDQFCRSHLVLKAKVIRDSPT--HIRVRNGRSLKKGERRRG-VSDVEIRLSSE-SDGSCPCNIPVKNQNEKLLVMASRQPDGKYLANLVLPWQK-EKNFKRAIHQFQRLNCQSL   286
                                  .......160.......170.......180.......190.......200.......210.......220.......230.......240.......250.......260.......270.......280.......290.......300
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gi|48475052|ref|NP_003004.1|      ----------------------------   295
gi|114596443|ref|XP_001155803.1|  ----------------------------   295
gi|6677895|ref|NP_033170.1|       ----------------------------   295
gi|27692082|ref|XP_227314.1|      ----------------------------   295
gi|77735741|ref|NP_001029565.1|  ----------------------------   294
gi|73976670|ref|XP_532695.2|      ----------------------------   238
gi|45382119|ref|NP_990104.1|      ----------------------------   292
gi|116517264|ref|NP_001070852.1|  ----------------------------   294
gi|115534386|ref|NP_500977.2|     GREIRESASRRPHYYEMRRHNTGRYQMF   314
                                  .......310.......320........
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