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gi|27228982|ref|NP_077136.2|      ------------------------------------------------------------------------------------------------------------------------------------------------------
gi|109488765|ref|XP_340875.3|     ------------------------------------------------------------------------------------------------------------------------------------------------------
gi|16554604|ref|NP_057154.2|      ------------------------------------------------------------------------------------------------------------------------------------------------------
gi|114669508|ref|XP_511903.2|     ------------------------------------------------------------------------------------------------------------------------------------------------------
gi|114051275|ref|NP_001039657.1| ------------------------------------------------------------------------------------------------------------------------------------------------------
gi|73966669|ref|XP_852355.1|      MVFLVYNKANNSYRLAPRRSEAASLPPREHLRAAAPRRARGLEVLRGRHPRGAGTAPSRAPVPGLGPLRGVCGPQQDEAPSGPSAGATGRLRLTRVRARLAPPTSVVYCFCPALARSRPFRLGYRVLRSEPGRGPRAAPVRPILCFCLAW   150
gi|50758414|ref|XP_415911.1|      ------------------------------------------------------------------------------------------------------------------------------------------------------
gi|57525672|ref|NP_001003615.1|  ------------------------------------------------------------------------------------------------------------------------------------------------------
                                  1.......10........20........30........40........50........60........70........80........90.......100.......110.......120.......130.......140.......150
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gi|27228982|ref|NP_077136.2|      ** **:: *::*:*.*:*:* **::   **:*:*:* :*** :**::: **      .      : * **.:****:  **.* :.::*  **: *:**:** ** **:.
gi|109488765|ref|XP_340875.3|     ----------------------------------------MAGSRLETVGSVFSRTRDLMRAGVLKE--KPLWYDIYKAFPPLREPVFRRPRLRYGKAKADIQDIFYQEDQIRAKFFATYGSGQKAFDLFNPNFKSTCQRFVEKYTELQN   108
gi|16554604|ref|NP_057154.2|      ----------------------------------------MAGSRLETVGSVFSRTRDLMRAGVLKE--KPLWYDIYKAFPPLKEPVFRRPRLRYGKAKADIQDIFYREDQIRAKFFSTYGSGHKAIDLFNPNFKSTCQRFVEKYTELQS   108
gi|114669508|ref|XP_511903.2|     ----------------------------------------MAGSRLETVGSIFSRTRDLVRAGVLKE--KPLWFDVYDAFPPLREPVFQRPRVRYGKAKAPIQDIWYHEDRIRAKFYSVYGSGQRAFDLFNPNFKSTCQRFVEKYTELQK   108
gi|114051275|ref|NP_001039657.1| ----------------------------------------MAGSRLETVGSIFSRTRDLVRAGVLKE--KPLWFDVYDAFPPLREPVFQRPRVRYGKAKAPIQDIWYHEDRIRAKFYSVYGSGQRAFDLFNPNFKSTCQRFVEKYTELQK   108
gi|73966669|ref|XP_852355.1|      LSGGGCGESAAILGSASGLSPAAGASASGSPRPSASEAPGMARSRLETVGSIFSRTRDLIRAGVLKE--KPLWFDVYDAFPPLREPVFRRPRLRYGKAKAAIQDILYPEDRIRAKFYSAYGSGQKAFDLFNPNFKSTCQQFVEKYIELQK   298
gi|50758414|ref|XP_415911.1|      ----------------------------------------MAGSRMQKTGSVFSRTRNLLRIGVIQ---KPLWFDVYATFPPLREPLYRVPRPRYGKVTDDVPPIFYREDEVRAKFYRIYGSGPKPFDLSQPNYKSTCQRFVEKYNELKE   107
gi|57525672|ref|NP_001003615.1|  ----------------------------------------MAGSRLEKFGTVFTRVRDLLRAGVLKPDEKPIWYDVYAAFPPKKEPLYQKPRRPRVPAADPVPQLFYKEDEIRAKFFEVYGNGPKAFELLMPNFISSCQKFVMKYSELES   110
                                  .......160.......170.......180.......190.......200.......210.......220.......230.......240.......250.......260.......270.......280.......290.......300
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                                  *. . * ** *:.****:.*: *::                     .          ::    :      .    .
gi|27228982|ref|NP_077136.2|      LGETDEEKLFVETGKALLAEGIILRRVREART--------------VSVRLQASSEGHEPQEDDDLAQRGQVKQEPETAPSPP   177
gi|109488765|ref|XP_340875.3|     LGETDEEKLFVETGKALLAEGVILRRV-------------------NVRLQSSSEGNDPLEEDGQKQRVQVKQEPETASSPP   171
gi|16554604|ref|NP_057154.2|      LGETDEEKLFVETGKALLAEGVILRRVGEARTQHGGSH-VSRKSEHLSVRPQTALEENETQKEVPQDQHLEAPADQSKGLLPP   190
gi|114669508|ref|XP_511903.2|     LGETDEEKLFVETGKALLAEGVILRRVGEARTQHGGSH-VSRKSEHLSVRPQTALEENETQKEVPQDQHLEAPADQSKGLSPP   190
gi|114051275|ref|NP_001039657.1| LGETDEEKLFVEAGKALLAEGVILRRVEKARTQQEGSQ-VSRKSESMGVESQTALEENPPLKEVPQAQHLESPGEESKGLSPP   190
gi|73966669|ref|XP_852355.1|      LGETDEEKLFVETGKALLAEGVILRRVGEARTHKEGSH-VSWKSEPKDAEPQTVLEKKQPLQEVPQDQNSEASEEQSKGLSPP   380
gi|50758414|ref|XP_415911.1|      EGKIEEENLFEETGKALLASGIILQRRGTDKVAQQDHQDAEARDSVLRLQLQTVLEELQEKKESQEEQMPELRETQKENPSS-   189
gi|57525672|ref|NP_001003615.1|  RGDIKPELLFEETAKALLSEGIYLRKRGGPVVAPESRD------PLLSMKLTDMLAEQQKDKETNIPEKQPEAETLNPDSQTS   187
                                  .......310.......320.......330.......340.......350.......360.......370.......380...
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