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                                 ****:*******************:****** * ********************************** *******.:*******:***:**.*** **:**** **:.:*************:*********:.* *** ***:*
gi|31543974|ref|NP_061223.2|     MTMDKSELVQKAKLAEQAERYDDMAAAMKAVTEQGHELSNEERNLLSVAYKNVVGARRSSWRVISSIEQKTERNEKKQQMGKEYREKIEAELQDICNDVLELLDKYLILNATQAESKVFYLKMKGDYFRYLSEVASGENKQTTVSNSQQA   150
gi|9507243|ref|NP_062250.1|      MTMDKSELVQKAKLAEQAERYDDMAAAMKAVTEQGHELSNEERNLLSVAYKNVVGARRSSWRVISSIEQKTERNEKKQQMGKEYREKIEAELQDICSDVLELLDKYLILNATHAESKVFYLKMKGDYFRYLSEVASGDNKQTTVSNSQQA   150
gi|21328448|ref|NP_647539.1|     MTMDKSELVQKAKLAEQAERYDDMAAAMKAVTEQGHELSNEERNLLSVAYKNVVGARRSSWRVISSIEQKTERNEKKQQMGKEYREKIEAELQDICNDVLELLDKYLIPNATQPESKVFYLKMKGDYFRYLSEVASGDNKQTTVSNSQQA   150
gi|73992048|ref|XP_852754.1|     --MDKSELVQKAKLAEQAERYDDMAAAMKAVTEQGHELSNEERNLLSVAYKNVVGARRSSWRVISSIEQKTERNEKKQQMGKEYREKIEAELQDICNDVLELLDKYLIPNATQPESKVFYLKMKGDYFRYLSEVASGDNKQTTVSNSQQA   150
gi|115432055|ref|NP_777219.2|    MTMDKSELVQKAKLAEQAERYDDMAAAMKAVTEQGHELSNEERNLLSVAYKNVVGARRSSWRVISSIEQKTERNEKKQQMGKEYREKIEAELQDICNDVLELLDKYLIPNATQPESKVFYLKMKGDYFRYLSEVASGDNKQTTVSNSQQA   150
gi|57529350|ref|NP_001006289.1|  --MDKSELVQKAKLAEQAERYDDMAAAMKAVTEQGHELSNEERNLLSVAYKNVVGARRSSWRVISSIEQKTERNEKKQQMGREYREKIEAELQDICNDVLELLDKYLIVNATQPESKVFYLKMKGDYYRYLSEVASGDNKQTTVANSQQA   150
gi|47085905|ref|NP_998310.1|     --MDKSDLVQKAKLAEQAERYDDMAAAMKAVTEGGVELSNEERNLLSVAYKNVVGARRSSWRVISSIEQKTEGNEKKQQMAREYREKIETELQDICSDVLGLLEKYLIANASQAESKVFYLKMKGDYYRYLSEVASGDSKATTVENSQKA   150
gi|292617128|ref|XP_002663250.1| --MDKSDLVQKAKLAEQAERYDDMAAAMKAVTEGGVELSNEERNLLSVAYKNVVGARRSSWRVISSIEQKTEGNEKKQQMAREYREKIETELQDICSDVLGLLEKYLIANASQAESKVFYLKMKGDYYRYLSEVASGESKATTVENSQKA   150
gi|229606068|ref|NP_001076267.1| --MDKSDLVQKAKLAEQAERYDDMAASMKAVTEGGVELSNEERNLLSVAYKNVVGARRSSWRVISSIEQKTEGNEKKQQMAREYREKIEAELQEICNDVLGLLEKYLIPNASQAESKVFYLKMKGDYYRYLSEVASGDSKRTTVENSQKA   150
                                 1.......10........20........30........40........50........60........70........80........90.......100.......110.......120.......130.......140.......150
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                                 **:**:****:************************:**:**.******************:************************:*  ***.**
gi|31543974|ref|NP_061223.2|     YQEAFEISKKEMQPTHPIRLGLALNFSVFYYEILNSPEKACSLAKTAFDEAIAELDTLNEESYKDSTLIMQLLRDNLTLWTSENQGDEGDAGEGEN   246
gi|9507243|ref|NP_062250.1|      YQEAFEISKKEMQPTHPIRLGLALNFSVFYYEILNSPEKACSLAKTAFDEAIAELDTLNEESYKDSTLIMQLLRDNLTLWTSENQGDEGDAGEGEN   246
gi|21328448|ref|NP_647539.1|     YQEAFEISKKEMQPTHPIRLGLALNFSVFYYEILNSPEKACSLAKTAFDEAIAELDTLNEESYKDSTLIMQLLRDNLTLWTSENQGDEGDAGEGEN   246
gi|73992048|ref|XP_852754.1|     YQEAFEISKKEMQPTHPIRLGLALNFSVFYYEILNSPEKACSLAKTAFDEAIAELDTLNEESYKDSTLIMQLLRDNLTLWTSENQGDEGDAGEGEN   246
gi|115432055|ref|NP_777219.2|    YQEAFEISKKEMQPTHPIRLGLALNFSVFYYEILNSPEKACSLAKTAFDEAIAELDTLNEESYKDSTLIMQLLRDNLTLWTSENQGDEGDAGEGEN   246
gi|57529350|ref|NP_001006289.1|  YQEAFEISKKEMQPTHPIRLGLALNFSVFYYEILNSPEKACNLAKTAFDEAIAELDTLNEESYKDSTLIMQLLRDNLTLWTSENQGDEGDAGEGEN   246
gi|47085905|ref|NP_998310.1|     YQDAFDISKKDMQPTHPIRLGLALNFSVFYYEILNSPENACQLAKTAFDEAIAELDTLNEDSYKDSTLIMQLLRDNLTLWTSENQGEE--AGENEN   246
gi|292617128|ref|XP_002663250.1| YQDAFDISKKDMQPTHPIRLGLALNFSVFYYEILNSPENACQLAKTAFDEAIAELDTLNEDSYKDSTLIMQLLRDNLTLWTSENQGEE--AGENEN   246
gi|229606068|ref|NP_001076267.1| YQDAFEISKKEMQPTHPIRLGLALNFSVFYYEILNTPEQACSLAKTAFDEAIAELDTLNEDSYKDSTLIMQLLRDNLTLWTSENQGDEGDAGEGEN   246
                                 .......160.......170.......180.......190.......200.......210.......220.......230.......240......
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