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                                 *::.*   :.  :..  .:*:*  *:***:*.:*  :** :.*:::**:**:****    :..   *:* **:** ::*  *.*:. *: ** *  * * *.***:* **:*** * *.*:*::*.********::::  .**:*:* :
gi|31560598|ref|NP_034237.2|     MEFLWAPLLG--LCCSLAAADRHIVFWNSSNPKFREEDYTVHVQLNDYLDIICPHYEDDSVADAAMERYTLYMVEHQEYVACQPQSKDQVRWNCNRPSAKHGPEKLSVKFQRFTPFILGKEFKEGHSYYYISKPIYHQESQCLKLKVTVN   150
gi|61889105|ref|NP_446051.2|     MEFLWAPLLG--LCCSLAAADRHIVFWNSSNPKFREEDYTVHVQLNDYLDIICPHYEDDSVADAAMERYTLYMVEHQEYVTCEPQSKDQVRWKCNQPSAKHGPEKLSEKFQRFTPFTLGKEFKEGHSYYYISKPIYHQETQCLKLKVTVN   150
gi|33359682|ref|NP_004419.2|     MEFLWAPLLG--LCCSLAAADRHTVFWNSSNPKFRNEDYTIHVQLNDYVDIICPHYEDHSVADAAMEQYILYLVEHEEYQLCQPQSKDQVRWQCNRPSAKHGPEKLSEKFQRFTPFTLGKEFKEGHSYYYISKPIHQHEDRCLRLKVTVS   150
gi|114559983|ref|XP_001141980.1| MEFLWAPLLG--LCCSLVSADRHTVFWNSSNPKFRNEDYTIHVQLNDYVDIICPHYEDHSVADAAMEQYILYLVEHEEYQLCQPQSKDQVRWQCNRPSAKHGPEKLSEKFQRFTPFTLGKEFKEGHSYYYISKPIHQHEDRCLRLKVTVS   150
gi|77735537|ref|NP_001029464.1|  MEFFWASLLG--LCCSLAAANRHTVFWNSSNPKFWNEDYTVHVRIDDYLDIICPHYEDNSVPDAAMEQYTLYLVEHEQYQLCQPQPKDHARWFCKSPKAKHGPEKLSEKFHRFTGFTLSKDFKEGHSYYYISKPIHHQEDRCLRLKVMIA   150
gi|73960988|ref|XP_852071.1|     MEFLWAPLLG--LCCSLAAADRHTVFWNSSNPKFRNEDYMVHVRLNDYLDIICPHYEDDAVADTAMERYTLYLVEHEQYQLCQPQSKDQVRWQCNQPSARHGPEKLSEKFQRFTPFTLGKEFKEGHSYYYISKPIHHQEDRCLKLKVTVS   150
gi|41053453|ref|NP_956891.1|     MDLVWLLYIAASICAVFASAERLTVFWNSTNSKFRWDDYAVEVRLNDYLDIVCPHYPLGEVPSQDAERYVLYMVEREDYDTCRPQSYDQMRWECGHPFAPHAPEKFSEKFQRFTPFTLGKEFRQGESYYYISKPLHHHGQECLRLRVDVI   150
gi|42476218|ref|NP_957077.2|     MDFLWLLCVAVSVSAWYASAERHSVYWNSTNANFLWDDYTVDVRINDYLDIICPHYAHGEIASQEAERYVLYMVELEDYENCKPHSFDQLRWECSRPFAPHAPEKFSEKFQRFTPFTLGKEFRQGESYYYISKPLHHHGQECLRLKVDVV   150
                                 1.......10........20........30........40........50........60........70........80........90.......100.......110.......120.......130.......140.......150
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                                 .          :  .      .  :  .:** ****     * :*    :.  : .     * .                                                                          *: .
gi|31560598|ref|NP_034237.2|     G------------KITHNP----QAHVNPQEKRLQADDPEVQ---VLHSIGYSAAPRLFPLVWAVLLLP-------------------------------------------------------------------LLLLQSQ----   300
gi|61889105|ref|NP_446051.2|     G------------KITHSP----HAHANPQEKRLQADDPEVQ---VLHSIGHSAAPRLFPLVWAVLLLP-------------------------------------------------------------------LLLLQTQ----   300
gi|33359682|ref|NP_004419.2|     G------------KITHSP----QAHDNPQEKRLAADDPEVR---VLHSIGHSAAPRLFPLAWTVLLLP-------------------------------------------------------------------LLLLQTP----   300
gi|114559983|ref|XP_001141980.1| G------------KITHSP----QAHDNPQEKRLAADDPEVR---VLHSIGDSAAPRLFPLGISYHLAASNRVSIKGVIRKEANQPGSAIPTFTSEGWRKKWRQSFSSIPAFKPKKQAVQTWSLKAQWELSWKGPRGWAKLVKDAPSRRE   300
gi|77735537|ref|NP_001029464.1|  G------------KITHSP----QAHPNAQEKRLPADDPEVQ---VLHSIGHSAAPRLFPLAWAVLLLP-------------------------------------------------------------------FLLLQIP----   300
gi|73960988|ref|XP_852071.1|     G------------KITHSP----QAHANPQEKRLLADDPEIQ---VLHSIGHSAAPRLFPLAWVVLLLP-------------------------------------------------------------------FLLLQTP----   300
gi|41053453|ref|NP_956891.1|     ANDGSQEAR--VGQGTKVG---TGGGAHTPSNRLPADDPVVALPEVQKSTRTNSAISLASWTVLTTLLP-------------------------------------------------------------------LLLLLLLQ------   300
gi|42476218|ref|NP_957077.2|     GPHGSKNKKKMVEKVEEIEGKMAAGGVHNPSNRLPADDPIAMIPVVQRSVGS-SGVSVAPISSFVTLLS-------------------------------------------------------------------VFICLVLHQAS---   300
                                 .......160.......170.......180.......190.......200.......210.......220.......230.......240.......250.......260.......270.......280.......290.......300
```

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gi|31560598|ref|NP_034237.2|     ----------------------------------------------------   354
gi|61889105|ref|NP_446051.2|     ----------------------------------------------------   354
gi|33359682|ref|NP_004419.2|     ----------------------------------------------------   354
gi|114559983|ref|XP_001141980.1| PGTGKALGGERREFRFGVGGRVGLRRSFRRDGPSVRGRSRVRGAGLQSRRSGLQ   354
gi|77735537|ref|NP_001029464.1|  ----------------------------------------------------   354
gi|73960988|ref|XP_852071.1|     ----------------------------------------------------   354
gi|41053453|ref|NP_956891.1|     ----------------------------------------------------   354
gi|42476218|ref|NP_957077.2|     ----------------------------------------------------   354
                                 .......310.......320.......330.......340.......350....
```