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gi|4502105|ref|NP_001144.1|      MAMATKG--GTVKAASGFNAMEDAQTLRKAMKGLGTDEDAIISVLAYRNTAQRQEIRTAYKSTIGRDLIDDLKSELSGNFEQVIVGMMTPTVLYDVQELRRAMKGAGTDEGCLIEILASRTPEEIRRISQTYQQQYGRSLEDDIRSDTSF   148
gi|114577902|ref|XP_001139581.1| MAMATKG--GTVKAASGFNAVEDAQTLRKAMKGLGTDEDAIISVLAYRNTAQRQEIRTAYKSTIGRDLIDDLKSELSGNFEQVIVGMMTPTVLYDVQELRRAMKGAGTDEGCLIEILASRTPEEIRRISQTYQQQYGRSLEDDIRSDTSF   148
gi|7304889|ref|NP_038499.1|      --MEAKG--GTVKAASGFNATEDAQTLRKAMKGLGTDEDAIIGILAYRNTAQRQEIRSAYKSTIGRDLIEDLKSELSSNFEQVILGLMTPTVLYDVQELRRAMKGAGTDEGCLIEILASRTPEEIRRINQTYQQQYGRSLEEDICSDTSF   146
gi|55742832|ref|NP_077069.3|     --METKG--GTVKAASGFNATEDAQVLRKAMKGLGTDEDAIIGVLACRNTAQRQEIRTAYKSTIGRDLLEDLKSELSSNFEQVILGMMTPTVLYDVQELRRAMKGAGTDEGCLIEILASRNPEEIRRINQTYQQQYGRSLEEDICSDTSF   146
gi|48374083|ref|NP_001001440.2| --MAAKG--GTVKAASGFNAAEDAQTLRKAMKGLGTDEDAIINVLAYRSTAQRQEIRTAYKTTIGRDLMDDLKSELSGNFEQVILGMMTPTVLYDVQELRKAMKGAGTDEGCLIEILASRTPEEIRRINQTYQLQYGRSLEDDIRSDTSF   146
gi|73968795|ref|XP_855558.1|     ------------------------------------------------------------MDDLKSELSGNFERVIVGMMTPTVLYDVQELRRTMKGAGTDEGCLIEILASRTPEELRRINQTYQLQYGRSLEDDIRSDTSF    82
gi|125813041|ref|XP_001331811.1| --MAALGNRGTVTEASGFKPEDDAQKIYNAMKGAGTNEATIIEILAHRTIAQRQKIKEAFKLSVGKELMDCLKSELTGNFEKVVVGLMMPAAVYDAHELRNAIKGAGTEEACLIDILASRSNAEIKEIVAAYKKEHDKSLEDDICGDTSG   148
                                 1.......10........20........30........40........50........60........70........80........90.......100.......110.......120.......130.......140.......150
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                                 ******* * :.****.. :*:*   ***:::***** :*********::** *******:**:**:: : :***:*** * ***:**.:******::.*.::***:********** *..***:**:******:**:  * ::***:*:
gi|4502105|ref|NP_001144.1|      MFQRVLVSLSAGGRDEGNYLDDALVRQDAQDLYEAGEKKWGTDEVKFLTVLCSRNRNHLLHVFDEYKRISQKDIEQSIKSETSGSFEDALLAIVKCMRNKSAYFAEKLYKSMKGLGTDDNTLIRVMVSRAEIDMLDIRAHFKRLYGKSLY   298
gi|114577902|ref|XP_001139581.1| MFQRVLVSLSAGGRDEGNYLDDALVRQDAQDLYEAGEKKWGTDEVKFLTVLCSRNRNHLLHVFDEYKRISQKDIEQSIKSETSGSFEDALLAIVKCMRNKSAYFAEKLYKSMKGLGTDDNTLIRVMVSRAEIDMLDIRAHFKRLYGKSLY   298
gi|7304889|ref|NP_038499.1|      MFQRVLVFLSAAGRDEGNYLDDALMKQDAQELYEAGEKRWGTDEVKFLSILCSRNRNHLLHVFDEYKRISQKDIEQSIKSETSGSFEDALLAIVKCMRSKPSYFAERLYKSMKGLGTDDNTLIRVMVSRAEIDMLDIRASFKRLYGKSLY   296
gi|55742832|ref|NP_077069.3|     MFQRVLVSLTAGGRDEGNYLDDALVKQDAQDLYEAGEKRWGTDEVKFLSILCSRNRNHLLHVFDEYKRISQKDIEQSIKSETSGSFEDALLAIVKCMRNKPAYFAERLYKSMKGLGTDDSTLIRVMVSRAEIDMLDIRANFKRLYGKSLY   296
gi|48374083|ref|NP_001001440.2| MFQRVLVSLSAGGRDESNYLDDALMRQDAQDLYEAGEKKWGTDEVKFLTVLCSRNRNHLLHVFDEYKRIAQKDIEQSIKSETSGSFEDALLAIVKCMRNKSAYFAERLYKSMKGLGTDDDTLIRVMVSRAEIDMLDIRANFKRLYGKSLY   296
gi|73968795|ref|XP_855558.1|     MFQRVLVSLSAGGRDEGNFLDDALMRQDAQDLYEAGEKKWGTDEVKFLTVLCSRNRNHLLHVFDEYKRISQKDIEQSIKSETSGSFEDALLAIVKCMRNKSAYFAERLYKSMKGLGTDDDTLIRVMVSRAEIDMMDIRESFKRLYGKSLY   232
gi|125813041|ref|XP_001331811.1| MFQRVLVSLLTAGRDESTKVDEAQAVQDAKDIYEAGEARWGTDEVKFLTVLCVRNRNHLLRVFQEYQKKSGRDIEDSIKREMSGSLEDVFLAIVKCIKNKPAFFAERLYKSMKGLGTTDSVLIRIMVARAEIDMLDIKAEFLKMYGKTLH   298
                                 .......160.......170.......180.......190.......200.......210.......220.......230.......240.......250.......260.......270.......280.......290.......300
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                                 **************:** ****:.
gi|4502105|ref|NP_001144.1|      SFIKGDTSGDYRKVLLVLCGGDD   321
gi|114577902|ref|XP_001139581.1| SFIKGDTSGDYRKVLLVLCGGDD   321
gi|7304889|ref|NP_038499.1|      SFIKGDTSGDYRKVLLILCGGDD   319
gi|55742832|ref|NP_077069.3|     SFIKGDTSGDYRKVLLILCGGDD   319
gi|48374083|ref|NP_001001440.2| SFIKGDTSGDYRKVLLILCGGDD   319
gi|73968795|ref|XP_855558.1|     SFIKGDTSGDYRKVLLILCGGDD   255
gi|125813041|ref|XP_001331811.1| SFIKGDTSGDYRKILLELCGGEK   321
                                 .......310.......320...
```