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                                  * : * .   *:  ***   :*:*:****.*****.****:*:::***** *** **:: .** ::: . * .*************:*****:**::**:****.******* ** : ::  :* *****::****** .:
gi|81295813|ref|NP_001032241.1|   ----MGNGLSDQTSILSNLPSFQSFHIVILGLDCAGKTTVLYRLQFNEFVNTVPTKGFNTEKIKVTLG-NSKTVTFHFWDVGGQEKLRPLWKSYTRCTDGIVFVVDSVDVERMEEAKTELHKITRISENQGVPVLIVANKQDLRNSLSLS   150
gi|114612178|ref|XP_001147693.1|  ----MGNGLSDQTSILSNLPSFQSFHIVILGLDCAGKTTVLYRLQFNEFVNTVPTKGFNTEKIKVTLG-NSKTVTFHFWDVGGQEKLRPLWKSYTRCTDGIVFVVDSVDVERMEEAKTELHKITRISENQGVPVLIVANKQDLRNSLSLS   150
gi|6680730|ref|NP_031513.1|       ----MGNGLSDQTSILSSLPSFQSFHIVILGLDCAGKTTVLYRLQFNEFVNTVPTKGFNTEKIKVTLG-NSKTVTFHFWDVGGQEKLRPLWKSYTRCTDGIVFVVDSVDVERMEEAKTELHKITRISENQGVPVLIVANKQDLRNSLSLS   150
gi|9506403|ref|NP_062059.1|       ----MGNGLSDQTSILSSLPSFQSFHIVILGLDCAGKTTVLYRLQFNEFVNTVPTKGFNTEKIKVTLG-NSKTVTFHFWDVGGQEKLRPLWKSYTRCTDGIVFVVDSVDVERMEEAKTELHKITRISENQGVPVLIVANKQDLRNSLSLS   150
gi|116004183|ref|NP_001070453.1|  ----MGNGLSDQTSILSSLPSFQSFHIVILGLDCAGKTTVLYRLQFNEFVNTVPTKGFNTEKIKVTLG-NSKTVTFHFWDVGGQEKLRPLWKSYTRCTDGIVFVVDSVDVERMEEAKTELHKITRISENQGVPVLIVANKQDLRNSLSLS   150
gi|50732553|ref|XP_418690.1|      ----MGNGLSDQTPILSSLPSFQCFHIVILGLDSAGKTTVLYRLQFNEFVNTVPTKGFNTEKIKVTLG-NSKTVTFHFWDVGGQEKLRPLWKSYTRCTDGIVFVVDSVDVERMEEAKTELHKITRISENQGVPVLIVANKQDLRNSLSLS   150
gi|47087129|ref|NP_956612.1|      ----MGNGLSEPHFIFPCLPSFQALHIVILGLDCAGKTTVLYRLRFNEFVNTVPTKGFNTEKIKVNLGPKSRTATFHFWDVGGQEKLRPLWRSYTRCADGLVFVVDSVDAERMEEAKTELHKITRLQENLGVPVLVVANKQDLRSALPLS   150
gi|24638544|ref|NP_651905.1|      MGATMVKPLVKNGNILDALPSQATLHVVMLGLDSAGKTTALYRLKFDQYLNTVPTIGFNCEKVQCTLG-KAKGVHFLVWDVGGQEKLRPLWRSYTRCTDGILFVIDSVDTERMEEAKMELMRTAKCPDNQGVPVLILANKQDLPNACGAM   150
                                  1.......10........20........30........40........50........60........70........80........90.......100.......110.......120.......130.......140.......150
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                                  *:*::*.:.** . .*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
gi|81295813|ref|NP_001032241.1|   EIEKLLAMGELSSSTP----------------------------------------------------------------------------------------------------------------------------------------------------------------WHLQPTCAIIGDGLKEGLEKLHDMII   300
gi|114612178|ref|XP_001147693.1|  EIEKLLAMGELSSSTP----------------------------------------------------------------------------------------------------------------------------------------------------------------WHLQPTCAIIGDGLKEGLEKLHDMII   300
gi|6680730|ref|NP_031513.1|       EIEKLLAMGELSSSTP----------------------------------------------------------------------------------------------------------------------------------------------------------------WHLQPTCAIIGDGLKEGLEKLHDMII   300
gi|9506403|ref|NP_062059.1|       EIEKLLAMGELSSSTP----------------------------------------------------------------------------------------------------------------------------------------------------------------WHLQPTCAIIGDGLKEGLEKLHDMII   300
gi|116004183|ref|NP_001070453.1|  EIEKLLAMGELSSSTP----------------------------------------------------------------------------------------------------------------------------------------------------------------WHLQPTCAIIGDGLKEGLEKLHDMII   300
gi|50732553|ref|XP_418690.1|      EIEKMLAMSELSSSTP----------------------------------------------------------------------------------------------------------------------------------------------------------------WHLQPTCAIIGDGLKEGLEKLYDMII   300
gi|47087129|ref|NP_956612.1|      EVEQMLALNELGSHTP----------------------------------------------------------------------------------------------------------------------------------------------------------------WHLQPACAIIGEGLQEGLERLHTMII   300
gi|24638544|ref|NP_651905.1|      ELEKLLGLNELYNPVPNISMPSSSDSSPTINLIGCRVSNQSITDKSLEEKKESHLHSSMIHIKPALESKDHNSTLSGGALTAFIYPQSHNNSAVLDQKNPQDVKNGFHNKKMNRSSSNSVQFRGWYIQPTCAITGEGLQEGLDALYDMIL   300
                                  .......160.......170.......180.......190.......200.......210.......220.......230.......240.......250.......260.......270.......280.......290.......300
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                                  ****: :.:*::
gi|81295813|ref|NP_001032241.1|   KRRKMLRQQKKKR   313
gi|114612178|ref|XP_001147693.1|  KRRKMLRQQKKKR   313
gi|6680730|ref|NP_031513.1|       KRRKMLRQQKKKR   313
gi|9506403|ref|NP_062059.1|       KRRKMLRQQKKKR   313
gi|116004183|ref|NP_001070453.1|  KRRKMLRQQKKKR   313
gi|50732553|ref|XP_418690.1|      KRRKMLRQQKKKR   313
gi|47087129|ref|NP_956612.1|      KRRKMMRQQKRKR   313
gi|24638544|ref|NP_651905.1|      KRRKINKSNKRNL   313
                                  .......310...
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