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logo
NTDB id 1157 A1552VC RS03895 WP 001888250.1   .........MVEDTASVAALYRSYLTPLDIDINIVGTGRDAIESIGRREPDLILLDLRLPDMTGMDVLYAVKEKSPDVPI   71
NTDB id 1045 HON27 RS16330 WP 168727019.1     MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
NTDB id 278924 C4K40 RS26990 WP 053134623.1  .MNPRQTVLVVDGAKEVRALVEITLGRMHLHTRSARTLQEARDHLRQNRFDLCLTDLHLPDGCGLELLRHIRQEHSRVPV   79
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
consensus                                        ** ***!*** ****!****!*** **********!*****    *!**!*!**!!!**!*************  !*

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   VFMTAHGSIDTAVEAMRHGAQDFLIKPCEADRLRVTVNNAIRKASKLKNDVDNKNQNYQGFIGSSQTMQAVYRTIDSAAS   151
NTDB id 1045 HON27 RS16330 WP 168727019.1     AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQ.KVEHDTTENALENKLLIGRSLPIQQLRIAIKKIAR   159
NTDB id 278924 C4K40 RS26990 WP 053134623.1  AVLSDDTSQQTAASALQAGACDLLHKPLDLKHLRELVGNRLK......PPVPRETSASKQLLGNSPAMADLRRQITKLAP   153
NTDB id 1473 PAKAF RS24000 WP 003094694.1    AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLR....NPEAEEAPVDNRLLGESPPMRALRNQIGKLAR   154
consensus                                    ***********!* !***!!*!***!!*** *!**** *****  ** *** ***   * **! !*********!  **!*

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   SKASIFITGESGTGKEVCAEAIHAASKRGDKPFIAINCAAIPKDLIESELFGHVKGAFTGAATERQGAAEAADGGTLFLD   231
NTDB id 1045 HON27 RS16330 WP 168727019.1     SQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLD   239
NTDB id 278924 C4K40 RS26990 WP 053134623.1  SQAAVYISGESGSGKERVARLIHDLSPRARRPFIAVNCGAIPSELMESEFFGHRKGSFSGAMADQPGLFLAARGGTLFLD   233
NTDB id 1473 PAKAF RS24000 WP 003094694.1    SQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLD   234
consensus                                    !*!*****!!!!*!!!**!***!****!***!!***!!*!!!**!*!!! !!!*!!*!*!!* ***!****! !!*!!!!

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   ELCEMDLDLQTKLLRFIQTGTFQKVGSSKMKSVDVRFVCATNRDPWKEVQEGRFREDLYYRLYVIPLHLPPLRARGDDVI   311
NTDB id 1045 HON27 RS16330 WP 168727019.1     EIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVL   319
NTDB id 278924 C4K40 RS26990 WP 053134623.1  EVAELPLAMQVKLLRALQEKSVRAVGSQTEEAVDLRILCATHQDLKQQVEAGRFRQDLYYRLNVIELRVPPLRERHADIN   313
NTDB id 1473 PAKAF RS24000 WP 003094694.1    EVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIP   314
consensus                                    !********!*!!!!**!*****!!******!!*!***!***!*  *! *!*!!*!!**!**!**!**!!!!*!**!**

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   EIAYSLLGFMSKEEGKDFVRLSAEVVERFRQYEWPGNVRQLQNVLRNVVVLNEGREITLDMLPPPLNQMSAPINRALPLA   391
NTDB id 1045 HON27 RS16330 WP 168727019.1     LLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRAN....ISNPFA   395
NTDB id 278924 C4K40 RS26990 WP 053134623.1  LLARHILQRLAIDSGQTVAQLSPEALQALEAHDFPGNVRELENLLERAQVFREGQWIEVADLGLPCASRA....ESLPHP   389
NTDB id 1473 PAKAF RS24000 WP 003094694.1    LLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGA....SQEGAA   390
consensus                                    **!  ********** * * !*************!!!!!*!*!***** * !    !** *! ** * **      *** *

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   H...........ENKVSVHEIF....PLWMTEKQAIEQAIEACDGNIPRAATYLDVSPSIIYRKLQTWNEKVKEKEKER   455
NTDB id 1045 HON27 RS16330 WP 168727019.1     SAAQSIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV.   473
NTDB id 278924 C4K40 RS26990 WP 053134623.1  ................AATAFDLALHLQQVERQLLLQALEACRWNRTEAARRLGLSFRSMRYRLKKLGLD........   443
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ................SLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID........   445
consensus                                                  * *** *** ** *!***!******!******!** !!**!**********!******
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X non conserved
X similar
X $\geq$ 50% conserved