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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 1105660 ACNYC6 RS17820 WP 419708508.1 .MSPRQKVLIVDDEPDIRELLEITLGRMKLDTYSARNAGEALALLKRETFDLCLTDMRLPDGTGLDLVQHIQQRHPHVPV   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     AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDT.TENALENKLLIGRSLPIQQLRIAIKKIAR   159
NTDB id 1105660 ACNYC6 RS17820 WP 419708508.1 AMITAYGNVDTAINALKAGAFDFLSKPVDLTRLRELVTSALLLPVP...G....VAIDRRLLGDSLPMRNLRKHIDKLAR   152
NTDB id 1473 PAKAF RS24000 WP 003094694.1    AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNP...E.AEEAPVDNRLLGESPPMRALRNQIGKLAR   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 1105660 ACNYC6 RS17820 WP 419708508.1 SQAPVYISGESGSGKELVARLIHDRGPRANQPFVPVNCGAIPSELMESEFFGHRKGSFSGAIEDKPGLFQAAHGGTLFLD   232
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 1105660 ACNYC6 RS17820 WP 419708508.1 EVADLPLPMQVKLLRAIQEKAVRSVGGQQEELVDVRILCATHKDLGAEVAAERFRQDLYYRLNVIELRVPPLRERRDDIE   312
NTDB id 1473 PAKAF RS24000 WP 003094694.1    EVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIP   314
consensus                                     !****** *!*!!!!**!***** !! **** !!*!***!***!****!****!!*!!**!**!**!!!!! *!**

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   EIAYSLLGFMSKEEGKDFVRLSAEVVERFRQYEWPGNVRQLQNVLRNVVVLNEGREITLDMLPPPLNQM..SAPINRALP   389
NTDB id 1045 HON27 RS16330 WP 168727019.1     LLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQ   399
NTDB id 1105660 ACNYC6 RS17820 WP 419708508.1 PLAGHVLKRLAIDTGQPEAKLHPQALDALKSYRFPGNVRELENMLERAHTLCENKQIEAGDLRLAEGNCHPE........   384
NTDB id 1473 PAKAF RS24000 WP 003094694.1    LLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ........   386
consensus                                     **! ********** * **!*************!!!!!*!*!******!*!***!** *!*******  * *   *

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   .....LAHENKVSVHEI..FPLW..MTEKQAIEQAIEACDGNIPRAATYLDVSPSTIYRKLQTWNEKVKEKEKER   455
NTDB id 1045 HON27 RS16330 WP 168727019.1     SIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQE.V   473
NTDB id 1105660 ACNYC6 RS17820 WP 419708508.1 ........GCVPDLTQIDNLEAYLENVERQLLLQALEETRWNRTAAAQRLNLSFRSMRYRLKKFGLD........   443
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ........EGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID........   445
consensus                                        ** ************ *****!******!******!***!!**!**********!******
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X non conserved
X similar
X $\geq$50% conserved