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logo
NTDB id 1157 A1552VC RS03895 WP 001888250.1   .........MVEDTASVAALYRSYLTPLDIDINIVGTGRDAIESIGRREPDLILLDLRLPDMTGMDVLYAVKEKSPDVPI   71
NTDB id 1045 H0N27 RS16330 WP 168727019.1     MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
NTDB id 1008663 ABNP45 RS27085 WP 125063599.1 .MNPRQSVLVVDDATETRALVEITLGRMRLHTQSARTLQEARGRLARERFDLCLTDLQLPDGSGLELLRHIRQSHPNLPV   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 H0N27 RS16330 WP 168727019.1     AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQK.VEHDTTENALENKLLIGRSLPIQQLRIAIKKIAR   159
NTDB id 1008663 ABNP45 RS27085 WP 125063599.1 ALLSNGACAQASAGALQAGACQLLHKPLDLKQLRAWVGASLKQA....TDCATEDP.ARQLLGDSAPMNALRRHIDKLAH   154
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 H0N27 RS16330 WP 168727019.1     SQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLD   239
NTDB id 1008663 ABNP45 RS27085 WP 125063599.1 SLAAVYISGESGSGKERVARLLHQLGPRARYPFVPVNCGAIPSELMESELFGHCKGSFSGAVSDQPGLFLAAHGGTLFLD   234
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 H0N27 RS16330 WP 168727019.1     EIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVL   319
NTDB id 1008663 ABNP45 RS27085 WP 125063599.1 EVADLPLAMQVKLLRALQEKSVRPVGSQQEKTVDVRILCATHKDLKNEVETGRFRQDLYYRLNVIELRVPALRERRGDIP   314
NTDB id 1473 PAKAF RS24000 WP 003094694.1    EVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIP   314
consensus                                     !********!*!!!!**!******!!******!!*!***!***!*  *!  !*!!*!!**!**!**!**!*!!*! *!**

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   EIAYSLLGFMSKEEGKDFVRLSAEVVERFRQYEWPGNVRQLQNVLRNVVVLNEGREITLDMLPPPLNQMS..APINRALP   389
NTDB id 1045 H0N27 RS16330 WP 168727019.1     LLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQ   399
NTDB id 1008663 ABNP45 RS27085 WP 125063599.1 ALAGHVLQRLARDSGQQPAVQLRPEALQALERYDFPGNVRELENLLERAQTLCEGRWIETDDLQLPRADSLE.........   385
NTDB id 1473 PAKAF RS24000 WP 003094694.1    LLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS.........   385
consensus                                     **! ********** *** !*************!!!!!*!*!******!*!  * !****! ** * *     *   *

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   L.....AHENKVSVHE..IFP..LWMTEKQAIEQAIEACDGNIPRAATYLDVSPSTIYRKLQTWNEKVKEKEKER   455
NTDB id 1045 H0N27 RS16330 WP 168727019.1     SIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETE.QEV   473
NTDB id 1008663 ABNP45 RS27085 WP 125063599.1 .......ARSSAAATQL.DLALHLQQVERQLLLQALEETRWNRTAAARRLSLSFRSMRYRMKKLGLD........   444
NTDB id 1473 PAKAF RS24000 WP 003094694.1    .......QEGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID........   445
consensus                                        ***** ****** ** *!***!******!******!***!!**!*****************       *
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X non conserved
X similar
X $\geq$50% conserved