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logo
NTDB id 1157 A1552VC RS03895 WP 001888250.1   ..........MVEDTASVAALYRSYLTPLDIDINIVGTGRDAIESIGRREPDLILLDLRLPDMTGMDVLYAVKEKSPDVP   70
NTDB id 1045 HON27 RS16330 WP 168727019.1     .MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTP   79
NTDB id 1155294 ONG87 RS17685 WP 122475311.1 MTMSARQKILIVDDEPDIRELLEITLGRMKLETRSARDVNEAREWLGREPFDLCLTDMRLPDGTGLELVQFIQQRYPHVP   80
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ...MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTP   77
consensus                                       ******!*!******!****!********** ***!*********!**!*!**!!!**!************!* !

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   IVFMTAHGSIDTAVEAMRHGAQDFLIKPCEADRLRVTVNNAIRKASKLKNDVDNKNQNYQGFIGSSQTMQAVYRTIDSAA   150
NTDB id 1045 HON27 RS16330 WP 168727019.1     IAVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHD.TTENALENKLLIGRSLPIQQLRIAIKKIA   158
NTDB id 1155294 ONG87 RS17685 WP 122475311.1 VAMITAFGSLDTAINALKAGAFDFLTKPVDLPRLRELVGTALRMPAPAPV.GKEPS.IDQRLLGDSPPMLGLRKQIGRLA   158
NTDB id 1473 PAKAF RS24000 WP 003094694.1    VAMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNP..E.AEEAP.VDNRLLGESPPMRALRNQIGKLA   153
consensus                                     ****!!*!**!*!**!***!!*!!**!!*** *!**** *!**   *  * ***   ******!*!*********!***!

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   SSKASIFITGESGTGKEVCAEAIHAASKRGDKPFIAINCAAIPKDLIESELFGHVKGAFTGAATERQGAAEAADGGTLFL   230
NTDB id 1045 HON27 RS16330 WP 168727019.1     RSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFL   238
NTDB id 1155294 ONG87 RS17685 WP 122475311.1 RSQAPVYISGESGSGKELVARLIHEQGPRADRPFIPVNCGAIPAELMESEFFGHRKGSFTGATEDKPGLFQAANGGTLFL   238
NTDB id 1473 PAKAF RS24000 WP 003094694.1    RSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFL   233
consensus                                     *!*!*****!!!!*!!!**!***!** *!***!!***!!*!!!**!*!!! !!!*!!*!!!!*****!****! !!*!!!

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   DELCEMDLDLQTKLLRFIQTGTFQKVGSSKMKSVDVRFVCATNRDPWKEVQEGRFREDLYYRLYVIPLHLPPLRARGDDV   310
NTDB id 1045 HON27 RS16330 WP 168727019.1     DEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDV   318
NTDB id 1155294 ONG87 RS17685 WP 122475311.1 DEVADLPLTMQVKLLRAIQEKAVRAVGGQTENVVDVRILSATHKDLAAEVAAQRFRQDLYYRLNVIELRVPCLRERREDI   318
NTDB id 1473 PAKAF RS24000 WP 003094694.1    DEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDI   313
consensus                                     !!*******!*!!!!**!******!! **** !!*!***!***!****!****!!*!!**!**!**!**!*!!*! *!*

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   IEIAYSLLGFMSKEEGKDFVRLSAEVVERFRQYEWPGNVRQLQNVLRNVVVLNEGREITLDMLPPPLNQ..MSAPINRAL   388
NTDB id 1045 HON27 RS16330 WP 168727019.1     LLLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAA   398
NTDB id 1155294 ONG87 RS17685 WP 122475311.1 PLLAASVLARLAQGSGLPPAQLTPAALETLKGYRFPGNVRELENMLERAYTLCEDDRIEASDLRLSETAVSVES......   392
NTDB id 1473 PAKAF RS24000 WP 003094694.1    PLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQE......   387
consensus                                     ***! ******* ******* !*************!!!!!*!*!*******!*!** !****!****   * ** *   *

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   PL.......AHENKVSVHEIFPLW..MTEKQAIEQAIEACDGNIPRAATYLDVSPSTIYRKLQTWNEKVKEKEKER   455
NTDB id 1045 HON27 RS16330 WP 168727019.1     QSIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETE.QEV   473
NTDB id 1155294 ONG87 RS17685 WP 122475311.1 ..........GEPSLAQVDNLEDYLESVERKLILQALEETRWNRTAAAQRLNMSFRSMRYRLKKLGLD........   450
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ..........GAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID........   445
consensus                                       *    ** ******** *!******!******!***!!**!**********!******       *
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X non conserved
X similar
X $\geq$ 50% conserved