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logo
NTDB id 1157 A1552VC RS03895 WP 001888250.1   .............MVEDTASVAALYRSYLTPLDIDINIVGTGRDAIESIGRREPDLILLDLRLPDMTGMDVLYAVKEKSP   67
NTDB id 1045 H0N27 RS16330 WP 168727019.1     ....MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYP   76
NTDB id 1001626 ABFG87 RS03860 WP 375592015.1 MMARKARNARRVLVVDDEVDLAELLELTLIKMGLDVETAYCVADAKALLGFTRYDLVLTDMRMPDGEGLELVEFVQAQRL   80
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ......MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEAREILLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHP   74
consensus                                          * *  ****!*!* ****!****!*******  ** ***!******  *!**!*!***!!**!**** ****  *

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   DVPIVFMTAHGSIDTAVEAMRHGAQDFLIKPCEADRLRVTVNNAIRKASKLKNDVDNKNQNYQGFIGSSQTMQAVYRTID   147
NTDB id 1045 H0N27 RS16330 WP 168727019.1     NTPIAVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTE.NALENKLLIGRSLPIQQLRIAIK   155
NTDB id 1001626 ABFG87 RS03860 WP 375592015.1 DIPVAVITAYGSMQNAVNALKAGAFDYLAKPVSLEQLRTLVKSALNLEESTSGAVEALSGEDRPLLGNSPAIRQVLELVE   160
NTDB id 1473 PAKAF RS24000 WP 003094694.1    QTPVAMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAEE....APVDNRLLGESPPMRALRNQIG   150
consensus                                     **!****!!*!****!**!***!!*!***!!*****!* ****!* *    * ****  * **  **! !***  **  **

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   SAASSKASIFITGESGTGKEVCAEAIHAASKRGDKPFIAINCAAIPKDLIESELFGHVKGAFTGAATERQGAAEAADGGT   227
NTDB id 1045 H0N27 RS16330 WP 168727019.1     KIARSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGS   235
NTDB id 1001626 ABFG87 RS03860 WP 375592015.1 KLARSQAPVYVSGESGSGKERAARLIHLSGTRADKPFVAVNCGAIPENLMESEFFGYRKGAFTGAEQDRDGFFQAATGGT   240
NTDB id 1473 PAKAF RS24000 WP 003094694.1    KLARSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGT   230
consensus                                     **!*!*!*****!!!!*!!!**!***!    !***!!***!!*!!!**!*!!! !!**!! !!!! ****!****!*!!*

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   LFLDELCEMDLDLQTKLLRFIQTGTFQKVGSSKMKSVDVRFVCATNRDPWKEVQEGRFREDLYYRLYVIPLHLPPLRARG   307
NTDB id 1045 H0N27 RS16330 WP 168727019.1     LFLDEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERG   315
NTDB id 1001626 ABFG87 RS03860 WP 375592015.1 LFLDEVADLPLAMQVKLLRVIQERKVRKVGSTVEEPVDVRLICATHQNLAKCVDAGRFRQDLYYRLNVIELKMPPLREMG   320
NTDB id 1473 PAKAF RS24000 WP 003094694.1    LFLDEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERR   310
consensus                                     !!!!!********!*!!!!**!******!!*****  !!*!***!********!  *!*!!*!!**!**!**!**!!!!***

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   DDVIEIAYSLLGFMSKEEGKDFVRLSAEVVERFRQYEWPGNVRQLQNVLRNVVVLNEGREITLDMLPPPLNQM..SAPIN   385
NTDB id 1045 H0N27 RS16330 WP 168727019.1     EDVLLLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFA   395
NTDB id 1001626 ABFG87 RS03860 WP 375592015.1 DDIVLIARHVLARLATQNGQEAPSFADDALTALRRYAFPGNVRELENMLERALALSDGSQITGDDLQLSPHGFDE.....   395
NTDB id 1473 PAKAF RS24000 WP 003094694.1    EDIPLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQE...   387
consensus                                     *!****! ******* *  *  **  ***  ***  ***** *!!!!!*!*!******!**   *!****! ***   *   * *

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NTDB id 1157 A1552VC RS03895 WP 001888250.1   RALPL.....AHENKVSVHEIFP....LWMTEKQAIEQAIEACDGNIPRAATYLDVSPSTIYRKLQTWNEKVKEKEKER   455
NTDB id 1045 H0N27 RS16330 WP 168727019.1     SAAQSIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV.   473
NTDB id 1001626 ABFG87 RS03860 WP 375592015.1 .............EATGGADCPLQDYLDRVERGAIQDALEKTGGNRTQAAKLLGVTFRSLRYRMDRLGLAGKDRDD..   458
NTDB id 1473 PAKAF RS24000 WP 003094694.1    .............GAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID........   445
consensus                                      *         *  ** ** ********!* *!* ****!** *   !** !!**!****************** *****
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X non conserved
X similar
X $\geq$50% conserved