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logo

NTDB id 1473 PAKAF RS24000 WP 003094694.1     ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV    78
NTDB id 392627 GA693 RS13450 WP 218945238.1  ....................MQMTLARMGIQTHVAHRLEQARQLLSSHHYDACITDLNLPDGNGLQLVELIAQHFPQLPV    60
NTDB id 1045 HON27 RS16330 WP 168727019.1     MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI    80
consensus                                            ***** **  ****!!*!!** !**! ****!**!**  **!*!*!!**!!!!*!!*!!  * ! *!**!*

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPE....AEEAPVDNRLLGESPPMRALRNQIGKLAR   154
NTDB id 392627 GA693 RS13450 WP 218945238.1  AVLTAYGNMEIAIAALKAGAFDFVSKPINQKHLEQLLEKALNQPLFKAHSQEADQLEQRMLIGQSLPIQQLRTTLKKIAR   140
NTDB id 1045 HON27 RS16330 WP 168727019.1     AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVE.HDTTENALENKLLIGRSLPIQQLRIAIKKIAR   159
consensus                                     !**!!!!****!!*!!!!!!!!!**!!*** *!**!* *!!*    * *   ********!*! !*!***!!  **!*!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     SQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLD   234
NTDB id 392627 GA693 RS13450 WP 218945238.1  SQAPVFISGESGTGKEVVANLVHRLSNRSDGPFIAINCGAIPGDLMESEFFGHKKGSFTGAAQDKQGLIQSAHGGSLFLD   220
NTDB id 1045 HON27 RS16330 WP 168727019.1     SQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLD   239
consensus                                     !!!!!***!!!!*!!!!*!!*!*!****!***!!***!!!!!!**!!!!!*!!!!!!!!!!! *!!!!!***!*!!*!!!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     EVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIP   314
NTDB id 392627 GA693 RS13450 WP 218945238.1  EIAELPLNMQVKLLRAVQEKRIRPVGSETEIDVDFRIISASHQDLEALVQQGRFRQDLFFRIHVMDIVLPPLRERGQDIL   300
NTDB id 1045 HON27 RS16330 WP 168727019.1     EIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVL   319
consensus                                     !*!*!!* !!!!!!!!!*!!!**!*!!***!**!!*!***!*!*!!***! *!*!!!!!**!**!****!!!!!!**!**

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     LLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAP........GAS.   385
NTDB id 392627 GA693 RS13450 WP 218945238.1  LLAQHFIQKIAQEWDIHSKTLSERAQQFLLEQYYPGNVRELRNIIERAMTLSDDDVIDLPHLQTAPLRKMAPLAEPEADP   380
NTDB id 1045 HON27 RS16330 WP 168727019.1     LLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISN..PFASA   397
consensus                                     !!!******* ***** * !** !* *!*** *!!!!!!!!*!**!!!*!!**!* !** *!  !***       * !*

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     .........QEGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
NTDB id 392627 GA693 RS13450 WP 218945238.1  A.TPVTADALPAAPRKLPEEGLELFLEKIEKEILLNALNLTHWNRTLAAKKLGMSFRSLRYRLKKFGLDTDE....   451
NTDB id 1045 HON27 RS16330 WP 168727019.1     AQSIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
consensus                                     * *  *  * **! **** **!! *!! !!*****!!**!*!!!!*!!**!!**!!!*!!!!!!*!*!**
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X non conserved

X similar

X ≥ 50% conserved