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logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV    78
NTDB id 313882 CDG61 RS16250 WP 416240720.1  ....................MEMTLARMGIKTHIAHRLSEARQLLSEHQYDACLTDLNLPDGNGLELVNLISQHFPQLPV    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 313882 CDG61 RS16250 WP 416240720.1  AVLTAYGNMEIAIAALKAGAFDFVSKPVNQKHLEQLLEKALNKPVEKNSVPESDQLEHRMLIGQSLPIQHLRTTLKKIAR   140
NTDB id 1045 HON27 RS16330 WP 168727019.1    AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDT.TENALENKLLIGRSLPIQQLRIAIKKIAR   159
consensus                                    !**!!!!****!!*!!!!!!!!!**!!!** *!**!* *!!**    *      ***** **!*!  !*!** !!   **!*!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     SQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGATEDKQGLFQAASGGTLFLD   234
NTDB id 313882 CDG61 RS16250 WP 416240720.1  SQAPVFITGESGTGKEVVANLIHRLSNRCEGPFIAINCGAIPGDLMESELFGHKKGSFTGATQDKQGLIQSAHGGSLFLD   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 313882 CDG61 RS16250 WP 416240720.1  EIAELPLSMQVKLLRAVQEKRIRPIGSEAEIDVDFRVISASHQDLEELVQQGRFRQDLFFRIHVMDLVLPALRERGSDIL   300
NTDB id 1045 HON27 RS16330 WP 168727019.1    EIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVL   319
consensus                                    !*!*!!**!!!!!!!!!*!!!**!**!***!**!!*!***!*!*!!* *!  *!*!!!!!**!**!**!**!*!!!!**!**

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     LLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ........   386
NTDB id 313882 CDG61 RS16250 WP 416240720.1  LLAQHFIHKICKEWDIETKPLTERARQFLLEQYYPGNVRELRNIIERAITLSDDSQIDLQHLQSAPLRQFSVKPLQSSSE   380
NTDB id 1045 HON27 RS16330 WP 168727019.1    LLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQ   399
consensus                                    !!!**** *** ***** * !!* !  *!*** *!!!!!!!!*!**!!!*!!**! *!** *!  !**** *  *  *

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     .............EGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
NTDB id 313882 CDG61 RS16250 WP 416240720.1  TEETAPQTVSEPVVSSTRKLPEEGLELHLEKVEKEILMNALNLTHWNRTLAAKKLGMSFRSLRYRLKKFGLDSDED...   456
NTDB id 1045 HON27 RS16330 WP 168727019.1    SIQTT...V..AAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
consensus                                    *  *    *       * **** **!! *!! *!******!!**!*!!!!*!!**!!**!!!*!!!!!!*!*!** *
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X non conserved

X similar

X ≥ 50% conserved