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logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV    78
NTDB id 390100 FSC05 RS13120 WP 267313605.1  ....................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 390100 FSC05 RS13120 WP 267313605.1  AVLTAYGNMEIAIAALKAGAFDFVSKPINQKHLEQLLEKALNQPLFKAYSQEADQLEQRMLIGQSLPIQQLRTTLKKIAR   140
NTDB id 1045 HON27 RS16330 WP 168727019.1    AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHD.TTENALENKLLIGRSLPIQQLRIAIKKIAR   159
consensus                                    !**!!!!****!!*!!!!!!!!!**!!*** *!**!* *!!*    *     ********!*! !*!***!!  **!*!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     SQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLD   234
NTDB id 390100 FSC05 RS13120 WP 267313605.1  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 390100 FSC05 RS13120 WP 267313605.1  EIAELPLNMQVKLLRGVQEKRIRPVGSDTEIDVDFRIISASHQDLEALVQQGRFRQDLFFRIHVMDIVLPPLRERGQDIL   300
NTDB id 1045 HON27 RS16330 WP 168727019.1    EIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVL   319
consensus                                    !*!*!!* !!!!!!!**!!!**!*!!***!**!!*!***!*!*!!***! *!*!!!!!**!**!****!!!!!!**!**

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     LLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPG........AS.   385
NTDB id 390100 FSC05 RS13120 WP 267313605.1  LLAQHFIQKIAQEWDIHSKTLSERAQQFLLEQYYPGNVRELRNIIERAMTLSDDDVIDLPHLQTAPLRKMAPLAEPETDT   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 390100 FSC05 RS13120 WP 267313605.1  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