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logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
NTDB id 403783 GK020 RS01230 WP 264757081.1  ....................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 403783 GK020 RS01230 WP 264757081.1  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 403783 GK020 RS01230 WP 264757081.1  SQAPVFISGESGTGKEVVANLVHRLSNRSDGPFIAINCGAIPSDLMESEFFGHKKGSFTGAAQDKQGLIQSAHGGSLFLD  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 403783 GK020 RS01230 WP 264757081.1  EIAELPLNMQVKLLRAVQEKRIRPVGSDTEIDVDFRIISASHQDLEALVQQGRFRQDLFFRIHVMDIVLPPLRERGQDIL  300
NTDB id 1045 HON27 RS16330 WP 168727019.1    EIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVL  319
consensus                                    !*!*!!* !!!!!!!!!*!!!**!*!!***!**!!*!***!*!*!!***! *!*!!!!!**!**!****!!!!!!**!**

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1     LLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPG........AS.  385
NTDB id 403783 GK020 RS01230 WP 264757081.1  LLAQHFIQKIAQEWDIDSKTLSERAQQFLLEQYYPGNVRELRNIIERAMTLSDDDVIDLPHLQTAPLRKMAPLAEPETDT  380
NTDB id 1045 HON27 RS16330 WP 168727019.1    LLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISN..PFASA  397
consensus                                    !!!******* ***** * !** !* *!*** *!!!!!!!!*!**!!!*!!**!* !** *!  !****      * **

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1     .........QEGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
NTDB id 403783 GK020 RS01230 WP 264757081.1  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