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logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV    78
NTDB id 390141 FSC09 RS13810 WP 267313524.1  ....................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 390141 FSC09 RS13810 WP 267313524.1  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 390141 FSC09 RS13810 WP 267313524.1  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 390141 FSC09 RS13810 WP 267313524.1  EIAELPLNMQVKLLRAVQEKRIRPVGSDTEIDVDFRIISASHQDLEALVQQGRFRQDLFFRIHVMDIVLPPLRERGQDIL   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 390141 FSC09 RS13810 WP 267313524.1  LLAQHFIQKIAQEWDIHSKTLSERAQQFLLEQYYPGNVRELRNIIERAMTLSDDDVIDLPHLQTAPLRKMAPLAEPETDT   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 390141 FSC09 RS13810 WP 267313524.1  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