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logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1      ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
NTDB id 1106957 ACLKM4 RS01070 WP 042119426.1  ....................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 1106957 ACLKM4 RS01070 WP 042119426.1  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 1106957 ACLKM4 RS01070 WP 042119426.1  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 1106957 ACLKM4 RS01070 WP 042119426.1  EIAELPLNMQVKLLRAVQEKRIRPVGSDTEIDVDFRIISASHQDLEALVQQGRFRQDLFFRIHVMDIVLPPLRERGQQDIL  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 1106957 ACLKM4 RS01070 WP 042119426.1  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 1106957 ACLKM4 RS01070 WP 042119426.1  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