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logo

NTDB id 1473 PAKAF RS24000 WP 003094694.1      ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV    78
NTDB id 1090394 ACJQW4 RS04140 WP 241628334.1  ....................MQMMLSRMGIETHVAYRLSQARKMLSEHQYDVCFTDLNLPDGNGLELVEEISQQYPQLPV    60
NTDB id 1045 HON27 RS16330 WP 168727019.1      MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI    80
consensus                                               ****** **  *****!*!!***!**!*** *!* ***   *!*!*!!**!!!!*!!*!!  **!**!**!*

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NTDB id 1473 PAKAF RS24000 WP 003094694.1      AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLR...NPEAEEAPVDNRLLGESPPMRALRNQIGKLARS   155
NTDB id 1090394 ACJQW4 RS04140 WP 241628334.1  AVLTAYGNMDIAIAALKAGAFDFVSKPIKQTHLEQLLQKALNKPL.QQAQQEDALEQRMLIGQSLPIQQLRVTLNKIARS   139
NTDB id 1045 HON27 RS16330 WP 168727019.1      AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS   160
consensus                                      !**!!!!**!*!!*!!!!!!!!!**!!* * *!**!***!!**    *   !*!******!*! !*!***!!* * !*!!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1      QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE   235
NTDB id 1090394 ACJQW4 RS04140 WP 241628334.1  QAPVFITGESGTGKEVVANLVHRLSNRNEGPFIAINCGAIPTDLLESELFGHKKGSFTGATQDKQGLIQSAHGGSLFLDE   219
NTDB id 1045 HON27 RS16330 WP 168727019.1      QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE   240
consensus                                      !!!!***!!!!*!!!*!!*!*!****! !*!!***!!!!!!**!*!!!*!!!!!!!!!!!**!!!!!***!*!!*!!!!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1      VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL   315
NTDB id 1090394 ACJQW4 RS04140 WP 241628334.1  IAELPLNMQVKLLRAVQEKSIRPIGSETEIDVDFRVISASHQDLESLVQQGKFRQDLFFRIHVMDLVLPPLRERGQDILI   299
NTDB id 1045 HON27 RS16330 WP 168727019.1      IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL   320
consensus                                      *!*!!* !!!!!!!!!*!!! *!***!***!**!!*!***!*!*!!* *! *!*!!!!!**!**!**!*!!!!!!**!***

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NTDB id 1473 PAKAF RS24000 WP 003094694.1      LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQEG.......   388
NTDB id 1090394 ACJQW4 RS04140 WP 241628334.1  LAQHFIQKVSREWEIPAKALTPRAKEFLLAQYYPGNVRELRNIIERAITLSDEDYIDVQHLQSAPLRRSVQMQTPSVDQM   379
NTDB id 1045 HON27 RS16330 WP 168727019.1      LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS   400
consensus                                      !!******  ****!** !!  ! **!*** *!!!!!!!!*!**!!!*!!**** !** *!  !**** **    *  *

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NTDB id 1473 PAKAF RS24000 WP 003094694.1      .........AASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
NTDB id 1090394 ACJQW4 RS04140 WP 241628334.1  LTTSSELTLSSKKLPDEGLELYLENIEKEILLNALNITHWNRTLAAKKLGMSFRSLRYRLKKFGLDTDE....   448
NTDB id 1045 HON27 RS16330 WP 168727019.1      IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
consensus                                      * **      * **** **!! !!!*!!*****!!**!*!!!!!*!!**!!**!!!*!!!!!!*!*!**
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X non conserved

X similar

X ≥ 50% conserved