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logo

NTDB id 1473 PAKAF RS24000 WP 003094694.1      ...MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTP    77
NTDB id 1107104 ACLKM1 RS12300 WP 005094453.1 MSVEQQPLVLLVDDEEDLCTLMQMSLLRMGIRTHIAHCLQDAKKCLADHQYDACLTDLNLPDGNGLELLEWIGHLYPALP    80
NTDB id 1045 HON27 RS16330 WP 168727019.1      .MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTP    79
consensus                                         ******!*!!!!*!** !****!*!!**!**!  * *!* ***   *!*!!!!**!!!!*!!*!* ** * *!**!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1      VAMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRN....PEAEEAPVDNRLLGESPPMRALRNQIGKLA   153
NTDB id 1107104 ACLKM1 RS12300 WP 005094453.1 VAVLTAYGNMEIAIAALKAGAFDFVSKPINQKHLEQLLQKALNKPVDYSHNNPNDALEHKMLIGQSIPIQHLRITLQKIA   160
NTDB id 1045 HON27 RS16330 WP 168727019.1      IAVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQK.VEHDTTENALENKLLIGRSLPIQQLRIAIKKIA   158
consensus                                      *!**!!!!****!!*!!!!!!!!!**!!*** *!**!***!!**     *   **!** **!*! !*!** !!* * !*!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1      RSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFL   233
NTDB id 1107104 ACLKM1 RS12300 WP 005094453.1 RSQAPVFITGESGTGKEVVANLVHRLSNRNEGPFIAINCGAIPTELMESELFGHKKGSFTGAAQDKQGLIQSAHGGSLFL   240
NTDB id 1045 HON27 RS16330 WP 168727019.1      RSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFL   238
consensus                                      !!!!!!***!!!!*!!!*!!*!*!****! !*!!***!!!!!!*!!!!!!*!!!!!!!!!!! *!!!!!***!*!!*!!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1      DEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDI   313
NTDB id 1107104 ACLKM1 RS12300 WP 005094453.1 DEIAELPLSMQVKLLRAVQEKRIRPLGSDTEIDVDFRVISATHQDLEALVQQGKFRQDLYFRIHVMDLTLPPLRERSQDI   320
NTDB id 1045 HON27 RS16330 WP 168727019.1      DEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDV   318
consensus                                      !!*!*!!**!!!!!!!!*!!!**!**!***!**!!*!***!*!*!!***! *!*!!!!!**!**!**! *!!!!!! *!*

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NTDB id 1473 PAKAF RS24000 WP 003094694.1      PLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS...QE...   387
NTDB id 1107104 ACLKM1 RS12300 WP 005094453.1 LLLAEHFIQKICQEWGIANKKLTERSKEFLLEQYYPGNVRELRNIMERAITLSDEERIDLQHLQSAPLRQALNSAQEMNT   400
NTDB id 1045 HON27 RS16330 WP 168727019.1      LLLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAA   398
consensus                                      *!!!******** ****** **!!* * **!*** *!!!!!!!!*!**!!!*!!**** !** *!  !******   **

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NTDB id 1473 PAKAF RS24000 WP 003094694.1      ...........GAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
NTDB id 1107104 ACLKM1 RS12300 WP 005094453.1 LTSEIIATDTLIAPRKLPEEGLELYLEKIEKEVLLNALNLTHWNRTLAAKKLGMSFRSLRYRLKKFGLDTEEDE..   474
NTDB id 1045 HON27 RS16330 WP 168727019.1      QS.IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
consensus                                       *           ! **** **!! !!! !!******!!**!*!!!!*!!**!!**!!!*!!!!!!*!*!** *
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X non conserved

X similar

X ≥ 50% conserved