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logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1      ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV    78
NTDB id 1002912 ABEF89 RS01340 WP 161788389.1  MVEQQPLVLLVDDEEDLCTLMQMSLMRMGIRTHIAHRLEDAKRRLTDHQYDACLTDLNLPDGNGLQLLDFISEHYPSLPV    80
NTDB id 1045 H0N27 RS16330 WP 168727019.1      MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI    80
consensus                                      * ******!*!!!!*!** !****!*!!**!**! ****!* ***   *!*!!!!**!!!!*!!*!* **** *!**!*

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NTDB id 1473 PAKAF RS24000 WP 003094694.1      AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPE...AEEAPVDNRLLGESPPMRALRNQIGKLARS   155
NTDB id 1002912 ABEF89 RS01340 WP 161788389.1  AVLTAYGNMDIAIAALKAGAFDFVSKPINQKHLEQLIQKALNKPANYASNQEDTLEYKMLIGQSKPIQQLRATLRKIARS   160
NTDB id 1045 H0N27 RS16330 WP 168727019.1      AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS   160
consensus                                      !**!!!!**!*!!*!!!!!!!!!**!!*** *!**!***!!**    *     !**** **!*! ! !***!!  **!*!!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1      QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGATQDKQGLIQSAHGGSLFLDE   235
NTDB id 1002912 ABEF89 RS01340 WP 161788389.1  QAPVFITGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLIQSAHGGSLFLDE   240
NTDB id 1045 H0N27 RS16330 WP 168727019.1      QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE   240
consensus                                      !!!!***!!!!*!!!*!!*!*!****!*!*!!***!!!!!!*!!!!!!*!!!!!!!!!!!**!!!!!***!*!!*!!!!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1      VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL   315
NTDB id 1002912 ABEF89 RS01340 WP 161788389.1  IAELPLSMQVKLLRAVQEKRIRPLGSDTEIDVDFRVISASHQDLEALVQQGKFRQDLFFRIHVMDLVLPPLRERGNDILL   320
NTDB id 1045 H0N27 RS16330 WP 168727019.1      IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL   320
consensus                                      *!*!!**!!!!!!!!!*!!!**!**!***!**!!*!***!*!*!!***!  *!*!!!!!**!**!**!**!!!!!!**!**!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1      LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS.........   385
NTDB id 1002912 ABEF89 RS01340 WP 161788389.1  LAEHFIQKICQEWQIPAKRLTERSKELLLTQYYPGNVRELRNIIERAITLSDEDIIDIQHLQTAPLRQSFVTPENTLAST   400
NTDB id 1045 H0N27 RS16330 WP 168727019.1      LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS   400
consensus                                      !!******** ** *!***!!* * * !*** *!!!!!!!!*!**!!!*!!**** !** *!  !****    *  * * *

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NTDB id 1473 PAKAF RS24000 WP 003094694.1      .Q......EG.....AASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
NTDB id 1002912 ABEF89 RS01340 WP 161788389.1  SESNSNTHNGSDAFIVPKKLPEEGLELYMEKIEKEILLNALNLTHWNRTLAAKKLGMSFRSLRYRLKKFGLDTEEE...   476
NTDB id 1045 H0N27 RS16330 WP 168727019.1      IQ......TTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
consensus                                       *       *  *  * **** **!! !*! !!*****!!*!*!!!!*!!**!!**!!!*!!!!!!*!*!** *
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X non conserved

X similar

X ≥ 50% conserved