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logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1   ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
NTDB id 212831 BVL33 RS16225 WP 004917021.1 MATKQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKKFFTEFQYDACLTDLNLPDGNGLDLVKHVTQNYPNTPI   80
NTDB id 1045 HON27 RS16330 WP 168727019.1   MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
consensus                                   **  ****!*!!!!*!***!***!!*!!***!**!**!**!* *** * *!*!!!!**!!!!*!!!!***!**!*!!*

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NTDB id 1473 PAKAF RS24000 WP 003094694.1   AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAE...EAPVDNRLLGESPPMRALRNQIGKLARS   155
NTDB id 212831 BVL33 RS16225 WP 004917021.1 AVLTAYGNMDIAIAALKAGAFDFVSKPVNQTHLDQLIQKALNRPQPEQEAVETALENKLLIGRSAPIQQLRIALKKIARS   160
NTDB id 1045 HON27 RS16330 WP 168727019.1   AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS   160
consensus                                   !**!!!!**!*!!*!!!!!!!!!!**!!!** *!**!***!!** **!  *   * !*****!*!*!  !***!!****!*!!!

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1   QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE   235
NTDB id 212831 BVL33 RS16225 WP 004917021.1 QAPVFITGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE   240
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 212831 BVL33 RS16225 WP 004917021.1 IAELPLNMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLEELLVQQGRFRQDLFFRIHVMDIVLPPLRERGQDILI   320
NTDB id 1045 HON27 RS16330 WP 168727019.1   IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL   320
consensus                                   *!*!!* !!!!!!!!!*!!!**!*!!**!!**!!*!***!*!*!!***! *!*!!!!!**!**!***!!!!!!**!***

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1   LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPG...........   383
NTDB id 212831 BVL33 RS16225 WP 004917021.1 LANHFIQKISQEWELPVKSLTTRAEQFLLQQYFPGNVRELRNIIERAITLSDDETIDLAHLQTAPLRSSISIPSNAYVQS   400
NTDB id 1045 HON27 RS16330 WP 168727019.1   LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS   400
consensus                                   !!*******  ****! * !!  !* *!*** !!!!!!!!!*!**!!!*!!**!**!** *!  !**** ** *     **

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NTDB id 1473 PAKAF RS24000 WP 003094694.1   .........ASQEGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
NTDB id 212831 BVL33 RS16225 WP 004917021.1 DESEITLQSASPNPSSKKLPPEGLERYLENIEKEVLLNALNLTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTEDDE..   476
NTDB id 1045 HON27 RS16330 WP 168727019.1   IQTT.....VAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
consensus                                     *       **    * **** **!!*!!!*!!*****!!**!*!!!!*!!**!!*!!!!*!!!!!!*!*!** *
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X non conserved

X similar

X ≥ 50% conserved