```
logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1   ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPVAMITA   83
NTDB id 81189 OCUAC RS16625 WP 072689275.1  MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPIAVLTA   85
NTDB id 1045 HON27 RS16330 WP 168727019.1   MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPIAVLTA   85
consensus                                   ********!*!!!!*!***!***!!*!!***!**!**!**!**!******!*!!!!**!!!!!!!!!!****!**!*!!*!**!!

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1   YGSLDTAIQQALKAGAFDFLTKPVDLGRLRELVATALRLRNP...EAEEAPVDNRLLGESPPMRALRNQIGKLARSQAPVYISGES   165
NTDB id 81189 OCUAC RS16625 WP 072689275.1  YGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDFAESALENKLLIGCSLPIQQLRIAIKKIARSQAPVFVTGES   170
NTDB id 1045 HON27 RS16330 WP 168727019.1   YGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARSQAPVFVTGES   170
consensus                                   !!**!*!!*!!!!!!!!!!**!!!****!**!***!!******** *! !*****!*! !*!***!!**!*!*!!!!!!!***!!!

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1   GSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGATQDKQGLFQAASGGTLFLDEVADLPMAMQVKLLRA   250
NTDB id 81189 OCUAC RS16625 WP 072689275.1  GTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDEIAELPLSMQVKLLRA   255
NTDB id 1045 HON27 RS16330 WP 168727019.1   GTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDEIAELPLSMQVKLLRA   255
consensus                                   !*!!!*!!*!*!****!*!*!!***!!!!!!*!!!!!!*!!!!!!!!!!!**!!!!!***!*!!*!!!!!*!*!!**!!!!!!!!

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1   IQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPLLAERILKRLAGDTGLPAARL   335
NTDB id 81189 OCUAC RS16625 WP 072689275.1  VQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLLLANHFIQKICMEWETPPKQL   340
NTDB id 1045 HON27 RS16330 WP 168727019.1   VQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLLLANHFIQKICMEWETPPKQL   340
consensus                                   *!!!**!*!!**!!**!!*!***!*!*!!***!**!*!!!!!**!**!**!**!!!!!!*!!**!!!*************!***!

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1   TGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ................EGAASLSEIDNLEDYLED   404
NTDB id 81189 OCUAC RS16625 WP 072689275.1  TEAAETYLLQQHFPGNVRELRNMIERAITLSEDTTIDVSHLHPAPLRANISNPFASAAQSIQTTVAAPQVVKKLPSEGLERYLEN   425
NTDB id 1045 HON27 RS16330 WP 168727019.1   TEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQSIQTTVAAPQAVKKLPSEGLERYLEN   425
consensus                                   !**!***!****!!!!!!!!*!!*!!!*!!*!! *!**!**!**!*********************************!!*!!!*

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1   IERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
NTDB id 81189 OCUAC RS16625 WP 072689275.1  IEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 1045 HON27 RS16330 WP 168727019.1   IEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
consensus                                   !!******!!**!*!!!!*!!**!!*!!!!*!!!!!!*!*!*******
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X non conserved

X similar

X ≥50% conserved