```
logo
NTDB id 313231 Ahae2126ch RS15450 WP 005083966.1  MATKQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKKFFTEFQYDACLTDLNLPDGNGLDLVQHVTQNYPNTPI   80
NTDB id 1045 HON27 RS16330 WP 168727019.1         MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
NTDB id 1473 PAKAF RS24000 WP 003094694.1         ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
consensus                                         **  ****!*!!!!*!***!***!!*!!***!**!**!** *** * *!*!!!!**!!!!*!!!!!***!**!*!!*

logo
NTDB id 313231 Ahae2126ch RS15450 WP 005083966.1  AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLIQKALNRPRPEQEAAETALENKLLIGRSAPIQQLRIALKKIARS  160
NTDB id 1045 HON27 RS16330 WP 168727019.1         AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS  160
NTDB id 1473 PAKAF RS24000 WP 003094694.1         AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAE...EAPVDNRLLGESPPMRALRNQIGKLARS  155
consensus                                         !**!!!!**!*!!*!!!!!!!!!**!!!****!**!***!!** **! *  * !*****!*!*! !***!!****!*!!!

logo
NTDB id 313231 Ahae2126ch RS15450 WP 005083966.1  QAPVFITGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE  240
NTDB id 1045 HON27 RS16330 WP 168727019.1         QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE  240
NTDB id 1473 PAKAF RS24000 WP 003094694.1         QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE  235
consensus                                         !!!!***!!!!*!!!*!!*!*!****!*!*!!***!!!!!!*!!!!!!*!!!!!!!!!!!!**!!!!!***!*!!*!!!!!

logo
NTDB id 313231 Ahae2126ch RS15450 WP 005083966.1  IAELPLNMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLELLVQQGRFRQDLFFRIHVMDIVLPPLRERGQDILL  320
NTDB id 1045 HON27 RS16330 WP 168727019.1         IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL  320
NTDB id 1473 PAKAF RS24000 WP 003094694.1         VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL  315
consensus                                         *!*!!* !!!!!!!!*!!!!**!*!!**!!**!!*!***!*!*!!***! *!*!!!!!**!**!****!!!!!!**!**!

logo
NTDB id 313231 Ahae2126ch RS15450 WP 005083966.1  LANHFIQRICQEWELPAKTLSSRAEQFLLQQYFPGNVRELRNIIERAITLSDDETIDLAHLQTAPLRSPISMPSAPSYSQ  400
NTDB id 1045 HON27 RS16330 WP 168727019.1         LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS  400
NTDB id 1473 PAKAF RS24000 WP 003094694.1         LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADA........PGASQ  386
consensus                                         !!******** ****!** !*  !* *!*** !!!!!!!!*!**!!!*!!**!**!** *!  !***  ** * ******

logo
NTDB id 313231 Ahae2126ch RS15450 WP 005083966.1  EEVEQPQYTSPSTSSKKLPPEGLERYLENIEKEVLLNALNLTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTEEDDT.  476
NTDB id 1045 HON27 RS16330 WP 168727019.1         I....QTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV  473
NTDB id 1473 PAKAF RS24000 WP 003094694.1         ..........EGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......  445
consensus                                                  * **** **!!*!!!*!!*******!!*!*!!!!!*!!**!!*!!!!*!!!!!!*!*!** *
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X non conserved

X similar

X ≥50% conserved