```
logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
NTDB id 1003072 AAGD24 RS05025 WP 075195691.1  ..MTTHTALIVDDEPDIRDLLEITLSRMGITTLTAPDITCAKKLLGEHKPQLCLTDMNLPDGNGIELVQWIQQNTPCTPV   78
NTDB id 1473 PAKAF RS24000 WP 003094694.1  ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
consensus                                    **   *!*!!!!*!**!***!!*!!** ! *!  *  !* !**   ***!!!!**!!!!*!**!!*****!* !*!!*

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS   160
NTDB id 1003072 AAGD24 RS05025 WP 075195691.1  AVITAYGNMDTAIESLKAGAFDFVSKPVELPRLRELVNSALRLSEAEANTQDTDDEPGLLLGKSTEIQKLRSQTRKLARS   158
NTDB id 1473 PAKAF RS24000 WP 003094694.1  AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAEEAPV...DNRLLGESPPMRALRNQIGKLARS   155
consensus                                   !**!!!!**!*!! *!!!!!!!!**!!!** *!**!***!!**   !*** *   *  *!*!*! *** !! ***!*!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE   240
NTDB id 1003072 AAGD24 RS05025 WP 075195691.1  QAPVFISGESGSGKELVARMIHLQGPRRDGPFIAVNCGAIPSELMESEFFGHKKGSFTGAVENKDGLFRSANGGTLFLDE   238
NTDB id 1473 PAKAF RS24000 WP 003094694.1  QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE   235
consensus                                   !!!!***!!!!*!!!*!!***! ***! **!!***!!!!!!*!!!!!!*!!!!!!!!!!***!*!!* *! !!*!!!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL   320
NTDB id 1003072 AAGD24 RS05025 WP 075195691.1  VADLPLAMQVKLLRAIQEKAVRPVGDTKEVPVDIRVLSATHKNLPDLVQEGIFRQDLFYRINVIELAVPPLRERPDDISL   318
NTDB id 1473 PAKAF RS24000 WP 003094694.1  VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL   315
consensus                                   *!*!!**!!!!!!!!*!!!**!*!!  *!* !!*!***!*!**!  *!  !*!!!!!**!**!**! *!!!!!! *!* !

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS   400
NTDB id 1003072 AAGD24 RS05025 WP 075195691.1  LARHILERIGKEYECEPASLTQGAIGRLKQYDFPGNVRELENVLERAFTLCDADQIDAGDLHLGNGVQTASSPTQVIAEG   398
NTDB id 1473 PAKAF RS24000 WP 003094694.1  LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ........   386
consensus                                   !! *** **** *** *** !! *!  *!*** !!!!!!!!*!**!!!*!!*****!*  *!*** * *  * *    *

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 1003072 AAGD24 RS05025 WP 075195691.1  EAN..DDETAPVPDGEIDLENYLENIERQAIEKALEATRWNKTAAAKRLGISFRALRYRLKKLGME.......   462
NTDB id 1473 PAKAF RS24000 WP 003094694.1  .......EGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                          *  !       *  !!  !!!*!!* ****!!* !*!!*!*!!**!!**!!**!!!!!!*!**
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X non conserved

X similar

X ≥ 50% conserved