```
logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1   MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
NTDB id 1075750 ACJEH7 RS05365 WP 010946908.1  ..MIKSKVLVIDDEPDIRELLTLTLSRMGLICDAVSDFKQGIEHIKQNYYSLVLTDMRLPDGDGIEIVKFIQKYKPQLPV   78
NTDB id 1473 PAKAF RS24000 WP 003094694.1  ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
consensus                                   * * **!**!!!*!***!* *!!*!!** *  *  ********  *  ****!!!**!!!!*!***!*****  !**!*

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1   AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS  160
NTDB id 1075750 ACJEH7 RS05365 WP 010946908.1  AVITAYGNVEGAVNTLKAGAFDYVSKPVDLKMLRELVKTALSMQN...PSTE.SPDEGLLVGESLIMQQLRESIHKLARS  154
NTDB id 1473 PAKAF RS24000 WP 003094694.1  AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRN...PEAEEAPVDNRLLGESPPMRALRNQIGKLARS  155
consensus                                   !**!!!!*** !***!!!!!!!***!!!**  !**!* *!! ***   ***! **** *!*!*!*****!!  ! !*!!!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1   QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE  240
NTDB id 1075750 ACJEH7 RS05365 WP 010946908.1  QAPVFIQGDSGVGKELVAQLIHANGPRKDKPFIPVNCGAIPGELMESEFFGHKKGSFTGAISDKTGLFVAAHGGTLFLDE  234
NTDB id 1473 PAKAF RS24000 WP 003094694.1  QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE  235
consensus                                   !!!!***!*!!*!!!*!!*!*! ***! **!!***!!!!!!*!!!!!!*!!!!!!!!!!!* !!*!!**!*!!*!!!!!!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1   IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL  320
NTDB id 1075750 ACJEH7 RS05365 WP 010946908.1  IAELPLAMQVKLLRAIQEKAIKPIGELYEIPVDVRILSASHKNLIEEINAGRFRQDLYYRINVIELRVPTLMERLSDIPC  314
NTDB id 1473 PAKAF RS24000 WP 003094694.1  VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL  315
consensus                                   *!*!!**!!!!!!!!!*!!!*****!  *!* !!*!***!*!**!  ** *!*!!!!!**!**!**!**!*!*!! *!***

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1   LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS  400
NTDB id 1075750 ACJEH7 RS05365 WP 010946908.1  LTEAILKKLSKNQNRNLVKINPSCFEILSRYHFPGNVRELENILERAMAMCEGEVIEPSDLHLPRTTITP..........  384
NTDB id 1473 PAKAF RS24000 WP 003094694.1  LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS..........  385
consensus                                   !** *****  *   *  ***  * * ! ***!!!!!!!!*!**!!!****!** !****!***   *

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1   IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 1075750 ACJEH7 RS05365 WP 010946908.1  ...A.....VAVPSTSTNLNGYLQDQEKELILDALEKTKWNRTAAAQLLGVSFRTLRYRLKKLGLD.......   442
NTDB id 1473 PAKAF RS24000 WP 003094694.1  .QEG.....AASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                   * *      **  * ***!* !!***!*****!!* !*!!!!*!!**!!**!!**!!!!!!*!*!
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X non conserved

X similar

X ≥ 50% conserved