```
logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1     MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
NTDB id 1076108 ACJEH2 RS13345 WP 011213530.1 ..MTKSKVLVIDDEPDIRELLTLTLSRMGLTCDAVSDFKQGIEHIKQNYYSLVLTDMRLPDGDGIEIVKFIQKYKPQMPV   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 1076108 ACJEH2 RS13345 WP 011213530.1 AVITAYGNVEGAVNTLKAGAFDYVSKPIDLKMLRDLVKTALSMQN...PPTE.KPDEDLLVGESLVMQQLRENIHKLARS  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 1076108 ACJEH2 RS13345 WP 011213530.1 QAPVFIQGASGVGKELVAQLIHVNGPRKDKPFIPVNCGAIPGELMESEFFGHKKGSFTGAISDKTGLFVAAHGGTLFLDE  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 1076108 ACJEH2 RS13345 WP 011213530.1 IAELPLAMQVKLLRAIQEKAIKPIGELYEVPVDVRILSASHKNLIEEVNAGAFRQDLYYRINVIELRVPTLMERLSDIPC  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 1076108 ACJEH2 RS13345 WP 011213530.1 LTEAILRKLSKNQNRNLVKINPSCFEILSRYHFPGNVRELENILERAMAMCEGEVIEPSDLHLPRTTITP.........  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 1076108 ACJEH2 RS13345 WP 011213530.1 ...A.....VAVPSTSTNLNGYLQDQEKELILDALEKTKWNRTAAAQLLGVSFRTLRYRLKKLGLD.......   442
NTDB id 1473 PAKAF RS24000 WP 003094694.1     .QEG.....AASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                      * *      **  * ***!* !!***!*****!!* !*!!!!*!!**!!**!!**!!!!!!*!*!
```

X non conserved

X similar

X ≥ 50% conserved