```
logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1   ..MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNT   78
NTDB id 1081050 ACK3CJ RS05050 WP 409525337.1 MSDNKATRRVLIVDDEPDIRELLGITLSRMDITCTEAGDLQQARDALSRDTFQLCLVDMRLPDGNGIDLIRHIQRTRPNL   80
NTDB id 1473 PAKAF RS24000 WP 003094694.1  ....MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQT   76
consensus                                   **!*!!!!*!***!* *!!*!! * *  !  * *!******* ***!!*!**!!!!*!*!!*****  !**

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1   PIAVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVE.HDTTENALENKLLIGRSLPIQQLRIAIKKI   157
NTDB id 1081050 ACK3CJ RS05050 WP 409525337.1 PVAMITAHGNMQSAIDALKAGAFDFLNKPVELPTLRNLVRSALLLGEQAESDEVPASNDCLQLLGRSAPIESIRHTIRKL   160
NTDB id 1473 PAKAF RS24000 WP 003094694.1  PVAMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPE.AEEAPVD...NRLLGESPPMRALRNQIGKL   152
consensus                                   !*!**!!*!***!! !!!!!!!!!**!!!**  !**!* *!! *   *  ** *   *   !*!*! !*  *!  !*!*

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1   ARSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLF   237
NTDB id 1081050 ACK3CJ RS05050 WP 409525337.1 ARSQAPVYISGESGTGKELVARLIHAQGPRAEQPFVAVNCGAIPAELMESELFGYKKGSFTGAYADKDGLFQSADGGTLF   240
NTDB id 1473 PAKAF RS24000 WP 003094694.1  ARSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLF   232
consensus                                   !!!!!!!***!!!!*!!!*!!*!*! ***! ! !!***!!!!!!*!!!!!!*!!*!!!!!!!!  !!*!!***! !!*!!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1   LDEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGED   317
NTDB id 1081050 ACK3CJ RS05050 WP 409525337.1 LDEVADLPLGMQVKLLRAIQEKVVRPVGSQTEVHVDVRILSATHKDLSQQVAEKRFREDLYYRINVIELHVPSLRERPED   320
NTDB id 1473 PAKAF RS24000 WP 003094694.1  LDEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERRED   312
consensus                                   !!!*!*!!*!!!!!!!!*!!! *!*!!***!* !!*!***!*!*!!    !* **!!*!!**!**!**! *!*!!!! !!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1   VLLLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASA   397
NTDB id 1081050 ACK3CJ RS05050 WP 409525337.1 IPLLADHFIHYLAQKMEIQVPELSAGARSELHQYSFPGNVRQLENILERALTLCEGAVIEADDLLLDKNNHHEQPPITPA   400
NTDB id 1473 PAKAF RS24000 WP 003094694.1  IPLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQE.....   387
consensus                                   **!!!**** *** * ***   !***! * ! ** !!!!!!*!*!**!!!*!!*!** !*  *! **   *  * *   *

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1   AQSIQTTVAAP...QAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 1081050 ACK3CJ RS05050 WP 409525337.1 AQLISSPFDLDELIPDEALVEQVGLEAYMESIERKLINDALQSSGHNKTAAAKRLGISFRALRYRLKKLEME.......   472
NTDB id 1473 PAKAF RS24000 WP 003094694.1  .............GAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                   ** * *          *  *** **!! !*! !!******!!* * *!*!*!!**!!*!!**!!!!!!****
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X non conserved

X similar

X ≥ 50% conserved