```
logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1     MAEQQPLVLLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI    80
NTDB id 385209 F0P98 RS04525 WP 054667220.1  .MNVTHSALVVDDERDIRELLVLTLGRMGLRISTAANLAEARELLGSNSFDLCLTDMRLPDGNGIELVTEIARDHPRTPV    79
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV    78
consensus                                           *!*!!!!  !***!* *!!*!!**** *!  **  *!**!**    *!*!!!!**!!!!*!**!!  * *  *!*!!*

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1     AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTEN.ALENKLLIGRSLPIQQLRIAIKKIAR   159
NTDB id 385209 F0P98 RS04525 WP 054667220.1  AMITAFGSMDLAVEALKAGAFDFVSKPVDIGVLRGMVKHALELNNSERVAQPAAPESASRLLGESQAMSDLRSTIAKVAR   159
NTDB id 1473 PAKAF RS24000 WP 003094694.1    AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAEEAP....VDNRLLGESPPMRALRNQIGKLAR   154
consensus                                    !**!!*!**!*!* !!!!!!!!!**!!!*** !* **  !! *** ! *  *       *!*!*! **  !!  !*!*!!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1     SQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLD   239
NTDB id 385209 F0P98 RS04525 WP 054667220.1  SQAPVYIVGESGVGKELVARTIHDQGARAAGPFIPVNCGAIPGELMESEFFGHKKGSFTGAHADKPGLFQAAHGGTLFLD   239
NTDB id 1473 PAKAF RS24000 WP 003094694.1    SQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLD   234
consensus                                    !!!!!***!!!!*!!!*!!***!*** ! **!!***!!!!!!*!!!!!!*!!!!!!!!!!!  !!*!!***!*!!*!!!!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1     EIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVL   319
NTDB id 385209 F0P98 RS04525 WP 054667220.1  EVAELPLQMQVKLLRAIQEKSVRPVGSATEVPVDVRILSATHKDLAVLVQDGRFRHDLYYRINVIELRVPPLRERRGDLP   319
NTDB id 1473 PAKAF RS24000 WP 003094694.1    EVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIP   314
consensus                                    !*!*!!* !!!!!!!!*!!! *!*!!* *!* !!*!***!*!*!!***!  !*!!*!!**!**!**!**!!!!!!**!**

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1     LLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQ   399
NTDB id 385209 F0P98 RS04525 WP 054667220.1  QLAAAILSRLARSQQLPTPLLSPSALDALGGYAFPGNVRELENVLERALALADGDSIGASDLRLPTPRGDAGSASEE...   396
NTDB id 1473 PAKAF RS24000 WP 003094694.1    LLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQEGA.....   389
consensus                                    *!!  ** *** *  *!   !*  ! * ! ** !!!!!!!!*!**!!!**! ****!  **!***  **    *

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1     SIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 385209 F0P98 RS04525 WP 054667220.1  ........APADIDAGNAALPSYIEQMERAAIQKALEENRWNRTRTAAQLGITFRALRYKLKKLGMD.......   455
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ..........AS.LSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                              !      **!* !*!**!* ****!!****!!!! *!  *!!*!!!**!!*!!!*!*!
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X non conserved

X similar

X ≥ 50% conserved