```
logo
NTDB id 1045 HON27 RS16330 WP 168727019.1  ....................MAEQQPLVLLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLD   66
NTDB id 45741 XOC RS15580 WP 178385942.1   MRRAPLDNCRPSSRWAIVRSMSEPKSALVVDDERDIRELLVLTLSRMGLRISTAANLAEARELLANNPYDLCLTDMRLPDGNGIE   85
NTDB id 1473 PAKAF RS24000 WP 003094694.1  .....................MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLD   64
consensus                                                        *!*!!!! !***!* *!!*!!**** *! ** *!**!*** **!*!!!!**!!!!*!**

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1  LVKHVSQNYPNTPIAVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTE.NALENKLLIGRSLPIQQL  150
NTDB id 45741 XOC RS15580 WP 178385942.1   LVTEIARQYPQTPVAMITAFGSMDLAVEALKAGAFDFVSKPVDIGVLRGLVKHALELNNHDRPAPPPPEQASRLLGDSSAMESL  170
NTDB id 1473 PAKAF RS24000 WP 003094694.1  LVQYIQQRHPQTPVAMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAEEAP....VDNRLLGESPPMRAL  145
consensus                                  !!  * ***!*!!*!**!!*!**!*!* !!!!!!!!!**!!!*** !* !*  !! *** * *  *       *!*!*! **  !

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1  RIAIKKIARSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGS  235
NTDB id 45741 XOC RS15580 WP 178385942.1   RATIGKVARSQAPVYIVGESGVGKELVARTIHEQGARAAGPFVPVNCGAIPAELMESEFFGHKKGSFTGAHADKPGLFQAAHGGT  255
NTDB id 1473 PAKAF RS24000 WP 003094694.1  RNQIGKLARSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGT  230
consensus                                  !  !*!*!!!!!!!***!!!!*!!!*!!***!*** ! **!!***!!!!!!*!!!!!!*!!!!!!!!!!!  !!*!!***!*!!*

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1  LFLDEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL  320
NTDB id 45741 XOC RS15580 WP 178385942.1   LFLDEVAELPLQMQVKLLRAIQEKSVRPVGASGETLVDVRILSATHRDLGELVSDGRFRHDLYYRINVIELRVPPLRERGGDLPQ  340
NTDB id 1473 PAKAF RS24000 WP 003094694.1  LFLDEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL  315
consensus                                  !!!!!*!*!!* !!!!!!!!!*!!! *!*!!* *!* !!*!***!*!*!!* *!  !*!!*!!**!**!**!**!!!!!!**!***

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1  LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQSIQTTV  405
NTDB id 45741 XOC RS15580 WP 178385942.1   LAAAIIARLAHSHGRPIPLLTQSALDALDHYGFPGNVRELENILERALALAEDDQISATDLRLPAHGGHRL...AATPG..NAAV  420
NTDB id 1473 PAKAF RS24000 WP 003094694.1  LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ...EGAA.......  390
consensus                                  !!  ** *** * * !   !!  ! * ! ** !!!!!!!!*!**!!!**! !!**!  **!***   *      ****   *  *

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1  AAPQAV..KKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 45741 XOC RS15580 WP 178385942.1   EPREAVVDIDPASAALPSYIEQLERAAIQKALEENRWNKTKTAAQLGITFRALRYKLKKLGME.......   483
NTDB id 1473 PAKAF RS24000 WP 003094694.1  ....SL....SEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                      **       ***!* !*!**!* ****!!****!!*! *! *!!*!!!**!!*!!!*!**
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X non conserved

X similar

X ≥50% conserved