```
logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   ....................MAEQQPLVLLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLD   66
NTDB id 24898 IS RS18025 WP 011348337.1     MGRDLLDNCRPSSRWAIVRPMNEPKSALVVDDERDIRELLVLTLGRMGLRISTAANLAEARELLANNPYDLCLTDMRLPDGNGIE   85
NTDB id 1473 PAKAF RS24000 WP 003094694.1  ......................MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLD   64
consensus                                                          *!*!!!! !***!* *!!*!!**** *! ** *!**!*** **!*!!!!**!!!!*!**

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   LVKHVSQNYPNTPIAVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDT..TENALENKLLIGRSLPIQQ   149
NTDB id 24898 IS RS18025 WP 011348337.1     LVTEIAKHYPQTPVAMITAFGSMDLAVEALKAGAFDFVSKPVDIGVLRGLVKHALELNNRDRPAPPPPPPEQASRLLGDSSAMES   170
NTDB id 1473 PAKAF RS24000 WP 003094694.1  LVQYIQQRHPQTPVAMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAEEA.....PVDNRLLGESPPMRA   144
consensus                                   !!  * * *!*!!*!**!!*!**!*!* !!!!!!!!!**!!!*** !* !*  !! *** * *           *!*!*! **

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   LRIAIKKIARSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGG   234
NTDB id 24898 IS RS18025 WP 011348337.1     LRATIGKVARSQAPVYIVGESGVGKELVARTIHEQGARAAGPFVPVNCGAIPAELMESEFFGHKKGSFTGAHADKPGLFQAAHGG   255
NTDB id 1473 PAKAF RS24000 WP 003094694.1  LRNQIGKLARSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGG   229
consensus                                   !!  !*!*!!!!!!!**!!!!*!!!*!!***!*** ! **!!***!!!!!!*!!!!!!*!!!!!!!!!!!!  !!*!!***!*!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   SLFLDEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVL   319
NTDB id 24898 IS RS18025 WP 011348337.1     TLFLDEVAELPLQMQVKLLRAIQEKSVRPVGASSESLVDVRILSATHKDLGDLVSDGRFRHDLYYRINVIELRVPPLRERGGDLP   340
NTDB id 1473 PAKAF RS24000 WP 003094694.1  TLFLDEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIP   314
consensus                                   *!!!!!*!*!!* !!!!!!!!!*!!! *!*!!* *!* !!*!***!*!*!!* *!  !*!!*!!**!**!**!**!!!!!!**!**

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   LLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRA.NISNPFASAAQSIQT   403
NTDB id 24898 IS RS18025 WP 011348337.1     QLAAAIIARLAHSHGRPIPLLTQSALDALNHYGFPGNVRELENILERALALAEDDQISATDLRLPAHGGHRLAVPNGGAAAE...   422
NTDB id 1473 PAKAF RS24000 WP 003094694.1  LLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ.........E...   387
consensus                                   *!!  ** *** * * !   !!  ! * ! ** !!!!!!!!!*!**!!!**! !!**!  **!***   *  *  * * ** *

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   TVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 24898 IS RS18025 WP 011348337.1     .PREAVVDIDPASAALPSYIEQLERAAIQKALEENRWNKTKTAAQLGITFRALRYKLKKLGME.......   484
NTDB id 1473 PAKAF RS24000 WP 003094694.1  .GAASLS....EIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                    ** *       ***!* !*!**!* ****!!****!!*! *! *!!*!!!**!!*!!!*!**
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X non conserved

X similar

X ≥50% conserved