```
logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   ....................MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLD   66
NTDB id 143843 TP45 RS17535 WP 173647341.1  MGRHLLDNCRPSSRWAIVRPMNEPKSALVVDDERDIRELLVLTLGRMGLRISTAANLAEARELLANNPYDLCLTDMRLPDGNGIE   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 143843 TP45 RS17535 WP 173647341.1  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 143843 TP45 RS17535 WP 173647341.1  LRATISKVARSQAPVYIVGESGVGKELVARTIHEQGARAAGPFVPVNCGAIPAELMESEFFGHKKGSFTGAHADKPGLFQAAHGG   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 143843 TP45 RS17535 WP 173647341.1  TLFLDEVAELPLQMQVKLLRAIQEKSVRPVGASSESLVDVRILSATHKDLGDLVSDGRFRHDLYYRINVIELRVPPLRERGGDLP   340
NTDB id 1473 PAKAF RS24000 WP 003094694.1  TLFLDEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIP   314
consensus                                   *!!!!!*!*!!* !!!!!!!!*!!! *!*!!* *!* !!*!***!*!*!!* *!  !*!!*!!**!**!**!**!!!!!!**!**

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   LLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRAN.ISNPFASAAQSIQT   403
NTDB id 143843 TP45 RS17535 WP 173647341.1  QLAAAIIARLAHSHGRPIPLLTQSALDALNHYGFPGNVRELENILERALALAEDDQISATDLRLPAHGGHRLAAPPGGAAAE...   422
NTDB id 1473 PAKAF RS24000 WP 003094694.1  LLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQE...........   387
consensus                                   *!!  ** *** * * !   !!  ! * ! ** !!!!!!!!*!**!!!**! !!**!  **!***   *  *  * * **

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   TVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 143843 TP45 RS17535 WP 173647341.1  .PRDAVVDIDPASAALPSYIEQLERAAIQKALEENRWNKTKTAAQLGITFRALRYKLKKLGME.......   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