```
logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPIAVLTA   85
NTDB id 52312 MRBBS RS03465 WP 014870034.1  ..MTKLTALIVDDEPDIRDLLEITLNRMGLKTFTAGTLAGGIAGMQKHTPNVCLTDMNLPDGKGIELVQWIQQHAPNTPVAVITA   83
NTDB id 1473 PAKAF RS24000 WP 003094694.1  ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPVAMITA   83
consensus                                    ***  *!*!!!!*!***!***!!*!!***! *!  *  ** ** *  ***!!!!**!!!!*!**!!*****!  !*!!*!**!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   YGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARSQAPVFVIGES   170
NTDB id 52312 MRBBS RS03465 WP 014870034.1  YGSMDTAIESLKAGAFDFVSKPVELPRLRELVNTALKLAQNPGPTPEDNSDPGLLLGNSAQIQTLRNQARKLARSQAPVFIQGES   168
NTDB id 1473 PAKAF RS24000 WP 003094694.1  YGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRN...PEAEEAPVDNRLLGESPPMRALRNQIGKLARSQAPVYISGES   165
consensus                                   !!**!*!! *!!!!!!!!**!!!** *!**!***!!** *    ** !** *  *!*! ! *** !!****!*!!!!!!!**!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   GTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDEIAELPLSMQVKLLRA   255
NTDB id 52312 MRBBS RS03465 WP 014870034.1  GSGKELVARTIHQQGPRCDGPFIAVNCGAIPSELMESEFFGHKKGSFTGAVDNKAGLFQSANGGTLFLDEIADLPLPMQVKLLRA   253
NTDB id 1473 PAKAF RS24000 WP 003094694.1  GSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDEVADLPMAMQVKLLRA   250
consensus                                   !*!!!*!!***!  ***!  **!!***!!!!!!*!!!!!!*!!!!!!!!!!!***!*!!***!  !!*!!!!!*!*!!*  !!!!!!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   VQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLLLANHFIQKICMEWETPPKQL   340
NTDB id 52312 MRBBS RS03465 WP 014870034.1  IQEKAVRPVGDSHEVPVDIRVLSATHKDLPGLVQNGLFRQDLFYRINVIEIRVPPLRERSGDIALLARHILQRIAREYECAPIAL   338
NTDB id 1473 PAKAF RS24000 WP 003094694.1  IQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPLLAERILKRLAGDTGLPAARL   335
consensus                                   *!!!**!*!!  *!* !!*!***!*!*!! **! *!*!!!!!**!**!*****!!!!!! *!* !!! ******* *** **  !

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   TEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQSIQTTVAAPQAVKKLPSEGLERYLEN   425
NTDB id 52312 MRBBS RS03465 WP 014870034.1  TDSAVDYLKGYHFPGNVRELENILERAFTLCDGDVIDNGNLQLGSSCSSMDSPLLAPAA.......ESMTELSEQGLDLEEYLES   416
NTDB id 1473 PAKAF RS24000 WP 003094694.1  TGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQE.....GA.......ASL....SEIDNLEDYLED   404
consensus                                   !* ! **!****!!!!!!!!*!**!!!*!!**** !*   ! **   * *  *    **       ***       * !!*!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   IEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 52312 MRBBS RS03465 WP 014870034.1  IERKAIEQALEATRWNKTAAAKKLGISFRALRYKLKKLGLE.......   457
NTDB id 1473 PAKAF RS24000 WP 003094694.1  IERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                   !!******!!* !*!!*!*!!**!!*!!**!!*!!!*!**
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X non conserved

X similar

X ≥50% conserved