```
logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     .......MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQ   73
NTDB id 291728 DIE29 RS13000 WP 114650100.1  MINEDRRAPPRAADVLVVDDEDDIRELIELSLLRMGLACDTAGSVGEARALLAARRYRLCLTDMRLPDGDGLELVEYIQC   80
NTDB id 1473 PAKAF RS24000 WP 003094694.1    .........MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQ   71
consensus                                                 *!*!!!!*!***!****!*!!** * *!   ! *!* !**    ***!!!!**!!!!*!!*!! ****

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     NYPNTPIAVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIA  153
NTDB id 291728 DIE29 RS13000 WP 114650100.1  HQPGSQVAVITAYGCIDTAIRALKLGAFDFVTKPVELKRLRQLVAHALRSPA...ENTL.DAGGRQLIGRSAALEQLRGQ  156
NTDB id 1473 PAKAF RS24000 WP 003094694.1    RHPQTPVAMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRN...PEAEEAPVDNRLLGESPPMRALRNQ  148
consensus                                      !****!**!!!! *!*!! !!!*!!!!!**!!!** *!**!** !!*       * ** *   * !*!*! ** *!! *

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     IKKIARSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHG  233
NTDB id 291728 DIE29 RS13000 WP 114650100.1  VVKLARNQAPVFIYGESGTGKEVIARLIHTLGPRAGGPFVPVNCGAISPELMESEFFGHKKGSFTGAASDKQGLFQAAHG  236
NTDB id 1473 PAKAF RS24000 WP 003094694.1    IGKLARSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASG  228
consensus                                    * !*!!*!!!!**!!!!*!!!**!*!* ***! **!***!!!!!*!!!!!!*!!!!!!!!!!  !!!!!***!*!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     GSLFLDEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRE  313
NTDB id 291728 DIE29 RS13000 WP 114650100.1  GTLFLDEVAELPLAMQVKLLRAIQERAVRPVGAHGEEPVDVRILSASHRDLAQLVADNRFRQDLYFRINVITLRVPPLRE  316
NTDB id 1473 PAKAF RS24000 WP 003094694.1    GTLFLDEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRE  308
consensus                                    !*!!!!!*!*!!**!!!!!!!!*!!***!*!!* *!* !!*!***!*!*!!* *!* **!!!!!**!**!**!**!!!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     RGEDVLLLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNP  393
NTDB id 291728 DIE29 RS13000 WP 114650100.1  RPEDIPDLAAHVLARLAEREGTAPRRLSPAALAALQQYAFPGNVRELENLLERACALCEGDEIGPQDVDLYPTEGLLRA.  395
NTDB id 1473 PAKAF RS24000 WP 003094694.1    RREDIPLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQE.  387
consensus                                    ! !!***!! *** *** * *****!* *!   ! ** !!!!!!!!*!**!!! *!*!** ! * ** ***  * *

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     FASAAQSIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV  473
NTDB id 291728 DIE29 RS13000 WP 114650100.1  .......MQRP..DTGEFESRAEPRALDEDNDDERIRVLRMLDETRWNRSAAARRLGMTLRQLRYRLQKWGME.......  459
NTDB id 1473 PAKAF RS24000 WP 003094694.1    .......GA........ASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......  445
consensus                                           **              * ********!* *****!**!*!!!**!!**!!*!*!**!!!!*!*!**
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X non conserved

X similar

X ≥ 50% conserved