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logo
NTDB id 1045 HON27 RS16330 WP 168727019.1        MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
NTDB id 1144735 LPM7613 RS05415 WP 010946908.1  ..MIKSKVLVIDDEPDIRELLTLTLSRMGLICDAVSDFKQGIEHIKQNYYSLVLTDMRLPDGDGIEIVKFIQKYKPQLPV   78
NTDB id 1473 PAKAF RS24000 WP 003094694.1       ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
consensus                                         * * **!**!!!*!***!* *!!*!!** *  *  ********* *  ****!!!**!!!!*!***!*****  !**!*

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1        AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS  160
NTDB id 1144735 LPM7613 RS05415 WP 010946908.1  AVITAYGNVEGAVNTLKAGAFDYVSKPVDLKMLRELVKTALSMQN...PSTE.SPDEGLLVGESLIMQQLRESIHKLARS  154
NTDB id 1473 PAKAF RS24000 WP 003094694.1       AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRN...PEAEEAPVDNRLLGESPPMRALRNQIGKLARS  155
consensus                                        !**!!!!*** !***!!!!!!!***!!!**  !**!* *!! ***   ***! **** *!*!*!*****!!  ! !*!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1        QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE  240
NTDB id 1144735 LPM7613 RS05415 WP 010946908.1  QAPVFIQGDSGVGKELVAQLIHANGPRKDKPFIPVNCGAIPGELMESEFFGHKKGSFTGAISDKTGLFVAAHGGTLFLDE  234
NTDB id 1473 PAKAF RS24000 WP 003094694.1       QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE  235
consensus                                        !!!!**!*!!*!!!*!!*!*! ***! **!!***!!!!!!*!!!!!!*!!!!!!!!!!!!* !!*!!***!*!!*!!!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1        IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL  320
NTDB id 1144735 LPM7613 RS05415 WP 010946908.1  IAELPLAMQVKLLRAIQEKAIKPIGELYEIPVDVRILSASHKNLIEEINAGRFRQDLYYRINVIELRVPTLMERLSDIPC  314
NTDB id 1473 PAKAF RS24000 WP 003094694.1       VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL  315
consensus                                        *!*!!**!!!!!!!!*!!!*****!  *!* !!*!***!*!**!  ** *!*!!!!!**!**!**!**!*!*!!  *!***

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1        LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS  400
NTDB id 1144735 LPM7613 RS05415 WP 010946908.1  LTEAILKKLSKNQNRNLVKINPSCFEILSRYHFPGNVRELENILERAMAMCEGEVIEPSDLHLPRTTITP..........  384
NTDB id 1473 PAKAF RS24000 WP 003094694.1       LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS..........  385
consensus                                        !** *****  *   *  ***  * * ! ***!!!!!!!!*!**!!!****!** !****!***   *

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1        IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 1144735 LPM7613 RS05415 WP 010946908.1  ...A.....VAVPSTSTNLNGYLQDQEKELILDALEKTKWNRTAAAQLLGVSFRTLRYRLKKLGLD.......   442
NTDB id 1473 PAKAF RS24000 WP 003094694.1       .QEG.....AASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                         * *      **  * ***!* !!***!*****!!* !*!!!!*!!**!!**!!**!!!!!!*!*!
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X non conserved

X similar

X ≥50% conserved