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logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1    MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI    80
NTDB id 184086 A9E81 RS05830 WP 010946908.1 ..MIKSKVLVIDDEPDIRELLTLTLSRMGLICDAVSDFKQGIEHIKQNYYSLVLTDMRLPDGDGIEIVKFIQKYKPQLPV    78
NTDB id 1473 PAKAF RS24000 WP 003094694.1   ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV    78
consensus                                     * * **!**!!!*!***!* *!!*!!** *  *  ******** *  ****!!!**!!!!*!***!*****  !**!*

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1    AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS   160
NTDB id 184086 A9E81 RS05830 WP 010946908.1 AVITAYGNVEGAVNTLKAGAFDYVSKPVDLKMLRELVKTALSMQN...PSTE.SPDEGLLVGESLIMQQLRESIHKLARS   154
NTDB id 1473 PAKAF RS24000 WP 003094694.1   AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRN...PEAEEAPVDNRLLGESPPMRALRNQIGKLARS   155
consensus                                   !**!!!!*** !***!!!!!!!***!!!**  !**!* *!! ***   ***! **** *!*!*!*****!!  ! !*!!!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1    QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE   240
NTDB id 184086 A9E81 RS05830 WP 010946908.1 QAPVFIQGDSGVGKELVAQLIHANGPRKDKPFIPVNCGAIPGELMESEFFGHKKGSFTGAISDKTGLFVAAHGGTLFLDE   234
NTDB id 1473 PAKAF RS24000 WP 003094694.1   QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE   235
consensus                                   !!!!***!*!!*!!!*!!*!*! ***! **!!***!!!!!!*!!!!!!*!!!!!!!!!!!* !!*!!**!*!!*!!!!!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1    IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL   320
NTDB id 184086 A9E81 RS05830 WP 010946908.1 IAELPLAMQVKLLRAIQEKAIKPIGELYEIPVDVRILSASHKNLIEEINAGRFRQDLYYRINVIELRVPTLMERLSDIPC   314
NTDB id 1473 PAKAF RS24000 WP 003094694.1   VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL   315
consensus                                   *!*!!**!!!!!!!!*!!!*****!  *!* !!*!***!*!**!  ** *!*!!!!!**!**!**!**!*!*!! *!***

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1    LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS   400
NTDB id 184086 A9E81 RS05830 WP 010946908.1 LTEAILKKLSKNQNRNLVKINPSCFEILSRYHFPGNVRELENILERAMAMCEGEVIEPSDLHLPRTTITP.........   384
NTDB id 1473 PAKAF RS24000 WP 003094694.1   LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS.........   385
consensus                                   !** *****  *   *  ***  * * ! ***!!!!!!!!!*!**!!!****!** !****!***   *

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1    IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 184086 A9E81 RS05830 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