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logo
NTDB id 1045 HON27 RS16330 WP 168727019.1    MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI    80
NTDB id 178550 A5480 RS05955 WP 027224131.1 ..MTKSKVLVIDDEPDIRELLTLTLSRMGLTCDAVSDFKQGIEHIKQNYYSLVLTDMRLPDGDGIEIVKFIQKYKPQMPV    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 178550 A5480 RS05955 WP 027224131.1 AVITAYGNVEGAVNTLKAGAFDYVSKPIDLKMLRDLVKTALSMQN...PPTEKL.DEGLLVGESLVMQQLRENIHKLARS   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 178550 A5480 RS05955 WP 027224131.1 QAPVFIQGASGVGKELVAQLIHANGPRKDKPFIPVNCGAIPGELMESEFFGHKKGSFTGAISDKTGLFVAAHGGTLFLDE   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 178550 A5480 RS05955 WP 027224131.1 IAELPLAMQVKLLRAIQEKAIKPIGELYEVPVDVRILSASHKNLIEEVNAGSFRQDLYYRINVIELRVPTLMERLSDIPC   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 178550 A5480 RS05955 WP 027224131.1 LTEAILRKLSKNQNRNLVKINPSCFEILSRYHFPGNVRELENILERAMAMCEGEVIEPSDLHLPRTTITP.........   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 178550 A5480 RS05955 WP 027224131.1 ...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