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logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI    80
NTDB id 100522 QUD69 RS00980 WP 269687897.1  ..MMQPTVLIIDDEPDILELLELTLGRMSLQTRSAKTMGEALNLLQSHHFDLCLTDMRLPDGDGLSIVRHIQQHFTSTPV    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 100522 QUD69 RS00980 WP 269687897.1  AMITAYGSLDTAISALKAGAFDFLTKPVDLARLRELVSTALRLRDSQ..TEPGPQAQDPILGISPPIERLRNQIGKLARS   156
NTDB id 1473 PAKAF RS24000 WP 003094694.1    AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPE..AEEAPV.DNRLLGESPPMRALRNQIGKLARS   155
consensus                                    !**!!!!**!*!! !!!!!!!!!**!!!****!**!* *!!***   *   ******* *   **! !*!*   !!**!*!*!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     QAPVFVTGESGTGKELVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE   240
NTDB id 100522 QUD69 RS00980 WP 269687897.1  QAPLYISGESGSGKELVARRIHALSPRAEQPFVPVNCGAIPSELMESEFFGHRKGSFSGAVADKPGLFQAANHGTLFLDE   236
NTDB id 1473 PAKAF RS24000 WP 003094694.1    QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE   235
consensus                                    !!!****!!!!*!!!*!!***! ***! ! !!***!!!!!!*!!!!!!*!!!*!!!!*!!* !!*!!***! *!*!!!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL   320
NTDB id 100522 QUD69 RS00980 WP 269687897.1  VADLPMAMQVKLLRAIQEKAVRAVGSQHEEAVDVRLLCATHKDLANEVAQGRFRQDLFYRINVIELQVPPLRARREDLPL   316
NTDB id 1473 PAKAF RS24000 WP 003094694.1    VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL   315
consensus                                    *!*!!**!!!!!!!!*!!!**!*!!***!**!!*!***!*!*!!* *!**!*!!!!!**!**!**! *!!!!*!*!!**!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS   400
NTDB id 100522 QUD69 RS00980 WP 269687897.1  LVRSILGRLAERANRPAPAVTEAGMERLLNYRFPGNVRELENALERAFTLCEGQQIDANDLWLSACPSAA.........   386
NTDB id 1473 PAKAF RS24000 WP 003094694.1    LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS.........   385
consensus                                    !*  ** *** *   !*  *!*** **!****!!!!!!!!*!**!!!*!!*!* *!*  *! **  ***

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 100522 QUD69 RS00980 WP 269687897.1  ......QDDTPDFSQIDHLEDYLDNIERQAITQALEETRWNKTAAAKRLGLTFRSLRYRLKKLGLDD......   447
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ......QEGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                     ** *   * ** !!*!!**!!* ***!!**!*!!*!*!!**!!*!!!!*!!!!!!*!*!
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X non conserved

X similar

X ≥ 50% conserved