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logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      .....MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNY   75
NTDB id 1017639 ABX024 RS04855 WP 370579935.1 MNNNNQMDLEKPVLIIDDEADIRDLMELTLIKMGLSVKTVAGVAEAKKALRTHAFSLVLTDMRMPDGSGLEIVDYITAHN   80
NTDB id 1473 PAKAF RS24000 WP 003094694.1     .......MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRH   73
consensus                                            *     *!**!!! !***!***!!**!** ****  ! *!* **    ****!!!***!!!!!!**! ****

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      PNTPIAVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHD........................TT  131
NTDB id 1017639 ABX024 RS04855 WP 370579935.1 LDIPIAVITAYGNAAQAVQALKNGAFDYLQKPITLAQLRTLVKSVITINNTAETEIDNKMVTAFKQSENKQKNEDTSATV  160
NTDB id 1473 PAKAF RS24000 WP 003094694.1     PQTPVAMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPE...........................A  126
consensus                                     ***!*!**!!!!*** !**!!!*!!!!***!!* ** !* !* *** *** *                            *

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      ENALENKLLIGRSLPIQQLRIAIKKIARSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFG  211
NTDB id 1017639 ABX024 RS04855 WP 370579935.1 NEQQVRERLLGNSPLITEVRQLISKLAKSNVPVYIAGESGSGKEQAARSIHEQSERRDKAFVAVNCGAIPEALMESEFFG  240
NTDB id 1473 PAKAF RS24000 WP 003094694.1     EEAPVDNRLLGESPPMRALRNQIGKLARSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFG  206
consensus                                     *** *  *!*! !***  *!* ! !*!*!**!!***!!!!*!!!**!***!*** ! ***!***!!!!!!*!!!!!*!!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      HKKGSFTGATQDKQGLILSAHGGSLFLDEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQG  291
NTDB id 1017639 ABX024 RS04855 WP 370579935.1 YKKGSFTGADTDRAGFFQHADGGTLFLDEVADLPLSMQVKLLRAIQERAVRRIGEMEEKQVDVRIICATHKDLNALVESG  320
NTDB id 1473 PAKAF RS24000 WP 003094694.1     HKKGSFTGAIEDKQGLFQAASGGTLFLDEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAG  286
consensus                                     *!!!!!!!!  !**!*** ! !!*!!!!!*!*!!**!!!!!!!!*!!***! *!  *!* !!*!***!*!*!! **!  !

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      KFRQDLFFRIHVMDLILPPLRERGEDVLLLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLS  371
NTDB id 1017639 ABX024 RS04855 WP 370579935.1 QFRQDLFYRLNVVSITMPPLRELRDDLPQLIRVLLQRILHDETM...TLTPEAKKALLQYSYPGNFRELENILERAIALS  397
NTDB id 1473 PAKAF RS24000 WP 003094694.1     RFRQDLYYRLNVIELRVPPLRERREDIPLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLC  366
consensus                                     *!!!!!**!**!*** *!!!!!***!***!*  *****  *  **   !! *!   !*** *!!!*!!!*!**!!!**!*

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      EDATIDISHLHPAPLRANISNPFASAAQS....IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAK  447
NTDB id 1017639 ABX024 RS04855 WP 370579935.1 KNHIIEVDDLQIHSYQLD..NPRTESAENAGSNLSADSNEEIEDYQFGKTQIQDYLDEIERKILEQALAQTRYNRTQAAK  475
NTDB id 1473 PAKAF RS24000 WP 003094694.1     EDDQIQPHDLRLA.......DAPGASQEGAA......S.......LSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQ  426
consensus                                     **  !** *! **        ** * *** **  *   *          *****!!**!!*****!!  !**!!! !!*
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logo

NTDB id 1045 HON27 RS16330 WP 168727019.1        KLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 1017639 ABX024 RS04855 WP 370579935.1    LLGISFRSMRYRMERLGIV.......   494
NTDB id 1473 PAKAF RS24000 WP 003094694.1        RLGLTFRSMRYRLKKLGID.......   445
consensus                                        *!!**!!!*!!!****!**
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X non conserved

X similar

X ≥ 50% conserved