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logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI    80
NTDB id 1093927 ACMG4M RS04220 WP 414430761.1 MSADTPHVLVVDDEADLRELLVITLGRMKLKATAAESLGAAKAALADGRFNLCLTDMNLGDGTGLELLQFIARHCPEMPT    80
NTDB id 1473 PAKAF RS24000 WP 003094694.1   ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV    78
consensus                                   *     * *!*!!!! !***!* *!!*!!***  !  *  !* ***   ***!!!!**!*!!*!!*!*** *  !**!*

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS   160
NTDB id 1093927 ACMG4M RS04220 WP 414430761.1 AVITAYGSMETATDAMKYGAYDFIAKPVSLDRLRQLIEDGLDINEVEDH....HEEEDNLIGEAPSMRALKAQVRKLARS   156
NTDB id 1473 PAKAF RS24000 WP 003094694.1   AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAE...EAPVDNRLLGESPPMRALRNQIGKLARS   155
consensus                                   !**!!!!****!* !*!*!!*!!**!!! * *!**!*  *! ** *! *    * **  !*!*******!* ***!*!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE   240
NTDB id 1093927 ACMG4M RS04220 WP 414430761.1 QAPIYISGESGSGKERIARLIHNLGSRREKPFVAVNCGAIPSELMESEFFGHRKGAFTGAVEDRKGLFREADGGTLFLDE   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 1093927 ACMG4M RS04220 WP 414430761.1 VADLPLHMQVKLLRAIQEKSVRPVGEPREFQVNLRILCATHKDLAQEMAEGRFRQDLFYRLNVIEAHVPPLRERQEDIPA   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 1093927 ACMG4M RS04220 WP 414430761.1 LVGHILKRLSEAWEIAPPIVSASAMKTLEQYTYPGNVRELENTLERALTLCDGKEIQEEHLRLQTDT......LPKAATA   390
NTDB id 1473 PAKAF RS24000 WP 003094694.1   LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAP......GASQEGA   389
consensus                                   !* ******  ******  *** !   ! ** *!!!!!!!!*!**!!!*!!***  !*  *!***         **** *

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 1093927 ACMG4M RS04220 WP 414430761.1 ..TTRETCTSPERPLGQPLEEFLQDIERQEILKALDATHWNRTAAAKKLGMTFRSLRYRLKKLDLDRSPGESE   461
NTDB id 1473 PAKAF RS24000 WP 003094694.1   ..........ASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                     **         *   * !!**!**!!* ***!!* !*!!!!*!!**!!*!!!!*!!!!!!***!
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X non conserved

X similar

X ≥ 50% conserved