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logo

NTDB id 1045 HON27 RS16330 WP 168727019.1     MAEQQPLVLLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI    80
NTDB id 103557 QUE89 RS03695 WP 286221893.1  ..MTTHTALIVDDEPDIRDLLEITLTRMGIKAQTASDLTSARKLLDEHSFHLCLTDMNLPDGNGIELVQWIQQHAPATPV    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 103557 QUE89 RS03695 WP 286221893.1  AVITAYGNMDTAIQSLKAGAFDFVSKPVELPRLRELVNSALRLSQPKPEQDDASDEPGLLLGNSPQIKTLRNQTRKLARS   158
NTDB id 1473 PAKAF RS24000 WP 003094694.1    AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAEEAP...VDNRLLGESPPMRALRNQIGKLARS   155
consensus                                    !**!!!!**!*!!**!!!!!!!!**!!!** *!**!***!!** *** *  *   *  *!*! !**** !!****!*!!!

logo

NTDB id 1045 HON27 RS16330 WP 168727019.1     QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE   240
NTDB id 103557 QUE89 RS03695 WP 286221893.1  QAPVFISGESGSGKELVARMIHLQGPRREGPFIAVNCGAIPSELMESEFFGHKKGSFTGAVENKDGLFRSASGGTLFLDE   238
NTDB id 1473 PAKAF RS24000 WP 003094694.1    QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE   235
consensus                                    !!!!***!!!!*!!!*!!***! ***! !*!!***!!!!!!*!!!!!!*!!!!!!!!!!!***!*!!* *!*!!*!!!!!

logo

NTDB id 1045 HON27 RS16330 WP 168727019.1     IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL   320
NTDB id 103557 QUE89 RS03695 WP 286221893.1  VADLPLAMQVKLLRAIQEKAVRPVGDTREIPVDIRVLSATHKNLPELVQEGSFRQDLFYRINVIELGVPPLRERAADIEL   318
NTDB id 1473 PAKAF RS24000 WP 003094694.1    VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL   315
consensus                                    *!*!!**!!!!!!!!*!!!**!*!!  *!* !!*!***!*!**!  *!  !*!!!!!**!**!**! *!!!!!!**!* !

logo

NTDB id 1045 HON27 RS16330 WP 168727019.1     LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS   400
NTDB id 103557 QUE89 RS03695 WP 286221893.1  LGSHILERIAREYECQPALLTPEAVSLLQDYDFPGNVRELENILERAYTLCDADRIGPEDLHLGNGGQHSTAPKDSAPDT   398
NTDB id 1473 PAKAF RS24000 WP 003094694.1    LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQE.......   387
consensus                                    !* *** *** *** *** !! *! * ! ** !!!!!!!!*!**!!!*!!**** ! * *!*** * * ** *  **  *

logo

NTDB id 1045 HON27 RS16330 WP 168727019.1     IQTTVAAPQAV.KKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 103557 QUE89 RS03695 WP 286221893.1  D...STGPETITTPDGEIDLESYLESIERQTIEKALEATRWNKTAAAKRLGISFRALRYRLKKLDME.......   462
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ......GAAS...LSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                          ** **       * !! !!! !!* ****!!* !*!!*!*!!**!!**!!**!!!!!!****
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X non conserved

X similar

X ≥ 50% conserved