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logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPIAVLTA   85
NTDB id 133200 LT85 RS21920 WP 038493188.1  ..MTSPRILVVDDEAHLRELLEIALVKMGLDVDSADSLSAARSHLAANDYALVLTDMRLPDGLGIELVREVTNGDKVIPIAVITA   83
NTDB id 1473 PAKAF RS24000 WP 003094694.1  ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPVAMITA   83
consensus                                   ** ***!*!!!! ****!****!**!**** *!  *  !* ***   ****!!!**!!!!*!**!!* ***  ***!*!**!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   YGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDT......TENALENKLLIGRSLPIQQLRIAIKKIARSQAPV   164
NTDB id 133200 LT85 RS21920 WP 038493188.1  YGSADNAVVALKAGAFDYLSKPVALDQLRLMVQSALRIGKPADSPRQPGDAKARSNTSLRLIGQSAAMQELRTQIVRLARSMAPV   168
NTDB id 1473 PAKAF RS24000 WP 003094694.1  YGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAEE.........APVDNRLLGESPPMRALRNQIGKLARSQAPV   159
consensus                                   !!**! !* !!!!!!!!***!!! *  !* ****!!** *** *           *    *!*! ! *** !! *! **!!!*!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   FVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDEIAELPLSMQ   249
NTDB id 133200 LT85 RS21920 WP 038493188.1  AITGESGSGKELAARDIHALSPRADKPFVAVNCGAIPEALMEAEFFGYRKGAFTGAADDREGFFQAANGGTLLLDEVADLPLAMQ   253
NTDB id 1473 PAKAF RS24000 WP 003094694.1  YISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDEVADLPMAMQ   244
consensus                                   ***!!!!*!!!**!***! ***! **!!***!!!!!!**!!!*!*!!**!!*!!!! *!**!****! !!*!*!!!*!*!!**!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   VKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLLLANHFIQKICMEW.   333
NTDB id 133200 LT85 RS21920 WP 038493188.1  VKLLRAIQERRVRKVGATVEEPVDVRLISATHQNLAECVESGRFRQDLYYRLNVIELKLPPLRERLDDLGLLIDTVLGRLAAFAP   338
NTDB id 1473 PAKAF RS24000 WP 003094694.1  VKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPLLAERILKRLAGDTG   329
consensus                                   !!!!!!*!!***! !!* *!* !!*!***!*!**!*  !  !*!!!!!**!**!**!**!!!!!! *!* !!** ** *****

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   ETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAA.........QSIQTT...V   405
NTDB id 133200 LT85 RS21920 WP 038493188.1  QAVPVTLTPAAMAVLCSYAFPGNVRELENILERALAFANDGVIEVADLGLKGGGNG..RPLESQGMGDGEADAGLATLPASFAPV   421
NTDB id 1473 PAKAF RS24000 WP 003094694.1  L.PAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGA..S...........QECAA.........   390
consensus                                     **  !! *!   ! ** !!!!!!!!*!**!!!*** *!* !** *! ** * **   *  * *        * ***  *   *

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   A...APQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 133200 LT85 RS21920 WP 038493188.1  AATTASLLSGSELPPSLPDYLDDIERDVIRRALTRTHFNRTKAADLLGISFRQLRYRMQRLSIHEQD....   488
NTDB id 1473 PAKAF RS24000 WP 003094694.1  .........SLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                   *   *          * !**!!**!!******!!   !**!!! !! *!!*!!**!!!*******
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X non conserved

X similar

X ≥50% conserved