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logo

NTDB id 1045 HON27 RS16330 WP 168727019.1     MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
NTDB id 999754 ABFT88 RS05265 WP 228957555.1 .MNETKSALVVDDERDIRELLVLTLGRMGLRISTAANLAEARELLASNPYDLCLTDMRLPDGNGIELVTEIARQYPQTPV   79
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
consensus                                          *!*!!!! !***!* *!!*!!*** *! ** *!**!**  **!*!!!!**!!!!*!**!!  * ***!*!!*

logo

NTDB id 1045 HON27 RS16330 WP 168727019.1     AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDT..TENALENKLLIGRSLPIQQLRIAIKKIA   158
NTDB id 999754 ABFT88 RS05265 WP 228957555.1 AMITAFGSMDLAVEALKAGAFDFVSKPVDISVLRGLVKHALELNNRDRPAPPPPPPEQASRLLGDSTAMESLRSTIGKVA   159
NTDB id 1473 PAKAF RS24000 WP 003094694.1    AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAEEA.....PVDNRLLGESPPMRALRNQIGKLA   153
consensus                                     !**!!*!**!*!* !!!!!!!!!**!!!**  !* !*  !! *** * *           *!*!*! **  !!  !*!*!

logo

NTDB id 1045 HON27 RS16330 WP 168727019.1     RSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFL   238
NTDB id 999754 ABFT88 RS05265 WP 228957555.1 RSQAPVYIVGESGVGKELVARNIHEQGARAAGPFIPVNCGAIPAELMESEFFGHKKGSFTGAHADKPGLFQAAHGGTLFL   239
NTDB id 1473 PAKAF RS24000 WP 003094694.1    RSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFL   233
consensus                                     !!!!!!**!!!!*!!!*!!***!*** ! **!!***!!!!!!*!!!!!!*!!!!!!!!!!!  !!*!!***!*!!*!!!

logo

NTDB id 1045 HON27 RS16330 WP 168727019.1     DEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDV   318
NTDB id 999754 ABFT88 RS05265 WP 228957555.1 DEVAELPLQMQVKLLRAIQEKSVRPVGASGETLVDVRILSATHKDLGDLVSDGRFRHDLYYRINVIELRVPPLRERSGDL   319
NTDB id 1473 PAKAF RS24000 WP 003094694.1    DEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDI   313
consensus                                     !!*!*!!* !!!!!!!!*!!! *!*!!* *!* !!*!***!*!*!!* *!  !*!!*!!**!**!**!**!!!!!! *!*

logo

NTDB id 1045 HON27 RS16330 WP 168727019.1     LLLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAA   398
NTDB id 999754 ABFT88 RS05265 WP 228957555.1 PQLAAAIIARLARSHGRPIPLLTQSALDALNQYGFPGNVRELENILERALALAEDDQISATDLRLPAHGGHRL...AASP   396
NTDB id 1473 PAKAF RS24000 WP 003094694.1    PLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ...EGAA   390
consensus                                     **!!  ** *** * * !   !!  ! * ! ** !!!!!!!!*!**!!!**! !!**!  **!***   *      ****

logo

NTDB id 1045 HON27 RS16330 WP 168727019.1     QSIQTTVAAPQAV..KKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 999754 ABFT88 RS05265 WP 228957555.1 G..TAAVEPREAVVDIDPASSALPSYIEQLERAAIQKALEENRWNKTKTAAQLGITFRALRYKLKKLGME.......   464
NTDB id 1473 PAKAF RS24000 WP 003094694.1    S..........L....SEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                          *    **       ***!* !*!**!* ****!!****!!*! *! *!!*!!!**!!*!!!*!**
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X non conserved

X similar

X ≥50% conserved