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logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
NTDB id 1001137 ABFT90 RS16160 WP 043877723.1  .MNETKSALVVDDERDIRELLVLTLGRMGLRISTAANLAEARELLASNPYDLCLTDMRLPDGNGIELVTEIARQYPQTPV   79
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
consensus                                            *!*!!!! !***!* *!!*!!*** *! ** *!**!** **!*!!!!**!!!!*!**!! * ***!*!!*

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDT..TENALENKLLIGRSLPIQQLRIAIKKIA  158
NTDB id 1001137 ABFT90 RS16160 WP 043877723.1  AMITAFGSMDLAVEALKAGAFDFVSKPVDISVLRGLVKHALELNNRDRPAPPPPPLEQASRLLGDSTAMESLRSTIGKVA  159
NTDB id 1473 PAKAF RS24000 WP 003094694.1     AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAEEA.....PVDNRLLGESPPMRALRNQIGKLA  153
consensus                                      !**!!*!**!*!* !!!!!!!!!**!!!**  !* !*  !! *** * *          *!*!*! **  !!  !*!*!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      RSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFL  238
NTDB id 1001137 ABFT90 RS16160 WP 043877723.1  RSQAPVYIVGESGVGKELVARTIHEQGARAAGPFIPVNCGAIPAELMESEFFGHKKGSFTGAHADKPGLFQAAHGGTLFL  239
NTDB id 1473 PAKAF RS24000 WP 003094694.1     RSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFL  233
consensus                                      !!!!!!***!!!!*!!!*!!***!*** ! **!!***!!!!!!*!!!!!!*!!!!!!!!!!  !!*!!***!*!!*!!!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      DEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDV  318
NTDB id 1001137 ABFT90 RS16160 WP 043877723.1  DEVAELPLQMQVKLLRAIQEKSVRPVGASGETLVDVRILSATHKDLGDLVSDGRFRHDLYYRINVIELRVPPLRERSGDL  319
NTDB id 1473 PAKAF RS24000 WP 003094694.1     DEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDI  313
consensus                                      !!*!*!!* !!!!!!!!!*!!! *!*!!* *!* !!*!***!*!*!!* *!  !*!!*!!**!**!**!**!!!!!! *!*

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      LLLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAA  398
NTDB id 1001137 ABFT90 RS16160 WP 043877723.1  PQLAAAIIARLARSHGRPIPLLTQSALDALDTYGFPGNVRELENILERALALAEDDQISASDLRLPAHGGHRL...AASP  396
NTDB id 1473 PAKAF RS24000 WP 003094694.1     PLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ...EGAA  390
consensus                                      **!!  ** *** * * !   !!  ! * ! ** !!!!!!!!!*!**!!!**! !!**!  **!***   *      ****

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      QSIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 1001137 ABFT90 RS16160 WP 043877723.1  GSAAIEPREAVVDIDPASSALPSYIEQLERAAIQKALEENRWNKTKTAAQLGITFRALRYKLKKLGME.......   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