```
logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
NTDB id 1039794 ACCQ05 RS05485 WP 228962908.1  .MNEPKSALVVDDERDIRELLVLTLGRMGLRISTAANLAEARELLANNPYDLCLTDMRLPDGNGIELVTEIAKQYPQTPV   79
NTDB id 1473 PAKAF RS24000 WP 003094694.1  ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
consensus                                   *!*!!!! !***!* *!!*!!*** *! ** *!**!*** **!*!!!!**!!!!*!**!! * ***!*!!*

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHD..TTENALENKLLIGRSLPIQQLRIAIKKIA   158
NTDB id 1039794 ACCQ05 RS05485 WP 228962908.1  AMITAFGSMDLAVEALKAGAFDFVSKPVDIGVLRGLVKHALELNNRDRPAPPAPPPEQASRLLGDSTAMEGLRATIGKVA   159
NTDB id 1473 PAKAF RS24000 WP 003094694.1  AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAEE.....APVDNRLLGESPPMRALRNQIGKLA   153
consensus                                   !**!!*!**!*!* !!!!!!!!!**!!!*** !* !*  !! *** * *      *    *!*!*! ** *!!  !*!*!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   RSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFL   238
NTDB id 1039794 ACCQ05 RS05485 WP 228962908.1  RSQAPVYIVGESGVGKELVARTIHEQGARAAGPFVPVNCGAIPAELMESEFFGHKKGSFTGAHADKPGLFQAAHGGTLFL   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 1039794 ACCQ05 RS05485 WP 228962908.1  DEVAELPLQMQVKLLRAIQEKSVRPVGASGETLVDVRILSATHKDLGDLVSDGRFRHDLYYRINVIELRVPPLRERGGDL   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 1039794 ACCQ05 RS05485 WP 228962908.1  PQLAAAIIARLAHSHGRPIPLLTPSALDALDQYGFPGNVRELENILERALALAEDDQISASDLRLPAHGGHRLAAS.PGA   398
NTDB id 1473 PAKAF RS24000 WP 003094694.1  PLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQEGA....   389
consensus                                   **!!  ** *** * * !   !!  ! * ! ** !!!!!!!!!*!**!!!**! !!**!  **!***   *    *   **

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   QSIQTTVAAPQAV..KKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 1039794 ACCQ05 RS05485 WP 228962908.1  A....AVEPREAVVDIDPASAALPSYIEQLERAAIQKALEENRWNKTKTAAQLGITFRALRYKLKKLGME.......   464
NTDB id 1473 PAKAF RS24000 WP 003094694.1  A....S......L....SEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                   *    **    **      ***!* !*!**!* ****!!****!!*! *! *!!*!!!**!!*!!!*!**
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X non conserved

X similar

X ≥50% conserved