```
logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
NTDB id 1134930 ACLVWC RS05205 WP 053045681.1  .MNEPKSALVVDDERDIRELLVLTLGRMGLRISTAANLAEARELLANNPYDLCLTDMRLPDGNGIELVTEIAKHYPQTPV   79
NTDB id 1473 PAKAF RS24000 WP 003094694.1      ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
consensus                                              *!*!!!! !***!* *!!*!!*** *! ** *!**!*** **!*!!!!**!!!!*!**!!  * * *!*!!*

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEH..DTTENALENKLLIGRSLPIQQLRIAIKKIA  158
NTDB id 1134930 ACLVWC RS05205 WP 053045681.1  AMITAFGSMDLAVEALKAGAFDFVSKPVDISVLRGLVKHALELNNRDRPAPLAPPPEQASRLLGDSAAMEGLRATIGKVA  159
NTDB id 1473 PAKAF RS24000 WP 003094694.1      AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEA.....EEAPVDNRLLGESPPMRALRNQIGKLA  153
consensus                                      !**!!*!**!*!* !!!!!!!!!**!!!**  !* !*  !! *** *       * *    *!*!*! ** *!!  !*!*!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      RSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFL  238
NTDB id 1134930 ACLVWC RS05205 WP 053045681.1  RSQAPVYIVGESGVGKELVARTIHEQGARAAGPFVPVNCGAIPAELMESEFFGHKKGSFTGAHADKPGLFQAAHGGTLFL  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 1134930 ACLVWC RS05205 WP 053045681.1  DEVAELPLQMQVKLLRAIQEKSVRPVGASSESLVDVRILSATHKNLGDLVSDGRFRHDLYYRINVIELRVPPLRERGGDL  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 1134930 ACLVWC RS05205 WP 053045681.1  PQLAAAIIARLAHSHGRPIPLLTQSALDALDQYGFPGNVRELENILERALALAEDDQISATDLRLPAHGGHR...LAATP  396
NTDB id 1473 PAKAF RS24000 WP 003094694.1      PLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS...QEGAA  390
consensus                                      **!!  ** *** * * !   !!  ! * ! ** !!!!!!!!*!**!!!**! !!**!  **!***   *      ****

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      QSIQTTVAAPQAV..KKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV  473
NTDB id 1134930 ACLVWC RS05205 WP 053045681.1  GSA..AVEPREAVVDIDPASAALPSYIEQLERAAIQKALEENRWNKTKTAAQLGITFRALRYKLKKLGME.......  464
NTDB id 1473 PAKAF RS24000 WP 003094694.1      ...........SL....SEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......  445
consensus                                       *    *    **       ***!* !*!**!* ****!!****!!*!  *!  *!!*!!!**!!*!!!*!**
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X non conserved

X similar

X ≥ 50% conserved