```
logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPIAVLTA   85
NTDB id 1134994 XTG RS15500 WP 180496733.1  .MNEPKSALVVDDERDIRELLVLTLGRMGLRISTAANLAEARELLANNPYDLCLTDMRLPDGNGIELVTEIAKHYPQTPVAMITA   84
NTDB id 1473 PAKAF RS24000 WP 003094694.1  ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPVAMITA   83
consensus                                          *!*!!!! !***!* *!!*!!*** *! ** *!**!** **!*!!!!**!!!!*!**!! * * *!*!!*!**!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   YGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHD..TTENALENKLLIGRSLPIQQLRIAIKKIARSQAPVFVTG   168
NTDB id 1134994 XTG RS15500 WP 180496733.1  FGSMDLAVEALKAGAFDFVSKPVDISVLRGLVKHALELNNRDRPAPPAPPPEQASRLLGDSSAMESLRATIGKVARSQAPVYIVG   169
NTDB id 1473 PAKAF RS24000 WP 003094694.1  YGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAEE.....APVDNRLLGESPPMRALRNQIGKLARSQAPVYISG   163
consensus                                  *!**!*!* !!!!!!!!!**!!!**  !* !*  !! *** * *      *    *!*!*! **  !!  !*!*!!!!!!!***!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   ESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDEIAELPLSMQVKLL   253
NTDB id 1134994 XTG RS15500 WP 180496733.1  ESGVGKELVARTIHEQGARAAGPFVPVNCGAIPAELMESEFFGHKKGSFTGAHADKPGLFQAAHGGTLFLDEVAELPLQMQVKLL   254
NTDB id 1473 PAKAF RS24000 WP 003094694.1  ESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDEVADLPMAMQVKLL   248
consensus                                  !!!*!!!*!!***!*** ! **!!***!!!!!!*!!!!!!*!!!!!!!!!!!  !!*!!***!*!!*!!!!!*!*!!* !!!!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   RAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLLLANHFIQKICMEWETPPK   338
NTDB id 1134994 XTG RS15500 WP 180496733.1  RAIQEKSVRPVGASSESLVDVRILSATHKNLGDLVSDGRFRHDLYYRINVIELRVPPLRERGGDLPQLAAAIIARLAHSHGRPIP   339
NTDB id 1473 PAKAF RS24000 WP 003094694.1  RAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPLLAERILKRLAGDTGLPAA   333
consensus                                  !!*!!!  *!*!!* *!* !!*!***!*!**!* *!  !*!!*!!**!**!**!**!!!!!!**!***!!  ** *** * * !

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   QLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQSIQTTVAAPQAV..KKLPSEGLER   421
NTDB id 1134994 XTG RS15500 WP 180496733.1  LLTQSALDALDRYGFPGNVRELENILERALALAEDDQISATDLRLPAHGGHR...LAATPGSA..AVEPREAVVDIDPASAALPS   419
NTDB id 1473 PAKAF RS24000 WP 003094694.1  RLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS...QEGAA...........SL....SEIDNLED   400
consensus                                   !!   ! *  ! **  !!!!!!!!!*!**!!!**! !!**!  **!***   *      **** *    *    **      ***!*

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   YLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 1134994 XTG RS15500 WP 180496733.1  YIEQLERAAIQKALEENRWNKTKTAAQLGITFRALRYKLKKLGME.......   464
NTDB id 1473 PAKAF RS24000 WP 003094694.1  YLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                  !*!**!* ****!!****!!*!  *!  *!!*!!!**!!*!!!*!**
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X non conserved

X similar

X ≥50% conserved