```
logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPIAVLTA   85
NTDB id 132693 XFHB RS12650 WP 088578455.1  .MNQSRSALIVDDERDIRELLVLTLGRMGLRIRTAANLAQAYALLESDSFNLCITDMRLPDGSGIELVNKIVRHYPRTPVAMITA   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 132693 XFHB RS12650 WP 088578455.1  FGSIELAVEALKEGAFDFVSKPVDLNVLRGMVRHALELNNRERSVVSSQPQSPSQRLLGESLPMAQLRATIAKVARSQAPVYILG   169
NTDB id 1473 PAKAF RS24000 WP 003094694.1  YGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAE.....EAPVDNRLLGESPPMRALRNQIGKLARSQAPVYISG   163
consensus                                   *!****!* !!!*!!!!!**!!!**  !* **  !! *** ! *  **  *   **!*!*!*!* *!!  !*!*!!!!!!!***!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   ESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDEIAELPLSMQVKLL   253
NTDB id 132693 XFHB RS12650 WP 088578455.1  ESGVGKELVARTIHEQSVRAAGAFVPVNCGAIPVDLMESEFFGHKKGSFTGAHTDKPGLFQSAGGGTLFLDEVAELPLHMQVKLL   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 132693 XFHB RS12650 WP 088578455.1  RAIQEKSIRPIGATVEVPVDVRILSATHQDLSDLIANGRFRHDLYYRINVIEIRVPPLRERAGDLPHLAAAIVARLAHTHGRAVP   339
NTDB id 1473 PAKAF RS24000 WP 003094694.1  RAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPLLAERILKRLAGDTGLPAA   333
consensus                                   !!*!!!  *!**!* *!* !!*!***!*!*!!  ****!*!!*!!**!**!*****!!!!!!**!***!!  ** *** * * *

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NTDB id 1045 HON27 RS16330 WP 168727019.1   QLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRAN...ISNPFASAAQSIQTTVAAPQAVKKLPSEGLE   420
NTDB id 132693 XFHB RS12650 WP 088578455.1  LLSPSALEALDHYSFPGNVRELENILERALALTEDDHIGVADLHLPQGSLHGQGLRLPLVPTVLPIVPVDASASVEGENTPAALP   424
NTDB id 1473 PAKAF RS24000 WP 003094694.1  RLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQE...................GAASLSEIDNLE   399
consensus                                   !*  ! * ! ** !!!!!!!!*!**!!!**!*!!* ! * *!*** * *  * *  *       *    *   *      **!*

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   RYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 132693 XFHB RS12650 WP 088578455.1  SYMEQLERAAIQKALEENRWNKTKTAAKLGITFRALRYKLKKLGME.......   470
NTDB id 1473 PAKAF RS24000 WP 003094694.1  DYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                   !*!**!* ****!!****!!*! *! *!!*!!!**!!*!!!*!**
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X non conserved

X similar

X ≥50% conserved