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logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPIAVLTA   85
NTDB id 113700 P303 RS00180 WP 020851962.1  .MNESRSALIVDDERDIRELLVLTLGRMGLRIRTAANLAQAYALLESDSFNLCITDMRLPDGSGIELVKKIVRHYPRTPVAMITA   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 113700 P303 RS00180 WP 020851962.1  FGSIELAVEALKEGAFDFVSKPVDLNVLRGMVRHALELNNRERSVVSSQPQSPSQRLLGESSPMAQLRATIAKVARSQAPVYILG   169
NTDB id 1473 PAKAF RS24000 WP 003094694.1  YGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAE.....EAPVDNRLLGESPPMRALRNQIGKLARSQAPVYISG   163
consensus                                   *!****!* !!!*!!!!!**!!!**  !* **  !! *** ! *  **  *   **!*!*! !* *!!  !*!*!!!!!!!***!

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NTDB id 1045 HON27 RS16330 WP 168727019.1   ESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDEIAELPLSMQVKLL   253
NTDB id 113700 P303 RS00180 WP 020851962.1  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 113700 P303 RS00180 WP 020851962.1  RAIQEKSIRPIGATVEVPVDVRILSATHQDLSDLIANGRFRHDLYYRINVIEIRVPPLRERVGDLPHLAAAIVARLAHTHGRAVP   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 113700 P303 RS00180 WP 020851962.1  LLSPSALEALDHYSFPGNVRELENILERALALTEDDHIGVADLHLPQGSLHGQGLPLPLVPTVLPIVPVDASALVEGENTPAALP   424
NTDB id 1473 PAKAF RS24000 WP 003094694.1  RLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQEG...................AASLSEIDNLE   399
consensus                                   !*  ! * ! ** !!!!!!!!*!**!!!**!*!!* ! * *!*** * *  * *  *       *    *   *      **!*

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   RYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 113700 P303 RS00180 WP 020851962.1  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