```
logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPIAVLTA   85
NTDB id 113590 D934 RS12520 WP 020851242.1  .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 113590 D934 RS12520 WP 020851242.1  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 113590 D934 RS12520 WP 020851242.1  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 113590 D934 RS12520 WP 020851242.1  RAIQEKSIRPIGATVEVPVDVRILSATHQDLSDLIANGRFRHDLYYRINVIEIRVPPLRERAGDLLHLAAAIVARLAHTHGRAVP   339
NTDB id 1473 PAKAF RS24000 WP 003094694.1  RAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPLLAERILKRLAGDTGLPAA   333
consensus                                  !!*!!!  *!**!* *!* !!*!***!*!*!!  ****!*!!*!!**!**!*****!!!!!!**!***!!  ** *** * * *

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NTDB id 1045 HON27 RS16330 WP 168727019.1   QLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRA...NISNPFASAAQSIQTTVAAPQAVKKLPSEGLE   420
NTDB id 113590 D934 RS12520 WP 020851242.1  LLSPSALEALEHYSFPGNVRELENILERALALTEDNHIGAADLHLPQGSLHGQGLPLPLVPTALPIVPVDASASVEGENTPAALP   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 113590 D934 RS12520 WP 020851242.1  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