```
logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPIAVLTA   85
NTDB id 141422 VN11 RS17165 WP 008265059.1  .MNETRSALVVDDERDIRELLVLTLGRMGLRISTAANLAEARELLASNPYDLCITDMRLPDGNGIELVSEIAQHYPRTPVAMITA   84
NTDB id 1473 PAKAF RS24000 WP 003094694.1  ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPVAMITA   83
consensus                                          *!*!!!! !***!* *!!*!!*** *! ** *!**!**  **!*!*!!**!!!!*!**!! * ! *!*!!*!**!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   YGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTT.ENALENKLLIGRSLPIQQLRIAIKKIARSQAPVFVTGE   169
NTDB id 141422 VN11 RS17165 WP 008265059.1  FGSMDLAVEALKAGAFDFVSKPVDISVLRGLVKHALELNNTERPAPGPSAEQGARLLGDSPAMDVLRTTIGKVARSQAPVYILGE   169
NTDB id 1473 PAKAF RS24000 WP 003094694.1  YGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAE....EAPVDNRLLGESPPMRALRNQIGKLARSQAPVYISGE   164
consensus                                  *!**!*!* !!!!!!!!!**!!!**  !* !*  !! *** ! *     !    *!*!*!***  !!  !*!*!!!!!!!**!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   SGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDEIAELPLSMQVKLLR   254
NTDB id 141422 VN11 RS17165 WP 008265059.1  SGVGKELVARTIHAQGARAAGPFVPVNCGAIPGELMESEFFGHRKGSFSGAHADKPGLFQAAHGGTLFLDEVAELPLQMQVKLLR   254
NTDB id 1473 PAKAF RS24000 WP 003094694.1  SGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDEVADLPMAMQVKLLR   249
consensus                                  !!*!!!*!!***! ** ! **!!***!!!!!!*!!!!!!*!!!*!!!!*!!  !!*!!***!*!!*!!!!!*!*!!* !!!!!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   AVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLLLANHFIQKICMEWETPPKQ   339
NTDB id 141422 VN11 RS17165 WP 008265059.1  AIQEKSVRAVGAPNEEPVDVRILSATHRDLAELVEDGRFRHDLYYRINVIELKVPPLRERRQDLPELAAAVLARLARSHGRATPL   339
NTDB id 1473 PAKAF RS24000 WP 003094694.1  AIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPLLAERILKRLAGDTGLPAAR   334
consensus                                  !*!!!  *!*!!* *!* !!*!***!*!*!!* *!  !*!!*!!**!**!**!**!!!!!!**!***!!  ** *** * * *

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   LTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQSIQTTVAAPQAV..KKLPSEGLERY   422
NTDB id 141422 VN11 RS17165 WP 008265059.1  LAPSALEALAQYAFPGNVRELENILERALALAEEDCIGADDLRLPQHAPRAP...........GSAAPAEAVADLQPGSAALPSY   413
NTDB id 1473 PAKAF RS24000 WP 003094694.1  LTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ...........EGAAS.......LSEIDNLEDY   401
consensus                                  !*  ! * ! ** !!!!!!!!*!**!!!**! !** !   *!***   *              **!   **       ***!* !

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1   LENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 141422 VN11 RS17165 WP 008265059.1  IEQLERSAIQRALEENRWNKTRTAAQLGITFRALRYKLKKLGME.......   457
NTDB id 1473 PAKAF RS24000 WP 003094694.1  LEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                  *!**!* ****!!****!!*! *! *!!*!!!**!!*!!!*!**
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X non conserved

X similar

X ≥50% conserved