```
logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI    80
NTDB id 348838 EY643 RS19645 WP 205743140.1  ..MAAQSVLIVDDEPDIRELLDITLSRMGLETYSAATLGEARARFKEIEPDLCLTDMKLPDGNGISLVEYIQQDFPQVPV    78
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV    78
consensus                                      *  * *!*!!!!*!***!***!!*!!***! *!  * *!* **    *!*!!!!*!!!!*!**!! ***! *!**!*

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS   160
NTDB id 348838 EY643 RS19645 WP 205743140.1  AMITAHGSVETAISALKAGAFDFISKPIELDTLRKLVHSALQLPGDTT..DVDTAVDHDLIGSAPAVETLRQQIIKLARS   156
NTDB id 1473 PAKAF RS24000 WP 003094694.1    AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEA...EEAPVDNRLLGESPPMRALRNQIGKLARS   155
consensus                                    !**!!*!****!! !!!!!!!!!*!!***  !* !* *!!**   *    *** **  !*! ****  !!**! !*!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE   240
NTDB id 348838 EY643 RS19645 WP 205743140.1  QAPVHIRGESGSGKEVVARLIHNNGPRAAGNFVAVNCGAIPPDLMESELFGHIKGSFTGANADKPGLFQAAAGGTLFLDE   236
NTDB id 1473 PAKAF RS24000 WP 003094694.1    QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE   235
consensus                                    !!!!**!!!!*!!!*!!*!* ***! ***!***!!!!!!**!!!!!*!!!*!!!!!!!  !!*!!***! !!*!!!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL   320
NTDB id 348838 EY643 RS19645 WP 205743140.1  VADLPLGMQVKLLRAIQEKSVRPVGASAEQATDVRLLSATHKDLAAEVEAGRFRNDLYYRINVIDVQVPSLRERREDLPA   316
NTDB id 1473 PAKAF RS24000 WP 003094694.1    VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL   315
consensus                                    *!*!!**!!!!!!!!!*!!! *!*!!* *!***!*!***!*!*!!***! *!*!!*!!**!**!*** *!*!!!!*!!***

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS   400
NTDB id 348838 EY643 RS19645 WP 205743140.1  LAENILSRISNEEGSTRATLDASALDALSGYDFPGNVRELENVLERAFALSDGSQITDEDLQFPSNSPSPRNPTTRT...   393
NTDB id 1473 PAKAF RS24000 WP 003094694.1    LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQEG.......   388
consensus                                    !!* ** **  * *** * !** ! * ! ** !!!!!!!!*!**!!!**!*** *!   *!  *   *   **

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     IQTTVA.APQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 348838 EY643 RS19645 WP 205743140.1  RKTDAPGSEVWNLRDADGDLEGFLEDIERKVLTSTLEQNRWNRTAAAKQLGISFRSLRYRLKKLGLDD......   461
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ..........AASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                      *        *  *   * !! *!!*!!*******!* **!!!!*!!**!!**!!!!*!!!!!!*!*!
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X non conserved

X similar

X ≥ 50% conserved