```
logo
NTDB id 1045 HON27 RS16330 WP 168727019.1      MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
NTDB id 215216 PchlR47 RS27735 WP 038635209.1 .MSPRQKVLIVDDDPGIREYLEISLGRMQRHTRSARTLGEARHWLAREGFDLCLSDLHLPDGTGLELLEHIQHHRLRMPL   79
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
consensus                                         ****!*!!!***********!*!! * !**!* * *!* ***** *!*!!*!* !!!!*!!*!* ****  ***!*

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1      AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS  160
NTDB id 215216 PchlR47 RS27735 WP 038635209.1 AILSTCARQETAVRVLKAGAIDFLSKPVALARLRELLNGPLPESTP......ANPATGPLLGNSTAMHKLRGQIHKLAQS  153
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 215216 PchlR47 RS27735 WP 038635209.1 QASVYISGESGSGKELAARAIHDQGPRASQGFVPINCGAIPPELMESEFFGHRKGSFSGAVEDKPGLFQAAHGGTLFLDE  233
NTDB id 1473 PAKAF RS24000 WP 003094694.1     QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE  235
consensus                                      !!*!***!!!!*!!!**!***!****! * *!***!!!!!!*!!!!!!*!!!*!!!!*!!**!!*!!***!*!!*!!!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1      IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL  320
NTDB id 215216 PchlR47 RS27735 WP 038635209.1 VADLPLAMQVKLLRALQEKAVRCVGGQQEVQVDVRILCATHKTLQAEVHAGRFRQDLYYRLNVIELAVPPLRARKADIEP  313
NTDB id 1473 PAKAF RS24000 WP 003094694.1     VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL  315
consensus                                      *!*!!**!!!!!!!!*!!!**! !!**!!* !!*!***!*!**! **! *!*!!!!!**!**!**! *!!!!*!**!* *

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NTDB id 1045 HON27 RS16330 WP 168727019.1      LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS  400
NTDB id 215216 PchlR47 RS27735 WP 038635209.1 LATAILERLAQGNGQQLARLQPGALLALQGYDFPGNVRELENLLERAHTLCENRQIEARDLQLTPNG.AHPA........  384
NTDB id 1473 PAKAF RS24000 WP 003094694.1     LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQE........  387
consensus                                      !!  ** *** * * * **!* *!   ! ** !!!!!!!!*!**!!! !!*!* *!*  *! ***  **

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1      IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 215216 PchlR47 RS27735 WP 038635209.1 ........IAPGPAQVIDLEGYLQEVERRLILQALEHTRWNRTAAAQRLSLSFRSMRYRLKKLGLD.......   442
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ........GAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                              !     ** !! !!***!*****!!* !*!!!!*!!**!***!!!*!!!!!!*!*!
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X non conserved

X similar

X ≥ 50% conserved