```
logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
NTDB id 146166 IMCC21906 RS06375 WP 047011466.1  MNSHQQNVLIVDDEPDILELLDITISRMGLNTLTASTVAEALTHLRSQEISLCLTDIKLPDGSGMDIVSAIQACEVPPPV   80
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
consensus                                     *   ** *!*!!!!*!* *!***!**!!** ! *!  ! *!* **    ***!!!!**!!!!!!*!*!  ***  ***!*

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS  160
NTDB id 146166 IMCC21906 RS06375 WP 047011466.1  AVLTAYGSMELAVESLKAGAFDFINKPVSIEQLRNLVKSALRLDNR..PPPVEGSKNPRLLGETPAIKTLREQINKLARS  158
NTDB id 1473 PAKAF RS24000 WP 003094694.1    AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNP...EAEEAPVDNRLLGESPPMRALRNQIGKLARS  155
consensus                                     !**!!!!***!* *!!!!!!!!**!!! *  !**!* *!!** *     ***  * *!*!****** !! *! !*!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE  240
NTDB id 146166 IMCC21906 RS06375 WP 047011466.1  QAPVYISGESGSGKEVVARLIHANGPRRDAPFVPVNCGAIPDELVESEFFGHAKGSFTGAYDHKEGLFEAANGGTLFLDE  238
NTDB id 1473 PAKAF WP 003094694.1            QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE  235
consensus                                     !!!!***!!!!*!!!*!*!*! ***! **!!***!!!!!!*!!*!!!*!!!*!!!!!!! **!*!!* *! !!*!!!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL  320
NTDB id 146166 IMCC21906 RS06375 WP 047011466.1  VADLPLNMQVKLLRAIQEKAVRRIGSNQEIPVDVRILSATHRDLSRAVASENFRSDLFYRINVIELQVPSLRSRTSDIPL  318
NTDB id 1473 PAKAF WP 003094694.1            VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL  315
consensus                                     *!*!!* !!!!!!!!*!!!**! *!**!!* !!*!***!*!*!!   !* **!!*!!**!**!**! *!*!!*! *!**!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS  400
NTDB id 146166 IMCC21906 RS06375 WP 047011466.1  LADFILEKISREWGLTAPALDQTAIKALQSYAFPGNVRELENIIERAATLCDGGKISELDLSLPSAN...........GP  387
NTDB id 1473 PAKAF RS24000 WP 003094694.1    LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAP...........GA  384
consensus                                     !!* ** **  ******  !*  !   ! ** !!!!!!!!*!**!!! !!**** !   *! ** *            *

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     IQTTVA.APQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 146166 IMCC21906 RS06375 WP 047011466.1  LQTSDNASGDSHLQGASGRLEEYLAEIEKEIISEALENNRWNKTESAKTLGVTFRQFRYKLKKYELD.......   454
NTDB id 1473 PAKAF RS24000 WP 003094694.1    SQEGAA......SLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                     *!** *           ** !!*!!**!!*****!!* **!!*! *!**!!*!!!**!!*!!!***!
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X non conserved

X similar

X ≥ 50% conserved