```
logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1     MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI    80
NTDB id 1013427 N011 RS14300 WP 024694109.1  .MTPRQKILIVDDEPDIRELLEITLGRMKLDTRSACNVAEARDYLAREPFELCLTDMRLPDGNGLELVQHIQQNFAHVPV    79
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV    78
consensus                                       ****!*!!!!*!***!***!!*!!***!**! *! *!*********!!!!**!!!!*!!*!!****!*****!*

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1     AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS   160
NTDB id 1013427 N011 RS14300 WP 024694109.1  AMITAHGSLDTAIQALKAGAFDFLTKPVDLGRLRELVNSALRLTPIAQ...PVRALDNRLLGDSPPMRTLRNQITKLARS   156
NTDB id 1473 PAKAF RS24000 WP 003094694.1    AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEA...EEAPVDNRLLGESPPMRALRNQIGKLARS   155
consensus                                    !**!!*!**!*!!*!!!!!!!!!!**!!!****!**!***!!**   **    * * ****!*!*!*!** !!**! !*!!!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1     QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE   240
NTDB id 1013427 N011 RS14300 WP 024694109.1  QAPVYISGESGSGKELVARLIHEQGPRGEKPFVPVNCGAIPTDLMESEFFGHRKGSFTGAHEDKPGLFQAAQNGTLFLDE   236
NTDB id 1473 PAKAF RS24000 WP 003094694.1    QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE   235
consensus                                    !!!!***!!!!*!!!*!!*!*!****! !*!!***!!!!!!**!!!!!*!!!*!!!!!!! *!!*!!***! *!*!!!!!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1     IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL   320
NTDB id 1013427 N011 RS14300 WP 024694109.1  VADLPLAMQVKLLRAIQEKSIRSVGGQQEQVVDVRILCATHKDLSVEVAAGRFRQDLYYRLNVIELCVPSLRERREDIDQ   316
NTDB id 1473 PAKAF RS24000 WP 003094694.1    VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL   315
consensus                                    *!*!!**!!!!!!!!!*!!! *! !!**!!* !!*!***!*!*!! **!**!*!!!!!**!**!**! *!*!!!!*!!* *

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1     LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS   400
NTDB id 1013427 N011 RS14300 WP 024694109.1  LAAIVLQRLAANSGLPAARLNAQALETLKNYRFPGNVRELENMLERAYTLCENDEIHTSDLRLAESVRTT..........   386
NTDB id 1473 PAKAF RS24000 WP 003094694.1    LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS..........   385
consensus                                    !!  ***********!***!** ! * !****!!!!!!!!*!!*!!!*!!*!** !  **!**!*  * *

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1     IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 1013427 N011 RS14300 WP 024694109.1  ......ESDGPNLADIDNLEDYLEGIERKLILQALEETRWNRTAAAQRLSLSFRSMRYRLKKLGLD.......   446
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ......QEGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                           *  * ****!!*!!! !!******!!**!*!!!!*!!**!***!!!*!!!!!!*!*!
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X non conserved

X similar

X ≥ 50% conserved