```
logo
NTDB id 1045 HON27 RS16330 WP 168727019.1      ...MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPN   77
NTDB id 1129327 QOY30 RS15660 WP 283745554.1  MSLKSKKIPRVLIVDDEADILELLELTLVRMGLEVVRASGVKQAKERLDSESFDLCLTDMRMPDGEGLEVVRHIAERSLD   80
NTDB id 1473 PAKAF RS24000 WP 003094694.1     .....MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQ   75
consensus                                              **!*!!!! !* *!***!!*!!****  !  !**!****  * *!*!!!!***!!!*!!**!*** ** **

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1      TPIAVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKI   157
NTDB id 1129327 QOY30 RS15660 WP 283745554.1  VPVAVITAHGNLENAVAVLKAGAFDYLSKPVALDQLRTLVTSALRLP...GQSEFKKGEESVLLGSSPVLAQVRELINRV   157
NTDB id 1473 PAKAF RS24000 WP 003094694.1     TPVAMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLR...NPEAEEAPVDNRLLGESPPMRALRNQIGKL   152
consensus                                     *!*!**!!*!*** !***!!!!!!!***!!! *  !* !* *!!**      * * * ** *!*! !*** **!  ! **

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1      ARSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLF   237
NTDB id 1129327 QOY30 RS15660 WP 283745554.1  ARSQAPVHISGESGSGKELAARLIVEKSSRHGQPFIAVNCGAIPENLMESEFFGYRKGAFTGAEKDREGFFQAANQGTLL   237
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ARSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLF   232
consensus                                     !!!!!!!**!!!!*!!!**!*!*** * ! * !!***!!!!!!*!!!!!!*!!**!!*!!!!  !**!****! *!*!*

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1      LDEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGED   317
NTDB id 1129327 QOY30 RS15660 WP 283745554.1  LDEVADLPMAMQVKLLRAIQERKVRRVGSTQEESVDVRILSATHHDLVACVQQGRFRQDLYYRLNVISLHMPSLREMRED   317
NTDB id 1473 PAKAF RS24000 WP 003094694.1     LDEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERRED   312
consensus                                     !!!*!*!!**!!!!!!!!!*!!***! !!* !!* !!*!***!*! !! * ! *!*!!!!!**!**!**! *!*!!!**!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1      VLLLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASA   397
NTDB id 1129327 QOY30 RS15660 WP 283745554.1  VPQIANQVLERLRGSS...TAKFSAEALRELERYDFPGNVRELENIIERALALCFDNVIAPVDLQLMPLQSAQGEV....   390
NTDB id 1473 PAKAF RS24000 WP 003094694.1     IPLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQEG....   388
consensus                                     ****!* ** ** ***  * *****!   ! ** !!!!!!!!!*!**!!!**!**!  ! * *! **** **  *

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1      AQSIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 1129327 QOY30 RS15660 WP 283745554.1  ............MPGGVGKYPLTDYLDRIERDAILEALHQTRFNRTAAAKILGVTFRALRYRMERLSITDKDNID.   453
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ............AASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                              *   *  * !**!!* !!******!!  !**!!!*!!**!!*!!!**!!!*******     *
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X non conserved

X similar

X ≥50% conserved