```
logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
NTDB id 1026449 AB3X09 RS05710 WP 369936840.1 .MNETRSALVVDDERDIRELLVLTLGRMGLRISTAANLAEARELLASNPYDLCITDMRLPDGNGIELVSEIARHYPRTPV   79
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
consensus                                            *!*!!!! !***!* *!!*!!*** *! ** *!**!** **!*!*!!**!!!!*!**!! * * *!*!!*

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTT..ENALENKLLIGRSLPIQQLRIAIKKIA  158
NTDB id 1026449 AB3X09 RS05710 WP 369936840.1 AMITAFGSMDLAVEALKAGAFDFVSKPVDIHVLRGLVKHALELNNSERAAPPAPPPEQASRLLGASAAMDVLRATIAKVA  159
NTDB id 1473 PAKAF RS24000 WP 003094694.1     AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAEEAP.....VDNRLLGESPPMRALRNQIGKLA  153
consensus                                      !**!!*!**!*!* !!!!!!!!!**!!!**  !* !*  !! *** ! *  *        *!*! ! **  !!  !*!*!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      RSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFL  238
NTDB id 1026449 AB3X09 RS05710 WP 369936840.1 RSQAPVYILGESGVGKELVARTIHEQGARAAGPFVPVNCGAIPAELMESEFFGHKKGSFTGAHADQAGLFQAAHGGTLFL  239
NTDB id 1473 PAKAF RS24000 WP 003094694.1     RSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFL  233
consensus                                      !!!!!!***!!!!*!!!*!!***!*** ! **!!***!!!!!!*!!!!!!*!!!!!!!!!!  !**!!***!*!!*!!!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      DEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDV  318
NTDB id 1026449 AB3X09 RS05710 WP 369936840.1 DEVAELPLPMQVKLLRAIQEKSVRPVGASVEVPTDVRILSATHKDLADLVADGRFRHDLYYRINVIELRVPPLRDRGGDL  319
NTDB id 1473 PAKAF RS24000 WP 003094694.1     DEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDI  313
consensus                                      !!*!*!!* !!!!!!!!*!!! *!*!!* *!* *!*!***!*!*!!* *!* !*!!*!!**!**!**!**!!!!*!**!*

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      LLLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAA  398
NTDB id 1026449 AB3X09 RS05710 WP 369936840.1 PQLAAAILARLAKSHGRVTPLLSPSALDALNRYAFPGNVRELENILERALAMAEDDQISAADLHLPQPGNSAR.AAAEAA  398
NTDB id 1473 PAKAF RS24000 WP 003094694.1     PLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ.EGAA..  390
consensus                                      **!!  ** *** * * *   !*  ! * ! ** !!!!!!!!!*!**!!!*** !!**!   *!***   *     *! **

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      QSIQTTVAAPQAV.KKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV  473
NTDB id 1026449 AB3X09 RS05710 WP 369936840.1 .....PALPPGVVDIDPTSSALPSYIEQLERAAIQKALEENRWNKTRTAAQLGITFRALRYKLKKLGME.......  462
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ..............SLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......  445
consensus                                            *  *      ***!* !*!**!* ****!!****!!*! *! *!!*!!!**!!*!!!*!**
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X non conserved

X similar

X ≥50% conserved