```
logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1      ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
NTDB id 1009493 ABJ384 RS13570 WP 349929754.1  MVEQQPLVLLVDDEEDLCTLMQMSLSRIGIKTHIAYRLEQAKKFLSEYRYDACLTDLNLPDGNGLQLVEWINQHFPSVPV   80
NTDB id 1045 HON27 RS16330 WP 168727019.1      MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
consensus                                      * ******!*!!!!*!** !****!*!****!**!*****!* ***  * *!*!!!!**!!!!*!!*!! ***! *!**!*

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1      AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNP...EAEEAPVDNRLLGESPPMRALRNQIGKLARS  155
NTDB id 1009493 ABJ384 RS13570 WP 349929754.1  AVLTAYGNMEIAIAALKAGAFDFVSKPVNQKHLEQLLQKAFNKPQEHLQIKEDSLEQKLLIGQSLPIQQLRVTLNKIARS  160
NTDB id 1045 HON27 RS16330 WP 168727019.1      AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS  160
consensus                                      !**!!!!****!!*!!!!!!!!!**!!!** *!**!***!*** *      !*******!*! !*!***!!* * !*!!!

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1      QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGATQDKQGLFQAASGGTLFLDE  235
NTDB id 1009493 ABJ384 RS13570 WP 349929754.1  QAPVFITGESGTGKEVIANLVHRLSNRNEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLIQSAHGGSLFLDE  240
NTDB id 1045 HON27 RS16330 WP 168727019.1      QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE  240
consensus                                      !!!!***!!!!*!!!**!*!*!****! !*!!***!!!!!!*!!!!!!*!!!!!!!!!!!**!!!!***!*!!*!!!!!

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1      VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL  315
NTDB id 1009493 ABJ384 RS13570 WP 349929754.1  IAELPLNMQVKLLRAVQEKRIRPVGSDCEIDVDFRVISASHQDLEALVQQGRFRQDLFFRIHVMDLVLPPLRDRGDDIIL  320
NTDB id 1045 HON27 RS16330 WP 168727019.1      IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL  320
consensus                                      *!*!!* !!!!!!!!*!!!**!*!!***!**!!*!***!*!*!!***! *!*!!!!!**!**!**!**!!!!*!**!**!

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1      LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAP......GASQEGA  389
NTDB id 1009493 ABJ384 RS13570 WP 349929754.1  LAHHFIQKISQEWDIPQKQLTDRAKTFLLSQYYPGNVRELRNIIERAITLSDDERIDLQHLQSAPLRYPTVAVPEVTEGQ  400
NTDB id 1045 HON27 RS16330 WP 168727019.1      LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS  400
consensus                                      !! ******  ****! **!!* ! **!*** *!!!!!!!!*!**!!!*!!**!* !** *!  !***       ** **

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1      ..........ASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
NTDB id 1009493 ABJ384 RS13570 WP 349929754.1  HSLRSDIVISSKKLPDEGLELYLENIEKDILLNALNLTHWNRTLAAKKLGMSFRSLRYRLKKFGLDTDED...   470
NTDB id 1045 HON27 RS16330 WP 168727019.1      IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
consensus                                      **** **!! !!!*!!******!!*!*!!!!!*!!**!!**!!!*!!!!!!*!*!** *
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X non conserved

X similar

X ≥ 50% conserved