```
logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1    MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI    80
NTDB id 279054 C4K35 RS28540 WP 124303645.1 .MSPRQKVLIVDDDPGVREYLEISLGRMQRHTRSARTLGEARHWLARESFDLCLSDLHLPDGTGLELLEHIQRRRLRMPL    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 279054 C4K35 RS28540 WP 124303645.1 AILSACARQETAVQALKAGAIDFLSKPVALARLRELLNSALPGSTP......APPATGPLLGDSAAMHKLRGQIDKLAQS   153
NTDB id 1473 PAKAF RS24000 WP 003094694.1   AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPE...AEEAPVDNRLLGESPPMRALRNQIGKLARS   155
consensus                                   !***!** ***!**!!!!!!*!!**!!! ***!**!***!!     **    * **     !*!*! **  !! *! !*!*!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1    QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE   240
NTDB id 279054 C4K35 RS28540 WP 124303645.1 QASVYISGESGSGKELVARAIHDQGPRANRAFVPVNCGAIPPELMESEFFGHRKGSFSGAIEDKPGLFQAAHGGTLFLDE   233
NTDB id 1473 PAKAF RS24000 WP 003094694.1   QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE   235
consensus                                   !!*!***!!!!*!!!*!!***!****! ***!***!!!!!!*!!!!!!*!!!*!!!!*!!**!!*!!***!*!!*!!!!!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1    IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL   320
NTDB id 279054 C4K35 RS28540 WP 124303645.1 VADLPLAMQVKLLRALQEKAVRCVGGQQEVQVDARILCATHKALQAEVRAGRFRQDLYYRLNVIELPVPPLRARKDDIEP   313
NTDB id 1473 PAKAF RS24000 WP 003094694.1   VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL   315
consensus                                   *!*!!**!!!!!!!!*!!!**! !!**!!* !! !***!*!**! **!**!*!!!!!**!**!**! *!!!!*!**!* *

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1    LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS   400
NTDB id 279054 C4K35 RS28540 WP 124303645.1 LATAILERLAQGDGQPLARLQPSALLALQGYDFPGNVRELENLLERAHTLCENRRIEARDLRLTSHSAHPA.........   384
NTDB id 1473 PAKAF RS24000 WP 003094694.1   LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ.........   386
consensus                                   !!  ** *** * * ! **!*  !   ! ** !!!!!!!!*!**!!! !!*!*  !*  *!***   *

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1    IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 279054 C4K35 RS28540 WP 124303645.1 ....I....APGAAQVIDLEDHLQEIERRLILQALEHTRWNRTAAAQRLSLSFRSMRYRLKKLGLD.......   442
NTDB id 1473 PAKAF RS24000 WP 003094694.1   ....E...GAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                       *    !     ** !!**!**!!*****!!* !*!!!!*!!**!***!!!*!!!!!!*!*!
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X non conserved

X similar

X ≥ 50% conserved