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logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1    MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI    80
NTDB id 280104 C4K04 RS27525 WP 124322376.1 .MSPRQKVLIVDDDPGIREYLEISLGRMQRHTRSARTLGEARHWLAREGFDLCLSDLHLPDGTGLELLEHIQRHRLRMQL    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 280104 C4K04 RS27525 WP 124322376.1 AILSTCPCQETAIHALKAGAIDFLSKPVALARLRELLNGTLPGSTP.....ANPATGPLLGDSTAMHKLRVQIGKLAQS   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 280104 C4K04 RS27525 WP 124322376.1 QASVYISGESGSGKERVARAIHDQGPRASRGFVPVNCGAIPAELMESEFFGHRKGSFSGAIEDKPGLFQAAHGGTLFLDE   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 280104 C4K04 RS27525 WP 124322376.1 VADLPLAMQVKLLRALQEKAVRCVGGQQEVQVDVRILCATHKTLQAEVHAGRFRQDLYYRLNVIELAVPPLRARKADIEP   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 280104 C4K04 RS27525 WP 124322376.1 LATAILERLAQGNGQQLARLQPGALLALQGYDFPGNVRELENLLERAHTLCENRQIEARDLCLTPNSAHPA........   384
NTDB id 1473 PAKAF RS24000 WP 003094694.1   LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQE........   387
consensus                                   !!  ** *** * * * **!* *!   ! ** !!!!!!!!*!**!!! !!*!* *!*  *! ***  *

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1    IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 280104 C4K04 RS27525 WP 124322376.1 ........IAPGPAQVIDLEGYLQEVERRLILQALEHTRWNRTAAAQRLSLSFRSMRYRLKKLGLD.......   442
NTDB id 1473 PAKAF RS24000 WP 003094694.1   ........GAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                           !     ** !! !!***!*****!!* !*!!!!*!!**!***!!!*!!!!!!*!*!
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X non conserved

X similar

X ≥ 50% conserved