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logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLF.TQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTP    79
NTDB id 1035616 AB1S55 RS09450 WP 370977749.1 ..MTTLHALIIDDEPDIRELLSLTLMRMGLDCDTAKDFNEAISYLKSGKTYNICLTDMRLPDGSGLDIVRFVQEKLSTLP    78
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELL.AREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTP    77
consensus                                       **   *!**!!!*!***!* *!!*!!**** *!* * *!* ** *   **!!!!**!!!!!!!!*!****** ***!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      IAVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIAR   159
NTDB id 1035616 AB1S55 RS09450 WP 370977749.1 IAVITAHGNMDTAVEAMKAGAFDFLNKPVDLKDLRTLVDSAVSSSQLEEKNCSELDAQVDIIGNSPAVTKLKQTISKLAR   158
NTDB id 1473 PAKAF RS24000 WP 003094694.1     VAMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRN...PEAEEAPVDNRLLGESPPMRALRNQIGKLAR   154
consensus                                      *!**!!*!**!*!* !*!!!!!!!*!!!**  !* !* *!*   ***    ***  *  **! !***  !** ! !*!!

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NTDB id 1045 H0N27 RS16330 WP 168727019.1      SQAPVFVTGESGTGKELVARLIHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLD   239
NTDB id 1035616 AB1S55 RS09450 WP 370977749.1 SQAPVYISGESGSGKELVARAIHKLGPRADKPFIPVNCGAIPSELVESEFFGYKKGAFTGAHRDSEGLFQAANGGTLFLD   238
NTDB id 1473 PAKAF RS24000 WP 003094694.1     SQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLD   234
consensus                                      !!!!!***!!!!*!!!*!!***!****! **!!***!!!!!!*!!*!!!!*!!*!!!!*!!!!  !**!!***! !!*!!!!

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      EIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVL   319
NTDB id 1035616 AB1S55 RS09450 WP 370977749.1 EVADLPLSMQVKILRAIQEKAVRPVGTQSEVSVNVRILSATHKGLHTLVEKGEFRQDLFYRLNVIQLDVPPLRKRLDDLG   318
NTDB id 1473 PAKAF RS24000 WP 003094694.1     EVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIP   314
consensus                                      !*!*!!**!!!!*!!!*!!!**!*!!***!* !**!***!*!**!  *!  !*!!!!!**!**!**! *!!!!*! *!*

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      LLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQ   399
NTDB id 1035616 AB1S55 RS09450 WP 370977749.1 ALIQHILQRLDSDLGDSYTRINPEALAKLKTYSFPGNVRELENILERAFTLCENSSIGVEDLQLQHQSP......EESVN   392
NTDB id 1473 PAKAF RS24000 WP 003094694.1     LLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPG......ASQ..   386
consensus                                      *!*******  * * *  *** *!  *!*** !!!!!!!!!*!**!!!*!!*!* *! * *! **   *      **  *

logo
NTDB id 1045 H0N27 RS16330 WP 168727019.1      SIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 1035616 AB1S55 RS09450 WP 370977749.1 NLQNTANNNLLKTVLEYGSIDAYLEEIEKEILHEALEKDRWNKTNAAKTLGISFRSFRYRLKKLGLDNSDDD..   464
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ........EGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                       ** *      * **** * ** !!!*!!*****!!* **!!*! !!**!!**!!!*!!!!!!*!*!    *
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X non conserved

X similar

X ≥50% conserved