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logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1   ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEAREELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
NTDB id 391883 F9230 RS16095 WP 412674416.1 MVEKKPLVLLVDDEQDLCTLMQMSLSRMGIDTHIAYRLQEAVQALKTHQYDACLTDLNLPDGNGLSLVDFIAQNYPNLPV   80
NTDB id 1045 H0N27 RS16330 WP 168727019.1   MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
consensus                                   * * *****!*!!!! !** !****!*!!***!**!*** *!****    *!*!!!!**!!!!*!!*!! ** !**!**!*

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NTDB id 1473 PAKAF RS24000 WP 003094694.1   AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPE...AEEAPVDNRLLGESPPMRALRNQIGKLARS   155
NTDB id 391883 F9230 RS16095 WP 412674416.1 AVLTAYGNMDIAIAALKAGAFDFVSKPINQKHLEQLLQKAFNQPISQLHIQEDTLEHRLLIGQSLPIQQLRITLKKIARS   160
NTDB id 1045 H0N27 RS16330 WP 168727019.1   AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS   160
consensus                                   !**!!!!**!*!!*!!!!!!!!!!**!!*** *!**!***!**    *    !**** **!*! !*!***!!* **!*!!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1   QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE   235
NTDB id 391883 F9230 RS16095 WP 412674416.1 QAPVFITGESGTGKEVVANLVHRLSNRNEGPFIAINCGAIPTELMESELFGHRKGSFTGATQDKQGLILSAHGGSLFLDE   240
NTDB id 1045 H0N27 RS16330 WP 168727019.1   QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE   240
consensus                                   !!!!***!!!!*!!!*!!*!*!***** !*!!***!!!!!!*!!!!!!*!!!*!!!!!!!**!!!!!***!*!!*!!!!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1   VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL   315
NTDB id 391883 F9230 RS16095 WP 412674416.1 IAELPLTMQVKLLRAVQEKRIRPIGSDTEIDVDFRVISASHQDLEALVQQGKFRQDLYFRIHVMDIVLPALRERGNDIIL   320
NTDB id 1045 H0N27 RS16330 WP 168727019.1   IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL   320
consensus                                   *!*!!**!!!!!!!!!*!!!**!**!***!**!!*!***!*!*!!***! *!*!!!!!**!**!****!*!!!!**!**!

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1   LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS.........   385
NTDB id 391883 F9230 RS16095 WP 412674416.1 LAQHFVQKICQEWDIPVKPLSERAREFLLAQYYPGNVRELRNMMERAITLSDESSIDLPHLQTAPLRPIAQTNYANATQQ   400
NTDB id 1045 H0N27 RS16330 WP 168727019.1   LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS   400
consensus                                   !!********  ****! * !** ! **!*** *!!!!!!!!*!!*!!!*!!*** *!** *!  !****     ** * *

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NTDB id 1473 PAKAF RS24000 WP 003094694.1   ......QEG..AASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
NTDB id 391883 F9230 RS16095 WP 412674416.1 VPVGNDQLGHVPSRKLPEEGLELYLEKIEKEILMNALNLTHWNRTLAAKKLGMSFRSLRYRLKKFGLDGEDDSV.   474
NTDB id 1045 H0N27 RS16330 WP 168727019.1   IQTT..VAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
consensus                                   *     * *  * **** **!! !!! !!*****!!**!*!!!!*!!**!!**!!!*!!!!!!*!*! * *
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X non conserved

X similar

X ≥ 50% conserved