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logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
NTDB id 395929 GFH30 RS12200 WP 153389376.1  ....................MQMSLTRMGIRTHIAHRLEDAKKCLSDHQYDACLTDLNLPDGNGLQLLEWISQRCPTLPV   60
NTDB id 1045 HON27 RS16330 WP 168727019.1    MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
consensus                                          ******  **   *****!*!!***!**!  ****!* ***    *!*!!!!**!!!!*!!*!* ***!* !**!*

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLR....NPEAEEAPVDNRLLGESPPMRALRNQIGKLAR  154
NTDB id 395929 GFH30 RS12200 WP 153389376.1  AVLTAYGNMDIAIAALKAGAFDFVSKPINQKHLEQLLQKALNKPVDYYHHNQQDSLEHRMLIGQSQPIQQLRITLQKIAR  140
NTDB id 1045 HON27 RS16330 WP 168727019.1    AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQK.VEHDTTENALENKLLIGRSLPIQQLRIAIKKIAR  159
consensus                                    !**!!!!**!*!!*!!!!!!!!!!**!!*** *!**!***!!**     *   ***** **!*! ! !***!!* * !*!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     SQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGATEDKQGLFQAASGGTLFLD  234
NTDB id 395929 GFH30 RS12200 WP 153389376.1  SQAPVFITGESGTGKEVVANLVHRLSNRNEGPFIAINCGAIPSELMESELFGHKKGSFTGATQDKQGLIQSAHGGSLFLD  220
NTDB id 1045 HON27 RS16330 WP 168727019.1    SQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLD  239
consensus                                    !!!!!***!!!!*!!!!*!!*!*!****! !*!!***!!!!!!*!!!!!!*!!!!!!!!!!!**!!!!***!*!!*!!!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     EVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIP  314
NTDB id 395929 GFH30 RS12200 WP 153389376.1  EIAELPLNMQVKLLRAVQEKRIRPLGSDGEIDVDFRVISASHQDLDALVQQGKFRQDLYFRIHVMDLVLPPLRERGNDIL  300
NTDB id 1045 HON27 RS16330 WP 168727019.1    EIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVL  319
consensus                                    !*!*!!* !!!!!!!!*!!!**!**!***!**!!*!***!*!*!!***! *!*!!!!!**!**!**!**!!!!!!**!**

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     LLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQE.......  387
NTDB id 395929 GFH30 RS12200 WP 153389376.1  LLAEHFIHRIAKEWQIPAKRLTERSKELLLGQYYPGNVRELRNIIERAMTLSDDDTIDLQHLQTAPLRQTFNPSVESHTP  380
NTDB id 1045 HON27 RS16330 WP 168727019.1    LLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQ  399
consensus                                    !!!**** *** ** *!***!!* * * !*** *!!!!!!!!*!**!!!*!!**!**!** *!  !****  *    *

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     .........GAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
NTDB id 395929 GFH30 RS12200 WP 153389376.1  QEQTTHDTFMVPKKLPEEGLERYIEKIEKEILLNALNITHWNRTLAAKKLGMSFRSLRYRLKKFGLDTDDEE..   452
NTDB id 1045 HON27 RS16330 WP 168727019.1    SIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
consensus                                      ***      * **** **!!*!*! !!*****!!**!*!!!!*!!**!!**!!!*!!!!!!*!*!** *
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X non conserved

X similar

X ≥ 50% conserved