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logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV    78
NTDB id 349673 E0Z08 RS01230 WP 373430797.1   ....................MQMSLSRMGIDTRIAYRLQEAVQALKTHQYDACLTDLNLPDGNGLTLVDFIAQNYPNLPV    60
NTDB id 1045 H0N27 RS16330 WP 168727019.1     MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI    80
consensus                                            *****  **   *****!*!!***!**!***  *!****     *!*!!!!**!!!!*!!*!!  **  !**!**!*

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNP...EAEEAPVDNRLLGESPPMRALRNQIGKLARS   155
NTDB id 349673 E0Z08 RS01230 WP 373430797.1   AVLTAYGNMDVAIAALKAGAFDFVSKPINQKHLEQLLQKAFNQPISQLHIQEDTLEHKLLIGQSLPIQQLRVTLKKIARS   140
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 349673 E0Z08 RS01230 WP 373430797.1   QAPVFITGESGTGKEVVANLVHRLSNRNEGPFIAINCGAIPTELMESELFGHRKGSFTGATQDKQGLILSAHGGSLFLDE   220
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 349673 E0Z08 RS01230 WP 373430797.1   IAELPLTMQVKLLRAVQEKRIRPIGSDTEIDVDFRVISASHQDLEALVQQGKFRQDLYFRIHVMDIVLPALRERGNDIIL   300
NTDB id 1045 H0N27 RS16330 WP 168727019.1     IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL   320
consensus                                     *!*!!**!!!!!!!!*!!!**!**!***!**!!*!***!*!*!!***! *!*!!!!!**!**!****!*!!!!**!**!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGA........SQE   387
NTDB id 349673 E0Z08 RS01230 WP 373430797.1   LAQHFIQKICQEWDIPVKPLSERAREFLLAQYYPGNVRELRNMMERAITLSDESSIDLPHLQTAPLRPIAQTNYANATQQ   380
NTDB id 1045 H0N27 RS16330 WP 168727019.1     LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS   400
consensus                                     !!*******  ****! * !** ! **!*** *!!!!!!!*!!*!!!*!!*** *!** *!  !****     ** **!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     G..........AASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
NTDB id 349673 E0Z08 RS01230 WP 373430797.1   GTVGNDQLSHMPSRKLPEEGLELYLEKIEKEILMNALNLTHWNRTLAAKKLGMSFRSLRYRLKKFGLDGEDDSV.   454
NTDB id 1045 H0N27 RS16330 WP 168727019.1     I..QTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
consensus                                     *          * **** **!! !!! !!*****!!**!*!!!!*!!**!!**!!!*!!!!!!*!*! * *
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X non conserved

X similar

X ≥ 50% conserved