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logo

NTDB id 1473 PAKAF RS24000 WP 003094694.1     ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV    78
NTDB id 267039 C2U64 RS19615 WP 002121217.1   MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLELVQHVSQTYPHTPI    80
NTDB id 1045 HON27 RS16330 WP 168727019.1     MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI    80
consensus                                     ********!*!!!!*!***!***!!*!!***!**!**!**!******!*!!!!**!!!!!!!*!!****!  *!*!!*

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPE...AEEAPVDNRLLGESPPMRALRNQIGKLARS   155
NTDB id 267039 C2U64 RS19615 WP 002121217.1   AVLTAYGNMDIAIAALKAGAFDFVSKPINQIHLDQLLKKALNQPKQEHEFGETTLENDLLIGRSPPIQNLRTAIKKIARS   160
NTDB id 1045 HON27 RS16330 WP 168727019.1     AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS   160
consensus                                     !**!!!!**!*!!*!!!!!!!!!**!!****!**!* *!!*  * !** *! **** *!*!*!*!***!! *!*!*!!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE   235
NTDB id 267039 C2U64 RS19615 WP 002121217.1   QAPVFVTGESGTGKEVVANLIHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE   240
NTDB id 1045 HON27 RS16330 WP 168727019.1     QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE   240
consensus                                     !!!!***!!!!*!!!*!!*!*!****!*!*!!***!!!!!!*!!!!!!*!!!!!!!!!!!**!!!!***!*!!*!!!!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL   315
NTDB id 267039 C2U64 RS19615 WP 002121217.1   IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVQQGKFRQDLFFRIHVMDIMLPPLRDRGGDILL   320
NTDB id 1045 HON27 RS16330 WP 168727019.1     IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL   320
consensus                                     *!*!!**!!!!!!!!!*!!!**!*!!**!!**!!*!***!*!*!!***!  *!*!!!!!**!**!***!**!!!!*!**!**!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGA..........   384
NTDB id 267039 C2U64 RS19615 WP 002121217.1   LANHFIQKVGTEWGVSSKQLTASAETYLLQQDFPGNVRELRNMIERAITLSDDESIDLTHLAPPPRGTSVSPQIVTKQL.   399
NTDB id 1045 HON27 RS16330 WP 168727019.1     LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS   400
consensus                                     !!******** ***** **!!* !***!*** !!!!!!!!!*!!*!!!*!!**!**!****! ***  * **    *

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     .....SQEGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
NTDB id 267039 C2U64 RS19615 WP 002121217.1   ..NQTPAVQTHPKFPMEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTEMGEEV   470
NTDB id 1045 HON27 RS16330 WP 168727019.1     IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
consensus                                       * **  * **!!*!!!!*!!******!!**!*!!!!*!!**!!*!!!!*!!!!!!*!*!**   **
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X non conserved

X similar

X ≥ 50% conserved