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logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV    78
NTDB id 136575 EHS42 RS15965 WP 308469656.1  ....................MQMSLSRMGIDTRIAYRLQEAVQALKTHQYDACLTDLNLPDGNGLTLVDFIAQNYPNLPV    60
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 136575 EHS42 RS15965 WP 308469656.1  AVLTAYGNMDIAIAALKAGAFDFVSKPINQKHLEQLLQKAFNQPISHLHIQEDTLEHRLLIGQSLPIQQLRITLKKIARS   140
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 136575 EHS42 RS15965 WP 308469656.1  QAPVFITGESGTGKEVVANLVHRLSNRNEGPFIAINCGAIPTELMESELFGHRKGSFTGATQDKQGLILSAYGGSLFLDE   220
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 136575 EHS42 RS15965 WP 308469656.1  IAELPLTMQVKLLRAVQEKRIRPIGSDTEIDVDFRVISASHQDLEALVQQGKFRQDLYFRIHVMDIVLPALRERGNDIIL   300
NTDB id 1045 HON27 RS16330 WP 168727019.1    IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL   320
consensus                                    *!*!!**!!!!!!!!!*!!!**!**!***!**!!*!***!*!*!!***! *!*!!!!!**!**!****!*!!!!**!**!

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1     LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPG........ASQE   387
NTDB id 136575 EHS42 RS15965 WP 308469656.1  LAQHFIQKICQEWDIPVKPLSERAREFLLAQYYPGNVRELRNMMERAITLSDESSIDLPHLQTAPLRPIAQTNYANATQQ   380
NTDB id 1045 HON27 RS16330 WP 168727019.1    LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS   400
consensus                                    !!********  ****! * !** ! **!*** *!!!!!!!!*!!*!!!*!!*** *!** *!  !****     ** !*!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     GA..........ASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......    445
NTDB id 136575 EHS42 RS15965 WP 308469656.1  GTIGNDQLSHVPSRKLPEEGLELYLEKIEKEILMNALNLTHWNRTLAAKKLGMSFRSLRYRLKKFGLDGEDDSV.    454
NTDB id 1045 HON27 RS16330 WP 168727019.1    ..IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV    473
consensus                                    * *          **** **!! !!! !!*****!!**!*!!!!*!!**!!**!!!*!!!!!!*!*! * *
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X non conserved

X similar

X ≥ 50% conserved