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logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1      ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEAREL LAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
NTDB id 1060389 ACFN7Z RS16320 WP 395442680.1 ....................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      AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPE...AEEAPVDNRLLGESPPMRALRNQIGKLARS  155
NTDB id 1060389 ACFN7Z RS16320 WP 395442680.1 AVLTAYGNMDIAIAALKAGAFDFVSKPINQKHLEQLLQKAFNQPISHLHIQEDTLEHRLLIGQSLPIQQLRITLKKIARS  140
NTDB id 1045 H0N27 RS16330 WP 168727019.1      AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS  160
consensus                                      !**!!!!**!*!!*!!!!!!!!!**!!*** *!**!***!**     *    !**** **!*! !*!***!!* **!*!!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1      QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGATEDKQGLFQAASGGTLFLDE  235
NTDB id 1060389 ACFN7Z RS16320 WP 395442680.1 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 1060389 ACFN7Z RS16320 WP 395442680.1 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      LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPG........ASQE  387
NTDB id 1060389 ACFN7Z RS16320 WP 395442680.1 LAQHFIQKICQEWDIPVKPLSERAREFLLAQYYPGNVRELRNMMERAITLSDESSIDLPHLQTAPLRPIAQTNYANATQQ  380
NTDB id 1045 H0N27 RS16330 WP 168727019.1      LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS  400
consensus                                      !!*******  ****! * !** ! **!*** *!!!!!!!*!!*!!!*!!*** *!** *!  !****     ** !*!

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1      GA..........ASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
NTDB id 1060389 ACFN7Z RS16320 WP 395442680.1 GTIGNDQLSHVPSRKLPEEGLELYLEKIEKEILMNALNLTHWNRTLAAKKLGMSFRSLRYRLKKFGLDGEDDSV.   454
NTDB id 1045 H0N27 RS16330 WP 168727019.1      ..IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
consensus                                      * *          **** **!! !!! !!*****!!*!*!!!!*!!**!!**!!!!*!!!!!!*!*!  * *
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X non conserved

X similar

X ≥ 50% conserved