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logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1   ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
NTDB id 1002654 ABEF85 RS13975 WP 161788389.1 MVEQQPLVLLVDDEEDLCTLMQMSLMRMGIRTHIAHRLEDAKRRLTDHQYDACLTDLNLPDGNGLQLLDFISEHYPSLPV   80
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 1002654 ABEF85 RS13975 WP 161788389.1 AVLTAYGNMDIAIAALKAGAFDFVSKPINQKHLEQLIQKALNKPANYASNQEDTLEYKMLIGQSKPIQQLRATLRKIARS   160
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 1002654 ABEF85 RS13975 WP 161788389.1 QAPVFITGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLIQSAHGGSLFLDE   240
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 1002654 ABEF85 RS13975 WP 161788389.1 IAELPLSMQVKLLRAVQEKRIRPLGSDTEIDVDFRVISASHQDLEALVQQGKFRQDLFFRIHVMDLVLPPLRERGNDILL   320
NTDB id 1045 H0N27 RS16330 WP 168727019.1   IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL   320
consensus                                   *!*!!**!!!!!!!!!*!!!**!**!***!**!!*!***!*!*!!***!  *!*!!!!!**!**!**!**!!!!!!**!**!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1   LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS.........   385
NTDB id 1002654 ABEF85 RS13975 WP 161788389.1 LAEHFIQKICQEWQIPAKRLTERSKELLLTQYYPGNVRELRNIIERAITLSDEDIIDIQHLQTAPLRQSFVTPENTLAST   400
NTDB id 1045 H0N27 RS16330 WP 168727019.1   LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS   400
consensus                                   !!******** ** *!***!!* * * !*** *!!!!!!!!*!**!!!*!!**** !** *!  !****    *  * * *

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NTDB id 1473 PAKAF RS24000 WP 003094694.1   .Q......EG.....AASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
NTDB id 1002654 ABEF85 RS13975 WP 161788389.1 SESNSNTHNGSDAFIVPKKLPEEGLELYMEKIEKEILLNALNLTHWNRTLAAKKLGMSFRSLRYRLKKFGLDTEEE...   476
NTDB id 1045 H0N27 RS16330 WP 168727019.1   IQ......TTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
consensus                                    *       *  *  * **** **!! !*! !!*****!!*!*!!!!*!!**!!**!!!*!!!!!!*!*!** *
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X non conserved

X similar

X ≥ 50% conserved