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logo

NTDB id 313026 AhaeAN59 RS15295 WP 005083966.1  MATKQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKKFFTEFQYDACLTDLNLPDGNGLDLVQHVTQNYPNTPI   80
NTDB id 1045 HON27 RS16330 WP 168727019.1       MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
NTDB id 1473 PAKAF RS24000 WP 003094694.1       ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
consensus                                       **  ****!*!!!!*!***!***!!*!!***!**!**!**!* *** * *!*!!!!**!!!!*!!!!!***!**!*!!*

logo

NTDB id 313026 AhaeAN59 RS15295 WP 005083966.1  AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLIQKALNRPRPEQEAAETALENKLLIGRSAPIQQLRIALKKIARS  160
NTDB id 1045 HON27 RS16330 WP 168727019.1       AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS  160
NTDB id 1473 PAKAF RS24000 WP 003094694.1       AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAE...EAPVDNRLLGESPPMRALRNQIGKLARS  155
consensus                                       !**!!!!**!*!!*!!!!!!!!!**!!!****!**!***!!** **! *  * !*****!*!*! !***!!****!*!!!

logo

NTDB id 313026 AhaeAN59 RS15295 WP 005083966.1  QAPVFITGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE  240
NTDB id 1045 HON27 RS16330 WP 168727019.1       QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE  240
NTDB id 1473 PAKAF RS24000 WP 003094694.1       QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE  235
consensus                                       !!!!***!!!!*!!!*!!*!*!****!*!*!!***!!!!!!*!!!!!!*!!!!!!!!!!!!**!!!!!***!*!!*!!!!!

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NTDB id 313026 AhaeAN59 RS15295 WP 005083966.1  IAELPLNMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLELLVQQGRFRQDLFFRIHVMDIVLPPLRERGQDILL  320
NTDB id 1045 HON27 RS16330 WP 168727019.1       IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL  320
NTDB id 1473 PAKAF RS24000 WP 003094694.1       VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL  315
consensus                                       *!*!!* !!!!!!!!*!!!**!*!!**!!**!!*!***!*!*!!***! *!*!!!!!**!**!*****!!!!!!**!**!

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NTDB id 313026 AhaeAN59 RS15295 WP 005083966.1  LANHFIQRICQEWELPAKTLSSRAEQFLLQQYFPGNVRELRNIIERAITLSDDETIDLAHLQTAPLRSPISMPSAPSYSQ  400
NTDB id 1045 HON27 RS16330 WP 168727019.1       LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS  400
NTDB id 1473 PAKAF RS24000 WP 003094694.1       LAERILKKLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADA........PGASQ  386
consensus                                       !!******** ****!** !*  !* *!*** !!!!!!!!*!**!!!*!!**!**!** *!  !***  ** * **!****

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NTDB id 313026 AhaeAN59 RS15295 WP 005083966.1  EEVEQPQYTSPSTSSKKLPPEGLERYLENIEKEVLLNALNLTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTEEDDT.   476
NTDB id 1045 HON27 RS16330 WP 168727019.1       I....QTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 1473 PAKAF RS24000 WP 003094694.1       ...........EGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                                * **** **!!*!!!*!!*****!!*!*!!!!!*!!**!!*!!!!!*!!!!!!*!*!** *
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X non conserved

X similar

X ≥50% conserved