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logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     .MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTP   79
NTDB id 215763 PspS49 RS25140 WP 150774967.1 MNTSPRQKILIVDDEPDIRELLEITLGRMKLDTYSARNLAEAQALLHRETFDLCLTDMRLPDGTGLELVQHIQQRYPQLP   80
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ...MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQFHPQTP   77
consensus                                        *******!!!!!*!***!***!!*!!***! *!*** *!* !* ** *!*!!!!**!!!!*!!*!!****!**!**!

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NTDB id 1045 HON27 RS16330 WP 168727019.1     IAVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIAR   159
NTDB id 215763 PspS49 RS25140 WP 150774967.1 VAMITAYGSLETAINALKAGAFDFLTKPVDLTRLRELVGTALRMPAAG...GSSTSIDRRLLGDSAPMRNLRKQIDKLAR   157
NTDB id 1473 PAKAF RS24000 WP 003094694.1    VAMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPE...AEEAPVDNRLLGESPPMRALRNQIGKLAR   154
consensus                                    *!**!!!!****!!*!!!!!!!!!**!!!** *!**!***!!**   *   ** * ****!*!*! !***!! *! !*!!

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NTDB id 1045 HON27 RS16330 WP 168727019.1     SQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLD   239
NTDB id 215763 PspS49 RS25140 WP 150774967.1 SQAPVYISGESGSGKELVARLIHEQGPRASQPFVPVNCGAIPSELMESEFFGHRKGSFTGAVEDKPGLFQAAHGGTLFLD   237
NTDB id 1473 PAKAF RS24000 WP 003094694.1    SQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLD   234
consensus                                    !!!!!***!!!!*!!!*!!*!*!****! * !!***!!!!!!*!!!!!!*!!!!*!!!!!!!**!!*!!***!*!!*!!!!

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NTDB id 1045 HON27 RS16330 WP 168727019.1     EIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVL   319
NTDB id 215763 PspS49 RS25140 WP 150774967.1 EVADLPLSMQVKLLRAIQEKAVRSVGGQQESVVDVRILCATHKDLDAEVAAERFRQDLYYRLNVIELRVPSLRERRDDIE   317
NTDB id 1473 PAKAF RS24000 WP 003094694.1    EVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIP   314
consensus                                    !*!*!!**!!!!!!!!*!!!**! !!**!!* !!*!***!*!*!!***!*****!!!!!**!**!**!**!*!!!!**!*

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NTDB id 1045 HON27 RS16330 WP 168727019.1     LLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQ   399
NTDB id 215763 PspS49 RS25140 WP 150774967.1 VLAAHMLKRLAKDTGQPAARLHPQALEALKNYRFPGNVRELENVLERAHTLCENRTIEAEDLRLSEGNCAA.........   388
NTDB id 1473 PAKAF RS24000 WP 003094694.1    LLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS.........   385
consensus                                    *!! ******* *** !***!*  ! * !****!!!!!!!!*!**!!! !!*!* *!*  *!****** **

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NTDB id 1045 HON27 RS16330 WP 168727019.1     SIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 215763 PspS49 RS25140 WP 150774967.1 .......DGGIADLTQIDNLEDYLENVERKLILQALEETRWNRTAAAQRLSLSFRSMRYRLKKLGLD.......   448
NTDB id 1473 PAKAF RS24000 WP 003094694.1    .......QEGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                           *** ** ***!!*!!!**!******!!**!*!!!!*!!**!***!!!*!!!!!!*!*!
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X non conserved

X similar

X ≥50% conserved