

NTDB id 85	BSU 00860 NP 387967.1	..MMFGRFTEAAQKVLLALAQEEALRLGHNNIGTEHLLGLVREGEGIAAKALQALGLGSEKIQKVEVES..LIGRGQ....	72
NTDB id 610	V4T04 RS10165 WP 012897346.1	MKFENIKYIPTPLDRILLKAEYEAHQVQYGTIESAHLIAAMATTSGSIAYSLLAGMNVDSDDLIDLED.....LSSH	72
NTDB id 377	SMU RS09275 WP 002262344.1	MTDYSLKMGEVFRLLAQFEAAAFESSYLESWHVLLAMVEIDS SVAGLSFAEF EADVRFEDYQAATAILAI GKPKSSS	76
NTDB id 329	STU RS10020 WP 01125298.1	MTIYSRKMQAIFHRAQLAERFESPFLETHVHLLAMVEVPGSVAYLTFTDFEDRIHSEETATAAVLAMEKRPKDL	76
NTDB id 297	STER RS00545 WP 011680614.1	MTIYSRKMQAIFHRAQLAERFESPFLETHVHLLAMVEVPGSVAYLTFTDFEDRIHSEETATAAVLAMEKRPKDL	76
NTDB id 49652	SSUJS14 RS09510 WP 014636516.1	MKISRGLGQGVYEDAQLIAQRYSSDYLETWHLLLAFFVINPD TVAGATLA EYPA DVL..DYERAVYVMVGRRYHE..	71
NTDB id 287	SP RS11210 WP 001109712.1	MNYSKALNECTESAYMVAGHFGARYLESWHLLIAMS NHSY SVAGATLNDYPYEMD..RLEEVALELTETDYS...	70
NTDB id 290	KZH43 RS10025 WP 001109677.1	MNYSKALNECTESAYMVAGHFGARYLESWHLLIAMS NHSY SVAGATLNDYPYEMD..RLEEVALELTETDYS...	70
NTDB id 289	SPD RS10700 WP 001109677.1	MNYSKALNECTESAYMVAGHFGARYLESWHLLIAMS NHSY SVAGATLNDYPYEMD..RLEEVALELTETDYS...	70
consensus		* * * * *	

NTDB id 85	BSU 00860 NP 387967.1	..EMSQTTHYTPRAKKVIELSMDEARKGHSYVGTEHTLGLRLEGVGAARVLNNLGVSLNKAQQVQLQL.....	142
NTDB id 610	V4T04 RS10165 WP 012897346.1	VKVKRSTLRFSPRAEEVMTAASFIAHNNSEAVGTEHTLYALLQVEDCFGLQLLKL.....QKINIVSLRKELEKR	143
NTDB id 377	SMU RS09275 WP 002262344.1	N..DIMLLEQSHAKRTLAEAAAIISQVTHAKEVGTEHVLFAMLLNPNLATRILELVGFHAKDDGESIRLLDLRKVITY	154
NTDB id 329	STU RS10020 WP 011225298.1	ESDIIDLRQAQSPALEAMLQEAQGTASVTGAVEVCGSEHVLMAFLHKDLVCRLELVAGFGYKDDSKPRIIDLRRSLERN	156
NTDB id 297	STER RS00545 WP 011680614.1	ESDIIDLRQAQSPALEAMLQEAQGTASVTGAVEVCGSEHVLMAFLHKDLVCRLELVAGFGYKDDSKPRIIDLRRSLERN	156
NTDB id 49652	SSUJS14 RS09510 WP 014636516.1	ELSEFFFFPSKRVKELQVFAEKTAELVKSGLGTEHTFMGMLLDKRSTASQILDQVGFHFEDSDDKVRFDLDRKNLEAK	151
NTDB id 287	SP RS11210 WP 001109712.1	QDETFTFELPSRRLQVLFDEAEYVASVHAKVLGTEHVLVAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 290	KZH43 RS10025 WP 001109677.1	QDETFTFELPSRRLQVLFDEAEYVASVHAKVLGTEHVLVAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 289	SPD RS10700 WP 001109677.1	QDETFTFELPSRRLQVLFDEAEYVASVHAKVLGTEHVLVAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
consensus		* * * * *	

NTDB id	85	BSU 00860 NP 387967.1	.GSNE.....TGSS.....AAGTNSNANTPTLDSLARDLTAIAKEDSLDPVIGRSKEIQRVTIEVLRRRTKN	202
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NTDB id	377	SMU RS09275 WP 002262344.1	AGFSKEDIKAIFEMRKPKVKVNSSFSDLMKPPSVGTGELADFTDTELARQGLEPVIGREQEISRMVQILSRKTKN	232
NTDB id	329	STU RS10020 WP 011225298.1	AGLSKQDLKAIHDLRKPCKSKASANFANMMQPQSSTGELADYTKDLTALAESGNLPITGRDEEISMRIQVLSRKTKN	235
NTDB id	297	STER RS00545 WP 011680614.1	AGLSKQDLKAIHDLRKPCKSKASANFANMMQPQSSTGELADYTKDLTALAESGNLPDVIGRDEEISMRIQVLSRKTKN	235
NTDB id	49652	SSUJS14 RS09510 WP 014636516.1	ACFTKEHLKAIARTMTKGKPKQAATVGNNMGMTQSQSGGLEDYTRDLTALARSGQLEPVIGRDEEISRMQLILSRKTKN	229
NTDB id	287	SP RS11210 WP 001109712.1	AGWTREDLKALRQRHRHTVADK.QNSMANMMMGMPPQPSGGLEDYTHDLTEQARSGKLEPVIGRDKEISMRIQILSRKTKN	228
NTDB id	290	KZH43 RS10025 WP 001109677.1	AGWTREDLKALRQRHRHTVADK.QNSMANMMMGMPPQPSGGLEDYTHDLTEQARSGKLEPVIGRDKEISMRIQILSRKTKN	228
NTDB id	289	SPD RS10700 WP 001109677.1	AGWTREDLKALRQRHRHTVADK.QNSMANMMMGMPPQPSGGLEDYTHDLTEQARSGKLEPVIGRDKEISMRIQILSRKTKN	228
consensus			* ***** * ** *** **** ***** * ** *** **** ***** * ** *** **** ***** *	

NTDB id 85	BSU 00860 NP 387967.1	NPVLIGEPGVGKTAIAEGLAQQTINNVEPEILRDKRVMTLDMGTIVVAGTKYRGEFEDRLKKVMDIIRQAGNIIILFIDELH	282
NTDB id 610	V4T04 RS10165 WP 012897346.1	NPVLVGEPEGVGKSAIEIEGLAQRIVNGQVPIGLMNSRIMAINMATIVVAGTKFRGEFEDRLTAIVEEVSSDPDVIIFIDELH	295
NTDB id 377	SMU RS09275 WP 002262344.1	NPVLVGDAAGVGKTALAYGLAQRIVDSAVPFELADMKVLELDDMSVVAGTRFRGDFEERMNQIITADIEADGHIVLFIDELH	312
NTDB id 329	STU RS10020 WP 011225298.1	NPVLVGEAGVGKTALALGLAQRIASGEVPFELADMRILELDDMSVVAGTRFRGDFEERMNQIIDEIEADGKIILFIDELH	315
NTDB id 297	STER RS00545 WP 011680614.1	NPVLVGEAGVGKTALALGLAQRIASGEVPFELADMRILELDDMSVVAGTRFRGDFEERMNQIIDEIEADGKIILFIDELH	315
NTDB id 49652	SSUJS14 RS09510 WP 014636516.1	NPVLVGDAAGVGKTALALGLAQRIANGGEVPASIVNMRILELDDLMNVITAGTRFRGDFEERMNNIINDIEEDGRVILFIDELH	309
NTDB id 287	SP RS11210 WP 001109712.1	NPVLVGDAAGVGKTALALGLAQRIASGDVPAEAMAKMRVLELDDLMNVVAGTRFRGDFEERMNNIIKDIEEDGQVILFIDELH	308
NTDB id 290	KZH43 RS10025 WP 001109677.1	NPVLVGDAAGVGKTALALGLAQRIASGDVPAEAMAKMRVLELDDLMNVVAGTRFRGDFEERMNNIIKDIEEDGQVILFIDELH	308
NTDB id 289	SPD RS10700 WP 001109677.1	NPVLVGDAAGVGKTALALGLAQRIASGDVPAEAMAKMRVLELDDLMNVVAGTRFRGDFEERMNNIIKDIEEDGQVILFIDELH	308
consensus		NPVLIGEPGVGKTAIAEGLAQQTINNVEPEILRDKRVMTLDMGTIVVAGTKYRGEFEDRLKKVMDIIRQAGNIIILFIDELH	

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NTDB id 85 BSU 00860 NP 387967.1
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NTDB id 329 STU RS10020 WP 011225298.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 49652 SSUJS14 RS09510 WP 014636516.1
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consensus
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consensus

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