

NTDB id 85	BSU 00860 NP 387967.1	..MMFGRFTERAQKVILALAQEEALARLGHNNIGTEHILLGLVREGEGIAAKAQLALGLGSEKIQKEVESLIGRG.....	71
NTDB id 610	V4T04 RS10165 WP 012897346.1	MKFENIKYIPTDRILEKAEEYAHHQYQGTTIESAHLLAAMATTSGSIAYSSLLAGMNVDSDDLIDL.....E.DLSSH	72
NTDB id 287	SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNNDYPYEMDRLLEE.....VALELTETDYS	70
NTDB id 290	KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNNDYPYEMDRLLEE.....VALELTETDYS	70
NTDB id 289	SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNNDYPYEMDRLLEE.....VALELTETDYS	70
NTDB id 329	STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAEERFESPLETEWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDL	76
NTDB id 297	STER RS00545 WP 011680614.1	MTIYSRKMQAIFHRAQLEAEERFESPLETEWHVLLAMVEVTG SVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDL	76
NTDB id 1116585	EW024 RS08680 WP 011529075.1	MTIMYSTKMQDIFRQAQFAARFD SHYLETWHVLLAMVAVDN SLANMI LSEYDAQVAIEEYAAAA ILAMGKTPKEQL	76
NTDB id 377	SMU RS09275 WP 002262344.1	MTDYSLKMEVFRLAQFEAAAFESSYLESWHVLLAMVEIDS SVAGLSFAEFEEADVRFEDYQAAA ILAIGKKPKSS	76
consensus		* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *	

NTDB id 85	BSU 00860 NP 387967.1	.QEMSQTHYTPRAKKVIELSMDEARKLGHSYVGTEHLLGLIREGEGVAARVLNNLGVSLNKAQQVQLQLGSNET...	147
NTDB id 610	V4T04 RS10165 WP 012897346.1	VKVKRSTLRFSPPRAEEVMTAASF LAIHNNSEAVGTEHLLYALLQVEDGFGCLQLKL.....QKINIVSLRKELEX	142
NTDB id 287	SP RS11210 WP 001109712.1	QDETFTTELPFSRRLQVLFDEAEYVASVHAKVLTGEHVLVAILHDSNALATRILERAGFSYEDKKDQ.VKIAALRRNLEE	149
NTDB id 290	KZH43 RS10025 WP 001109677.1	QDETFTTELPFSRRLQILFDEAEYVASVHAKVLTGEHVLVAILHDGNALATRILERAGFSYEDKKDQ.VKIAALRRNLEE	149
NTDB id 289	SPD RS10700 WP 001109677.1	QDETFTTELPFSRRLQILFDEAEYVASVHAKVLTGEHVLVAILHDGNALATRILERAGFSYEDKKDQ.VKIAALRRNLEE	149
NTDB id 329	STU RS10020 WP 011225298.1	ESDIIDLRAQSPALEAMLQEAQGIASVTGAVEVGSEHVLMAFLLHKDLMVCRLLLEVAGFQYKDDSDK.PRIIDLRRSLER	155
NTDB id 297	STER RS00545 WP 011680614.1	ESDIIDLRAQSPALEAMLQEAQGIASVTGAVEVGSEHVLMAFLLHKDLMVCRLLLEVAGFQYKDDSDK.PRIIDLRRSLER	155
NTDB id 1116585	EW024 RS08680 WP 011529075.1	..SRVDFRPQSKTLTNLLAFAQAISQITRDQEVGSEHVLFAILLNPDIMASRILEIAGYQIKDSGNGQPRLADLRKATER	154
NTDB id 377	SMU RS09275 WP 002262344.1	..NDIMLLEQSHALKRTLAEAAAI SQVTHAKEVGTGEHVLFAILLNPNL LATRILELVGFHAKDDGES.IRLLDLRKVIER	153
consensus		..NDIMLLEQSHALKRTLAEAAAI SQVTHAKEVGTGEHVLFAILLNPNL LATRILELVGFHAKDDGES.IRLLDLRKVIER	

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NTDB id	287 SP RS11210 WP 001109712.1	RAGWTRREDLK.ALRQRHRT.VADKQNSMANMMGMPQTSPGGLEDYTHDLTEQARSCKLEPVIGRDKEISRMIIQLSRKTk	227
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NTDB id	289 SPD RS10700 WP 001109677.1	RAGWTRREDLK.ALRQRHRT.VADKQNSMANMMGMPQTSPGGLEDYTHDLTEQARSCKLEPVIGRDKEISRMIIQLSRKTk	227
NTDB id	329 STU RS10020 WP 011225298.1	NAGLSKQDLK.AIHDRLRKPKKSASANFANMMQPQSSTGELADYT KDLTALAESGNLDPIGRDEEISRMIVLSRKTk	234
NTDB id	297 STER RS00545 WP 011680614.1	NAGLSKQDLK.AIHDRLRKPKKSASANFANMMQPQSSTGELADYTKDLTALAESGNLDPVIGRDEEISRMIVLSRKTk	234
NTDB id	1116585 EW024 RS08680 WP 011529075.1	HAGYSKEMIK.AIHELRLKPKKTKTGTFSDMMKPP.STAGELSDFTRDLTEMARQGLLSVIGRDQEVS RMIVLSRKTk	232
NTDB id	377 SMU RS09275 WP 002262344.1	YAGFSKEDIK.AIFEMRPKPKVKVNSSFSDLMKPP.SVTGELADFTRLDELTAHQGRLEPVIGREQEISRMIVQLSRKTk	231
consensus		*!*****!*f****g*** * **** * **** * !!!!!!!*!*****!	

[illegible]

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NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
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consensus



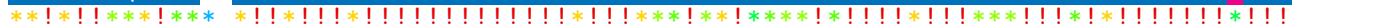
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consensus

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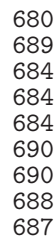
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consensus
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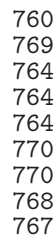
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NTDB id 377 SMU RS09275 WP 002262344.1
consensus

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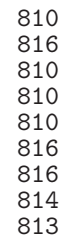
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NTDB id 1116585 EW024 RS08680 WP 011529075.1
NTDB id 377 SMU RS09275 WP 002262344.1
consensus

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- X non conserved
- X similar
- X >50% conserved