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NTDB id	378	SMU	RS02690	WP	002263569.1	MLCQNCKLINEA.....TI	13
NTDB id	241	SP	RS04015	WP	000882523.1	MLCQNCKINDS.....TI	13
NTDB id	281	KZH43	RS03550	WP	000882517.1	MLCQNCKINDS.....TI	13
NTDB id	245	SPD	RS03860	WP	000882517.1	MLCQNCKINDS.....TI	13
NTDB id	243	SPR	RS03635	WP	000882517.1	MLCQNCKINDS.....TI	13
NTDB id	85	BSU	00860	NP	387967.1	. .MMFGRFTERAQKVLALAQEEALARLGHNNIGTEHILLGLVREGEGIAAKALQALGLGSEKIQKEVESLIG.....RGQEMS	75
NTDB id	610	V4T04	RS10165	WP	012897346.1	MKFENIKYPTPLDRILEKAEEYAHHQYQYGTTIESAHLLAAMATTSGSIAYSLLAGMNVDDSDLLIDL.....EDLSSHVKVR	77
NTDB id	290	KZH43	RS10025	WP	001109677.1	MNYSKALNECIESAYMVAGHFARGYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYSQDETTF	75
NTDB id	289	SPD	RS10700	WP	001109677.1	MNYSKALNECIESAYMVAGHFARGYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYSQDETTF	75
NTDB id	287	SP	RS11210	WP	001109712.1	MNYSKALNECIESAYMVAGHFARGYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYSQDETTF	75
NTDB id	377	SMU	RS09275	WP	002262344.1	...MTDYSLKMQEVFRLAQFEAAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAIIAIGKKPKSSSN..DI	79
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consensus						*** * * * * **	

NTDB id	601	KW2	RS02615	WP	021036805.1	HLYTSVNGQKKQIDLCQNCYQ...IMKSGGQALFGAGNASNGNSDEP.....FNP.FNDIFSAIQQG.DFNGAASN..	80
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NTDB id	245	SPD	RS03860	WP	000882517.1	HLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNNRD.....FDP.FGDFFNDDLNNFRPSSN..TP.	76
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NTDB id	85	BSU	00860	NP	387967.1	QTIHYTPRAKKVIELSMDEARKLGHSYVGTEHILLGLIREGEGVAARVLNNLGVSLNKARQQVLQL.....LGSNET....	147
NTDB id	610	V4T04	RS10165	WP	012897346.1	STLRFSPRAEVMTAASFLAIHNNEAVGTEHLYALLQVEDGFGLQLKL.....QKINIVSLRKLEKTRGLKVPESKK	153
NTDB id	290	KZH43	RS10025	WP	001109677.1	TELPFSRRLLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id	289	SPD	RS10700	WP	001109677.1	TELPFSRRLLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id	287	SP	RS11210	WP	001109712.1	TELPFSRRLLQILFDEAEYVASVVHAKVLGTEHVLYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id	377	SMU	RS09275	WP	002262344.1	MILEQSHALKRTLAEEAAAISQVTHAKEVGTEHVLFAMLLNPNLLATRIILELVGFHAKDDGESIRLLDLRKVTIERYAGFSKEDIKA	164
NTDB id	297	STER	RS00545	WP	011680614.1	DLRAQSPALEAMLQEAEIASVTGAVEVGESEHVLMFAFLHKDLMVCRLLEVAGVFQYKDDSDKPRIIDLRRSLERNAGLSKQDLKA	166
NTDB id	329	STU	RS10020	WP	011225298.1	DLRAQSPALEAMLQEAGGIASVTGAVEVGESEHVLMFAFLHKDLMVCRLLEVAGVFQYKDDSDKPRIIDLRRSLERNAGLSKQDLKA	166
consensus						* ** * * * * *	

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NTDB id 329 STU RS10020 WP 011225298.1
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NTDB id 329 STU RS10020 WP 011225298.1
consensus



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consensus

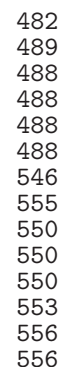


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consensus

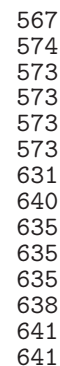
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consensus

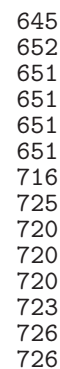
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NTDB id 287 SP RS11210 WP 001109712.1
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NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus

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NTDB id 378 SMU RS02690 WP 002263569.1	DNLLQIVSLMLDDVNQRLAVNAIHLDTDKVKEKLVDLGYDPKMGARPLRRTIQEHIEDIAITDFYLEHPEQKEL.KAIVMTSNGKI	736
NTDB id 241 SP RS04015 WP 000882523.1	DNLLQIVELMLADVNKRLSSNNIRLDVTDKVKEKLVDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTSKGNI	735
NTDB id 281 KZH43 RS03550 WP 000882517.1	DNLLQIVELMLADVNKRLSSNNIRLDVTDKVKEKLVDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTSKGNI	735
NTDB id 245 SPD RS03860 WP 000882517.1	DNLLQIVELMLADVNKRLSSNNIRLDVTDKVKEKLVDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTSKGNI	735
NTDB id 243 SPR RS03635 WP 000882517.1	DNLLQIVELMLADVNKRLSSNNIRLDVTDKVKEKLVDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTSKGNI	735
NTDB id 85 BSU 00860 NP 387967.1	KHLTEIVSLMSDQLTKRLKEQDLSTIELTDAAKAKVAEEGVLDLEYGARPLRRAIQKHVEDRLSEELLRGNIHKGQHTVLDVEDGEF	801
NTDB id 610 V4T04 RS10165 WP 012897346.1	QEIEQIVKIMSKSLIKRLAEQDIHVKLTPSAVKLIAEVGFDPEYGARPLRKALQKEVEDLLSEQLLSGETKAGNHVSTIGASNKKI	810
NTDB id 290 KZH43 RS10025 WP 001109677.1	DHMQEVVKIMVKPLVASLAEKGIIDLKLQASALKLLANQGYDPEMGARPLRRTLQTEVEDKLAELLKGDIVAGSILKIGVKAGQL	805
NTDB id 289 SPD RS10700 WP 001109677.1	DHMQEVVKIMVKPLVASLAEKGIIDLKLQASALKLLANQGYDPEMGARPLRRTLQTEVEDKLAELLKGDIVAGSILKIGVKAGQL	805
NTDB id 287 SP RS11210 WP 001109712.1	DHMQEVVKIMVKPLVASLAEKGIIDLKLQASALKLLANQGYDPEMGARPLRRTLQTEVEDKLAELLKGDIVAGSILKIGVKAGQL	805
NTDB id 377 SMU RS09275 WP 002262344.1	EDIRHIVKIMVAPLIAHLADQGKITLKFQPSALKHLALAGYDAEMGARPLRRTLQTEVEDKLAELLTSGKLASGQTLKIGIQKEKL	808
NTDB id 297 STER RS00545 WP 011680614.1	EQLHDIVKIMVKPLISALADKGISLKFQPAALKHLAKDGYDIEMGARPLRRTIQTQVEDKLSLELLGGQVVSQQTILKIGCSKDKL	811
NTDB id 329 STU RS10020 WP 011225298.1	EQLHDIVKIMVKPLISALADKGISLKFQPAALKHLAKDGYDIEMGARPLRRTIQTQVEDKLSLELLGGQVVSQQTILKIGCSKDKL	811
consensus	*** *! *!* * **** * * * * !*****!!!!!!* *! *** * * * * * * * * *	

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NTDB id 601 KW2 RS02615 WP 021036805.1	ISNQTQETAETTDEEVP	748
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NTDB id 281 KZH43 RS03550 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 245 SPD RS03860 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 243 SPR RS03635 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
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NTDB id 289 SPD RS10700 WP 001109677.1	KFDIA.....	810
NTDB id 287 SP RS11210 WP 001109712.1	KFDIA.....	810
NTDB id 377 SMU RS09275 WP 002262344.1	KFDIV.....	813
NTDB id 297 STER RS00545 WP 011680614.1	TFTVV.....	816
NTDB id 329 STU RS10020 WP 011225298.1	TFTVV.....	816
consensus		

- non conserved
- similar
- ≥ 50% conserved