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NTDB id 601 KW2 RS02615 WP 021036805.1	MLCQNCNI NEAT.....I	13
NTDB id 281 KZH43 RS03550 WP 000882517.1	MLCQNCCKINDST.....I	13
NTDB id 245 SPD RS03860 WP 000882517.1	MLCQNCCKINDST.....I	13
NTDB id 243 SPR RS03635 WP 000882517.1	MLCQNCCKINDST.....I	13
NTDB id 241 SP RS04015 WP 000882523.1	MLCQNCCKINDST.....I	13
NTDB id 49679 SSU12 RS02435 WP 011922698.1	MLCKNCNINDAT.....I	13
NTDB id 378 SMU RS02690 WP 002263569.1	MLCQNCCKLNEAT.....I	13
NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTEAQQVLALAQEEALRLGHNNIGTEHILLGLVREGGIAAKALQALGLGSEKIQKEVESLIG.....RGQEMS	75
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYTPTLDRILEKAEEYAHQYQYGTIESAHLAAMATTSGSIAYSLLAGMNVDSDDLIDL.....EDLSSHVKVKR	77
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNSHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNSHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNSHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 377 SMU RS09275 WP 002262344.1	MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFADRVRFEDYQAAAAILAIGKKPKSSSN..D	79
NTDB id 297 STER RS00545 WP 011680614.1	MTIYSRKMQAIFHRAQLEAERFESPFLWTWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLSESDI	81
NTDB id 329 STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAERFESPFLWTWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLSESDI	81
consensus	**.....*	*

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NTDB id 601 KW2 RS02615 WP 021036805.1	HLYTSVNGCQKKQIDLCQNCYQ...IMKSGGQEALEFGAGNASNGNSDEPFNP.....FNDIFSAL...QG...QDFNG	76
NTDB id 281 KZH43 RS03550 WP 000882517.1	HLYTNLNGKQKQIDLCQNCYK...I IKTDPNNSLFKGMTD..LNNRD.FDP.....FGDFFNDL...NNFRPS....	72
NTDB id 245 SPD RS03860 WP 000882517.1	HLYTNLNGKQKQIDLCQNCYK...I IKTDPNNSLFKGMTD..LNNRD.FDP.....FGDFFNDL...NNFRPS....	72
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NTDB id 241 SP RS04015 WP 000882523.1	HLYTNLNGKQKQIDLCQNCYK...I IKTDPNNSLFKGMTD..LNNRD.FDP.....FGDFFNDL...NNFRPS....	72
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NTDB id 85 BSU 00860 NP 387967.1	QTIHYTPRAKKVIELSMDEARKLGHSYVGT EHL LGLIREGEGVAARVLNNLGVSLNKARQQVLQL.....LGSNET....	147
NTDB id 610 V4T04 RS10165 WP 012897346.1	STLRFSPRAFEVMTAASFLAIHNNSEAVGTEHLLYALLQVEDGFGQLLLKL.....QKINIVSLRKELEKRTGLKVPESKK	153
NTDB id 287 SP RS11210 WP 001109712.1	TELPFSRRLQVLFDEAEYVASVVHAKVLGTEHVLVYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id 290 KZH43 RS10025 WP 001109677.1	TELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLVYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id 289 SPD RS10700 WP 001109677.1	TELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLVYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id 377 SMU RS09275 WP 002262344.1	MLLEQSHALKRTLAEAAAISQVTHAKEVGT EHVLFAMLLNPNLLATRILELVGFHAKDDGESIRLLDLRKVIERYAGFSKEDIKA	164
NTDB id 297 STER RS00545 WP 011680614.1	DLRAQSPALEAMLQEAQEIASVTGAVEVGEHVLMFAFLHKLDMVCRILLEVAGFQYKDDSDKPRIIDLRRSLERNAGLSKQDLKA	166
NTDB id 329 STU RS10020 WP 011225298.1	DLRAQSPALEAMLQEAQGIASVTGAVEVGEHVLMFAFLHKLDMVCRILLEVAGFQYKDDSDKPRIIDLRRSLERNAGLSKQDLKA	166
consensus	* * * * *	* * * * *

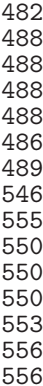
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consensus							* * ** * *** * * * * * * * * * * * * * *	

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NTDB	id	245	SPD	RS03860	WP	000882517.1	GEPGVGKTA	V	E	G	L	A	Q	K	I	V	D	G	D	V	P	H	K	L	Q	G	K	Q	V	I	R	L	D	V	V	S	L	V	Q	G	T	G	I	R	Q	F	E	E	R	M	Q	K	L	M	E	I	R	K	R	E	D	I	I	L	F	I	D	E	L	H	E	I	V	G	A	G	S	A	G	D	242	
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NTDB	id	610	V4T04	RS10165	WP	012897346.1	GEPGVGKSA	I	I	E	G	L	A	Q	R	I	V	N	G	Q	V	P	I	G	L	M	N	S	R	I	M	A	L	N	M	A	T	V	V	A	G	T	K	F	R	G	E	F	E	D	R	L	T	A	I	V	E	V	S	S	D	P	D	V	I	I	L	F	I	D	E	L	H	T	I	G	A	G	G	M		


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consensus

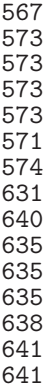
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consensus

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NTDB id 601 KW2 RS02615 WP 021036805.1	VISNQTQETAETTDDEEVPAE	748
NTDB id 281 KZH43 RS03550 WP 000882517.1	QIKSAKKAIEVKSSEKEK...	752
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consensus	*	

- non conserved
- similar
- ≥ 50% conserved