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NTDB id 597 KW2 RS01935 WP 021036727.1	. MNKKTMLIGRLTNAPEISKTTNNKSYVRVTLAVNRRFKNEKGEREADFISITILWGKSAETLIVSYAKKGSLSISVEGEIRTRNYTDK	84
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQDNGEREADFVNMVLWGKLAESLASATKGSLSISVDGELRTRRFE.K	84
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKQDNGEREADFVNMVLWGRLAETLASATKGSLSISVDGELRTRRFE.K	84
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKQDNGEREADFVNMVLWGRLAETLASATKGSLSISVDGELRTRRFE.K	84
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQDNGEREADFVNMVLWGRLAETLASATKGSLSISVDGELRTRRFE.K	84
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQDNGEREADFVNMVLWGRLAETLASATKGSLSISVDGELRTRRFE.K	84
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQDNGEREADFVNMVLWGRLAETLASATKGSLSISVDGELRTRRFE.K	84
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAPENVKTPSNKSVTHITLAVNRRFKTQDGERQADFVNVMVFWGKLAESLVSYAGKGSLSISLDGEIRTRHYE.K	84
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKSQDGEKQADFVNVLWGRLAETIASYGSKGSLSISLDGELRTRKYE.K	84
NTDB id 80048 L6482 RS10625 WP 200152291.1	MMNRVVLIGRLTKEPELYYTKQGVAYARVCVAVNRGFRNSLGEQQVDFINCVVWRKSAENVTEYCKKGSLSVGITGRIHTKNYEDD	85
NTDB id 624 LCA RS00040 WP 011373726.1	MINRVVLVGRLTRDVEDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLSVGVDGRLQTRNYENQ	85
NTDB id 113 BSU 40900 NP 391970.1	MLNRVVLVGRLTCKDPELRYTPNGAAVATFTLAVNRFTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTRNYENQ	85
NTDB id 112 BSU 36310 NP 391512.2	MFNQVMLVGRLTCKDPELRYTSAGAAVAHVTLAVNRSFKNASGETEADYVNCTLWRKTAENTALYCQKGSLSVGVSGRITQTRSYENE	85
consensus	***!*****!!* ** *	

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NTDB id 597 KW2 RS01935 WP 021036727.1	NGQMNYVTEVLVTGFLLESRAQRAMRENNAGQ	122
NTDB id 498 SM12261 RS01980 WP 000282464.1	NGQMNYVTEVLVTGFLLESRAQRAMRENNAGQ	124
NTDB id 526 SMSK321 RS08825 WP 000282440.1	NGQMNYVAEVLVTGFLLESRAQRAMRENNAGQ	124
NTDB id 158 SP RS09595 WP 000282442.1	NGQMNYVTEVLVTGFLLESRAQRAMRENNAGQ	124
NTDB id 268 KZH43 RS08520 WP 000282467.1	NGQMNYVTEVLVTGFLLESRAQRAMRENNAGQ	124
NTDB id 227 SPD RS09110 WP 000282467.1	NGQMNYVTEVLVTGFLLESRAQRAMRENNAGQ	124
NTDB id 193 SPR RS08685 WP 000282467.1	NGQMNYVTEVLVTGFLLESRAQRAMRENNAGQ	124
NTDB id 583 DLJ51 RS09560 WP 002962590.1	DGQTHYVTEITLAQSFQLLESRAQRAALRENNGAS	124
NTDB id 409 SMU RS08940 WP 002263454.1	DGVTHFVTEVLGHSFQLLESRAQRAMRENNSEN	124
NTDB id 80048 L6482 RS10625 WP 200152291.1	QGKRIYITEVVIESTITFLERRREGVSQ	112
NTDB id 624 LCA RS00040 WP 011373726.1	QGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNQSQ.....QSFGTSPQQTGNAPAANNTQADPFANNQQAIDT	163
NTDB id 113 BSU 40900 NP 391970.1	QGQRVFVTEVQAESVQFLEPKNGGCGSGS.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDGKPIDI	165
NTDB id 112 BSU 36310 NP 391512.2	EGVNVYVTEVLADTVRFMDPKPREKAAD	113
consensus	*** **!*** ***** **	

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NTDB id 597 KW2 RS01935 WP 021036727.1	EADELFPF	129
NTDB id 498 SM12261 RS01980 WP 000282464.1	EEEELPF	131
NTDB id 526 SMSK321 RS08825 WP 000282440.1	EEEELPF	131
NTDB id 158 SP RS09595 WP 000282442.1	EEEELPF	131
NTDB id 268 KZH43 RS08520 WP 000282467.1	EEEELPF	131
NTDB id 227 SPD RS09110 WP 000282467.1	EEEELPF	131
NTDB id 193 SPR RS08685 WP 000282467.1	EEEELPF	131
NTDB id 583 DLJ51 RS09560 WP 002962590.1	EEEELPF	131
NTDB id 409 SMU RS08940 WP 002263454.1	EEEELPF	131
NTDB id 80048 L6482 RS10625 WP 200152291.1		112
NTDB id 624 LCA RS00040 WP 011373726.1	SDDDLFPF	170
NTDB id 113 BSU 40900 NP 391970.1	SDDDLFPF	172
NTDB id 112 BSU 36310 NP 391512.2		113
consensus	*****	

 non conserved
 similar
 $\geq 50\%$ conserved