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NTDB id 27472 LLMG RS10635 WP 011835834.1	MINNVTLVGRITKKPELRYTPQNKAVATFTLAVNRAFKNANGEREADFTISCVIWGKSAENLANWTHKGQLIGVIGNIQTNRNYENQ	85
NTDB id 624 LCA RS00040 WP 011373726.1	MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVGDGRLQTRNYENQ	85
NTDB id 113 BSU 40900 NP 391970.1	MLNRVVLVGRLTCKDPPELRYTPNGAAVATFTLAVNRFTTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTRNYENQ	85
NTDB id 112 BSU 36310 NP 391512.2	MFNQVMLVGRLTCKDPELRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYQCQKGSLVGVSGRIQTRSYENE	85
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTM LIGRLTNAPEISKTTNNKSYVRVTLAVNRRFKNEKGEREADFTISITLWGKSAETLVSYAKKGSLISVEGEIRTRNYTDK	84
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQDNGEREADFVNMMVLWGKLAESLASYATKGSLISVDGELRTRRFE.K	84
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKQDNGEREADFVNMMVLWGRLAETLASYATKGSLISVDGELRTRRFE.K	84
NTDB id 158 SP RS09595 WP 000282442.1	MYNKKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKQDNGEREADFVNMMVLWGRLAETLASYATKGSLISVDGELRTRRFE.K	84
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQDNGEREADFVNMMVLWGRLAETLASYATKGSLISVDGELRTRRFE.K	84
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQDNGEREADFVNMMVLWGRLAETLASYATKGSLISVDGELRTRRFE.K	84
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQDNGEREADFVNMMVLWGRLAETLASYATKGSLISVDGELRTRRFE.K	84
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDGERQADFVNMMVLWGRLAETLASYAGKGSLSLDGELTRRHYE.K	84
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKSQDGEKQADFVNMMVLWGRLAETIASYGSKGSLISLDGELRTRKYE.K	84
consensus	***!*****!!** **	

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NTDB id 27472 LLMG RS10635 WP 011835834.1	NGQNMYYVTEVLVGFQLLESRAQRAMRENNAG	
NTDB id 624 LCA RS00040 WP 011373726.1	QGQRVYITEVVASNFQVLEKSNQANGERV.....SNP.....AAKPQNNSDF..GSDPMEI	134
NTDB id 113 BSU 40900 NP 391970.1	QGQRVYVTEVVVDNFSLLESRTTTEQRQDGA SQNFNSNQSNQS.....QSQFTSPQQTGNAPAANNTQADPFANNGQAIDI	163
NTDB id 112 BSU 36310 NP 391512.2	QGQRVFVTEVQAESVQFLEPKNGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDGKPIDI	165
NTDB id 597 KW2 RS01935 WP 021036727.1	EGVNVYVTEVLADTVRFMDPKPREKAAD.....	113
NTDB id 498 SM12261 RS01980 WP 000282464.1	NEQKHYTEIILGLSYDLLESRA TLALRESAV.....KTEELL	122
NTDB id 526 SMSK321 RS08825 WP 000282440.1	NGQNMYYVTEVLVTGFQLLESRAQRAMRENNAG.....QDLADLVL	124
NTDB id 158 SP RS09595 WP 000282442.1	NGQNMYYVTEVLVTGFQLLESRAQRAMRENNAG.....QDLADLVL	124
NTDB id 268 KZH43 RS08520 WP 000282467.1	NGQNMYYVTEVLVTGFQLLESRAQRAMRENNAG.....QDLADLVL	124
NTDB id 227 SPD RS09110 WP 000282467.1	NGQNMYYVTEVLVTGFQLLESRAQRAMRENNAG.....QDLADLVL	124
NTDB id 193 SPR RS08685 WP 000282467.1	NGQNMYYVTEVLVTGFQLLESRAQRAMRENNAG.....QDLADLVL	124
NTDB id 583 DLJ51 RS09560 WP 002962590.1	DGQTHYVTEITLAQS FQLLESRAQRALRENNGA.....SDLTDLVL	124
NTDB id 409 SMU RS08940 WP 002263454.1	DGVTHFVTEVLGHS FQLLESRAQRAMRENNSE.....NDLADLVL	124
consensus	*** **	

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NTDB id 27472 LLMG RS10635 WP 011835834.1	SDDDLPF	141
NTDB id 624 LCA RS00040 WP 011373726.1	SDDDLPF	170
NTDB id 113 BSU 40900 NP 391970.1	SDDDLPF	172
NTDB id 112 BSU 36310 NP 391512.2		113
NTDB id 597 KW2 RS01935 WP 021036727.1	EADLDPF	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
consensus	*****	

 non conserved
 similar
 $\geq 50\%$ conserved