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NTDB id 113	BSU 40900 NP 391970.1	MLNRRVVLVGRLLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR	80
NTDB id 597	KW2 RS01935 WP 021036727.1	.MNKTMIGRLTNAPETSKTTNNKSYYRVTLAVNRRFKNEKGEREADFISITLWGKSAETLVSYAKKGSLISVGEETRTR	79
NTDB id 498	SM12261 RS01980 WP 000282464.1	MYNKKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQNGEREADFVNMVLWGKLAESLASYATKGSLISVDGELRTR	80
NTDB id 526	SMSK321 RS08825 WP 000282440.1	MYNKKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR	80
NTDB id 158	SP RS09595 WP 000282442.1	MYNKKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR	80
NTDB id 268	KZH43 RS08520 WP 000282467.1	MYNKKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR	80
NTDB id 227	SPD RS09110 WP 000282467.1	MYNKKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR	80
NTDB id 193	SPR RS08685 WP 000282467.1	MYNKKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR	80
NTDB id 52056	SMUGS5 RS08860 WP 002263454.1	MYNKKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKSQDGEKQADFVNVLWGRLAETIASYGSKGSLISLDGELRTR	80
NTDB id 409	SMU RS08940 WP 002263454.1	MYNKKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKSQDGEKQADFVNVLWGRLAETIASYGSKGSLISLDGELRTR	80
NTDB id 583	DLJ51 RS09560 WP 002962590.1	MYNKKVILIGRLTAAPEMVKTPSNKSVTHTLAVNRRFKTQDGERQADFVNVLVFWGKLAESLVSYAGKGSLVSLDGEIRTR	80
consensus		***!*****!!**!!***!*****!!*!!!!*****!!*!!*!!*****!!*!!*!!*****!!*!!*!!*****!!*!!*!!	

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NTDB id 113	BSU 40900 NP 391970.1	NYENQCCQRRVFVTEVQAESVQFLEPKNGGCGSGGGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNFSFNDDPFANDG	160
NTDB id 597	KW2 RS01935 WP 021036727.1	NYTDKNEQKHYTEILGLSYDLLESRAATLALRE.....SA.....V..KT	117
NTDB id 498	SM12261 RS01980 WP 000282464.1	RFE.KNGQMNYVTEVLVTGFLLESRAQRAMRE.....NN.....AGQDL	119
NTDB id 526	SMSK321 RS08825 WP 000282440.1	RFE.KNGQMNYVAEVLVTGFLLESRAQRAMRE.....NN.....AGQDL	119
NTDB id 158	SP RS09595 WP 000282442.1	RFE.KNGQMNYVTEVLVTGFLLESRAQRAMRE.....NN.....AGQDL	119
NTDB id 268	KZH43 RS08520 WP 000282467.1	RFE.KNGQMNYVTEVLVTGFLLESRAQRAMRE.....NN.....AGQDL	119
NTDB id 227	SPD RS09110 WP 000282467.1	RFE.KNGQMNYVTEVLVTGFLLESRAQRAMRE.....NN.....AGQDL	119
NTDB id 193	SPR RS08685 WP 000282467.1	RFE.KNGQMNYVTEVLVTGFLLESRAQRAMRE.....NN.....AGQDL	119
NTDB id 52056	SMUGS5 RS08860 WP 002263454.1	KYE.KDGVTHFVTEVLGHSFQLLLESRAQRAMRE.....NN.....SENDL	119
NTDB id 409	SMU RS08940 WP 002263454.1	KYE.KDGVTHFVTEVLGHSFQLLLESRAQRAMRE.....NN.....SENDL	119
NTDB id 583	DLJ51 RS09560 WP 002962590.1	HYE.KDGVTHYVTEITLAQSFLLESRAQRALRE.....NN.....GASDL	119
consensus		*** *****!*****!!********** ** *****	

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NTDB id 113	BSU 40900 NP 391970.1	KPIDISDDDLPF	172
NTDB id 597	KW2 RS01935 WP 021036727.1	EELLLLEADLPF	129
NTDB id 498	SM12261 RS01980 WP 000282464.1	ADLVLEEEELPF	131
NTDB id 526	SMSK321 RS08825 WP 000282440.1	ADLVLEEEELPF	131
NTDB id 158	SP RS09595 WP 000282442.1	ADLVLEEEELPF	131
NTDB id 268	KZH43 RS08520 WP 000282467.1	ADLVLEEEELPF	131
NTDB id 227	SPD RS09110 WP 000282467.1	ADLVLEEEELPF	131
NTDB id 193	SPR RS08685 WP 000282467.1	ADLVLEEEELPF	131
NTDB id 52056	SMUGS5 RS08860 WP 002263454.1	ADLVLEEEELPF	131
NTDB id 409	SMU RS08940 WP 002263454.1	ADLVLEEEELPF	131
NTDB id 583	DLJ51 RS09560 WP 002962590.1	TDLVLEEEELPF	131
consensus		*****!!	

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved