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NTDB id 624 LCA RS00040 WP 011373726.1	MINRVVLVGRLLTRDVLRYTSSGAAVGTFSSMAVNRQFTNANGDREADFVNCVLTWRKSAENFANFTKKGSLVGV	80
NTDB id 113 BSU 40900 NP 391970.1	MLNRRVVLVGRLLTKDPELRYTPNGAAVATFTLAVNRFTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGV	80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTMILIGRLTNAPETISKTTNNKSYVRVTLAVNRRFKNEKGEREADFISTILWGKSAETLVSYAKKGSLISV	79
NTDB id 44382 MGAS15252 RS00655 WP 003053955.1	MYNKKVIAIGRLVAKPELVKTATDKHVARLSLAVNRRFKNASGEREADFISVVVWCKLAETLVSYAKKGSLISV	80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQNGEREADFVNMVLWGKLAESLASASYATKGSLISV	80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKQNGEREADFVNMVLWGRLAETLASASYATKGSLISV	80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQNGEREADFVNMVLWGRLAETLASASYATKGSLISV	80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQNGEREADFVNMVLWGRLAETLASASYATKGSLISV	80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQNGEREADFVNMVLWGRLAETLASASYATKGSLISV	80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKQNGEREADFVNMVLWGRLAETLASASYATKGSLISV	80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKSQDGEKQADFVNMVLWGRLAETLASYGSKGSLISV	80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKKVILIGRLTAAPPEMVKTPSNKSVTHITLAVNRRFKTQDGERQADFVNMVFWCKLAESLVSYAGKGSLISV	80
consensus	***!*****!!* **** *! ***** **!!!!** *!*!!!!*****!!*!!*****!!!!*****!!	

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NTDB id 624 LCA RS00040 WP 011373726.1	RYEKNQQNYVTEVLVTSFQLLESRAQRAMRENNAG	153
NTDB id 113 BSU 40900 NP 391970.1	NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNQSQ.....QSGFTSPQQTGNAPAANNTQADP	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYENQQGQRVYVTEVQAESVQFLEPKNGGSGS.....GGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDP	116
NTDB id 44382 MGAS15252 RS00655 WP 003053955.1	NYTDKNEQKHYTEILGLSYDLLESRAATLALRESAVK.....	116
NTDB id 498 SM12261 RS01980 WP 000282464.1	KYD.KDGGVHYVTEVLCQSFQLLESRAQRAMRENNVT.....	116
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE.KNGQMNYVTEVLVTGFFQLLESRAQRAMRENNAG.....	116
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE.KNGQMNYVAEVLVTGFFQLLESRAQRAMRENNAG.....	116
NTDB id 227 SPD RS09110 WP 000282467.1	RFE.KNGQMNYVTEVLVTGFFQLLESRAQRAMRENNAG.....	116
NTDB id 193 SPR RS08685 WP 000282467.1	RFE.KNGQMNYVTEVLVTGFFQLLESRAQRAMRENNAG.....	116
NTDB id 158 SP RS09595 WP 000282442.1	RFE.KNGQMNYVTEVLVTGFFQLLESRAQRAMRENNAG.....	116
NTDB id 409 SMU RS08940 WP 002263454.1	KYE.KDGVTHFVTEVLGHSFQLLESRAQRAMRENNSE.....	116
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE.KDGGTHYVTEILAQSFQLLESRAQRALRENNGA.....	116
consensus	*** ****!*** ****!**********	

logo

NTDB id 624 LCA RS00040 WP 011373726.1	FANNQQAIDISDDDLFP	170
NTDB id 113 BSU 40900 NP 391970.1	FANDGKPIDISDDDLFP	172
NTDB id 597 KW2 RS01935 WP 021036727.1	...TEELLLEADELFP	129
NTDB id 44382 MGAS15252 RS00655 WP 003053955.1	..NDLVDLVLEEDTLFP	131
NTDB id 498 SM12261 RS01980 WP 000282464.1	..QDLADLVLEEEELFP	131
NTDB id 526 SMSK321 RS08825 WP 000282440.1	..QDLADLVLEEEELFP	131
NTDB id 268 KZH43 RS08520 WP 000282467.1	..QDLADLVLEEEELFP	131
NTDB id 227 SPD RS09110 WP 000282467.1	..QDLADLVLEEEELFP	131
NTDB id 193 SPR RS08685 WP 000282467.1	..QDLADLVLEEEELFP	131
NTDB id 158 SP RS09595 WP 000282442.1	..QDLADLVLEEEELFP	131
NTDB id 409 SMU RS08940 WP 002263454.1	..NDLADLVLEEEELFP	131
NTDB id 583 DLJ51 RS09560 WP 002962590.1	..SDITDLVLEEEELFP	131
consensus	*****!!	

☐ non conserved
☒ similar
☒ ≥ 50% conserved