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NTDB id 624 LCA RS00040 WP 011373726.1	MINRVVLVGRLTRDVLRYTSSGAAVCTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR	80
NTDB id 113 BSU 40900 NP 391970.1	MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRFTTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR	80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTMILIGRLTNAPEISKTTNNKSYVRVTLAVNRRFKNEKGEREADFISITLWCKSAETLVSYAKKGSLISVEGETRTR	79
NTDB id 977360 MGAS37848 RS00735 WP 003053955.1	MYNKVIAIGRLVAKPELVKTATDKHVARLSLAVNRRFKNASGEREADFISVVWVGKLAETLVSYASKGSLMSIDGELRTR	80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQDNGEREADFVNMVLWGKLAESLASYATKGSLISVDGELRTR	80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKQDNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR	80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQDNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR	80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQDNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR	80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKQDNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR	80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKQDNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR	80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPEVVKTPKDKSVTRVTLAVNRRFKSQDGEKQADFVNVLWGRLAETIASYGSKGSLISLDGELRTR	80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAPENVKTPSNKSVTHITLAVNRRFKTQDGERQADFVNVLFWGKLAESLVSYAGKGSLVSLDGEIRTR	80
consensus	***!*****!!!!* **** *! ***** **!!!!** *!*!!!!!!*****!!!!!!*****!!!!!!	

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NTDB id 624 LCA RS00040 WP 011373726.1	RYEKNQGQNYVTEVLVTSFQILLESRAQRAMRENNAG	
NTDB id 113 BSU 40900 NP 391970.1	NYENQGGQRVVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNQSQ.....QSGFTSPQQTGNAPAAANTQADP	153
NTDB id 597 KW2 RS01935 WP 021036727.1	NYENQGGQRVFVTEVQAESVQFLEPKNGGSGS....GGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDP	155
NTDB id 977360 MGAS37848 RS00735 WP 003053955.1	NYTDKNEQKHYTEILGLSYDILLESRAATLALRESAVK.....	116
NTDB id 498 SM12261 RS01980 WP 000282464.1	KYD.KDGGVHYVTEVLCQSFQLLESRAQRAMRENNVT.....	116
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAG.....	116
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE.KNGQMNYVAEVLVTGFQLLESRAQRAMRENNAG.....	116
NTDB id 227 SPD RS09110 WP 000282467.1	RFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAG.....	116
NTDB id 193 SPR RS08685 WP 000282467.1	RFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAG.....	116
NTDB id 158 SP RS09595 WP 000282442.1	RFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAG.....	116
NTDB id 409 SMU RS08940 WP 002263454.1	KYE.KDGVTHFVTEVLGHFSQLLESRAQRAMRENNSE.....	116
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE.KDGGQTHYVTEVLAQSFQLLESRAQRAIRENNGA.....	116
consensus	*** **** *! **** ****!!*****	

logo

NTDB id 624 LCA RS00040 WP 011373726.1	FANNGQATIDISDDDLPF	170
NTDB id 113 BSU 40900 NP 391970.1	FANDGKPIDISDDDLPF	172
NTDB id 597 KW2 RS01935 WP 021036727.1	...TEELLLEADELPF	129
NTDB id 977360 MGAS37848 RS00735 WP 003053955.1	..NDLVDLVLEEDTLPF	131
NTDB id 498 SM12261 RS01980 WP 000282464.1	..QDLADLVLEEEELPF	131
NTDB id 526 SMSK321 RS08825 WP 000282440.1	..QDLADLVLEEEELPF	131
NTDB id 268 KZH43 RS08520 WP 000282467.1	..QDLADLVLEEEELPF	131
NTDB id 227 SPD RS09110 WP 000282467.1	..QDLADLVLEEEELPF	131
NTDB id 193 SPR RS08685 WP 000282467.1	..QDLADLVLEEEELPF	131
NTDB id 158 SP RS09595 WP 000282442.1	..QDLADLVLEEEELPF	131
NTDB id 409 SMU RS08940 WP 002263454.1	..NDLADLVLEEEELPF	131
NTDB id 583 DLJ51 RS09560 WP 002962590.1	..SDLTDLVLEEEELPF	131
consensus	*****!!!!	

☒ non conserved
☒ similar
☒ ≥ 50% conserved