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NTDB id 624 LCA RS00040 WP 011373726.1	MINKVILIGRLTSTPELHKTNNRKSVAATLAVNRRYKRNQGEREADFVNMVLWGRLAETLASYATKGSLSVDGELRTR	80
NTDB id 182948 LLJM1 RS10030 WP 021165898.1	MINRVVLVGRLTRDVLRYTSSGAAVGTFMAVNRRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR	79
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTMILIGRLTNAPEISKTTNNKSYVRVTLAVNRRFKNEKGEREADFISITLWGKSAETFVSYAKKGSLISVEGEIRTR	79
NTDB id 498 SM12261 RS01980 WP 000282464.1	.MNKTMILIGRLTNAPEISKTTNNKSYVRVTLAVNRRFKNEKGEREADFISITLWGKSAETLVSYAKKGSLISVEGEIRTR	80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVIMIGRLTSTPELHKTNNDKSVAATIAVNRRYKQDNGEREADFVNMVLWGRLAETLASYATKGSLSVDGELRTR	80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLTSTPELHKTNNDKSVAATIAVNRRYKQDNGEREADFVNMVLWGRLAETLASYATKGSLSVDGELRTR	80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVAATIAVNRRYKQDNGEREADFVNMVLWGRLAETLASYATKGSLSVDGELRTR	80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVAATIAVNRRYKQDNGEREADFVNMVLWGRLAETLASYATKGSLSVDGELRTR	80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVAATIAVNRRYKQDNGEREADFVNMVLWGRLAETLASYATKGSLSVDGELRTR	80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDGERQADFVNVMVFWGKLAESLVSYAGKGSLVSLDGEIRTR	80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKSQDGEKQADFVNVMVLWGRLAETIASYGSKGSLISLDGELRTR	80
consensus	***!*****!!!!*****!!*****!!!!*****!*****!*****!*****!*****!*****!*****!!	

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NTDB id 624 LCA RS00040 WP 011373726.1	RFEKNGQMNYVTEVLVTGFLLESRAQRAMRENNAGQDL	160
NTDB id 182948 LLJM1 RS10030 WP 021165898.1	NYENQCCQQRVYVTEVVVDNFSLLESRTTTEQRQDGCASQNFNSNQSNQSQQSGFTSPQQTGNAPAAANNTQADPFANNGQA	119
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDKNEQKHCITEILGLSYDLLESRATLALRES..AVNF.....EE	119
NTDB id 498 SM12261 RS01980 WP 000282464.1	NYTDKNEQKHYITEILGLSYDLLESRATLALRES..AVKT.....EE	121
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE.KNGQMNYVTEVLVTGFLLESRAQRAMRENNAGQDL.....AD	121
NTDB id 158 SP RS09595 WP 000282442.1	RFE.KNGQMNYVAEVLVTGFLLESRAQRAMRENNAGQDL.....AD	121
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE.KNGQMNYVTEVLVTGFLLESRAQRAMRENNAGQDL.....AD	121
NTDB id 227 SPD RS09110 WP 000282467.1	RFE.KNGQMNYVTEVLVTGFLLESRAQRAMRENNAGQDL.....AD	121
NTDB id 193 SPR RS08685 WP 000282467.1	RFE.KNGQMNYVTEVLVTGFLLESRAQRAMRENNAGQDL.....AD	121
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE.KDGQTHYVTEILAQSFQLLESRAQRALRENNGASDL.....TD	121
NTDB id 409 SMU RS08940 WP 002263454.1	KYE.KDGVTHFVTEVLGHSFQLLESRAQRAMRENNSENDL.....AD	121
consensus	*** *****!!!!*****!!!!*****!********** **	

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NTDB id 624 LCA RS00040 WP 011373726.1	LVLEEEELPF	170
NTDB id 182948 LLJM1 RS10030 WP 021165898.1	IDISDDDLPF	129
NTDB id 597 KW2 RS01935 WP 021036727.1	LVLEEEELPF	129
NTDB id 498 SM12261 RS01980 WP 000282464.1	LVLEEEELPF	131
NTDB id 526 SMSK321 RS08825 WP 000282440.1	LVLEEEELPF	131
NTDB id 158 SP RS09595 WP 000282442.1	LVLEEEELPF	131
NTDB id 268 KZH43 RS08520 WP 000282467.1	LVLEEEELPF	131
NTDB id 227 SPD RS09110 WP 000282467.1	LVLEEEELPF	131
NTDB id 193 SPR RS08685 WP 000282467.1	LVLEEEELPF	131
NTDB id 583 DLJ51 RS09560 WP 002962590.1	LVLEEEELPF	131
NTDB id 409 SMU RS08940 WP 002263454.1	LVLEEEELPF	131
consensus	*****!!!!	

☒ non conserved
☒ similar
☒ ≥ 50% conserved