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NTDB id 624 LCA RS00040 WP 011373726.1	MINKVILIGRLTSTPELHKTNDKSVARATLAVNRRYKQNGEREADFVNWLVGRLAETLASYAKGSLISVDGELRTR	80
NTDB id 113 BSU 40900 NP 391970.1	MINRVVLVGRLTRDVLRYTSSGAAVGTFMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR	80
NTDB id 183355 LLUL8 RS02185 WP 010905314.1	MLNRVVLVGRLLKDPPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR	80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTMILIGRLTSAPEISKTTNDKSYVRVTLAVNRRFKNEKGEREADFISITIIWGKSAETLVSYAKKGSLISIEGEIRTR	79
NTDB id 498 SM12261 RS01980 WP 000282464.1	.MNKTMILIGRLTNAPEISKTTNKSYVRVTLAVNRRFKNEKGEREADFISITIIWGKSAETLVSYAKKGSLISVEGEIRTR	79
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVIMIGRLTSTPELHKTNDKSVARATIAVNRRYKQNGEREADFVNMVLWGKLAESLASYATKGSLISVDGELRTR	80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLTSTPELHKTNDKSVARATIAVNRRYKQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR	80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNDKSVARATIAVNRRYKQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR	80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNDKSVARATIAVNRRYKQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR	80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNDKSVARATIAVNRRYKQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR	80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAPEMVKTTPSNKSVTHITLAVNRRFKTQDGERQADFVNVMVFWGKLAESLVSYAGKGSLVSLDGEIRTR	80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKSQDGEKQADFVNVMVLWGRLAETIASYGSKGSLISLDGELRTR	80
consensus	***!*****!!***** *! ***** **!!!!** *!!*****!!*****!*****!*****!*****!!*****!*****!!	

logo

NTDB id 624 LCA RS00040 WP 011373726.1	RYE.KNGQMNYVTEVLVTSFQLLESRAQRAMRENNAGQD	153
NTDB id 113 BSU 40900 NP 391970.1	NYENQGGQRVYVTEVVDNFSLLESRTTTEQRQGGDGASQNFNSNQSNQS.....QSGFTSPQQTGNAPAAANTQADP	155
NTDB id 183355 LLUL8 RS02185 WP 010905314.1	NYENQGGQRVYVTEVQAESVQFLEPKNGGSGS.....GGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDP	116
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDKQKQKHVYTEILGLSYDLESRAATIALRESAIK.....	116
NTDB id 498 SM12261 RS01980 WP 000282464.1	NYTDKNEQKHYTEILGLSYDLESRAATIALRESAVK.....	118
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD.....	118
NTDB id 158 SP RS09595 WP 000282442.1	RFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD.....	118
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD.....	118
NTDB id 227 SPD RS09110 WP 000282467.1	RFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD.....	118
NTDB id 193 SPR RS08685 WP 000282467.1	RFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD.....	118
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE.KDGQTHYTEILAQSFQLLESRAQRAMRENNAGSD.....	118
NTDB id 409 SMU RS08940 WP 002263454.1	KYE.KDGVTHFVTEVLGHSFQLLESRAQRAMRENNSEND.....	118
consensus	*** ***** ***!*** *****!**********!*****	

logo

NTDB id 624 LCA RS00040 WP 011373726.1	FANNGQAIDISDDDLPF	170
NTDB id 113 BSU 40900 NP 391970.1	FANDGKPIDISDDDLPF	172
NTDB id 183355 LLUL8 RS02185 WP 010905314.1	TEETLLDAEELPF	129
NTDB id 597 KW2 RS01935 WP 021036727.1	TEELLLEADELPP	129
NTDB id 498 SM12261 RS01980 WP 000282464.1	LADLVLEEEELPF	131
NTDB id 526 SMSK321 RS08825 WP 000282440.1	LADLVLEEEELPF	131
NTDB id 158 SP RS09595 WP 000282442.1	LADLVLEEEELPF	131
NTDB id 268 KZH43 RS08520 WP 000282467.1	LADLVLEEEELPF	131
NTDB id 227 SPD RS09110 WP 000282467.1	LADLVLEEEELPF	131
NTDB id 193 SPR RS08685 WP 000282467.1	LADLVLEEEELPF	131
NTDB id 583 DLJ51 RS09560 WP 002962590.1	LTDLVLEEEELPF	131
NTDB id 409 SMU RS08940 WP 002263454.1	LADLVLEEEELPF	131
consensus	*****! ! !	

☒ non conserved
☒ similar
☒ ≥ 50% conserved