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NTDB id 624 LCA RS00040 WP 011373726.1	MINRVVLVGRLTRDVLRYTSSGA	AVGTF	SMAVNRQFTNANGDREADF	INCVIWRKSAENFANFTK	KGSLV	GVDGRLQTR	80
NTDB id 113 BSU 40900 NP 391970.1	MLNRVVLVGRLT	KDPELRYTPNGAAVATFTLAVNRFTTNQSGEREADF	INCVTWRRAENVANFLK	KGSLAGVDGRLQTR			80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTMLIGRLTNAPEISKTTN	NKSYVRVTLAVNRRFKNEK	GEREADFISITILWGKSAETLVSYAK	KGSLISVEGEIRTR			79
NTDB id 410764 GQ677 RS10060 WP 003053955.1	MYNKVIAIGRLVAKPELVKTATDKHVARL	SLAVNRRFKNASGEREADFISVVVWGKLAETLVSYAS	KGSLMSIDGELRTR				80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGKLAESLASYAT	KGSLISVDGELRTR					80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR					80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR					80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR					80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR					80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR					80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKSQDGEKQADFVNVLWGRLAETIASYGS	KGSLISLDGELRTR					80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDGERQADFVN	VFWGKLAESLVS	YAGKGSLVSLDGEIRTR				80
consensus	***!*****!!* **** *! ***** **!!!!** *!*!!!!!!*****!*****!*****!*****!*****!*****!*****!						

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NTDB id 624 LCA RS00040 WP 011373726.1	NYENQ	QGGQ	RVYVTEV	VVDNF	SLL	ESRTT	TEQR	CGD	GSQ	NFNS	NQSN	GSQ		QSGFT	SPQQT	TGN	APAA	NNT	QADP	153
NTDB id 113 BSU 40900 NP 391970.1	NYENQ	QGGQ	RVFVTEV	QAESV	QFLEP	KNGG	SGS	....	GGYNEG	NSGGG	QYF	GGGQ	NDN	PF	GGN	QNN	QRRN	Q	NSFNDDP	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDK	KNEQ	KHYITE	ILGLS	YDL	LLES	RATL	ALRES	AVK	.....										116
NTDB id 410764 GQ677 RS10060 WP 003053955.1	KYD	KD	QVHYVTEV	LCQS	FQLLES	RAQR	AMRENN	VT	.....											116
NTDB id 498 SM12261 RS01980 WP 000282464.1	RFE	KNGQ	MNYVTEV	LV	TG	FQLLES	RAQR	AMRENN	AG	.....										116
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE	KNGQ	MNYVAEVL	VTG	FQLLES	RAQR	AMRENN	AG	.....											116
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE	KNGQ	MNYVTEV	LV	TG	FQLLES	RAQR	AMRENN	AG	.....										116
NTDB id 227 SPD RS09110 WP 000282467.1	RFE	KNGQ	MNYVTEV	LV	TG	FQLLES	RAQR	AMRENN	AG	.....										116
NTDB id 193 SPR RS08685 WP 000282467.1	RFE	KNGQ	MNYVTEV	LV	TG	FQLLES	RAQR	AMRENN	AG	.....										116
NTDB id 158 SP RS09595 WP 000282442.1	RFE	KNGQ	MNYVTEV	LV	TG	FQLLES	RAQR	AMRENN	AG	.....										116
NTDB id 409 SMU RS08940 WP 002263454.1	KYE	KD	GVTHFVTEV	LGHS	FQLLES	RAQR	AMRENN	SE	.....											116
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE	KD	GQTHYVTE	ILAQS	FQLLES	RAQR	ALRENN	GA												116
consensus	***	*****	***!	***	*****!	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

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NTDB id 624 LCA RS00040 WP 011373726.1	FANNGQAIDIS	DDDLPF	170
NTDB id 113 BSU 40900 NP 391970.1	FANDGKPIDIS	DDDLPF	172
NTDB id 597 KW2 RS01935 WP 021036727.1	...TEELLLE	ADLDPF	129
NTDB id 410764 GQ677 RS10060 WP 003053955.1	..NDLV	DLVLEEDTLPF	131
NTDB id 498 SM12261 RS01980 WP 000282464.1	..QDLAD	LVLEEEELPF	131
NTDB id 526 SMSK321 RS08825 WP 000282440.1	..QDLAD	LVLEEEELPF	131
NTDB id 268 KZH43 RS08520 WP 000282467.1	..QDLAD	LVLEEEELPF	131
NTDB id 227 SPD RS09110 WP 000282467.1	..QDLAD	LVLEEEELPF	131
NTDB id 193 SPR RS08685 WP 000282467.1	..QDLAD	LVLEEEELPF	131
NTDB id 158 SP RS09595 WP 000282442.1	..QDLAD	LVLEEEELPF	131
NTDB id 409 SMU RS08940 WP 002263454.1	..NDLAD	LVLEEEELPF	131
NTDB id 583 DLJ51 RS09560 WP 002962590.1	..SDLT	DLVLEEEELPF	131
consensus	*****!!!!		

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