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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	KDPELRYTPNGAAVATFTLAVNRFTTNQSGEREADFI	INCVTWRRAENVANFLK	KGSLAGVDGRLQTR			80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTMLIGRLTNAPEISKTTN	NKSYVRVTLAVNRFFKNEK	GEREADFI	STILWGKSAETLVSYAK	KGSLISVEGEIRTR		79
NTDB id 308932 DZN63 RS00740 WP 011284430.1	MYNKVIAIGRLVAKPELVKTATDKHVARL	SLAVNRFFKNASGEREADFI	SIVVWGKLAETLVSYAS	KGSLMSIDGELRTR			80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLTSTPELHKTNNDKSVARAT	IAVNRRYK	QNGEREADFVNMVLWGKLAES	LASYAT	KGSLISVDGELRTR		80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLTSTPELHKTNNDKSVARAT	IAVNRRYK	QNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR			80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARAT	IAVNRRYK	QNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR			80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARAT	IAVNRRYK	QNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR			80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARAT	IAVNRRYK	QNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR			80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLTSTPELHKTNNDKSVARAT	IAVNRRYK	QNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR			80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRFFKS	QDGEKQADFVNVVLWGRLAETIASYGS	KGSLISLDGELRTR				80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRFFKT	QDGERQADFVNVVFWGKLAESLVS	YAGKGSLVSLDGEIRTR				80
consensus	***!*****!!* **** *! ***** **!!!!** *!*!!!!!!*****!*****!!!!!!*****!*****!!						

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NTDB id 624 LCA RS00040 WP 011373726.1	NYENQ	QGGQ	RVYVTEV	VVDNF	SLLES	RTTTEQR	CGD	GSQNFNSNQSN	GSQ		QS	GFTSPQQTGN	APAA	NNTQADP	153	
NTDB id 113 BSU 40900 NP 391970.1	NYENQ	QGGQ	RVYVTEV	QAESV	QFLEP	KNGG	SGS	.....	GGY	NEGNSGGGQY	FGGGQ	NDNPF	GGNQNNQRRN	QGN	SFND	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDK	KNEQ	KHYITE	ILGLS	YDLLES	RATLAL	RESAVK	.....								116
NTDB id 308932 DZN63 RS00740 WP 011284430.1	KYD	.KDGQ	VHYVTEV	LCQS	FQLLES	RAQRAMRENN	VT	.....								116
NTDB id 498 SM12261 RS01980 WP 000282464.1	RFE	.KNGQM	NYVTEV	LV	TG	FQLLES	RAQRAMRENN	AG	.....							116
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE	.KNGQM	NYV	AEV	LV	TG	FQLLES	RAQRAMRENN	AG	.....						116
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE	.KNGQM	NYVTEV	LV	TG	FQLLES	RAQRAMRENN	AG	.....							116
NTDB id 227 SPD RS09110 WP 000282467.1	RFE	.KNGQM	NYVTEV	LV	TG	FQLLES	RAQRAMRENN	AG	.....							116
NTDB id 193 SPR RS08685 WP 000282467.1	RFE	.KNGQM	NYVTEV	LV	TG	FQLLES	RAQRAMRENN	AG	.....							116
NTDB id 158 SP RS09595 WP 000282442.1	RFE	.KNGQM	NYVTEV	LV	TG	FQLLES	RAQRAMRENN	AG	.....							116
NTDB id 409 SMU RS08940 WP 002263454.1	KYE	.KDG	VTHF	VTEV	LGHS	FQLLES	RAQRAMRENN	SE	.....							116
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE	.KDG	QTHYVTE	ILAQS	FQLLES	RAQRALRENN	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	...TEELLLEADELPF		129
NTDB id 308932 DZN63 RS00740 WP 011284430.1	..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