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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	KDPELRYTPNGA	AVATFTLAVNRTFTNQSG	EREADFINCVTWRRAEN	VANFLK	KGSLAGVDGRLQTR	80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTMLIGRLTNAPE	ISKTTNKS	YVRVTLAVNRRFKNEK	GEREADFISITILWGKSAETLV	SYAKK	KGSLISVEGEIRTR	79
NTDB id 220409 B4W66 RS00670 WP 003053955.1	MYNKVIAIGRLVAKPELVKTATDKH	VARLSLAVNRRFKNAS	GEREADFISVVVWGKLAETLV	SYASKGSLMS	IDGELRTR		80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRYKDQNG	EREADFVNMVLWGKLAESL	ASYATKGSLISVD	GELRTR		80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLTSTPELHKTNN	NDKSVARATIAVNRRYKDQNG	EREADFVNMVLWGRLAETL	ASYATKGSLISVD	GELRTR		80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRYKDQNG	EREADFVNMVLWGRLAETL	ASYATKGSLISVD	GELRTR		80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRYKDQNG	EREADFVNMVLWGRLAETL	ASYATKGSLISVD	GELRTR		80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRYKDQNG	EREADFVNMVLWGRLAETL	ASYATKGSLISVD	GELRTR		80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLTSTPELHKTNN	NDKSVARATIAVNRRYKDQNG	EREADFVNMVLWGRLAETL	ASYATKGSLISVD	GELRTR		80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPEMVKTPKDKSV	TRVTLAVNRRFKSQDGEKQADFV	NVVLWGRLAETIASYGS	KGSLISLDGELRTR			80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAP	EMVKTPSNKSVTHITLAVNRRFK	TDGERQADFVNVVFWGKLAESL	VSYAGKGSLVSLDGE	IRTR		80
consensus	**!*!!!!!!* **** *! ***** **!!!!!!** **!*!!!!!!*****!*****!!!!!!*****!*****!!						

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NTDB id 624 LCA RS00040 WP 011373726.1	NYENQ	QGQ	RVYVTEV	VVDNFS	LLESRTTTEQR	CGD	GSQNFNSNQSN	GSQ.....	QS	GFTSPQQTGN	APAA	NNTQADP	153		
NTDB id 113 BSU 40900 NP 391970.1	NYENQ	QGQ	RVYVTEV	QAESVQ	FLEPK	NGG	SGS.....	GGYNEGNSGGG	QYF	GGGQNDN	PF	GGNQNNQRRN	QGN	SFND	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDK	KNEQKH	YITEIL	GLSYD	LLES	RATLAL	RESAVK.....								116
NTDB id 220409 B4W66 RS00670 WP 003053955.1	KYD.	KDGQV	HYVTEV	LCQS	FQLLES	RAQR	AMRENNVT.....								116
NTDB id 498 SM12261 RS01980 WP 000282464.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQR	AMRENNAG.....								116
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE.	KNGQM	NYVAEVL	VTGFQLLES	RAQR	AMRENNAG.....									116
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQR	AMRENNAG.....								116
NTDB id 227 SPD RS09110 WP 000282467.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQR	AMRENNAG.....								116
NTDB id 193 SPR RS08685 WP 000282467.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQR	AMRENNAG.....								116
NTDB id 158 SP RS09595 WP 000282442.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQR	AMRENNAG.....								116
NTDB id 409 SMU RS08940 WP 002263454.1	KYE.	KDGVT	HTFVTEV	L	GH	SFQLLES	RAQR	AMRENNSE.....							116
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE.	KDGQ	THYVTEI	LAQS	FQLLES	RAQR	ALRENNGA.....								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 220409 B4W66 RS00670 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