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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	EREADF	INCVTWRRAENVANFL	KKGSLAGVDGRLQTR	80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTMLIGRLTNAPE	ISKTTNKS	YVRVTLAVNRRFKNEK	GEREADF	ISITILWGKSAETLVSYAK	KGSLISVEGEIRTR	79
NTDB id 308775 DZQ17 RS00740 WP 011284430.1	MYNKVIAIGRLVAKPELVKTATDKHVARL	SLAVNRRFKNAS	GEREADF	ISIVVWGKLAETLVSYAS	KGSLMSID	GELRTR	80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLTSTPELHKTNNDKS	VARATIAVNRRYKDQNG	EREADFVNMVLWGKLAES	LASYATK	KGSLISVD	GELRTR	80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLTSTPELHKTNNDKS	VARATIAVNRRYKDQNG	EREADFVNMVLWGRLAETL	ASYATK	KGSLISVD	GELRTR	80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKS	VARATIAVNRRYKDQNG	EREADFVNMVLWGRLAETL	ASYATK	KGSLISVD	GELRTR	80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKS	VARATIAVNRRYKDQNG	EREADFVNMVLWGRLAETL	ASYATK	KGSLISVD	GELRTR	80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKS	VARATIAVNRRYKDQNG	EREADFVNMVLWGRLAETL	ASYATK	KGSLISVD	GELRTR	80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLTSTPELHKTNNDKS	VARATIAVNRRYKDQNG	EREADFVNMVLWGRLAETL	ASYATK	KGSLISVD	GELRTR	80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKS	QDGEKQADFVN	VVLWGRLAETIASYGS	KGSLISL	DGELRTR		80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAP	EMVKTPSNKSVTHITLAVNRRFKT	QDGERQADFVN	VVFWGKLAESL	VSYAGKGSLVSL	DGETRTR	80
consensus	*!*!!!!!!* **** *! ***** **!!!!!!** **!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!						

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NTDB id 624 LCA RS00040 WP 011373726.1	NYENQ	QGQ	RVYVTEV	VVDN	FSLLES	RTTTEQR	CGD	GSQNFNSNQSN	GSQ.....	QS	GFTSP	QQTGN	APAA	NNTQ	ADP	153			
NTDB id 113 BSU 40900 NP 391970.1	NYENQ	QGQ	RVYVTEV	QAESV	QFLEP	KNGG	SGS.....	GGY	NEGNSGGG	QYF	GGGQ	NDN	PF	GGN	QNNQ	RRNQ	NSFN	DDP	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDK	KNEQ	KHYITE	ILGLS	YDLLES	RATLAL	RES	SAVK.....											116
NTDB id 308775 DZQ17 RS00740 WP 011284430.1	KYD.	KDGQ	VHYVTEV	LCQS	FQLLES	RAQR	AMRENN	VT.....											116
NTDB id 498 SM12261 RS01980 WP 000282464.1	RFE.	KNGQM	NYVTEV	LV	TG	FQLLES	RAQR	AMRENN	AG.....										116
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE.	KNGQM	NYV	AEV	LV	TG	FQLLES	RAQR	AMRENN	AG.....									116
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE.	KNGQM	NYVTEV	LV	TG	FQLLES	RAQR	AMRENN	AG.....										116
NTDB id 227 SPD RS09110 WP 000282467.1	RFE.	KNGQM	NYVTEV	LV	TG	FQLLES	RAQR	AMRENN	AG.....										116
NTDB id 193 SPR RS08685 WP 000282467.1	RFE.	KNGQM	NYVTEV	LV	TG	FQLLES	RAQR	AMRENN	AG.....										116
NTDB id 158 SP RS09595 WP 000282442.1	RFE.	KNGQM	NYVTEV	LV	TG	FQLLES	RAQR	AMRENN	AG.....										116
NTDB id 409 SMU RS08940 WP 002263454.1	KYE.	KDG	VTHF	VTEV	LGHS	FQLLES	RAQR	AMRENN	SE.....										116
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE.	KDG	QTHYVTE	ILA	QS	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 308775 DZQ17 RS00740 WP 011284430.1	..NDLVDLVLEED	TLPF	131
NTDB id 498 SM12261 RS01980 WP 000282464.1	..QDLADLVLEEEEL	LPF	131
NTDB id 526 SMSK321 RS08825 WP 000282440.1	..QDLADLVLEEEEL	LPF	131
NTDB id 268 KZH43 RS08520 WP 000282467.1	..QDLADLVLEEEEL	LPF	131
NTDB id 227 SPD RS09110 WP 000282467.1	..QDLADLVLEEEEL	LPF	131
NTDB id 193 SPR RS08685 WP 000282467.1	..QDLADLVLEEEEL	LPF	131
NTDB id 158 SP RS09595 WP 000282442.1	..QDLADLVLEEEEL	LPF	131
NTDB id 409 SMU RS08940 WP 002263454.1	..NDLADLVLEEEEL	LPF	131
NTDB id 583 DLJ51 RS09560 WP 002962590.1	..SDLTDLVLEEEEL	LPF	131
consensus	*****!!!!		

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