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NTDB id 624 LCA RS00040 WP 011373726.1	MINRVVLVGRLTRDVLRYTSSGA	AVGTF	SMAVNRQFTNANGDREADF	INCVIWRKSAENFANFTK	KGSLV	GVDGR	LQTR	80
NTDB id 113 BSU 40900 NP 391970.1	MLNRVVLVGRLT	KDPELRYTPNGA	AVATFTLAVNRFTTNQSG	EREADFINCVTWRRAEN	VANFLK	KGSLAG	VGDGR	80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTMLIGRLTNAPE	ISKTTNKS	YVRVTLAVNRFFKNEK	GEREADFISITILWGKSA	ETLVSYAK	KGSLIS	VEGE	79
NTDB id 341414 ETT64 RS00845 WP 003053955.1	MYNKVIAIGRLVAKPEL	VKTATDKHVARL	SLAVNRRFKNAS	GEREADFISVVVWGKLA	ETLVSYAS	KGSLMS	IDGEL	80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLT	STPELHKTNNDKS	VARATIAVNRRYKDQNG	EREADFVNMVLWGKLA	ESLASYAT	KGSLIS	VDGEL	80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLT	STPELHKTNNDKS	VARATIAVNRRYKDQNG	EREADFVNMVLWGRLA	ETLASYAT	KGSLIS	VDGEL	80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLT	STPELHKTNNDKS	VARATIAVNRRYKDQNG	EREADFVNMVLWGRLA	ETLASYAT	KGSLIS	VDGEL	80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLT	STPELHKTNNDKS	VARATIAVNRRYKDQNG	EREADFVNMVLWGRLA	ETLASYAT	KGSLIS	VDGEL	80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLT	STPELHKTNNDKS	VARATIAVNRRYKDQNG	EREADFVNMVLWGRLA	ETLASYAT	KGSLIS	VDGEL	80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLT	STPELHKTNNDKS	VARATIAVNRRYKDQNG	EREADFVNMVLWGRLA	ETLASYAT	KGSLIS	VDGEL	80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPE	MVKT	PKDKSVTRVTLAVNRRFK	SQDGEKQADFVNVVLWG	RLAETIASYGS	KGSLIS	LDGEL	80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAP	EMVKT	PSNKS	VTHTLAVNRRFK	TDGERQADFVNVVFWG	KLAESLVS	YAGKGS	80
consensus	***!*****!!* **** *! ***** **!!!!** *!*!!!!!!*****!*****!*****!*****!*****!*****!*****!							

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NTDB id 624 LCA RS00040 WP 011373726.1	NYENQ	QGQ	RVYVTEV	VVDN	FSLLES	RTTTEQ	RQGD	GSQNFNSNQSN	GSQ.....	QSGFTSP	QQTGN	APAA	NNTQ	ADP	153					
NTDB id 113 BSU 40900 NP 391970.1	NYENQ	QGQ	RVYVTEV	QAESV	QFLEP	KNGG	SGS.....	GGYNEG	NSGGG	QYF	GGGQ	NDN	PF	GGN	QNNQ	RRNQ	NS	FN	DDP	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTD	KNE	QKH	YITE	ILGLS	YD	LLES	RATL	AL	RES	SAVK.....									116
NTDB id 341414 ETT64 RS00845 WP 003053955.1	KYD.	KDG	QVHY	VTEV	LCQS	FQLLES	RAQ	RAM	RENN	VT.....										116
NTDB id 498 SM12261 RS01980 WP 000282464.1	RFE.	KNG	QMNY	VTEV	LV	TG	FQLLES	RAQ	RAM	RENN	AG.....									116
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE.	KNG	QMNY	VTEV	LV	TG	FQLLES	RAQ	RAM	RENN	AG.....									116
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE.	KNG	QMNY	VTEV	LV	TG	FQLLES	RAQ	RAM	RENN	AG.....									116
NTDB id 227 SPD RS09110 WP 000282467.1	RFE.	KNG	QMNY	VTEV	LV	TG	FQLLES	RAQ	RAM	RENN	AG.....									116
NTDB id 193 SPR RS08685 WP 000282467.1	RFE.	KNG	QMNY	VTEV	LV	TG	FQLLES	RAQ	RAM	RENN	AG.....									116
NTDB id 158 SP RS09595 WP 000282442.1	RFE.	KNG	QMNY	VTEV	LV	TG	FQLLES	RAQ	RAM	RENN	AG.....									116
NTDB id 409 SMU RS08940 WP 002263454.1	KYE.	KDG	VTHF	VTEV	L	GH	SFQLLES	RAQ	RAM	RENN	SE.....									116
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE.	KDG	QTHY	VTEV	IL	AQS	FQLLES	RAQ	RA	LENN	GA.....									116
consensus	***	*****	***!	***	*****!	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

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NTDB id 624 LCA RS00040 WP 011373726.1	FANNGQAIDIS	DDDL	LPF	170
NTDB id 113 BSU 40900 NP 391970.1	FANDGKPIDIS	DDDL	LPF	172
NTDB id 597 KW2 RS01935 WP 021036727.1	...TEELLLE	AD	ELPF	129
NTDB id 341414 ETT64 RS00845 WP 003053955.1	..NDLVD	LVLEED	TL	131
NTDB id 498 SM12261 RS01980 WP 000282464.1	..QDLAD	LVLEEEEL	PF	131
NTDB id 526 SMSK321 RS08825 WP 000282440.1	..QDLAD	LVLEEEEL	PF	131
NTDB id 268 KZH43 RS08520 WP 000282467.1	..QDLAD	LVLEEEEL	PF	131
NTDB id 227 SPD RS09110 WP 000282467.1	..QDLAD	LVLEEEEL	PF	131
NTDB id 193 SPR RS08685 WP 000282467.1	..QDLAD	LVLEEEEL	PF	131
NTDB id 158 SP RS09595 WP 000282442.1	..QDLAD	LVLEEEEL	PF	131
NTDB id 409 SMU RS08940 WP 002263454.1	..NDLAD	LVLEEEEL	PF	131
NTDB id 583 DLJ51 RS09560 WP 002962590.1	..SDLT	DLVLEEEEL	PF	131
consensus	*****!!!!			

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