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NTDB id 624 LCA RS00040 WP 011373726.1	MINRVVLVGRLLTRDVLRYTSSGA	AVGTF	SMAVNRQFTNANGDREADF	INCVIWRKSAENFANFTK	KGSLV	GVDGRLQTR	80
NTDB id 113 BSU 40900 NP 391970.1	MLNRVVLVGRLLTKDP	PELRYTPNGA	AVATFTLAVNRFTTNQSG	EREADF	INCVTWRRAENVANFL	KKGSLAGVDGRLQTR	80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTMLIGRLTNAPE	ISKTTNKS	YVRVTLAVNRFFKNEK	GEREADF	ISITILWGKSAETLV	SYAKKGSLISVEGEIRTR	79
NTDB id 308348 DZV37 RS00740 WP 011284430.1	MYNKVIAIGRLVAK	PELVKTATDKH	VARLSLAVNRRFK	NASGEREADF	ISIVVWGKLAETLV	SYASKGSLMSIDGELRTR	80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLTST	PELHKTNNDKS	VARATIAVNRRYK	DQNGEREADFVNM	VLWGKLAESL	ASYATKGSLISVDGELRTR	80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLTST	PELHKTNNDKS	VARATIAVNRRYK	DQNGEREADFVNM	VLWGRLAETL	ASYATKGSLISVDGELRTR	80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLTST	PELHKTNNDKS	VARATIAVNRRYK	DQNGEREADFVNM	VLWGRLAETL	ASYATKGSLISVDGELRTR	80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLTST	PELHKTNNDKS	VARATIAVNRRYK	DQNGEREADFVNM	VLWGRLAETL	ASYATKGSLISVDGELRTR	80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLTST	PELHKTNNDKS	VARATIAVNRRYK	DQNGEREADFVNM	VLWGRLAETL	ASYATKGSLISVDGELRTR	80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLTST	PELHKTNNDKS	VARATIAVNRRYK	DQNGEREADFVNM	VLWGRLAETL	ASYATKGSLISVDGELRTR	80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVAT	PEMVKTPKDKSV	TRVTLAVNRRFK	SQDGEKQADFVNM	VLWGRLAETIASY	GSKGSLISLDGELRTR	80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTA	PEMVKTPS	NKSVTHITLAVNRR	FKTQDGERQADFVNM	VVFWGKLAESL	VSYAGKGSLVSLDGEIRTR	80
consensus	***!*****!!* **** *! ***** **!!!!** *!*!!!!!!*****!*****!*****!!!!!!*****!*****!!						

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NTDB id 624 LCA RS00040 WP 011373726.1	NYENQ	QGGQ	RVYVTEV	VVDNF	SLLES	RTTTEQR	CGD	GSQNFNSNQSN	GSQ.....	QS	GFTSP	QQTGN	APAA	NNTQ	ADP	153			
NTDB id 113 BSU 40900 NP 391970.1	NYENQ	QGGQ	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	RATL	ALRES	SAVK.....											116
NTDB id 308348 DZV37 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	TGFQLLES	RAQR	AMRENN	AG.....											116
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE.	KNGQM	NYV	AEVL	VTGFQLLES	RAQR	AMRENN	AG.....											116
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQR	AMRENN	AG.....											116
NTDB id 227 SPD RS09110 WP 000282467.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQR	AMRENN	AG.....											116
NTDB id 193 SPR RS08685 WP 000282467.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQR	AMRENN	AG.....											116
NTDB id 158 SP RS09595 WP 000282442.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQR	AMRENN	AG.....											116
NTDB id 409 SMU RS08940 WP 002263454.1	KYE.	KDGVT	H	FVTEV	L	GH	S	FQLLES	RAQR	AMRENN	SE.....								116
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE.	KDGQ	THYVTE	ILA	Q	S	FQLLES	RAQR	ALRENN	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	ADELP		129
NTDB id 308348 DZV37 RS00740 WP 011284430.1	..NDLVDLV	LEEDTLP		131
NTDB id 498 SM12261 RS01980 WP 000282464.1	..QDLADLV	LEEEEL	LPF	131
NTDB id 526 SMSK321 RS08825 WP 000282440.1	..QDLADLV	LEEEEL	LPF	131
NTDB id 268 KZH43 RS08520 WP 000282467.1	..QDLADLV	LEEEEL	LPF	131
NTDB id 227 SPD RS09110 WP 000282467.1	..QDLADLV	LEEEEL	LPF	131
NTDB id 193 SPR RS08685 WP 000282467.1	..QDLADLV	LEEEEL	LPF	131
NTDB id 158 SP RS09595 WP 000282442.1	..QDLADLV	LEEEEL	LPF	131
NTDB id 409 SMU RS08940 WP 002263454.1	..NDLADLV	LEEEEL	LPF	131
NTDB id 583 DLJ51 RS09560 WP 002962590.1	..SDLTDLV	LEEEEL	LPF	131
consensus	*****!!!!			

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