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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	MLNRVVLVGRLTKDPELRYTPNGA	AVATFTLAVNRFTTNQSG	EREADF	INCVTWRRAENVANFLK	KGSLAGVDGR	LQTR		80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTMLIGRLTNAPEISKTTNKS	YVRVTLAVNRFFKNEK	GERADF	ISLILWGKSAETLVSYAKK	KGSLISVEGE	IRTR		79
NTDB id 342498 ETT44 RS00740 WP 136022018.1	MYNKVIAIGRLVAKPELVKTATDKH	VARLSLAVNRRFKNAS	GEREADF	ISFVWGKLAETLVSYASK	KGSLMSID	GELRTR		80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRY	KDQNGEREADFVNM	VLWGKLAESLASYAT	KGSLISVD	GELRTR		80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLTSTPELHKTNN	NDKSVARATIAVNRRY	KDQNGEREADFVNM	VLWGRLAETLASYAT	KGSLISVD	GELRTR		80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRY	KDQNGEREADFVNM	VLWGRLAETLASYAT	KGSLISVD	GELRTR		80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRY	KDQNGEREADFVNM	VLWGRLAETLASYAT	KGSLISVD	GELRTR		80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRY	KDQNGEREADFVNM	VLWGRLAETLASYAT	KGSLISVD	GELRTR		80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLTSTPELHKTNN	NDKSVARATIAVNRRY	KDQNGEREADFVNM	VLWGRLAETLASYAT	KGSLISVD	GELRTR		80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPEMVKTPK	DKSVTRVTLAVNRRFK	SQDGEKQADFVNM	VLWGRLAETIASYGS	KGSLISLD	GELRTR		80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAPEMVKTPS	NKSVTHITLAVNRRFKT	QDGERQADFVNM	VVFWGKLAESLVSYAG	KGSLVSLDGE	IRTR		80
consensus	*****!							

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NTDB id 624 LCA RS00040 WP 011373726.1	NYENQ	QGGQ	RVYVTEV	VVDN	FSLLES	RTTTEQ	RQGD	GSQNFNSNQ	SGSQ		QS	GFTSP	QQTGN	APAANNT	QADP	153	
NTDB id 113 BSU 40900 NP 391970.1	NYENQ	QGGQ	RVYVTEV	QAESV	QFLEP	KNGG	SGS		GGYNEG	NSGGG	QYF	GGGQ	NDNPF	GGNQNN	QRRNQ	NSFNDDP	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDK	KNEQ	KHYITE	ILGLS	YDLLES	RATLAL	RESAVK	.....	.....	.....	.....	.....	.....	.....	.....	116	
NTDB id 342498 ETT44 RS00740 WP 136022018.1	KYD	.KDGQ	VHYVTEV	LCQS	FQLLES	RAQRAM	RENNVT	.....	.....	.....	.....	.....	.....	.....	.....	116	
NTDB id 498 SM12261 RS01980 WP 000282464.1	RFE	.KNGQM	NYVTEV	LV	TG	FQLLES	RAQRAM	RENNAG	.....	.....	.....	.....	.....	.....	.....	116	
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE	.KNGQM	NYVAE	VL	TG	FQLLES	RAQRAM	RENNAG	.....	.....	.....	.....	.....	.....	.....	116	
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE	.KNGQM	NYVTEV	LV	TG	FQLLES	RAQRAM	RENNAG	.....	.....	.....	.....	.....	.....	.....	116	
NTDB id 227 SPD RS09110 WP 000282467.1	RFE	.KNGQM	NYVTEV	LV	TG	FQLLES	RAQRAM	RENNAG	.....	.....	.....	.....	.....	.....	.....	116	
NTDB id 193 SPR RS08685 WP 000282467.1	RFE	.KNGQM	NYVTEV	LV	TG	FQLLES	RAQRAM	RENNAG	.....	.....	.....	.....	.....	.....	.....	116	
NTDB id 158 SP RS09595 WP 000282442.1	RFE	.KNGQM	NYVTEV	LV	TG	FQLLES	RAQRAM	RENNAG	.....	.....	.....	.....	.....	.....	.....	116	
NTDB id 409 SMU RS08940 WP 002263454.1	KYE	.KDGVT	HVTEV	L	GH	SFQLLES	RAQRAM	RENNSE	.....	.....	.....	.....	.....	.....	.....	116	
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE	.KDGQ	THVTEV	IL	AQS	FQLLES	RAQRAL	RENNGA								116	
consensus	***	*****	***!	***	*****!	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	116	

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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 342498 ETT44 RS00740 WP 136022018.1	..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