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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	MLNRVVLVGRLLTKDPELRYTPNGA	AVATFTLAVNRTFTNQSG	EREADF	INCVTWRRAQENVANFL	KKGSLAGVDGRLQTR		80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTMLIGRLTNAPEISKTTN	NKSYVRVTLAVNRRFKNE	KGEREADF	ISITILWGKSAETLVSYAK	KGSLISVEGEIRTR		79
NTDB id 309037 DZN22 RS00740 WP 011284430.1	MYNKVIAIGRLVAKPELVKTATDKH	VARLSLAVNRRFKNAS	GEREADF	ISIVVWGKLAETLVSYAK	SGSLMSIDGELRTR		80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRY	KDQNGEREADFVNM	VLWGKLAESLASYAT	KGSLISVDGELRTR		80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLTSTPELHKTNN	NDKSVARATIAVNRRY	KDQNGEREADFVNM	VLWGRLAETLASYAT	KGSLISVDGELRTR		80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRY	KDQNGEREADFVNM	VLWGRLAETLASYAT	KGSLISVDGELRTR		80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRY	KDQNGEREADFVNM	VLWGRLAETLASYAT	KGSLISVDGELRTR		80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRY	KDQNGEREADFVNM	VLWGRLAETLASYAT	KGSLISVDGELRTR		80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLTSTPELHKTNN	NDKSVARATIAVNRRY	KDQNGEREADFVNM	VLWGRLAETLASYAT	KGSLISVDGELRTR		80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPEMVKTPK	DKSVTRVTLAVNRRFKS	QDGEKQADFVNV	VLWGRLAETIASY	GSKGSLISLDGELRTR		80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAPEMVKTPS	NKSVTHITLAVNRRFKT	QDGERQADFVNV	VVFWGKLAESLVS	YAGKGSLVSLDGEIRTR		80
consensus	*****!!* **** *! ***** **!!!!** *!*!!!!!!*!*****!*****!!!!!!*****!*****!!						

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NTDB id 624 LCA RS00040 WP 011373726.1	NYENQ	QGGQ	RVYVTEV	VVDN	FSLLES	RTTTEQR	CGD	GSQNFNSNQSN	GSQ.....	QS	GFTSPQQTGN	APAA	NNTQADP	153	
NTDB id 113 BSU 40900 NP 391970.1	NYENQ	QGGQ	RVYVTEV	QAESV	QFLEP	KNGG	SGS.....	GGYNEG	NSGGGQYF	GGGQNDN	PF	GGNQNNQRR	NQNS	FNDDP	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDK	KNEQ	KHYITE	ILGLS	YDLLES	RATLAL	RESAVK								116
NTDB id 309037 DZN22 RS00740 WP 011284430.1	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	NYV	AEVL	VTG	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	H	FVTEV	L	GH	SFQLLES	RAQRAM	RENNSE						116
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE	.KDGQ	THYVTE	IL	AQS	FQLLES	RAQRAL	RENNGA							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 309037 DZN22 RS00740 WP 011284430.1	..NDLVDLVLEED	TLDPF	131
NTDB id 498 SM12261 RS01980 WP 000282464.1	..QDLADLVLEEEEL	DPF	131
NTDB id 526 SMSK321 RS08825 WP 000282440.1	..QDLADLVLEEEEL	DPF	131
NTDB id 268 KZH43 RS08520 WP 000282467.1	..QDLADLVLEEEEL	DPF	131
NTDB id 227 SPD RS09110 WP 000282467.1	..QDLADLVLEEEEL	DPF	131
NTDB id 193 SPR RS08685 WP 000282467.1	..QDLADLVLEEEEL	DPF	131
NTDB id 158 SP RS09595 WP 000282442.1	..QDLADLVLEEEEL	DPF	131
NTDB id 409 SMU RS08940 WP 002263454.1	..NDLADLVLEEEEL	DPF	131
NTDB id 583 DLJ51 RS09560 WP 002962590.1	..SDLTDLVLEEEEL	DPF	131
consensus	*****!!!!		

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