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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	KDPELRYTPNGAAVATFTLAVNRFTTNQSGEREADFI	INCVTWRRAENVANFLK	KGSLAGVDGRLQTR			80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTMLIGRLTNAPEISKTTN	NKSYVRVTLAVNRRFKNEK	GEREADFI	STILWGKSAETLVSYAK	KGSLISVEGEIRTR		79
NTDB id 368615 FIU13 RS06205 WP 003053955.1	MYNKVIAIGRLVAKPELVKTATDKHVARL	SLAVNRRFKNAS	GEREADFI	SVVWVGKLAETLVSYAS	KGSLMSIDGELRTR		80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRYKDQNGEREADFVN	MVLWGKLAESL	ASYATK	KGSLISVDGELRTR		80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLTSTPELHKTNN	NDKSVARATIAVNRRYKDQNGEREADFVN	MVLWGRLAETL	ASYATK	KGSLISVDGELRTR		80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRYKDQNGEREADFVN	MVLWGRLAETL	ASYATK	KGSLISVDGELRTR		80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRYKDQNGEREADFVN	MVLWGRLAETL	ASYATK	KGSLISVDGELRTR		80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRYKDQNGEREADFVN	MVLWGRLAETL	ASYATK	KGSLISVDGELRTR		80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLTSTPELHKTNN	NDKSVARATIAVNRRYKDQNGEREADFVN	MVLWGRLAETL	ASYATK	KGSLISVDGELRTR		80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKS	QDGEKQADFVN	VVLWGRLAETIASYGS	KGSLISLDGELRTR			80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAPEMVKT	PSNKSVT	HTLAVNRRFKTQDGERQADFVN	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	APAANNT	QADP	153
NTDB id 113 BSU 40900 NP 391970.1	NYENQ	QGGQ	RVYVTEV	QAESV	QFLEP	KNGG	SGS.....	GGYNEG	NSGGGQY	FGGGQ	NDNPF	GGNQNN	QRRNQ	NSFNDDP	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDK	KNEQ	KHYITE	ILGLS	YDLLES	RATLAL	RESAVK.....								116
NTDB id 368615 FIU13 RS06205 WP 003053955.1	KYD.	KDGQ	VHYVTEV	LCQS	FQLLES	RAQRAM	RENNVT.....								116
NTDB id 498 SM12261 RS01980 WP 000282464.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQRAM	RENNAG.....								116
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE.	KNGQM	NYV	AEVL	VTGFQLLES	RAQRAM	RENNAG.....								116
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQRAM	RENNAG.....								116
NTDB id 227 SPD RS09110 WP 000282467.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQRAM	RENNAG.....								116
NTDB id 193 SPR RS08685 WP 000282467.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQRAM	RENNAG.....								116
NTDB id 158 SP RS09595 WP 000282442.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQRAM	RENNAG.....								116
NTDB id 409 SMU RS08940 WP 002263454.1	KYE.	KDGVT	HFVTEV	LGHS	FQLLES	RAQRAM	RENNSE.....								116
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE.	KDGQ	THYVTE	ILAQS	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 368615 FIU13 RS06205 WP 003053955.1	..NDLVDLVLEED	TLDPF	131
NTDB id 498 SM12261 RS01980 WP 000282464.1	..QDLADLVLEEEEL	PF	131
NTDB id 526 SMSK321 RS08825 WP 000282440.1	..QDLADLVLEEEEL	PF	131
NTDB id 268 KZH43 RS08520 WP 000282467.1	..QDLADLVLEEEEL	PF	131
NTDB id 227 SPD RS09110 WP 000282467.1	..QDLADLVLEEEEL	PF	131
NTDB id 193 SPR RS08685 WP 000282467.1	..QDLADLVLEEEEL	PF	131
NTDB id 158 SP RS09595 WP 000282442.1	..QDLADLVLEEEEL	PF	131
NTDB id 409 SMU RS08940 WP 002263454.1	..NDLADLVLEEEEL	PF	131
NTDB id 583 DLJ51 RS09560 WP 002962590.1	..SDLTDLVLEEEEL	PF	131
consensus	*****!!!!		

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