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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	KDPELRYTPNGAAVATFTLAVNRFTTNQSGEREADFI	INCVTWRRAENVANFLK	KGSLAGVDGR	LQTR			80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTMLIGRLTNAPEISKTTN	NKSYVRVTLAVNRRFKNEK	GEREADFI	STILWGKSAETLVSYAK	KGSLISVEGE	IRTR		79
NTDB id 342386 ETT46 RS00740 WP 136265158.1	MYNKVIAIGRLVAKPELVKTATDKHVARF	SLAVNRRFKNASGEREADFI	SIVVWGKLAETLVSYAS	KGSLMS	IDGELRTR			80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLTSTPELHKTNNDKSVARAT	IAVNRRYK	QNGEREADFVNMVLWGKLAES	LASYAT	KGSLISVDGELRTR			80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLTSTPELHKTNNDKSVARAT	IAVNRRYK	QNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR				80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARAT	IAVNRRYK	QNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR				80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARAT	IAVNRRYK	QNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR				80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARAT	IAVNRRYK	QNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR				80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLTSTPELHKTNNDKSVARAT	IAVNRRYK	QNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR				80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKS	QDGEKQADFVNVVLWGRLAETIASYGS	KGSLISLDGELRTR					80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAP	EMVKTPSNKSVTHITLAVNRRFKT	QDGERQADFVNVVFWGKLAESLVS	YAGKGSLVSLDGE	IRTR			80
consensus	***!*****!!* **** *! ***** **!!!!** *!*!!!!!!*!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!							

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NTDB id 624 LCA RS00040 WP 011373726.1	NYENQ	QGGQ	RVYVTEV	VVDN	FSLLES	RTTTEQR	CGDGASQNFNSNQSN	GSQ.....	QS	GFTSPQQTGNAPAANNTQADP	153
NTDB id 113 BSU 40900 NP 391970.1	NYENQ	QGGQ	RVYVTEV	QAESVQFLEP	KNGG	SGS.....	GGYNEGNSGGGQYF	GGGQNDNPF	GGNQNNQRRNQ	NSFNDDP	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDK	KNEQ	KHYITE	ILGLS	YDLLES	RATLALRES	SAVK.....				116
NTDB id 342386 ETT46 RS00740 WP 136265158.1	KYD.	KDGQ	VHYVTEV	LCQS	FQLLES	RAQRAMRENNVT					116
NTDB id 498 SM12261 RS01980 WP 000282464.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQRAMRENNAG					116
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE.	KNGQM	NYV	AEVL	VTGFQLLES	RAQRAMRENNAG					116
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQRAMRENNAG					116
NTDB id 227 SPD RS09110 WP 000282467.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQRAMRENNAG					116
NTDB id 193 SPR RS08685 WP 000282467.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQRAMRENNAG					116
NTDB id 158 SP RS09595 WP 000282442.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQRAMRENNAG					116
NTDB id 409 SMU RS08940 WP 002263454.1	KYE.	KDGVT	HFVTEV	L	GH	SFQLLES	RAQRAMRENNSE				116
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE.	KDGQ	THYVTE	ILA	QSFQLLES	RAQRALRENNGA					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	...TEELLLEADELPF		129
NTDB id 342386 ETT46 RS00740 WP 136265158.1	..NDLVDLVLEEDTLPF		131
NTDB id 498 SM12261 RS01980 WP 000282464.1	..QDLADLVLEEEELPF		131
NTDB id 526 SMSK321 RS08825 WP 000282440.1	..QDLADLVLEEEELPF		131
NTDB id 268 KZH43 RS08520 WP 000282467.1	..QDLADLVLEEEELPF		131
NTDB id 227 SPD RS09110 WP 000282467.1	..QDLADLVLEEEELPF		131
NTDB id 193 SPR RS08685 WP 000282467.1	..QDLADLVLEEEELPF		131
NTDB id 158 SP RS09595 WP 000282442.1	..QDLADLVLEEEELPF		131
NTDB id 409 SMU RS08940 WP 002263454.1	..NDLADLVLEEEELPF		131
NTDB id 583 DLJ51 RS09560 WP 002962590.1	..SDLTDLVLEEEELPF		131
consensus	*****!!!!		

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