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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	KDPELRYTPNGAAVATFTLAVNRFTTNQSGEREADF	INCVTWRRAENVANFLK	KGSLAGVDGRLQTR			80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTMLIGRLTNAPEISKTTN	NKSYVRVTLAVNRFFKNEK	GEREADFISITILWGKSAETLV	SYAKKGSLISVEGEIRTR			79
NTDB id 308614 DZR90 RS00740 WP 011284430.1	MYNKVIAIGRLVAKPELVKTATDKHVARL	SLAVNRFFKNASGEREADF	SIVVWGKLAETLV	SYASKGSLMSIDGELRTR			80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLTSTPELHKTNNDKSVARAT	IAVNRRYKDNQGEREADFVNMVLWGKLAES	LASYATKGSLISVDGELRTR				80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLTSTPELHKTNNDKSVARAT	IAVNRRYKDNQGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR				80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARAT	IAVNRRYKDNQGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR				80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARAT	IAVNRRYKDNQGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR				80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARAT	IAVNRRYKDNQGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR				80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLTSTPELHKTNNDKSVARAT	IAVNRRYKDNQGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR				80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRFFKS	QDGEKQADFVNVVLWGRLAETIASYGS	KGSLISLDGELRTR				80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAPEMVKTTPSNKSVTHITLAVNRFFKT	QDGERQADFVNVVFWGKLAESLVS	YAGKGSLVSLDGEIRTR				80
consensus	***!*****!!* **** *! ***** **!!!!** *!*!!!!!!*****!*****!*****!*****!*****!*****!*****!						

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NTDB id 624 LCA RS00040 WP 011373726.1	NYENQ	QGGQ	RVYVTEV	VVDNFSLLES	RTTTEQR	CGDGASQNFNSNQSNQS	Q.....QS	GFTSPQQTGNAPAANNTQADP	153
NTDB id 113 BSU 40900 NP 391970.1	NYENQ	QGGQ	RVFVTEVQAESVQFLEP	KNGG	SGS.....GGY	NEGNSGGGQYF	GGGQNDNPF	GGNQNNQRRNQNSFNDDP	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDK	KNEQKH	YITEILGLSYD	LLES	RATLALRES	SAVK.....			116
NTDB id 308614 DZR90 RS00740 WP 011284430.1	KYD.	KDGQVHYVTEVLCQS	FQLLES	RAQRAMRENNVT					116
NTDB id 498 SM12261 RS01980 WP 000282464.1	RFE.	KNGQMNYVTEVLVTG	FQLLES	RAQRAMRENNAG					116
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE.	KNGQMNYVAEVLVTG	FQLLES	RAQRAMRENNAG					116
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE.	KNGQMNYVTEVLVTG	FQLLES	RAQRAMRENNAG					116
NTDB id 227 SPD RS09110 WP 000282467.1	RFE.	KNGQMNYVTEVLVTG	FQLLES	RAQRAMRENNAG					116
NTDB id 193 SPR RS08685 WP 000282467.1	RFE.	KNGQMNYVTEVLVTG	FQLLES	RAQRAMRENNAG					116
NTDB id 158 SP RS09595 WP 000282442.1	RFE.	KNGQMNYVTEVLVTG	FQLLES	RAQRAMRENNAG					116
NTDB id 409 SMU RS08940 WP 002263454.1	KYE.	KDGVTHTFVTEVLGHS	FQLLES	RAQRAMRENNSE					116
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE.	KDGQTHYVTEILAQSFQLLES	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	...TEELLLE	ADLDPF	129
NTDB id 308614 DZR90 RS00740 WP 011284430.1	..NDLVDLVLEED	TLPF	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