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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	KDPELRYTPNGAAVATFTLAVNRFTTNQSGEREAD	FINCVTWRRAENVANFLK	KGSLAGVDGRLQTR			80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTM	LIGRLTNAPEISKTTNNKSYVRVTLAVNRRFKNEKGEREAD	FISITLWGKSAETLVSYAKK	KGSLISVEGEIRTR			79
NTDB id 307976 DZ187 RS00740 WP 011284430.1	MYNKVIAIGRLVAKPELVKTATDKHVARL	SLAVNRRFKNASGEREAD	FISIVVWGKLAETLVSYAS	KGSLMSIDGELRTR			80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLT	STPELHKTNNDKSVARATIAVNRRYKDQNGEREAD	FVNMVLWGKLAESLASYAT	KGSLISVDGELRTR			80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLT	STPELHKTNNDKSVARATIAVNRRYKDQNGEREAD	FVNMVLWGRLAETLASYAT	KGSLISVDGELRTR			80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLT	STPELHKTNNDKSVARATIAVNRRYKDQNGEREAD	FVNMVLWGRLAETLASYAT	KGSLISVDGELRTR			80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLT	STPELHKTNNDKSVARATIAVNRRYKDQNGEREAD	FVNMVLWGRLAETLASYAT	KGSLISVDGELRTR			80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLT	STPELHKTNNDKSVARATIAVNRRYKDQNGEREAD	FVNMVLWGRLAETLASYAT	KGSLISVDGELRTR			80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLT	STPELHKTNNDKSVARATIAVNRRYKDQNGEREAD	FVNMVLWGRLAETLASYAT	KGSLISVDGELRTR			80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPE	MMVKTPKDKSVTRVTLAVNRRFKSQDGEKQAD	FVNMVLWGRLAETIASYGS	KGSLISLDGELRTR			80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAP	EMVKTPSNKSVTHITLAVNRRFKTQDGERQAD	FVNVVFWGKLAESLVS	YAGKGSLVSLDGEIRTR			80
consensus	**!*!!!!!!* **** *! ***** **!!!!!!** **!*!!!!!!*****!*****!!!!!!*****!*****!!						

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NTDB id 624 LCA RS00040 WP 011373726.1	NYENQ	QGQ	RVYVTEVVVDN	FSLLESRTTTEQR	CGDGASQNFNSNQSN	GSQ.....QS	GFTSPQQTGNAPAANNTQADP	153
NTDB id 113 BSU 40900 NP 391970.1	NYENQ	QGQ	RVYVTEVQAESVQFLEP	KNGGSGS.....GGY	NEGNSGGGQYF	GGGQNDNPF	GGNQNNQRRNQNSFNDDP	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDK	KNEQKH	YITEILGLSYD	LLESRATLALRESAVK				116
NTDB id 307976 DZ187 RS00740 WP 011284430.1	KYD	.KDGQVHYVTEVLCQS	FQLLESRAQRAMRENNVT					116
NTDB id 498 SM12261 RS01980 WP 000282464.1	RFE	.KNGQMNYVTEVLVTG	FQLLESRAQRAMRENNAG					116
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE	.KNGQMNYVAEVLVTG	FQLLESRAQRAMRENNAG					116
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE	.KNGQMNYVTEVLVTG	FQLLESRAQRAMRENNAG					116
NTDB id 227 SPD RS09110 WP 000282467.1	RFE	.KNGQMNYVTEVLVTG	FQLLESRAQRAMRENNAG					116
NTDB id 193 SPR RS08685 WP 000282467.1	RFE	.KNGQMNYVTEVLVTG	FQLLESRAQRAMRENNAG					116
NTDB id 158 SP RS09595 WP 000282442.1	RFE	.KNGQMNYVTEVLVTG	FQLLESRAQRAMRENNAG					116
NTDB id 409 SMU RS08940 WP 002263454.1	KYE	.KDGVTHFVTEVLGHS	FQLLESRAQRAMRENNSE					116
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE	.KDGQTHYVTEILAQS	FQLLESRAQRALRENNGA					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 307976 DZ187 RS00740 WP 011284430.1	..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