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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 341308 ETT66 RS00765 WP 003053955.1	MYNKVIAIGRLVAKPELVKTATDKHVARL	SLAVNRRFKNAS	GEREADFI	SVVWVGKLAETLVSYAS	KGSLMSIDGELRTR		80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRYKDQNGEREADFVN	MVLWGKLAESLASYAT	KGSLISVDGELRTR			80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLTSTPELHKTNN	NDKSVARATIAVNRRYKDQNGEREADFVN	MVLWGRLAETLASYAT	KGSLISVDGELRTR			80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRYKDQNGEREADFVN	MVLWGRLAETLASYAT	KGSLISVDGELRTR			80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRYKDQNGEREADFVN	MVLWGRLAETLASYAT	KGSLISVDGELRTR			80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNN	NDKSVARATIAVNRRYKDQNGEREADFVN	MVLWGRLAETLASYAT	KGSLISVDGELRTR			80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLTSTPELHKTNN	NDKSVARATIAVNRRYKDQNGEREADFVN	MVLWGRLAETLASYAT	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	VVFWGKLAESLVS	YAGKGSLVSLDGEIRTR		80
consensus	**!*!!!!!!* **** *! ***** **!!!!!!** **!*!!!!!!*****!*****!*****!*****!*****!*****!						

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NTDB id 624 LCA RS00040 WP 011373726.1	NYENQ	QGQRVYVTEV	VVDN	FSLLES	RTTTEQ	RQG	DGASQNFNSNQSN	SGSQ.....	QSFTSPQQTGN	APAA	NNTQADP	153	
NTDB id 113 BSU 40900 NP 391970.1	NYENQ	QGQRV	FVTEVQAESV	QFLEP	KNGG	SGS	.....	GGYNEGNSGGGQY	FGGGQNDN	PFGGN	QNNQRRNQNS	FNDDP	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDK	KNEQKHYTEILGLSYD	LLES	RATLAL	RESAVK	.....							116
NTDB id 341308 ETT66 RS00765 WP 003053955.1	KYD	.KDGQVHYVTEVLCQS	FQLLES	RAQRAM	RENNVT	.....							116
NTDB id 498 SM12261 RS01980 WP 000282464.1	RFE	.KNGQMNYVTEVLVTG	FQLLES	RAQRAM	RENNAG	.....							116
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE	.KNGQMNYVAEVLVTG	FQLLES	RAQRAM	RENNAG	.....							116
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE	.KNGQMNYVTEVLVTG	FQLLES	RAQRAM	RENNAG	.....							116
NTDB id 227 SPD RS09110 WP 000282467.1	RFE	.KNGQMNYVTEVLVTG	FQLLES	RAQRAM	RENNAG	.....							116
NTDB id 193 SPR RS08685 WP 000282467.1	RFE	.KNGQMNYVTEVLVTG	FQLLES	RAQRAM	RENNAG	.....							116
NTDB id 158 SP RS09595 WP 000282442.1	RFE	.KNGQMNYVTEVLVTG	FQLLES	RAQRAM	RENNAG	.....							116
NTDB id 409 SMU RS08940 WP 002263454.1	KYE	.KDGVTHFVTEVLGHS	FQLLES	RAQRAM	RENNSE	.....							116
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE	.KDGQTHYVTEILAQS	FQLLES	RAQRA	LENNGA								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 341308 ETT66 RS00765 WP 003053955.1	..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