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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	GEREADFISITILWGKSAETLVSYAK	KGSLISVEGEIRTR			79
NTDB id 21915 SPYM18 RS00725 WP 011017257.1	MYNKVIAIGRLVAKPELVKTATDKHVARL	SLAVNRFFKNASGEREAGFISVVVWGKLAETLVSYAS	KGSLMSIDGELRTR				80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGKLAESLASYAT	KGSLISVDGELRTR					80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR					80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR					80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR					80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR					80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYAT	KGSLISVDGELRTR					80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRFFKSQDGEKQADFVNVLWGRLAETIASYGS	KGSLISLDGELRTR					80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAPEMVKTTPSNKSVTHITLAVNRFFKTQDGERQADFVN	VFWGKLAESLVS	YAGKGSLVSLDGEIRTR				80
consensus	**!*!!!!!!* **** *! ***** **!!!!!!** **!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!						

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NTDB id 624 LCA RS00040 WP 011373726.1	NYENQGGQRRVYVTEVVVDN	FSLLESRTTTEQR	CGD	GSQNFNSNQSNQS	SGS	QSGFTSPQQTGNAPAANNTQADP	153	
NTDB id 113 BSU 40900 NP 391970.1	NYENQGGQRRV	FVTEVQAESVQFLEP	KNGG	SGS	GGYNEGNSGGGQYF	GGGQNDNPF	GGNQNQRNQGNSFNDDP	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDKNEQKHYTEITLGLSYD	LLESRATLALRESAVK						116
NTDB id 21915 SPYM18 RS00725 WP 011017257.1	KYD.KDGGVHYVTEVLCQS	FQLLESRAQRAMRENNVT						116
NTDB id 498 SM12261 RS01980 WP 000282464.1	RFE.KNGQMNYVTEVLVTG	FQLLESRAQRAMRENN	AG					116
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE.KNGQMNYVAEVLVTG	FQLLESRAQRAMRENN	AG					116
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE.KNGQMNYVTEVLVTG	FQLLESRAQRAMRENN	AG					116
NTDB id 227 SPD RS09110 WP 000282467.1	RFE.KNGQMNYVTEVLVTG	FQLLESRAQRAMRENN	AG					116
NTDB id 193 SPR RS08685 WP 000282467.1	RFE.KNGQMNYVTEVLVTG	FQLLESRAQRAMRENN	AG					116
NTDB id 158 SP RS09595 WP 000282442.1	RFE.KNGQMNYVTEVLVTG	FQLLESRAQRAMRENN	AG					116
NTDB id 409 SMU RS08940 WP 002263454.1	KYE.KDGVTHFVTEVLGHS	FQLLESRAQRAMRENN	SE					116
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE.KDGVTHYVTEILAQS	FQLLESRAQRALRENN	GA					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 21915 SPYM18 RS00725 WP 011017257.1	..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