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NTDB id 624 LCA RS00040 WP 011373726.1	MINRVVLVGRLLTRDVLRYTSSGA	AVGTF	SMAVNRQFTNANGDREADF	INCVIWRKSAENFANFTK	KGSLV	GVDGRLQTR	80
NTDB id 113 BSU 40900 NP 391970.1	MLNRVVLVGRLLTKDPELRYTPNGA	AVATFTLAVNRFTTNQSG	EREADFINCVTWRRAENVAN	FLKKGSLAGVDGRLQTR			80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTMILIGRLTNAPEISKTTN	NKSYVRVTLAVNRFFKNEK	GEREADFISITILWGKSAETLV	SYAKKGSLISVEGEIRTR			79
NTDB id 349446 EZ612 RS00670 WP 003053955.1	MYNKVIAIGRLVAKPELVKTATDKH	VARLSLAVNRRFKNASG	EREADFISVVVWGKLAETLV	SYASKGSLMSIDGELRTR			80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLTSTPELHKTNN	DKSVARATIAVNRRYKDQ	NGEREADFVNMVLWGKLAES	LASYATKGSLISVDGELRTR			80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLTSTPELHKTNN	DKSVARATIAVNRRYKDQ	NGEREADFVNMVLWGRLAET	LASYATKGSLISVDGELRTR			80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNN	DKSVARATIAVNRRYKDQ	NGEREADFVNMVLWGRLAET	LASYATKGSLISVDGELRTR			80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNN	DKSVARATIAVNRRYKDQ	NGEREADFVNMVLWGRLAET	LASYATKGSLISVDGELRTR			80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNN	DKSVARATIAVNRRYKDQ	NGEREADFVNMVLWGRLAET	LASYATKGSLISVDGELRTR			80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLTSTPELHKTNN	DKSVARATIAVNRRYKDQ	NGEREADFVNMVLWGRLAET	LASYATKGSLISVDGELRTR			80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPEMVKTPK	DKSVTRVTLAVNRRFKS	QDGEKQADFVNVLWGRLAET	IASYGSKGSLISLDGELRTR			80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAPEMVKTPS	NKSVTHITLAVNRRFKT	QDGERQADFVNNVFWGKLAES	LSVSYAGKGSLVSLDGEIRTR			80
consensus	***!*****!!* **** *! ***** **!!!!** *!*!!!!!!*****!*****!*****!*****!*****!*****!!						

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NTDB id 624 LCA RS00040 WP 011373726.1	NYENQGGQRRVYVTEVVVDN	FSLLESRTTTEQR	CGDGASQNFNSNQSNQS	Q.....QS	GFTSPQQTGNAPAANNTQADP	153
NTDB id 113 BSU 40900 NP 391970.1	NYENQGGQRRVYVTEVQAESV	QFLEPKNGGSGS.....	GGYNEGNSGGGQYF	GGGQNDNPF	GGNQNNQRRNQNSFNDDP	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDKNEQKHYTEITLGLSY	DLLESRAATLALRESAVK				116
NTDB id 349446 EZ612 RS00670 WP 003053955.1	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	FQLLESRAQRALENNGA				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 349446 EZ612 RS00670 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