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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	KDPELRYTPNGA	AVATFTLAVNRFTTNQSG	EREADF	INCVTWRRAENVANFL	KKGSLAGVDGRLQTR	80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTM	LIGRLTNAPEISKTTN	NKSYVRVTLAVNR	RFKNEKGEREADF	ISTILWGKSAETLVSYAK	KGSLISVEGEIRTR	79
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLT	STPELHKTNN	NDKSVARATIAVNRRY	KDQNGEREADFVN	NMVLWGKLAESL	ASYATKGSLISVDGELRTR	80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLT	STPELHKTNN	NDKSVARATIAVNRRY	KDQNGEREADFVN	NMVLWGRLAETL	ASYATKGSLISVDGELRTR	80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLT	STPELHKTNN	NDKSVARATIAVNRRY	KDQNGEREADFVN	NMVLWGRLAETL	ASYATKGSLISVDGELRTR	80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLT	STPELHKTNN	NDKSVARATIAVNRRY	KDQNGEREADFVN	NMVLWGRLAETL	ASYATKGSLISVDGELRTR	80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLT	STPELHKTNN	NDKSVARATIAVNRRY	KDQNGEREADFVN	NMVLWGRLAETL	ASYATKGSLISVDGELRTR	80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLT	STPELHKTNN	NDKSVARATIAVNRRY	KDQNGEREADFVN	NMVLWGRLAETL	ASYATKGSLISVDGELRTR	80
NTDB id 281673 C9I27 RS00740 WP 002987809.1	MYNKVIAIGRLVAK	PELVKTATDKHVARL	SLAVNRRFKNASGEREADF	ISVVVWGKLAETLV	SYASKGSLIS	TDGELRTR	80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVAT	PEMVKTPKDKSVTRV	TLAVNRRFKSQDGEKQADFVN	NMVLWGRLAETIASY	GSKGSLISLDGELRTR		80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTA	PEMVKTPSNKSVTHIT	LAVNRRFKTQDGERQADFVN	NMVLWGKLAESLV	SYAGKGSLVSLDGE	IRTR	80
consensus	***!*****!!* **** *! ***** **!!!!** *!*!!!!!!*****!*****!!!!!!*****!*****!!						

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NTDB id 624 LCA RS00040 WP 011373726.1	NYENQ	QGQRVYVTEVV	VDNFSLLES	RTTTEQR	CGDGASQNFNSNQSN	GSQ.....	QS	GFTSP	QQTGN	APAA	NNTQADP	153
NTDB id 113 BSU 40900 NP 391970.1	NYENQ	QGQRV	FVTEVQAESV	QFLEPK	NGGSGS.....	GGYNEGNSGGGQY	FGGGQ	NDN	PF	GGNQNNQRRN	QGNSFNDDP	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDK	NEQKHYTEIL	GLSYD	LLES	RATLALRES	AVK.....						116
NTDB id 498 SM12261 RS01980 WP 000282464.1	RFE.	KNGQMNYVTEVL	VTGFQ	LLES	RAQRAMRENN	AG.....						116
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE.	KNGQMNYVAEVL	VTGFQ	LLES	RAQRAMRENN	AG.....						116
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE.	KNGQMNYVTEVL	VTGFQ	LLES	RAQRAMRENN	AG.....						116
NTDB id 227 SPD RS09110 WP 000282467.1	RFE.	KNGQMNYVTEVL	VTGFQ	LLES	RAQRAMRENN	AG.....						116
NTDB id 193 SPR RS08685 WP 000282467.1	RFE.	KNGQMNYVTEVL	VTGFQ	LLES	RAQRAMRENN	AG.....						116
NTDB id 158 SP RS09595 WP 000282442.1	RFE.	KNGQMNYVTEVL	VTGFQ	LLES	RAQRAMRENN	AG.....						116
NTDB id 281673 C9I27 RS00740 WP 002987809.1	KYD.	KDGQVHYVTEV	LCQS	FQ	LLES	RAQRAMRENN	VT.....					116
NTDB id 409 SMU RS08940 WP 002263454.1	KYE.	KDGVTHFVTEV	LGH	SFQ	LLES	RAQRAMRENN	SE.....					116
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE.	KDGQTHYVTEI	LAQS	FQ	LLES	RAQRALRENN	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	...TEEL	LLEADLPF	129
NTDB id 498 SM12261 RS01980 WP 000282464.1	..QDLADLV	LEEEELPF	131
NTDB id 526 SMSK321 RS08825 WP 000282440.1	..QDLADLV	LEEEELPF	131
NTDB id 268 KZH43 RS08520 WP 000282467.1	..QDLADLV	LEEEELPF	131
NTDB id 227 SPD RS09110 WP 000282467.1	..QDLADLV	LEEEELPF	131
NTDB id 193 SPR RS08685 WP 000282467.1	..QDLADLV	LEEEELPF	131
NTDB id 158 SP RS09595 WP 000282442.1	..QDLADLV	LEEEELPF	131
NTDB id 281673 C9I27 RS00740 WP 002987809.1	..NDLV	DLVLEEDTLPF	131
NTDB id 409 SMU RS08940 WP 002263454.1	..NDLADLV	LEEEELPF	131
NTDB id 583 DLJ51 RS09560 WP 002962590.1	..SDLT	DLVLEEEELPF	131
consensus	*****!!!!		

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved