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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	MLNRVVLVGRLLTKDP	PELRYTPNGA	AVATFTLAVNRFTTNQSG	EREADF	INCVTWRRAENVANFL	KKGSLAGVDGRLQTR	80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTM	LIGRLTNAPEISKTTN	NKSYVRVTLAVNR	RFKNEKGEREADF	ISTILLWGKSAETLV	SYAKKGSLSVGEIRTR	79
NTDB id 309144 DZL40 RS00740 WP 011284430.1	MYNKVIAIGRLVAK	PELVKTATDKHVARL	SLAVNR	RFKNASGEREADF	ISIVVWGKLAETLV	SYASKGSLMSIDGELRTR	80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLT	STPELHKTNNDKS	VARATIAVNRRYKDQ	NGEREADFVNMVLWG	KLAESLASYAT	KGSLISVDGELRTR	80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLT	STPELHKTNNDKS	VARATIAVNRRYKDQ	NGEREADFVNMVLWG	RLAETLASYAT	KGSLISVDGELRTR	80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLT	STPELHKTNNDKS	VARATIAVNRRYKDQ	NGEREADFVNMVLWG	RLAETLASYAT	KGSLISVDGELRTR	80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLT	STPELHKTNNDKS	VARATIAVNRRYKDQ	NGEREADFVNMVLWG	RLAETLASYAT	KGSLISVDGELRTR	80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLT	STPELHKTNNDKS	VARATIAVNRRYKDQ	NGEREADFVNMVLWG	RLAETLASYAT	KGSLISVDGELRTR	80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLT	STPELHKTNNDKS	VARATIAVNRRYKDQ	NGEREADFVNMVLWG	RLAETLASYAT	KGSLISVDGELRTR	80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVAT	PEMVKTPKDKSVTR	VTLAVNR	RFKSDG	GEKQADFVNVVLWG	RLAETIASYSGSKGSLISLDGELRTR	80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTA	PEMVKTPSNKSVTHI	TLAVNR	RFKTDGER	QADFVNVVFWG	KLAESLSVSYAGKGSLVSLDGEIRTR	80
consensus	**!*!!!!!!* **** *! ***** **!!!!!!** **!*!!!!!!*****!*****!!!!!!*****!*****!!						

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NTDB id 624 LCA RS00040 WP 011373726.1	NYENQ	QGQRVYVTEV	VVDNFSLLES	RTTTEQR	CGD	GSQNFNSNQSN	GSQ.....	QS	GFTSPQQTGN	APAA	NNTQADP	153			
NTDB id 113 BSU 40900 NP 391970.1	NYENQ	QGQRV	FVTEVQA	ESVQFLEP	KNGG	SGS.....	GGY	NEGNSGGG	QYF	GGGQNDN	PF	GGNQNNQRRNQNS	FND	DDP	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDK	KNEQKH	YITEIL	GLSYD	LLES	RATLAL	RES	SAVK.....							116
NTDB id 309144 DZL40 RS00740 WP 011284430.1	KYD.	KDGQVHY	VTEVLC	QS	FQLLES	RAQR	AMRENN	VT.....							116
NTDB id 498 SM12261 RS01980 WP 000282464.1	RFE.	KNGQMNY	VTEVL	VTG	FQLLES	RAQR	AMRENN	AG.....							116
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE.	KNGQMNY	AEVL	VTG	FQLLES	RAQR	AMRENN	AG.....							116
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE.	KNGQMNY	VTEVL	VTG	FQLLES	RAQR	AMRENN	AG.....							116
NTDB id 227 SPD RS09110 WP 000282467.1	RFE.	KNGQMNY	VTEVL	VTG	FQLLES	RAQR	AMRENN	AG.....							116
NTDB id 193 SPR RS08685 WP 000282467.1	RFE.	KNGQMNY	VTEVL	VTG	FQLLES	RAQR	AMRENN	AG.....							116
NTDB id 158 SP RS09595 WP 000282442.1	RFE.	KNGQMNY	VTEVL	VTG	FQLLES	RAQR	AMRENN	AG.....							116
NTDB id 409 SMU RS08940 WP 002263454.1	KYE.	KDGVTH	FVTEV	L	GH	SFQLLES	RAQR	AMRENN	SE.....						116
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE.	KDGQTH	YVTEI	LA	QS	FQLLES	RAQR	ALRENN	GA.....						116
consensus	***	*****	***!	***	***!	*****	*****	*****	*****						

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NTDB id 624 LCA RS00040 WP 011373726.1	FANNGQAIDIS	DDDL	LPF	170
NTDB id 113 BSU 40900 NP 391970.1	FANDGKPIDIS	DDDL	LPF	172
NTDB id 597 KW2 RS01935 WP 021036727.1	...TEELLLEAD	ELPF		129
NTDB id 309144 DZL40 RS00740 WP 011284430.1	..NDLV	VDLVLEED	TLPF	131
NTDB id 498 SM12261 RS01980 WP 000282464.1	..QDL	ADLVLEEE	ELPF	131
NTDB id 526 SMSK321 RS08825 WP 000282440.1	..QDL	ADLVLEEE	ELPF	131
NTDB id 268 KZH43 RS08520 WP 000282467.1	..QDL	ADLVLEEE	ELPF	131
NTDB id 227 SPD RS09110 WP 000282467.1	..QDL	ADLVLEEE	ELPF	131
NTDB id 193 SPR RS08685 WP 000282467.1	..QDL	ADLVLEEE	ELPF	131
NTDB id 158 SP RS09595 WP 000282442.1	..QDL	ADLVLEEE	ELPF	131
NTDB id 409 SMU RS08940 WP 002263454.1	..NDL	ADLVLEEE	ELPF	131
NTDB id 583 DLJ51 RS09560 WP 002962590.1	..SDL	TDLVLEEE	ELPF	131
consensus	*****!!!!			

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