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NTDB id 624 LCA RS00040 WP 011373726.1	MINRVVLVGRLTRDVLRYTSSGA	AVGTF	SMAVNRQFTNANGDREADF	INCVIWRKSAENFANFTKKGSLV	GVDGRLQTR	80
NTDB id 113 BSU 40900 NP 391970.1	MLNRVVLVGRLT	KDPELRYTPNGAAVATFTLAVNRFTTNQSGER	ADFINCVTWRRAENVANFLKKGSLAGVDGRLQTR			80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTM	LIGRLTNAPEISKTTNKS	YVRVTLAVNRRFKNEKGEREADFI	STILWGKSAETLVSYAKKGSLISVEGEIRTR		79
NTDB id 414632 GU336 RS02175 WP 031366343.1	MLNKS	LLIGRLTAQPEVKKTPDKSVLRVTLAVSRQFKTADGQ	READFLTIVITWGKPAELFASYAKKGSLV	SIEGELRTR		80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLT	STPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGKLAESLASYAT	TKGSLISVDGELRTR			80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLT	STPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYAT	TKGSLISVDGELRTR			80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLT	STPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYAT	TKGSLISVDGELRTR			80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLT	STPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYAT	TKGSLISVDGELRTR			80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLT	STPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYAT	TKGSLISVDGELRTR			80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLT	STPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYAT	TKGSLISVDGELRTR			80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAP	EMVKTPSNKS	VTHTLAVNRRFKTQDGERQADFVNVVFWGKLAESLVS	YAGKGSLVSLDGEIRTR		80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPEM	VKTPKDKSVTRVTLAVNRRFKSQDGEKQADFVNVVLWGRLAETIASYGS	KGSLISLDGELRTR			80
consensus	*!*!!!!!!* **** *! ***** **!*!!**					

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NTDB id 624 LCA RS00040 WP 011373726.1	RYENQ	QGGQ	RVYVTEV	VVDN	FSLLES	RTTTEQR	CGD	GSQNFNSNQSN	GSQ.....	QSGFTSPQQTGNAPAANNTQADP	153
NTDB id 113 BSU 40900 NP 391970.1	NYENQ	QGGQ	RVYVTEV	QAESV	QFLEP	KNGG	SGS.....	GGYNEGNSGGGQYF	GGGQNDNPF	GGNQNNQRRNQNSFNDDP	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDK	NEQKH	YITE	ILGLS	YDLLES	RATLALRESA..	V.....				115
NTDB id 414632 GU336 RS02175 WP 031366343.1	RYEDK	TGVTHYVTEV	LCQQ	FNLLES	RAAVALREN	Q.VD.....					117
NTDB id 498 SM12261 RS01980 WP 000282464.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQRAMRENN	AGQ.....				117
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQRAMRENN	AGQ.....				117
NTDB id 158 SP RS09595 WP 000282442.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQRAMRENN	AGQ.....				117
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQRAMRENN	AGQ.....				117
NTDB id 227 SPD RS09110 WP 000282467.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQRAMRENN	AGQ.....				117
NTDB id 193 SPR RS08685 WP 000282467.1	RFE.	KNGQM	NYVTEV	LV	TGFQLLES	RAQRAMRENN	AGQ.....				117
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE.	KDGQ	THYVTE	IL	AQS	FQLLES	RAQRALRENN	GAS.....			117
NTDB id 409 SMU RS08940 WP 002263454.1	KYE.	KDG	VTHFVTEV	L	GHS	FQLLES	RAQRAMRENN	SEN.....			117
consensus	*** **** ***!*** ***!!*****										

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NTDB id 624 LCA RS00040 WP 011373726.1	FAN	NGQA	IDIS	DDDL	LPF	170
NTDB id 113 BSU 40900 NP 391970.1	FAN	DGKP	IDIS	DDDL	LPF	172
NTDB id 597 KW2 RS01935 WP 021036727.1	...	KTE	ELL	LEA	DEL	129
NTDB id 414632 GU336 RS02175 WP 031366343.1	...	DVSD	VMLEA	EEL	PF	131
NTDB id 498 SM12261 RS01980 WP 000282464.1	...	DLAD	LVLEEE	EEL	PF	131
NTDB id 526 SMSK321 RS08825 WP 000282440.1	...	DLAD	LVLEEE	EEL	PF	131
NTDB id 158 SP RS09595 WP 000282442.1	...	DLAD	LVLEEE	EEL	PF	131
NTDB id 268 KZH43 RS08520 WP 000282467.1	...	DLAD	LVLEEE	EEL	PF	131
NTDB id 227 SPD RS09110 WP 000282467.1	...	DLAD	LVLEEE	EEL	PF	131
NTDB id 193 SPR RS08685 WP 000282467.1	...	DLAD	LVLEEE	EEL	PF	131
NTDB id 583 DLJ51 RS09560 WP 002962590.1	...	DL	TDLVLEEE	EEL	PF	131
NTDB id 409 SMU RS08940 WP 002263454.1	...	DLAD	LVLEEE	EEL	PF	131
consensus	*****! ! !					

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