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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	KDPELRYTPNGAAVATFTLAVNRFTTNQSGEREAD	FINCVTWRRAENVANFLKKGSLAGVDGRLQTR			80
NTDB id 597 KW2 RS01935 WP 021036727.1	.MNKTM	LIGRLTNAPEISKTTNNKSYVRVTLAVNRRFKNEKGEREAD	FISITILWGKSAETLVSYAKKGSLISVEGEIRTR			79
NTDB id 414717 GU333 RS01105 WP 031366343.1	MLNKS	LLIGRLTAQPEVKKPTDKSVLRVTLAVSRQFKTADGQREAD	FLTIVITWGKPAELFASYAKKGSLV	SIEGELRTR		80
NTDB id 498 SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLT	STPELHKTNNDKSVARATIAVNRRYKDQNGEREAD	FVNMVLWGKLAESLASYATK	KGSLISVDGELRTR		80
NTDB id 526 SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLT	STPELHKTNNDKSVARATIAVNRRYKDQNGEREAD	FVNMVLWGRLAETLASYATK	KGSLISVDGELRTR		80
NTDB id 158 SP RS09595 WP 000282442.1	MYNKVILIGRLT	STPELHKTNNDKSVARATIAVNRRYKDQNGEREAD	FVNMVLWGRLAETLASYATK	KGSLISVDGELRTR		80
NTDB id 268 KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLT	STPELHKTNNDKSVARATIAVNRRYKDQNGEREAD	FVNMVLWGRLAETLASYATK	KGSLISVDGELRTR		80
NTDB id 227 SPD RS09110 WP 000282467.1	MYNKVIMIGRLT	STPELHKTNNDKSVARATIAVNRRYKDQNGEREAD	FVNMVLWGRLAETLASYATK	KGSLISVDGELRTR		80
NTDB id 193 SPR RS08685 WP 000282467.1	MYNKVIMIGRLT	STPELHKTNNDKSVARATIAVNRRYKDQNGEREAD	FVNMVLWGRLAETLASYATK	KGSLISVDGELRTR		80
NTDB id 583 DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAP	EMVKTPSNKSVT	HITLAVNRRFKTQDGERQAD	FVNVFWGKLAESLVSYAGK	KGSLVSLDGEIRTR	80
NTDB id 409 SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPEM	VKTPKDKSVTRVTLAVNRRFKS	QDGEKQADFVNVVLWGRLAETIASYGS	KGSLISLDGELRTR		80
consensus	*!*!!!!!!* **** *! ***** **!*!!**					

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NTDB id 624 LCA RS00040 WP 011373726.1	RYENQ	QGQ	RVYVTEV	VVDNF	SLLES	RTTTEQR	CGDGASQNFNSNQSGSQ		QSGFTSPQQTGNAPAANNTQADP	153
NTDB id 113 BSU 40900 NP 391970.1	NYENQ	QGQ	RVYVTEV	VVDNF	SLLES	RTTTEQR	CGDGASQNFNSNQSGSQ		QSGFTSPQQTGNAPAANNTQADP	155
NTDB id 597 KW2 RS01935 WP 021036727.1	NYTDK	NEQ	KHYITE	ILGLS	YDLLES	RATLALRESA	..V			115
NTDB id 414717 GU333 RS01105 WP 031366343.1	RYEDK	TGVT	HYVTEV	LCQQF	NLLES	RAAVALRENQ	.VD			117
NTDB id 498 SM12261 RS01980 WP 000282464.1	RFE	.KNGQM	NYVTEV	LV	TGF	QLLES	RAQRAMRENN	AGQ		117
NTDB id 526 SMSK321 RS08825 WP 000282440.1	RFE	.KNGQM	NYV	AEV	LV	TGF	QLLES	RAQRAMRENN	AGQ	117
NTDB id 158 SP RS09595 WP 000282442.1	RFE	.KNGQM	NYVTEV	LV	TGF	QLLES	RAQRAMRENN	AGQ		117
NTDB id 268 KZH43 RS08520 WP 000282467.1	RFE	.KNGQM	NYVTEV	LV	TGF	QLLES	RAQRAMRENN	AGQ		117
NTDB id 227 SPD RS09110 WP 000282467.1	RFE	.KNGQM	NYVTEV	LV	TGF	QLLES	RAQRAMRENN	AGQ		117
NTDB id 193 SPR RS08685 WP 000282467.1	RFE	.KNGQM	NYVTEV	LV	TGF	QLLES	RAQRAMRENN	AGQ		117
NTDB id 583 DLJ51 RS09560 WP 002962590.1	HYE	.KDGQ	THYVTE	IL	AQS	FQLLES	RAQRA	LENNGAS		117
NTDB id 409 SMU RS08940 WP 002263454.1	KYE	.KDG	VTHFVTEV	LGHS	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 414717 GU333 RS01105 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	TDLV	LEEE	ELPF	131
NTDB id 409 SMU RS08940 WP 002263454.1	...	DLAD	LVLEEE	EEL	PF	131
consensus	*****! ! !					

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