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NTDB id 588 KW2 RS10845 WP 051303741.1	MSKALSLV	KIHGRK	LCQK	KQK	KAFTL	EMLV	VL	II	IS	LL	LLFVPNL	IK	KAQV	KT	CE	AAVVKV	VESQA	LYEL	DH	DN	DK	80	
NTDB id 1128114 FGL17 RS00765 WP 003083111.1		MQKL	IGNK	IK	DVSL	EC	FTL	EMLV	VLLI	ISVLM	LLF	TPNL	NKQK	DM	VT	DKGKA	AAVVK	V	DN	QAELYEL	NQG	.AS	72
NTDB id 460 GPW51 RS00790 WP 011921720.1	.....	.....	MKKL	VEMK	VK	GFTL	VEML	VVL	GIIS	LL	LLFVPNL	SQ	KDA	IK	KCD	AAVVKV	VESQ	MELYEL	EH	D	.EE	68	
NTDB id 502 SM12261 RS00955 WP 000738641.1	.....	MKKM	MTFL	LKKA	KVKA	FTL	VEML	VVLLI	ISVLM	LLFVPNL	TKQKE	AVN	DKGKA	AAVVKV	VESQAELY	SL	DKN	.ED				72	
NTDB id 272 KZH43 RS09255 WP 000738626.1	.....	MKKM	MTFL	LKKA	KVKA	FTL	VEML	VVLLI	ISVLM	LLFVPNL	TKQKE	AVN	DKGKA	AAVVKV	VESQAELY	SL	EKN	.ED				72	
NTDB id 231 SPD RS09885 WP 000738626.1	.....	MKKM	MTFL	LKKA	KVKA	FTL	VEML	VVLLI	ISVLM	LLFVPNL	TKQKE	AVN	DKGKA	AAVVKV	VESQAELY	SL	EKN	.ED				72	
NTDB id 197 SPR RS09420 WP 000738626.1	.....	MKKM	MTFL	LKKA	KVKA	FTL	VEML	VVLLI	ISVLM	LLFVPNL	TKQKE	AVN	DKGKA	AAVVKV	VESQAELY	SL	EKN	.ED				72	
NTDB id 162 SP RS10370 WP 000738627.1	.....	MKKM	MTFL	LKKA	KVKA	FTL	VEML	VVLLI	ISVLM	LLFVPNL	TKQKE	AVN	DKGKA	AAVVKV	VESQAELY	SL	EKN	.ED				72	
NTDB id 530 SMSK321 RS09230 WP 000738643.1	.....	MKKM	MTFL	LKKA	KVKA	FTL	VEML	VVLLI	ISVLM	LLFVPNL	TKQKE	AVN	DKGKA	AAVVKV	VESQAELY	SL	DKN	.ED				72	
NTDB id 431 SGO RS09410 WP 012130940.1	.....	.....	MNKL	LK	LR	VKA	FTL	VEML	VVLLI	ISVLM	LLFVPNL	TKQKE	AVS	DT	CN	AAVVKV	VESQAELYEL	KNTG	DQ			69	
NTDB id 396 FSA28 RS09395 WP 002263437.1	.....	.....	MKK	TKR	VS	VRA	FTL	EMLV	VVLLI	IS	LL	LLFVPNL	TKQK	DK	VKD	TG	S	AAVVKV	VESQAELYEL	NKT	.DS	68	
NTDB id 387 SMU RS09025 WP 002263437.1			MKK	TKR	VS	VRA	FTL	EMLV	VVLLI	IS	LL	LLFVPNL	TKQK	DK	VKD	TG	S	AAVVKV	VESQAELYEL	NKT	.DS	68	
consensus	*****	***	*****	!!!!	!!!!	!!!!	!!!!	!!!!	!!!!	!!!!	!!!!	!!!!	!!!!	!!!!	!!!!	!!!!	!!!!	!!!!	!!!!	!!!!	!!!!	***	

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NTDB id 588 KW2 RS10845 WP 051303741.1	PNLSE	LLS	A	C	M	I	T	Q	K	Q	V	T	A	Y	D	D	Y	D	Q	N	K	N	E	C	R	N	F	D	D	116
NTDB id 1128114 FGL17 RS00765 WP 003083111.1	PKLSE	LEN	K	G	D	I	S	K	E	Q	A	K	A	Y	R	D	Y	Y	V	K	H	D	N	K	N	R	K	V	Q	108
NTDB id 460 GPW51 RS00790 WP 011921720.1	ATVAD	LQAK	G	Y	I	T	E	K	Q	A	K	Q	Y	A	T	A	K	.....											93	
NTDB id 502 SM12261 RS00955 WP 000738641.1	ASLSKLQAD	GRI	T	E	E	Q	A	K	A	Y	K	E	Y	H	A	K	C	N	T	S	A	T	V	A	D				107	
NTDB id 272 KZH43 RS09255 WP 000738626.1	ASLRKLQAD	GRI	T	E	E	Q	A	K	A	Y	K	E	Y	H	D	K	N	G	G	A	N	R	K	V	N	D			108	
NTDB id 231 SPD RS09885 WP 000738626.1	ASLRKLQAD	GRI	T	E	E	Q	A	K	A	Y	K	E	Y	H	D	K	N	G	G	A	N	R	K	V	N	D			108	
NTDB id 197 SPR RS09420 WP 000738626.1	ASLRKLQAD	GRI	T	E	E	Q	A	K	A	Y	K	E	Y	H	D	K	N	G	G	A	N	R	K	V	N	D			108	
NTDB id 162 SP RS10370 WP 000738627.1	ASLRKLQAD	GRI	T	E	E	Q	A	K	A	Y	K	E	Y	N	D	K	N	G	G	A	N	R	K	V	N	D			108	
NTDB id 530 SMSK321 RS09230 WP 000738643.1	ASLSKLQAD	GRI	T	E	E	Q	A	K	A	Y	N	E	Y	Y	A	K	N	G	G	A	N	R	K	V	N	D			108	
NTDB id 431 SGO RS09410 WP 012130940.1	ATLSKLVA	A	G	N	I	S	Q	K	Q	A	D	S	Y	K	A	Y	Y	G	K	N	M	S	E	T	Q	A	V	A	N	105
NTDB id 396 FSA28 RS09395 WP 002263437.1	ATLSKLVA	S	C	D	I	T	Q	E	Q	A	N	S	Y	K	D	Y	Y	A	K	H	P	S	K	T	R	H	V	A	N	104
NTDB id 387 SMU RS09025 WP 002263437.1	ATLSKLVA	S	C	D	I	T	Q	E	Q	A	N	S	Y	K	D	Y	Y	A	K	H	P	S	K	T	R	H	V	A	N	104
consensus	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****		

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