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NTDB id 588 KW2 RS10845 WP 051303741.1	MSKALSLV	KIHGRK	LCQK	KQK	KAFTL	EMLV	VL	AI	IS	LL	LLFVPNL	IK	KAQV	KT	GA	AAVVKV	VESQA	LYEL	DH	DN	DK	80						
NTDB id 1128022 FGL20 RS00700 WP 003083111.1	.....	MQKL	IGNK	IK	DVSL	EC	FTL	EMLV	VLLI	ISVLM	LLF	TPNL	NKQK	DM	VT	DKGKA	AAVVK	IV	DN	QAEL	YEL	NQG	AS	72				
NTDB id 460 GPW51 RS00790 WP 011921720.1			MKKL	VEMK	VKGF	TL	VEML	VVL	GI	IS	LL	LLFVPNL	SQ	QK	DA	IK	KGD	AAVVKV	VESQ	MEL	YEL	EH	ED	EE	68			
NTDB id 502 SM12261 RS00955 WP 000738641.1	.....	.....	MKKM	MTFL	LKKA	KVKA	FTL	VEML	VVLLI	ISVLM	LLFVPNL	TKQ	KEAV	N	DKGKA	AAVVKV	VESQAEL	YSL	D	KN	ED			72				
NTDB id 272 KZH43 RS09255 WP 000738626.1	.....	.....	MKKM	MTFL	LKKA	KVKA	FTL	VEML	VVLLI	ISVLM	LLFVPNL	TKQ	KEAV	N	DKGKA	AAVVKV	VESQAEL	YSL	E	KN	ED			72				
NTDB id 231 SPD RS09885 WP 000738626.1	.....	.....	MKKM	MTFL	LKKA	KVKA	FTL	VEML	VVLLI	ISVLM	LLFVPNL	TKQ	KEAV	N	DKGKA	AAVVKV	VESQAEL	YSL	E	KN	ED			72				
NTDB id 197 SPR RS09420 WP 000738626.1	.....	.....	MKKM	MTFL	LKKA	KVKA	FTL	VEML	VVLLI	ISVLM	LLFVPNL	TKQ	KEAV	N	DKGKA	AAVVKV	VESQAEL	YSL	E	KN	ED			72				
NTDB id 162 SP RS10370 WP 000738627.1	.....	.....	MKKM	MTFL	LKKA	KVKA	FTL	VEML	VVLLI	ISVLM	LLFVPNL	TKQ	KEAV	N	DKGKA	AAVVKV	VESQAEL	YSL	E	KN	ED			72				
NTDB id 530 SMSK321 RS09230 WP 000738643.1	.....	.....	MKKM	MTFL	LKKA	KVKA	FTL	VEML	VVLLI	ISVLM	LLFVPNL	TKQ	KEAV	N	DKGKA	AAVVKV	VESQAEL	YSL	D	KN	ED			72				
NTDB id 431 SGO RS09410 WP 012130940.1			MNKL	KKL	R	VKA	FTL	VEML	VVLLI	ISVLM	LLFVPNL	TKQ	KEAV	S	DT	C	NA	AVVKV	VESQAEL	YEL	K	NT	G	DQ	69			
NTDB id 396 FSA28 RS09395 WP 002263437.1			MKK	TKR	VSV	RA	FTL	EMLV	VVLLI	IS	LL	LLFVPNL	TKQ	K	V	KD	T	G	S	A	VVKV	VESQAEL	YEL	N	K	T	DS	68
NTDB id 387 SMU RS09025 WP 002263437.1			MKK	TKR	VSV	RA	FTL	EMLV	VVLLI	IS	LL	LLFVPNL	TKQ	K	V	KD	T	G	S	A	VVKV	VESQAEL	YEL	N	K	T	DS	68
consensus			*****		***		*****	!!!!	*!!!!	*!!!!	*!!!!	*!!!!	*!!!!	*!!!!	*****		*****	*****	!*	!!!!	*!!!!	*!!!!	!*	*	*			

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NTDB id 588 KW2 RS10845 WP 051303741.1	PNLSE	LL	S	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 1128022 FGL20 RS00700 WP 003083111.1	PKLSE	LE	N	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	D	108
NTDB id 460 GPW51 RS00790 WP 011921720.1	ATVAD	L	Q	A	K	G	Y	I	T	E	K	Q	A	K	Q	Y	A	T	A	K	.....										93	
NTDB id 502 SM12261 RS00955 WP 000738641.1	ASLSKL	Q	A	D	G	R	I	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	ASLRKL	Q	A	D	G	R	I	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	ASLRKL	Q	A	D	G	R	I	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	ASLRKL	Q	A	D	G	R	I	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	ASLRKL	Q	A	D	G	R	I	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	ASLSKL	Q	A	D	G	R	I	T	E	E	Q	A	K	A	Y	N	E	Y	A	K	N	G	G	A	N	R	K	V	N	D	108	
NTDB id 431 SGO RS09410 WP 012130940.1	ATLSKL	V	A	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	ATLSKL	V	A	S	C	D	I	T	Q	E	Q	A	N	S	Y	K	D	Y	A	K	H	P	S	K	T	R	H	V	A	N	104	
NTDB id 387 SMU RS09025 WP 002263437.1	ATLSKL	V	A	S	C	D	I	T	Q	E	Q	A	N	S	Y	K	D	Y	A	K	H	P	S	K	T	R	H	V	A	N	104	
consensus		*****	!	*	*	*	!	*	*	*	!	*****	*****	*****		*****		*	*		*	*	*	*	*	*	*	*				

- non conserved
- similar
- ≥ 50% conserved