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NTDB id 1141486 DQN29 RS00670 WP 011528161.1		MINQWNNLRHKNLKGFTLLEMLLVLLV	ISVLM	LLFVPNLSKQKDRVTE	TGNA	AAVVKLVENQAELYEL	ESQG	SK	72			
NTDB id 588 KW2 RS10845 WP 051303741.1	MSKALSLV	KIHGRKL	CQKKQK	KAFTLLEMLLVLA	IISTLL	LLFVPNLIKKKAQVQKT	GEAAVVKV	VESQAQLYEL	DHDNDK	80		
NTDB id 460 GPW51 RS00790 WP 011921720.1	.....	.....	MKKLVEMKVK	GFTLVEMLVVL	GIISL	LLFVPNLSQKKDAIQKKG	DAAVVKV	VESQMELYEL	EHD.EE	68		
NTDB id 502 SM12261 RS00955 WP 000738641.1	.....	MKKMMTFL	LKKA	KVKAFTLV	EMLVVLLI	ISVLF	LLFVPNLTKQKEAVN	DKGKA	AAVVKV	VESQAELYSL	DKN.ED	72
NTDB id 272 KZH43 RS09255 WP 000738626.1	.....	MKKMMTFL	LKKA	KVKAFTLV	EMLVVLLI	ISVLF	LLFVPNLTKQKEAVN	DKGKA	AAVVKV	VESQAELYSL	EKN.ED	72
NTDB id 231 SPD RS09885 WP 000738626.1	.....	MKKMMTFL	LKKA	KVKAFTLV	EMLVVLLI	ISVLF	LLFVPNLTKQKEAVN	DKGKA	AAVVKV	VESQAELYSL	EKN.ED	72
NTDB id 197 SPR RS09420 WP 000738626.1	.....	MKKMMTFL	LKKA	KVKAFTLV	EMLVVLLI	ISVLF	LLFVPNLTKQKEAVN	DKGKA	AAVVKV	VESQAELYSL	EKN.ED	72
NTDB id 162 SP RS10370 WP 000738627.1	.....	MKKMMTFL	LKKA	KVKAFTLV	EMLVVLLI	ISVLF	LLFVPNLTKQKEAVN	DKGKA	AAVVKV	VESQAELYSL	EKN.ED	72
NTDB id 530 SMSK321 RS09230 WP 000738643.1	.....	MKKMMTFL	LKKA	KVKAFTLV	EMLVVLLI	ISVLF	LLFVPNLTKQKEAVN	DKGKA	AAVVKV	VESQAELYSL	DKN.ED	72
NTDB id 431 SGO RS09410 WP 012130940.1	.....	MNKKLKKL	R	VKAFTLV	EMLVVLLI	ISVLM	LLFVPNLTKQKEAVS	DTGNA	AAVVKV	VESQAELYEL	KNTG	69
NTDB id 396 FSA28 RS09395 WP 002263437.1	.....	MKKTKRVS	VR	AFTLLEMLVVLLI	IISTLL	LLFVPNLTKQKDKVKD	TGSA	VVKV	VESQAELYEL	NKT.DS	68	
NTDB id 387 SMU RS09025 WP 002263437.1		MKKTKRVS	VR	AFTLLEMLVVLLI	IISTLL	LLFVPNLTKQKDKVKD	TGSA	VVKV	VESQAELYEL	NKT.DS	68	
consensus		***	*	***	*****	!!!!*!!!!*	!!!!*!!!!*	!!!!*!!!!*	!!!!*!!!!*	!!!!*!!!!*	!!!!*!!!!*	****

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NTDB id 1141486 DQN29 RS00670 WP 011528161.1	P	S	L	S	Q	L	K	A	D	G	S	I	T	E	K	Q	E	K	A	Y	Q	D	Y	Y	D	K	H	K	N	E	K	A	R	L	S	N	108
NTDB id 588 KW2 RS10845 WP 051303741.1	P	N	L	S	E	L	L	S	A	G	M	I	T	K	Q	Q	V	T	A	Y	D	D	Y	Y	D	Q	N	K	N	E	Q	R	N	F	D	116	
NTDB id 460 GPW51 RS00790 WP 011921720.1	A	T	V	A	D	L	Q	A	K	G	Y	I	T	E	K	Q	A	K	Q	Y	A	T	A	K	K	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	93	
NTDB id 502 SM12261 RS00955 WP 000738641.1	A	S	L	S	K	L	Q	A	D	G	R	I	T	E	E	Q	A	K	A	Y	K	E	Y	H	A	K	Q	N	T	S	Q	T	V	A	D	107	
NTDB id 272 KZH43 RS09255 WP 000738626.1	A	S	L	R	K	L	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	A	S	L	R	K	L	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	A	S	L	R	K	L	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	A	S	L	R	K	L	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	A	S	L	S	K	L	Q	A	D	G	R	I	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	A	T	L	S	K	L	V	A	A	G	N	I	S	Q	K	Q	A	D	S	Y	K	A	Y	Y	G	K	N	N	S	E	T	Q	A	V	A	N	105
NTDB id 396 FSA28 RS09395 WP 002263437.1	A	T	L	S	K	L	V	A	S	G	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	A	T	L	S	K	L	V	A	S	G	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