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NTDB id 64647 SPYOHK RS08595 WP 002986552.1		MINQWNN	L	RHKKL	K	GFTL	L	EML	L	V	I	L	V	I	S	V	L	M	L	F	V	P	N	L	S	K	Q	K	D	R	V	T	E	T	G	N	A	A	V	V	K	L	V	E	N	Q	A	E	L	Y	E	L	S	Q	G	.	S	K	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
NTDB id 588 KW2 RS10845 WP 051303741.1		MSKALSLV	K	I	H	G	R	K	L	C	Q	K	K	Q	K	A	F	T	L	I	E	M	L	I	V	L	A	I	I	S	I	L	I	L	F	V	P	N	L	I	K	E	K	A	Q	V	Q	K	T	G	E	A	A	V	V	K	V	V	E	S	Q	A	Q	L	Y	E	L	D	H	D	N	D	K	80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
NTDB id 460 GPW51 RS00790 WP 011921720.1		MKKL	V	E	M	K	V	K	G	F	T	L	V	E	M	L	V	L	G	I	S	L	L	L	L	L	F	V	P	N	L	S	Q	K	D	A	I	Q	K	K	G	D	A	A	V	V	K	V	E	S	Q	M	E	L	Y	E	L	H	D	.	E	F	68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
NTDB id 502 SM12261 RS00955 WP 000738641.1		MKKMM	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	L	L	I	I	S	V	L	F	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	V	K	V	E	S	Q	A	E	L	Y	S	L	D	K	N	.	E	D	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
NTDB id 272 KZH43 RS09255 WP 000738626.1		MKKMM	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	L	L	I	I	S	V	L	F	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	V	K	V	E	S	Q	A	E	L	Y	S	L	E	K	N	.	E	D	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
NTDB id 231 SPD RS09885 WP 000738626.1		MKKMM	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	L	L	I	I	S	V	L	F	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	V	K	V	E	S	Q	A	E	L	Y	S	L	E	K	N	.	E	D	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
NTDB id 197 SPR RS09420 WP 000738626.1		MKKMM	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	L	L	I	I	S	V	L	F	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	V	K	V	E	S	Q	A	E	L	Y	S	L	E	K	N	.	E	D	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
NTDB id 162 SP RS10370 WP 000738627.1		MKKMM	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	L	L	I	I	S	V	L	F	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	V	K	V	E	S	Q	A	E	L	Y	S	L	E	K	N	.	E	D	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
NTDB id 530 SMSK321 RS09230 WP 000738643.1		MKKMM	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	L	L	I	I	S	V	L	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	V	K	V	E	S	Q	A	E	L	Y	S	L	D	K	N	.	E	D	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
NTDB id 431 SGO RS09410 WP 012130940.1		MNKL	K	K	L	R	V	K	A	F	T	L	V	E	M	L	V	L	L	I	I	S	V	L	M	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	S	D	T	G	N	A	A	V	V	K	V	E	S	Q	A	E	L	Y	E	L	K	N	T	G	D	Q	69																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
NTDB id 396 FSA28 RS09395 WP 002263437.1		MKK	I	K	R	V	S	V	R	A	F	T	L	I	E	M	L	V	L	L	I	I	S	I	L	L	L	L	F	V	P	N	L	T	K	Q	K	D	K	V	K	D	T	G	G	S	A	V	V	K	V	E	S	Q	A	E	L	Y	E	L	N	K	T	.	D	S	68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
NTDB id 387 SMU RS09025 WP 002263437.1		MKK	I	K	R	V	S	V	R	A	F	T	L	I	E	M	L	V	L	L	I	I	S	I	L	L	L	L	F	V	P	N	L	T	K	Q	K	D	K	V	K	D	T	G	G	S	A	V	V	K	V	E	S	Q	A	E	L	Y	E	L	N	K	T	.	D	S	68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
consensus		**	*	**	*	**	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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NTDB id 64647 SPYOHK RS08595 WP 002986552.1	PSLSQ	LKADGS	ITEK	QEKAY	Q	DYYD	KHKNE	KAR	L	SN	108	
NTDB id 588 KW2 RS10845 WP 051303741.1	PNLSELL	SAGMIT	QKQVT	AYD	DYYD	QNKNE	Q	RNFDD			116	
NTDB id 460 GPW51 RS00790 WP 011921720.1	ATVAD	LQAKGY	ITEK	QAKQY	ATAK						93	
NTDB id 502 SM12261 RS00955 WP 000738641.1	ASLSKL	QADGR	ITEE	QAKAY	K	EYHAK	QNTS	QTVAD			107	
NTDB id 272 KZH43 RS09255 WP 000738626.1	ASLRKL	QADGR	ITEE	QAKAY	K	EYHD	KN	GGAN	RK	VND	108	
NTDB id 231 SPD RS09885 WP 000738626.1	ASLRKL	QADGR	ITEE	QAKAY	K	EYHD	KN	GGAN	RK	VND	108	
NTDB id 197 SPR RS09420 WP 000738626.1	ASLRKL	QADGR	ITEE	QAKAY	K	EYHD	KN	GGAN	RK	VND	108	
NTDB id 162 SP RS10370 WP 000738627.1	ASLRKL	QADGR	ITEE	QAKAY	K	EYND	KN	GGAN	RK	VND	108	
NTDB id 530 SMSK321 RS09230 WP 000738643.1	ASLSKL	QADGR	ITEE	QAKAY	N	EY	YAK	KN	GGAN	RK	VND	108
NTDB id 431 SGO RS09410 WP 012130940.1	ATLSKL	V	AAGN	IS	QKQAD	SYK	AYY	G	KNN	SET	QAVAN	105
NTDB id 396 FSA28 RS09395 WP 002263437.1	ATLSKL	V	ASGD	IT	QEQAN	SYK	DY	YAK	HPSKT	R	HVAN	104
NTDB id 387 SMU RS09025 WP 002263437.1	ATLSKL	V	ASGD	IT	QEQAN	SYK	DY	YAK	HPSKT	R	HVAN	104
consensus	*****	!!!!!!	!!!!!!	!!!!!!	!!!!!!	!!!!!!	****	****	****	****	****	

- X non conserved
- X similar
- X ≥ 50% conserved