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NTDB id 371860 FNL90 RS00665 WP 012560386.1		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		MKKLV	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	E	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 371860 FNL90 RS00665 WP 012560386.1	PSLSEL	KADGS	ITEK	QEKAY	QDY	YDK	HKNEKAR	LSN	108
NTDB id 588 KW2 RS10845 WP 051303741.1	PNLSELL	SAGMIT	QKQVT	AYDD	YDQ	NKNEQ	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	ITEEQ	AKAYK	EYHAK	QNTS	QTVAD		107
NTDB id 272 KZH43 RS09255 WP 000738626.1	ASLRKL	QADGR	ITEEQ	AKAYK	EYHDK	KNGGAN	RKVND		108
NTDB id 231 SPD RS09885 WP 000738626.1	ASLRKL	QADGR	ITEEQ	AKAYK	EYHDK	KNGGAN	RKVND		108
NTDB id 197 SPR RS09420 WP 000738626.1	ASLRKL	QADGR	ITEEQ	AKAYK	EYHDK	KNGGAN	RKVND		108
NTDB id 162 SP RS10370 WP 000738627.1	ASLRKL	QADGR	ITEEQ	AKAYK	EYND	KNGGAN	RKVND		108
NTDB id 530 SMSK321 RS09230 WP 000738643.1	ASLSKL	QADGR	ITEEQ	AKAYN	EY	YAK	KNGGAN	RKVND	108
NTDB id 431 SGO RS09410 WP 012130940.1	ATLSKL	VAGN	ISQK	QADS	SYK	AYYG	KNNSET	QAVAN	105
NTDB id 396 FSA28 RS09395 WP 002263437.1	ATLSKL	VASGD	ITQEQ	ANSYK	DY	YAK	HPSKTR	RHVAN	104
NTDB id 387 SMU RS09025 WP 002263437.1	ATLSKL	VASGD	ITQEQ	ANSYK	DY	YAK	HPSKTR	RHVAN	104
consensus	*****	!!!!!!	!!!!!!	!!!!!!	!!!!!!	!!!!!!	!!!!!!	!!!!!!	!!!!!!

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