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NTDB id 98 BSU 24710 NP 390351.1	MNEK	GFTL	VEM	LVLFI	IIS	L	L	L	L	L	T	PNV	TKHN	QNTI	QK	KG	CE	GL	QNM	VKA	QMTA	FEL	D	HEG	QT	63																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
NTDB id 1110895 HQV14 RS07670 WP 000472256.1		MF	KF	..	LK	K	T	Q	A	F	T	L	E	M	L	V	L	L	I	I	S	L	L	L	L	I	L	I	P	N	I	A	K	Q	T	A	H	I	Q	S	T	G	C	N	A	Q	V	K	M	V	N	S	Q	I	E	A	Y	A	L	K	H	N	R	N	P	68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB id 32 MW RS07995 WP 000472256.1		MF	KF	..	LK	K	T	Q	A	F	T	L	E	M	L	V	L	L	I	I	S	L	L	L	L	I	L	I	P	N	I	A	K	Q	T	A	H	I	Q	S	T	G	C	N	A	Q	V	K	M	V	N	S	Q	I	E	A	Y	A	L	K	H	N	R	N	P	68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB id 16 SA RS07765 WP 000472256.1		MF	KF	..	LK	K	T	Q	A	F	T	L	E	M	L	V	L	L	I	I	S	L	L	L	L	I	L	I	P	N	I	A	K	Q	T	A	H	I	Q	S	T	G	C	N	A	Q	V	K	M	V	N	S	Q	I	E	A	Y	A	L	K	H	N	R	N	P	68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB id 588 KW2 RS10845 WP 051303741.1	MSKAL	SLV	KI	HGR	K	L	C	Q	K	K	Q	K	A	F	T	L	E	M	L	V	L	A	I	I	S	L	I	L	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		M	K	K	L	V	E	M	K	V	K	G	F	T	L	V	E	M	L	V	L	G	I	I	S	L	L	L	L	F	V	P	N	L	S	Q	Q	K	D	A	I	Q	K	G	D	A	A	V	V	K	V	V	E	S	Q	M	E	L	Y	E	L	E	H	D	E	.E	68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
NTDB id 431 SGO RS09410 WP 012130940.1		M	N	K	L	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	V	E	S	Q	A	E	L	Y	E	L	K	N	T	G	D	Q	69																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
NTDB id 502 SM12261 RS00955 WP 000738641.1		M	K	K	M	T	F	L	K	K	A	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	V	E	S	Q	A	E	L	Y	S	L	D	K	N	E	.D	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
NTDB id 162 SP RS10370 WP 000738627.1		M	K	K	M	T	F	L	K	K	A	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	V	E	S	Q	A	E	L	Y	S	L	E	K	N	E	.D	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
NTDB id 272 KZH43 RS09255 WP 000738626.1		M	K	K	M	T	F	L	K	K	A	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	V	E	S	Q	A	E	L	Y	S	L	E	K	N	E	.D	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
NTDB id 231 SPD RS09885 WP 000738626.1		M	K	K	M	T	F	L	K	K	A	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	V	E	S	Q	A	E	L	Y	S	L	E	K	N	E	.D	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
NTDB id 197 SPR RS09420 WP 000738626.1		M	K	K	M	T	F	L	K	K	A	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	V	E	S	Q	A	E	L	Y	S	L	E	K	N	E	.D	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
NTDB id 530 SMSK321 RS09230 WP 000738643.1		M	K	K	M	T	F	L	K	K	A	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	V	E	S	Q	A	E	L	Y	S	L	D	K	N	E	.D	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
consensus					*	*			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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NTDB id 98 BSU 24710 NP 390351.1	PSLADLQSEGYVKKDAV.CPNGKRIIITGCEVVKVEH	98
NTDB id 1110895 HQV14 RS07670 WP 000472256.1	SSIEDLIADGFIKEAQKTCKSGETITISNCEA.VAN	103
NTDB id 32 MW RS07995 WP 000472256.1	SSIEDLIADGFIKEAQKTCKSGETITISNCEA.VAN	103
NTDB id 16 SA RS07765 WP 000472256.1	SSIEDLIADGFIKEAQKTCKSGETITISNCEA.VAN	103
NTDB id 588 KW2 RS10845 WP 051303741.1	PNLSELLSAGMITQKQVTAYDDYYDQNKNEQRNFDD	116
NTDB id 460 GPW51 RS00790 WP 011921720.1	ATVADLQAKGYITEKQAKQYATAKK.....	93
NTDB id 431 SGO RS09410 WP 012130940.1	ATLSKLVAAGNISQKQADSYKAYYGKNNSSETQAVAN	105
NTDB id 502 SM12261 RS00955 WP 000738641.1	ASLSKLQADGRITEEQAKAYKEYHAKQNTSQTIVAD.	107
NTDB id 162 SP RS10370 WP 000738627.1	ASLRKLQADGRITEEQAKAYKEYNDKNGGANRKVND	108
NTDB id 272 KZH43 RS09255 WP 000738626.1	ASLRKLQADGRITEEQAKAYKEYHDKNGGANRKVND	108
NTDB id 231 SPD RS09885 WP 000738626.1	ASLRKLQADGRITEEQAKAYKEYHDKNGGANRKVND	108
NTDB id 197 SPR RS09420 WP 000738626.1	ASLRKLQADGRITEEQAKAYKEYHDKNGGANRKVND	108
NTDB id 530 SMSK321 RS09230 WP 000738643.1	ASLSKLQADGRITEEQAKAYKEYYAKNGGANRKVND	108
consensus	*** !***! *** * * * *	

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