

[illegible]

NTDB id 587 KW2 RS10850 WP 042211510.1	SKNVVTQLALVEVHGNTQKSL	TMQLVELHLKKQLKVKKKLIEVATYP	VVLLVFLIGIMWGLKNYLLPQLDKGN	NFATLLTNHLP	VF	163	
NTDB id 395 FSA28 RS09400 WP 257638827.1	SDDVVTQLALSEVHGNTQKSL	LKIESYLNLLILVKKKLVEVITYP	IILLIFLVVIMLGLKNYLLPQL	EKG	NFATRLISNFPILF	165	
NTDB id 386 SMU RS09030 WP 255262721.1	SDDVVTQLALSEVHGNTQKSL	LKIESYLNLLILVKKKLVEVITYP	IILLIFLVVIMLGLKNYLLPQL	ERG	NFATRLISNFPILF	165	
NTDB id 49667 SSU12 RS00785 WP 011921719.1	SDAVVTQVALAEVHGNTSLSL	HIQSYLENVS	KVRKKLIEVATYP	IILLGFLLLIMLGLKNYLLPQL	EEG	NAATVLTNHLPTIF	169
NTDB id 430 SGO RS09415 WP 012130941.1	SDAVVTQLSLAEVHGNTSL	LALLKIEEYLDNLAKVKKLIEVATYP	MMLLGLFLVIMTGLRNYLLPQL	SSQ	NFATQLIGHLPTIF	166	
NTDB id 271 KZH43 RS09260 WP 074196785.1	SSAIVTQLSLAEVHGNTLHLS	LGKIEEYLDNLAKVKKLIEVATYP	LILLGFLLLIMLGLRNYLLPQL	DSS	NIATQIIGNLPQIF	160	
NTDB id 230 SPD RS09890 WP 074196785.1	SSAIVTQLSLAEVHGNTLHLS	LGKIEEYLDNLAKVKKLIEVATYP	LILLGFLLLIMLGLRNYLLPQL	DSS	NIATQIIGNLPQIF	160	
NTDB id 196 SPR RS09425 WP 074196785.1	SSAIVTQLSLAEVHGNTLHLS	LGKIEEYLDNLAKVKKLIEVATYP	LILLGFLLLIMLGLRNYLLPQL	DSS	NIATQIIGNLPQIF	160	
NTDB id 161 SP RS10375 WP 074196785.1	SSAIVTQLSLAEVHGNTLHLS	LGKIEEYLDNLAKVKKLIEVATYP	LILLGFLLLIMLGLRNYLLPQL	DSS	NIATQIIGNLPQIF	160	
NTDB id 529 SMSK321 RS09235 WP 080550783.1	SSAIVTQLSLAEVHGNTLHLS	LGKIEEYLDNLAKVKKLIEVATYP	LILLGFLLSIMLGLRNYLLPQL	DSS	NIATQIIGNLPQIF	160	
NTDB id 501 SM12261 RS00950 WP 004238896.1	SSAIVTQLSLAEVHGNTLHLS	LGKIEEYLDNLAKVKKLIEVATYP	LILLGFLLLIMLGLRNYLLPQL	DSS	NIATQIIGNLPQIF	160	
consensus	*****	*****	*****	*****	*****		

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NTDB id 395 FSA28 RS09400 WP 257638827.1	L	L	G	C	C	F	F	I	L	L	V	G	I	F	T	F	F	S	R	K	I	S	R	L	H	L	I	G	F	C	S	H	L	P	F	V	G	K	Y	L	Q	L	Y	L	T	A	Y	Y	A	R	E	W	G	N	L	I	G	Q	G	V	E	M	A	Q	I	V	R	L	M	Q	D	Q	K	S	Q	L	F	R	E	I	C	Y	D	M	E
NTDB id 386 SMU RS09030 WP 255262721.1	L	L	G	C	C	F	F	I	L	L	V	G	I	F	T	F	F	S	R	K	I	S	R	L	H	L	I	G	F	C	S	H	L	P	F	A	G	K	Y	L	Q	L	Y	L	T	A	Y	Y	A	R	E	W	G	N	L	I	G	Q	G	V	E	M	A	Q	I	V	R	L	M	Q	D	Q	K	S	Q	L	F	R	E	I	C	Y	D	M	E
NTDB id 49667 SSU12 RS00785 WP 011927179.1	L	S	L	S	G	L	S	L	V	A	V	L	A	G	M	V	W	F	R	K	T	N	K	I	K	V	F	S	C	L	A	A	L	P	F	F	G	K	L	I	Q	T	Y	L	T	A	Y	Y	A	R	E	W	G	S	L	I	G	Q	L	D	L	P	Q	I	V	L	M	Q	E	Q	Q	S	Q	L	F	R	E	I	G	Q	D	L	E		
NTDB id 430 SGO RS09415 WP 012130941.1	L	T	L	V	M	L	L	G	L	T	G	A	I	Y	L	F	G	K	G	K	R	I	P	V	S	F	L	A	R	L	P	F	V	G	S	F	V	R	I	Y	L	T	A	Y	Y	A	R	E	W	G	N	M	I	G	Q	L	S	Q	I	F	I	M	Q	E	Q	S	V	L	F	Q	E	I	G	Q	D	L	E								
NTDB id 271 KZH43 RS09260 WP 074196785.1	L	G	M	V	G	L	V	S	V	L	A	L	L	A	L	T	F	Y	K	R	S	S	K	M	S	V	S	I	L	A	R	L	P	F	I	G	I	F	V	Q	T	Y	L	T	A	Y	Y	A	R	E	W	G	N	M	I	S	Q	G	M	E	L	T	Q	I	F	Q	M	M	Q	E	Q	S	Q	L	F	K	E	V	G	Q	D	L	A		
NTDB id 230 SPD RS09890 WP 074196785.1	L	G	M	V	G	L	V	S	V	L	A	L	L	A	L	T	F	Y	K	R	S	S	K	M	S	V	S	I	L	A	R	L	P	F	I	G	I	F	V	Q	T	Y	L	T	A	Y	Y	A	R	E	W	G	N	M	I	S	Q	G	M	E	L	T	Q	I	F	Q	M	M	Q	E	Q	S	Q	L	F	K	E	V	G	Q	D	L	A		
NTDB id 196 SPR RS09425 WP 074196785.1	L	G	M	V	G	L	V	S	V	L	A	L	L	A	L	T	F	Y	K	R	S	S	K	M	S	V	S	I	L	A	R	L	P	F	I	G	I	F	V	Q	T	Y	L	T	A	Y	Y	A	R	E	W	G	N	M	I	S	Q	G	M	E	L	T	Q	I	F	Q	M	M	Q	E	Q	S	Q	L	F	K	E	V	G	Q	D	L	A		
NTDB id 161 SP RS10375 WP 074196785.1	L	G	M	V	G	L	V	S	V	L	A	L	L	A	L	T	F	Y	K	R	S	S	K	M	S	V	S	I	L	A	R	L	P	F	I	G	I	F	V	Q	T	Y	L	T	A	Y	Y	A	R	E	W	G	N	M	I	S	Q	G	M	E	L																								

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NTDB id 230 SPD RS09890 WP 074196785.1
NTDB id 196 SPR RS09425 WP 074196785.1
NTDB id 161 SP RS10375 WP 074196785.1
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- X non conserved
- X similar
- X $\geq 50\%$ conserved