

[illegible]

NTDB id 587 KW2 RS10850 WP 042211510.1	SKNVVTQLALVEVHGNTQKSL	TMQLVELHLKKQLKVKKKLIEVATYPVVLLVFLIGIMWGLKNYLLPQLDKGNMFATLLINHLPLVF	163
NTDB id 395 FSA28 RS09400 WP 257638827.1	SDDVVTQLALSEVHGNTQKSL	LKIESYLNLIIVKKKLVEVITYPITILLIFLVVIMLGLKNYLLPQLDKG.NFATRLISNFPILF	165
NTDB id 386 SMU RS09030 WP 255262721.1	SDDVVTQLALSEVHGNTQKSL	LKIESYLNLIIVKKKLVEVITYPITILLIFLVVIMLGLKNYLLPQLDKG.NFATRLISNFPILF	165
NTDB id 34596 SSU RS00785 WP 011921719.1	SDAVVTQVALAEVHGNTSLSL	HIQSYLENVSKVRKKLIEVATYPITLLGFLLLIMLGLKNYLLPQLDKG.NAATVLIINHLPITIF	169
NTDB id 430 SGO RS09415 WP 012130941.1	SDAVVTQLSLAEVHGNTSLSL	LKIEEYLDNAKVKKKLIEVATYPIMLLGLFLIMIGLRNYLLPQLDSSQ.NFATRLIGHLPITIF	166
NTDB id 271 KZH43 RS09260 WP 074196785.1	SSAIVTQLSLAEVHGNTLHLSL	GKIEEYLDNAKVKKKLIEVATYPLILLGFLLLIMLGLRNYLLPQLDSS.NIATQIIGNLPQIF	160
NTDB id 230 SPD RS09890 WP 074196785.1	SSAIVTQLSLAEVHGNTLHLSL	GKIEEYLDNAKVKKKLIEVATYPLILLGFLLLIMLGLRNYLLPQLDSS.NIATQIIGNLPQIF	160
NTDB id 196 SPR RS09425 WP 074196785.1	SSAIVTQLSLAEVHGNTLHLSL	GKIEEYLDNAKVKKKLIEVATYPLILLGFLLLIMLGLRNYLLPQLDSS.NIATQIIGNLPQIF	160
NTDB id 161 SP RS10375 WP 074196785.1	SSAIVTQLSLAEVHGNTLHLSL	GKIEEYLDNAKVKKKLIEVATYPLILLGFLLLIMLGLRNYLLPQLDSS.NIATQIIGNLPQIF	160
NTDB id 529 SMSK321 RS09235 WP 080550783.1	SSAIVTQLSLAEVHGNTLHLSL	GKIEEYLDNAKVKKKLIEVATYPLILLGFLLLIMLGLRNYLLPQLDSS.NIATQIIGNLPQIF	160
NTDB id 501 SM12261 RS00950 WP 004238896.1	SSAIVTQLSLAEVHGNTLHLSL	GKIEEYLDNAKVKKKLIEVATYPLILLGFLLLIMLGLRNYLLPQLDSS.NIATQIIGNLPQIF	160
consensus			

NTDB	id	587	KW2	RS10850	WP	042211510.1	F	S	V	G	A	L	I	V	L	L	T	S	L	S	I	I	F	K	H	I	S	A	L	T	N	F	T	F	L	V	K	V	P	L	V	S	S	F	I	R	L	Y	L	T	A	Y	F	S	R	E	W	G	N	L	I	A	Q	G	V	E	L	R	Q	I	I	E	L	M	K	K	Q	K	S	R	I	F	A	E	V	G	I	K	L	D	248	
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	G	Y	D	M	E	250
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	G	Y	D	M	E	250
NTDB	id	34596	SSU	RS00785	WP	011921719.1	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	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	C	L	D	L	P	Q	I	V	G	L	M	Q	E	Q	Q	S	Q	L	F	R	E	I	G	Q	D	L	E	254	
NTDB	id	430	SGO	RS09415	WP	012130941.1	L	L	T	V	L	M	L	L	G	L	T	G	A	I	Y	L	V	F	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	G	L	S	Q	I	F	Q	I	M	Q	E	Q	S	V	L	F	Q	E	I	G	Q	D	L	E	251					
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	F	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	Q	E	Q	S	Q	L	F	K	E	V	G	Q	D	L	A	245		
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	F	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	Q	E	Q	S	Q	L	F	K	E	V	G	Q	D	L	A	245		
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	F	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	Q	E	Q	S	Q	L	F	K	E	V	G	Q	D	L	A	245		
NTDB	id	161	SP	RS10375	WP	07419																																																																																						

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NTDB id 196 SPR RS09425 WP 074196785.1
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consensus

- X non conserved
- X similar
- X $\geq 50\%$ conserved