

[illegible][illegible]

VGLVSVL	L	A	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	F	V	Q	T	Y	L	T	A	Y	A	R	E	W	G	N	M	I	S	Q	G	M	E	L	T	Q	I	F	Q	M	M	E	Q	G	S	Q	L	F	K	E	I	G	Q	D	L	A	Q	T	L									
C	C	F	F	I	L	L	T	S	I	F	F	F	R	K	I	S	R	L	H	I	G	F	C	S	R	L	S	K	Y	R	L	T	A	Y	A	R	E	W	G	N	M	I	S	Q	G	M	E	L	T	Q	I	F	Q	M	M	E	Q	G	S	Q	L	F	K	E	I	G	Q	D	L	A	Q	T	L											
G	A	L	I	V	L	L	T	S	I	S	I	I	F	K	H	I	S	A	L	I	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	F	Q	M	M	K	K	Q	S	R	I	F	A	E	V	G	I	K	L	D	L	G	L		251
C	C	F	F	I	L	L	V	G	I	F	T	F	F	S	R	K	I	S	R	L	H	I	G	F	C	S	H	L	P	F	I	G	F	V	Q	T	Y	L	T	A	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	K	E	I	G	Y	D	M	E	K	A	L		253	
C	C	F	F	I	L	L	V	G	I	F	T	F	F	S	R	K	I	S	R	L	H	I	G	F	C	S	H	L	P	F	I	G	F	V	Q	T	Y	L	T	A	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	K	E	I	G	Y	D	M	E	K	A	L		253	
V	L	M	L	G	L	T	G	A	I	Y	L	V	F	K	G	Q	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	A	R	E	W	G	N	M	I	G	Q	G	L	E	L	S	Q	I	F	Q	M	M	E	Q	R	S	V	L	F	Q	E	I	G	Q	D	I	G	Q	A	L		254		
V	G	L	V	S	V	L	A	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	F	V	Q	T	Y	L	T	A	Y	A	R	E	W	G	N	M	I	S	Q	G	M	E	L	T	Q	I	F	Q	M	M	E	Q	G	S	Q	L	F	K	E	I	G	Q	D	L	A	Q	T	L		248		
V	G	L	V	S	V	L	A	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	F	V	Q	T	Y	L	T	A	Y	A	R	E	W	G	N	M	I	S	Q	G	M	E	L	T	Q	I	F	Q	M	M	E	Q	G	S	Q	L	F	K	E	V	G	Q	D	L	A	Q	T	L		248		
V	G	L	V	S	V	L	A	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	F	V	Q	T	Y	L	T	A	Y	A	R	E	W	G	N	M	I	S	Q	G	M	E	L	T	Q	I	F	Q	M	M	E	Q	G	S	Q	L	F	K	E	V	G	Q	D	L	A	Q	T	L		248		
V	G	L	V	S	V	L	A	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	F	V	Q	T	Y	L	T	A	Y	A	R	E	W	G	N</																																					

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NTDB id 587 KW2 RS10850 WP 042211510.1	MGSGI	341
NTDB id 395 FSA28 RS09400 WP 257638827.1	MEVNL	343
NTDB id 386 SMU RS09030 WP 255262721.1	MEVNL	343
NTDB id 430 SGO RS09415 WP 012130941.1	MEVHL	344
NTDB id 95238 QML87 RS09240 WP 078102766.1	MEVNF	338
NTDB id 271 KZH43 RS09260 WP 074196785.1	MEVNF	338
NTDB id 230 SPD RS09890 WP 074196785.1	MEVNF	338
NTDB id 196 SPR RS09425 WP 074196785.1	MEVNF	338
NTDB id 161 SP RS10375 WP 074196785.1	MEVNF	338
NTDB id 529 SMSK321 RS09235 WP 080550783.1	MEVNF	338
NTDB id 501 SM12261 RS00950 WP 004238896.1	MEVNF	338
consensus	!****	

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