

[illegible]

NTDB id	587	KW2 RS10850 WP	042211510.1
NTDB id	395	FSA28 RS09400 WP	257638827.1
NTDB id	386	SMU RS09030 WP	255262721.1
NTDB id	257590	CWI26 RS00815 WP	233486262.1
NTDB id	430	SGO RS09415 WP	012130941.1
NTDB id	271	KZH43 RS09260 WP	074196785.1
NTDB id	230	SPD RS09890 WP	074196785.1
NTDB id	196	SPR RS09425 WP	074196785.1
NTDB id	161	SP RS10375 WP	074196785.1
NTDB id	529	SMSK321 RS09235 WP	080550783.1
NTDB id	501	SM12261 RS00950 WP	004238896.1
consensus			

NTDB	id	587	KW2	RS10850	WP	042211510.1	L	L	I	N	H	L	P	L	V	F	S	V	G	A	L	I	V	L	T	S	L	S	I	I	F	K	H	I	S	A	L	T	N	F	T	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	E	L	M	K	233					
NTDB	id	395	FSA28	RS09400	WP	257638827.1	R	L	I	S	N	F	P	I	L	F	L	G	C	C	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	235		
NTDB	id	386	SMU	RS09030	WP	255262721.1	R	L	I	S	N	F	P	I	L	F	L	G	C	C	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	235		
NTDB	id	257590	CWI26	RS00815	WP	233486262.1	M	L	I	N	H	L	P	T	I	F	L	S	L	C	G	L	S	L	V	A	V	L	A	G	M	V	W	F	R	K	T	N	K	I	K	V	F	S	R	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	G	L	D	L	P	Q	I	V	G	L	M	Q	239
NTDB	id	430	SGO	RS09415	WP	012130941.1	Q	L	I	G	H	L	P	T	I	F	L	T	V	L	M	L	G	L	T	G	A	I	Y	L	V	F	K	G	K	R	I	P	V	S	F	S	I	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	236					
NTDB	id	271	KZH43	RS09260	WP	074196785.1	Q	I	G	N	L	P	Q	I	F	L	G	M	V	G	L	V	S	V	L	A	L	A	L	T	F	Y	K	R	S	K	M	S	V	F	S	I	A	R	L	P	F	I	G	I	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	I	M	Q	230					
NTDB	id	230	SPD	RS09890	WP	074196785.1	Q	I	G	N	L	P	Q	I	F	L	G	M	V	G	L	V	S	V	L	A	L	A	L	T	F	Y	K	R	S	K	M	S	V	F	S	I	A	R	L	P	F	I	G	I	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	I	M	Q	230					
NTDB	id	196	SPR	RS09425	WP	074196785.1	Q	I	G	N	L	P	Q	I	F	L	G	M	V	G	L	V	S	V	L	A	L	A	L	T	F	Y	K	R	S	K	M	S	V	F	S	I	A	R	L	P	F	I	G	I	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	I	M	Q	230					
NTDB	id	161	SP	RS10375	WP	074196785.1	Q	I	G	N	L	P	Q	I	F	L	G	M	V	G	L	V	S	V	L	A	L	A	L	T	F	Y	K	R	S	K	M	S	V	F	S	I	A	R	L	P	F	I	G	I	V	Q	T	Y	L	T	A	Y	Y	A	R	E</																									

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