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[illegible]

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NTDB	id	617	LCA	RS06480	WP	011375001.1	LQLAD	QTIY	LRLA	TVGDF	FLNR	ESLVIR	FT	YPIGA	IYH	CDD	Q	QIL	LA	LTQMS	RQS	GLI	LFAGPT	GSGKTT	SLYHL	LAQSM	158																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
NTDB	id	586	KW2	RS10855	WP	011836048.1	YEL	EGSS	AKRL	LRLST	VGD	FE	GN	ESLVIR	LLHD	QK	Q	LE	F	WFD	DK	.	LQDF	CR	KGLY	LFAGP	VGS	GKTS	LM	F	DLA	H	RHF	155																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
NTDB	id	584	DLJ51	RS00890	WP	019777327.1	YAF	ADGETA	AAL	RLST	VGDY	QGR	ESLVIR	LLF	DR	KRL	E	K	F	WFN	.	GL	NAL	LP	KI	IGR	GLY	LF	SGP	VGS	GKTT	LM	Y	SLVR	KY	159																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
NTDB	id	385	SMU	RS09035	WP	002263435.1	YSY	DEG	KV	ISL	RLS	VGDY	RGY	ESLVIR	LLF	SGR	HDL	K	F	WFN	.	SMD	L	IL	NEI	K	GR	GLY	LF	SGP	VGS	GKTT	LM	Y	Q	LV	KLRF	157																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
NTDB	id	394	FSA28	RS09405	WP	002291652.1	YSY	DEG	KV	ISL	RLS	VGDY	RGY	ESLVIR	LLF	SGR	HDL	K	F	WFN	.	SMD	L	IL	NEI	K	GR	GLY	LF	SGP	VGS	GKTT	LM	Y	Q	LV	KLRF	157																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
NTDB	id	429	SGO	RS09420	WP	012130942.1	YRY	DD	.	K	ET	S	I	RLST	VGDY	RGY	ESLVIR	LLH	D	E	E	T	E	L	K	F	WFT	.	HF	P	E	L	R	E	K	F	K	D	R	GLY	LF	SGP	VGS	GKTT	LM	H	Q	L	A	Q	L	K	F	156																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
NTDB	id	500	SM12261	RS00945	WP	000249545.1	Y	E	Y	D	D	.	K	M	A	S	L	R	L	S	T	V	G	D	Y	R	G	H	E	S	L	V	I	R	L	L	H	D	E	E	Q	D	L	H	F	W	F	Q	.	D	I	E	E	L	G	K	Q	Y	R	Q	R	G	L	Y	L	F	A	G	P	V	G	S	G	K	T	T	L	M	H	E	L	S	K	S	L	F	156																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB	id	57975	SPN994039	RS09895	WP	000249552.1	Y	A	Y	D	D	.	K	M	A	S	L	R	L	S	T	V	G	D	Y	R	G	H	E	S	L	V	I	R	L	L	H	D	E	E	Q	D	L	H	F	W	F	Q	.	D	I	E	E	L	G	K	Q	Y	R	Q	R	G	L	Y	L	F	A	G	P	V	G	S	G	K	T	T	L	M	H	E	L	S	K	S	L	F	156																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB	id	270	KZH43	RS09265	WP	000249564.1	Y	A	Y	D	D	.	K	M	A	S	L	R	L	S	T	V	G	D	Y	R	G	H	E	S	L	V	I	R	L	L	H	D	E	E	Q	D	L	H	F	W	F	Q	.	D	I	E	E	L	G	K	Q	Y	R	Q	R	G	L	Y	L	F	A	G	P	V	G	S	G	K	T	T	L	M	H	E	L	S	K	S	L	F	156																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB	id	229	SPD	RS09895	WP	000249564.1	Y	A	Y	D	D	.	K	M	A	S	L	R	L	S	T	V	G	D	Y	R	G	H	E	S	L	V	I	R	L	L	H	D	E	E	Q	D	L	H	F	W	F	Q	.	D	I	E	E	L	G	K	Q	Y	R	Q	R	G	L	Y	L	F	A	G	P	V	G	S	G	K	T	T	L	M	H	E	L	S	K	S	L	F	156																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB	id	195	SPR	RS09430	WP	000249564.1	Y	A	Y	D	D	.	K	M	A	S	L	R	L	S	T	V	G	D	Y	R	G	H	E	S	L	V	I	R	L	L	H	D	E	E	Q	D	L	H	F	W	F	Q	.	D	I	E	E	L	G	K	Q	Y	R	Q	R	G	L	Y	L	F	A	G	P	V	G	S	G	K	T	T	L	M	H	E	L	S	K	S	L	F	156																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB	id	160	SP	RS10380	WP	000249564.1	Y	A	Y	D	D	.	K	M	A	S	L	R	L	S	T	V	G	D	Y	R	G	H	E	S	L	V	I	R	L	L	H	D	E	E	Q	D	L	H	F	W	F	Q	.	D	I	E	E	L	G	K	Q	Y	R	Q	R	G	L	Y	L	F	A	G	P	V	G	S	G	K	T	T	L	M	H	E	L	S	K	S	L	F	156																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
consensus							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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NTDB id 617	LCA RS06480 WP 011375001.1	S	A	K	M	V	V	A	I	E	D	P	T	E	I	V	A	P	E	F	L	Q	L	Q	V	N	D	N	A	G	L	S	Y	A	E	L	L	K	I	S	L	R	L	R	P	D	T	L	I	G	E	I	R	D	L	E	T	A	Q	Y	V	V	S	A	A	L	S	G	H	L	V	L	S	T	I	H	A	R	S	T	238	
NTDB id 586	KW2 RS10855 WP 011836048.1	S	N	A	Q	V	I	T	I	E	P	V	E	L	I	D	S	D	F	T	I	Q	L	Q	V	N	D	V	I	G	N	S	Y	D	E	L	I	K	L	S	L	R	H	R	P	D	L	L	I	V	G	E	I	R	D	Q	T	A	R	A	V	I	R	A	S	L	T	G	Y	T	V	F	S	T	I	H	A	A	S	V	235	
NTDB id 584	DLJ51 RS00890 WP 019777327.1	P	D	S	Q	I	T	I	E	D	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	P	S	I	G	M	T	Y	D	N	L	I	K	L	S	L	R	H	R	P	D	V	L	I	G	E	I	R	D	K	E	T	A	Q	A	V	I	R	A	S	L	T	G	I	R	V	F	S	T	I	H	A	K	S	I	239		
NTDB id 385	SMU RS09035 WP 002263435.1	E	T	K	Q	V	I	T	I	E	D	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	E	S	I	D	M	T	Y	D	N	L	I	K	L	S	L	R	H	R	P	D	L	I	I	G	E	I	R	D	K	E	T	A	R	A	V	I	R	A	S	L	T	G	A	M	V	F	S	T	I	H	A	K	S	I	237	
NTDB id 394	FSA28 RS09405 WP 002291652.1	E	T	K	Q	V	I	T	I	E	D	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	E	S	I	D	M	T	Y	D	N	L	I	K	L	S	L	R	H	R	P	D	L	I	I	G	E	I	R	D	K	E	T	A	R	A	V	I	R	A	S	L	T	G	A	M	V	F	S	T	I	H	A	K	S	I	237	
NTDB id 429	SGO RS09420 WP 012130942.1	K	G	Q	Q	V	M	S	I	E	D	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	E	T	I	G	L	T	Y	E	S	L	I	K	L	S	L	R	H	R	P	D	L	L	I	I	G	E	I	R	D	S	E	T	A	R	A	V	V	R	A	S	L	T	G	A	T	V	F	S	T	I	H	A	K	S	I	236
NTDB id 500	SM12261 RS00945 WP 000249545.1	K	G	Q	Q	V	M	S	I	E	D	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	E	A	I	G	L	T	Y	E	N	L	I	K	L	S	L	R	H	R	P	D	L	L	I	I	G	E	I	R	D	S	E	T	A	R	A	V	V	R	A	S	L	T	G	A	T	V	F	S	T	I	H	A	K	S	I	236
NTDB id 57975	SPN994039 RS09895 WP 000249552.1	K	G	Q	Q	V	M	S	I	E	D	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	E	A	I	G	L	T	Y	E	N	L	I	K	L	S	L	R	H	R	P	D	L	L	I	I	G	E	I	R	D	I	E	T	A	R	A	V	V	R	A	S	L	T	G	A	T	V	F	S	T	I	H	A	K	S	I	236
NTDB id 270	KZH43 RS09265 WP 000249564.1	K	G	Q	Q	V	M	S	I	E	D	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	E	A	I	G	L	T	Y	E	N	L	I	K	L	S	L	R	H	R	P	D	L	L	I	I	G	E	I	R	D	S	E	T	A	R	A	V	V	R	A	S	L	T	G	A	T	V	F	S	T	I	H	A	K	S	I	236
NTDB id 229	SPD RS09895 WP 000249564.1	K	G	Q	Q	V	M	S	I	E	D	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	E	A	I	G	L	T	Y	E	N	L	I	K	L	S	L	R	H	R	P	D	L	L	I	I	G	E	I	R	D	S	E	T	A	R	A	V	V	R	A	S	L	T	G	A	T	V	F	S	T	I	H	A	K	S	I	236
NTDB id 195	SPR RS09430 WP 000249564.1	K	G	Q	Q	V	M	S	I	E	D	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	E	A	I	G	L	T	Y	E	N	L	I	K	L	S	L	R	H	R	P	D	L	L	I	I	G	E	I	R	D	S	E	T	A	R	A	V	V	R	A	S	L	T	G	A	T	V	F	S	T	I	H	A	K	S	I	236
NTDB id 160	SP RS10380 WP 000249564.1	K	G	Q	Q	V	M	S	I	E	D	P	V	E	I	K	Q	D	N	M	L	Q	L	Q	L	N	E	A	I	G	L	T	Y	E	N	L	I	K	L	S	L	R	H	R	P	D	L	L	I	I	G	E	I	R	D	S	E	T	A	R	A	V	V	R	A	S	L	T	G	A	T	V	F	S	T	I	H	A	K	S	I	236
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