

[illegible]

NTDB	id	587	KW2	RS10850	WP	042211510.1	ESLSFSKNVVTQLALVEVHGNTQKSLKIESYLNLIILVKKKLVVEVITYPIILLIFLVVIMLGLKKNYLLPQLDKGN	NFAT	153
NTDB	id	395	FSA28	RS09400	WP	257638827.1	SSLGFSDDVVTQLALSEVHGNTQKSLKIESYLNLIILVKKKLVVEVITYPIILLIFLVVIMLGLKKNYLLPQL	EKG.NFAT	155
NTDB	id	386	SMU	RS09030	WP	255262721.1	SSLGFSDDVVTQLALSEVHGNTQKSLKIESYLNLIILVKKKLVVEVITYPIILLIFLVVIMLGLKKNYLLPQL	ERG.NFAT	155
NTDB	id	261096	CRH08	RS00800	WP	255195823.1	ADLRFSDDAVVTQVALAEVHGNTSLSLHISYLENVSKVRKKLIEVATYPIILLGFLFLIMLGLKKNYLLPQL	EEG.NAAT	159
NTDB	id	430	SG0	RS09415	WP	012130941.1	ASLGFSDDAVVTQLSLAEHLGNLSLALLKIEEYLDNLAKVKKKLVVEVITYPMMLLGLFLVIMLGLRNYLLPQL	SSQ.NFAT	156
NTDB	id	271	KZH43	RS09260	WP	074196785.1	ESLGCSSAIVTQLSLAEVHGNTLHLSLGKIEEYLDNLAKVKKKLVVEVITYPLILLGFLLLIMLGLRNYLLPQL	DSS.NIAT	150
NTDB	id	230	SPD	RS09890	WP	074196785.1	ESLGCSSAIVTQLSLAEVHGNTLHLSLGKIEEYLDNLAKVKKKLVVEVITYPLILLGFLLLIMLGLRNYLLPQL	DSS.NIAT	150
NTDB	id	196	SPR	RS09425	WP	074196785.1	ESLGCSSAIVTQLSLAEVHGNTLHLSLGKIEEYLDNLAKVKKKLVVEVITYPLILLGFLLLIMLGLRNYLLPQL	DSS.NIAT	150
NTDB	id	161	SP	RS10375	WP	074196785.1	ESLGCSSAIVTQLSLAEVHGNTLHLSLGKIEEYLDNLAKVKKKLVVEVITYPLILLGFLLLIMLGLRNYLLPQL	DSS.NIAT	150
NTDB	id	529	SMSK321	RS09235	WP	080550783.1	ESLGFSSAIVTQLSLAEVHGNTLHLSLGKIEEYLDNLAKVKKKLVVEVITYPLILLGFLLLIMLGLRNYLLPQL	DSS.NIAT	150
NTDB	id	501	SM12261	RS00950	WP	004238896.1	ESLGFSSAIVTQLSLAEVHGNTLHLSLGKIEEYLDNLAKVKKKLVVEVITYPLILLGFLLLIMLGLRNYLLPQL	DSS.NIAT	150
consensus							***!!**!*!!**!!**!!**!!**!!**!!**!!**!!**!!**!!**!!**!!**!!**!!**!!**!!**!!**!!**!!**!!	!!**!!	

NTDB	id	587	KW2	RS10850	WP	042211510.1	L	I	N	H	L	P	L	V	F	S	V	G	A	L	I	V	L	L	T	S	L	S	I	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		233	
NTDB	id	395	FSA28	RS09400	WP	257638827.1	R	L	I	S	N	F	P	I	L	F	L	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	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	261096	CRH08	RS00800	WP	255195823.1	M	L	I	N	H	L	P	I	F	L	S	L	C	G	L	S	L	V	A	V	L	A	G	M	V	F	R	K	T	N	K	I	K	A	F	S	R	L	A	A	L	P	F	G	K	L	I	Q	I	Y	L	T	A	Y	Y	A	R	E	W	G	N	L	I	G	Q	L	D	L	P	Q	I	V	I	G	L	M	Q		239		
NTDB	id	430	SGO	RS09415	WP	012130941.1	Q	L	I	G	H	L	P	T	I	F	L	L	T	V	L	M	I	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	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	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	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		230	
NTDB	id	230	SPD	RS09890	WP	074196785.1	Q	I	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	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		230	
NTDB	id	196	SPR	RS09425	WP	074196785.1	Q	I	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	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		230	
NTDB	id	161	SP	RS10375	WP	074196785.1	Q	I	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	L	A																																										

