

NTDB	id 1402	DSB67	RS12670	WP 010643257.1	MKTIA PQ LK N YRWKGINS S .GKKTSGNVLAMTEIEVRRERLDAQH I K I KLKKSISFITK.	59
NTDB	id 1169	A1552VC	RS11075	WP 000648511.1	MKATQTLP L KNYRWKGINS N .GKKVSCQMLAISEIEVRDKLKDQHIQIKKLKKSIVSILAR.	60
NTDB	id 1252	GC085	RS07730	WP 011213805.1	MDKNSP P LTFHYQGINK A .GQKMEGDIQARS LAI AKADLRKQGI V TNKVVKKRKPLFDR.	59
NTDB	id 1198	PSJM300	03950	AFN76868.1	MAQKA I KNSVFTWEGLD R Q.GAKIKGELSGVPALVAKQLRKQGINPQKV R KKSISLFS..	58
NTDB	id 1016	ACIAD	RS01680	WP 004920476.1	MAAAK T QVMPVFAYEGVD R K.GIKLKGELPAARMALAKVTLRKQGITIR T IREKRKNIFEGL	61
NTDB	id 1059	ABD1	RS01610	WP 000279215.1	MAVKKAQM M PTFAYEGVD R K.GVKIKGELPAKNMALAKVTLRKQGVTVRNIREKRKNILEGL	61
NTDB	id 268043	C2124	RS03330	WP 174265042.1	MATRAPTANRSAAASARKTASTKAP T QYLFEWEGKD R K.GKAFKGEMRAESITEVNAVLRKQGLSITKSKRRRAA.....	74
NTDB	id 1112	NGFG	RS09215	WP 003689811.1	MAKNGGFSLFAKKEKR F LFEGRHSASDKLVNGEVSAFTEEEAR K KLAKRGIRPLQITRVKTS.....	62
NTDB	id 1113	AAA85695.1	219..1451()	MAKNGGFSLFAKKEKR F LFEGRHSASDKLVNGEVSAFTEEEAR K KLAKRGIRPLQITRVKTS.....	62	
consensus					* * * * *	

NTDB	id 1402	DSB67	RS12670	WP 010643257.1	IS	HRV	KGK	DIT	IF	TRQ	LAT	MT	GV	PI	IV	QAL	KLV	SEN	HH	KA	EM	KS	SIL	MS	V	TR	VE	AG	TP	MS	K	AM	RT	AS	TH	FD	PL	YT	DL	IA	139																																									
NTDB	id 1169	A1552VC	RS11075	WP 000648511.1	LT	HRV	KS	KD	IT	IL	TR	QL	AT	MT	TT	GV	PI	IV	QAL	KLV	GD	NH	R	KA	EM	KS	SIL	AQ	IT	KS	VE	AG	TP	LS	K	AM	RT	AS	AH	FD	TL	YV	DL	VE	140																																					
NTDB	id 1252	GC085	RS07730	WP 011213805.1	KN	KK	IT	QAD	IT	V	SR	QL	AT	MT	ES	GI	PL	VQ	AF	D	IV	AK	G	QS	N	R	L	K	D	L	I	ET	IK	H	D	I	ET	GL	TL	AE	SL	IK	H	P	LY	F	N	EL	FC	N	LV	139																														
NTDB	id 1198	PSJ300	03950	AFN76868.1	AG	KK	I	K	P	M	D	I	A	L	F	T	R	Q	M	T	M	K	A	G	V	P	L	Q	S	F	D	I	G	E	G	F	D	N	P	M	R	K	L	V	D	D	L	K	Q	E	V	A	G	N	S	F	A	S	S	SL	R	K	K	P	Q	Y	F	D	L	Y	C	N	L	V	138							
NTDB	id 1016	ACIAD	RS01680	WP 004920476.1	LK	KK	V	K	P	L	D	I	A	L	F	T	R	Q	L	A	T	M	K	A	G	V	P	L	V	Q	A	F	E	I	V	A	E	G	L	N	P	A	M	R	D	V	V	L	G	K	N	E	V	E	G	N	T	F	A	G	A	L	R	K	Y	P	Q	Y	F	D	N	L	F	C	S	L	I	E	141			
NTDB	id 1059	ABD1	RS01610	WP 000279215.1	FK	KK	V	T	L	D	I	T	IF	TR	Q	L	A	T	M	K	A	G	V	P	L	V	Q	G	F	E	I	V	A	E	G	L	N	P	A	M	R	E	V	V	L	G	IK	GE	VE	GG	S	T	F	AS	A	L	R	K	Y	P	Q	H	F	D	N	L	F	C	S	L	VE	141										
NTDB	id 268043	C2124	RS03330	WP 174265042.1	RG	KK	I	T	PK	D	V	A	Y	F	T	R	Q	L	S	T	M	L	K	A	G	V	P	L	Q	S	V	D	I	A	R	G	H	A	N	P	N	F	T	Q	L	L	T	E	I	R	V	D	I	ES	G	S	S	MA	Q	A	F	R	R	H	P	K	Y	F	D	S	L	Y	C	N	L	ID	154					
NTDB	id 1112	NGFG	RS09215	WP 003689811.1	SK	R	K	I	T	Q	E	D	I	T	V	F	T	R	Q	L	S	T	M	L	K	A	G	L	P	L	M	Q	A	F	E	I	V	A	R	G	H	G	N	P	S	M	T	E	M	L	M	E	I	R	G	Q	VE	Q	G	S	S	L	S	R	A	F	S	N	H	P	K	Y	F	D	R	F	Y	C	N	L	VA	142
NTDB	id 1113	AAA85695.1	219..1451()		SK	R	K	I	T	Q	E	D	I	T	V	F	T	R	Q	L	S	T	M	L	N	A	G	L	P	L	M	Q	A	F	E	I	V	A	R	G	H	G	N	P	S	M	T	E	M	L	M	E	I	R	G	Q	VE	Q	G	S	S	L	S																			

[illegible]

NTDB	id	1402	DSB67	RS12670	WP	010643257.1	A	T	Q	N	G	P	F	I	G	L	S	F	V	S	L	I	S	G	K	I	M	S	Q	R	S	D	S	F	R	L	L	A	A	R	S	S	L	R	V	P	I	L	G	P	V	L	S	K	A	A	I	A	K	F	S	R	T	L	A	T	S	F	S	A	G	I	P	I	L	T	A	L	K	T	T	S	K	299	
NTDB	id	1169	A1552VC	RS11075	WP	000648511.1	H	W	V	C	A	Y	S	L	W	A	F	I	A	A	A	I	F	G	L	K	A	L	K	N	S	F	Q	I	R	L	K	T	S	R	L	G	L	K	F	P	I	I	G	N	V	L	A	K	A	S	I	A	K	F	S	R	T	L	A	T	S	F	A	A	G	I	P	I	L	A	S	L	K	T	T	A	K	300	
NTDB	id	1252	GC085	RS07730	WP	011213805.1	E	F	M	Q	A	Y	W	Y	I	F	G	A	L	G	V	V	S	F	F	Y	A	K	N	S	L	E	F	A	Q	T	I	D	R	V	M	L	K	L	P	V	G	G	I	L	E	K	A	A	I	A	R	F	A	R	T	L	S	I	T	F	A	A	G	L	P	L	V	E	A	L	K	S	V	A	G	299			
NTDB	id	1198	PSJM300	03950	AFN	76868.1	E	A	L	Q	A	Y	W	V	V	L	A	G	F	V	C	A	A	F	K	A	H	T	R	S	E	K	F	R	N	W	F	D	R	L	M	L	K	V	P	V	G	D	I	L	Y	K	S	S	A	R	F	A	R	T	L	S	T	T	F	A	A	G	V	P	L	D	V	L	D	S	V	A	G	298					
NTDB	id	1016	ACIAD	RS01680	WP	004920476.1	N	W	Q	W	Y	F	I	L	I	V	I	G	A	A	I	A	G	L	E	A	R	K	R	S	K	F	R	D	Q	L	D	R	L	V	L	R	L	P	I	V	G	D	L	V	Y	K	A	I	I	A	R	S	R	T	L	A	T	T	F	A	A	G	V	P	L	I	D	A	L	E	S	T	A	G	301				
NTDB	id	1059	ABD1	RS01610	WP	000279215.1	K	W	M	Q	E	Y	W	F	I	M	I	A	I	G	A	V	I	A	A	F	L	E	A	K	K	R	S	K	K	F	R	D	G	L	D	K	L	A	L	K	L	P	I	F	G	D	L	V	Y	K	A	I	I	A	R	S	R	T	L	A	T	T	F	A	A	G	V	P	L	I	D	A	L	E	S	T	A	G	301
NTDB	id	268043	C2124	RS03330	WP	174265042.1	D	E	F	V	K	W	Y	I	I	F	A	P	V	V	C	I	F	L	Y	A	R	A	F	K	R	S	L	K	V	Q	R	N	T	H	K	A	I	L	K	M	P	I	F	G	S	I	I	R	K	A	T	I	A	R	W	T	R	T	L	A	T	M	F	S	A	G	T	P	L	V	E	S	M	E	S	V	A	G	314
NTDB	id	1112	NGFG	RS09215	WP	003689811.1	D	F	F	V	S	Y	G	W	M	V	L	I	A	L	G	F	A	I	Y	G	F	L	K	L	A	R	S	I	K	I																																																	

