

[illegible]

NTDB	id	1119	NGFG	RS11465	WP	017147169.1	A		SPPTD	I	K	G	K	Y	V	K	E	...	VEVKN	G	V	T	A	T	M	L	S	S	G	V	N	N	E	I	K	G	K	L	S	L		WGRREN	G	S	V	K	W	126																						
NTDB	id	1109	OKT83	RS10670	WP	157147416.1	A		SA	ST	I	K	G	K	Y	V	Q	K	...	VEVAK	G	V	T	A	Q	M	A	S	T	G	V	N	K	E	I	Q	D	K	K	L	S	L		WAKRQD	G	S	V	K	W	125																				
NTDB	id	1184	GTF74	RS02335	WP	000649326.1	G	F	T	R	..	L	G	T	V		E	D	M	G	D	G	K	I	V	I	A	P	T	A	S	..	G	A	L	G	G	T	I	K	Y	T	F	D	A	G	V	V	..	S	S		S	K	I	Q	L	A	R	D	A	N	G	L	W	131				
NTDB	id	1167	A1552VC	RS11065	WP	000649326.1	G	F	T	R	..	L	G	T	V		E	D	M	G	D	G	K	I	V	I	A	P	T	A	S	..	G	A	L	G	G	T	I	K	Y	T	F	D	A	G	V	V	..	S	S		S	K	I	Q	L	A	R	D	A	N	G	L	W	131				
NTDB	id	1160	ABDM36	RS02330	WP	000649326.1	G	F	T	R	..	L	G	T	V		E	D	M	G	D	G	K	I	V	I	A	P	T	A	S	..	G	A	L	G	G	T	I	K	Y	T	F	D	A	G	V	V	..	S	S		S	K	I	Q	L	A	R	D	A	N	G	L	W	131				
NTDB	id	1191	AAC28468.1	484..945()			N		V	I	F	D	S	A	N	G	L	D	G	K	Y	F	A	P	G	G	V	T	V	P	D	T	G	A	I	N	I	A	F	D	A	G	A		N	A	G	K	T	M	T	I	T	P	T		V	I	A	A	S	G	Q	I	S	T	W	133		
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	T	K	K	E	V	P	L	G	V		A	A	D	A	N	L	G	T	T	A	L	K	P	D	A	D	..	G	T	A	D	I	T	L	T	F	T	M	G	G	A	G	P	K	N	K	G	K	I	T	L		T	R	T	A	A	D	G	L	W	133		
NTDB	id	1424	RS	RS02795	WP	011000517.1		G	S	S		V	F	T	P	T	K	N	V	A	N	I	T	A	..	G	T	G	T	...	V	P	Q	I	T	V	T	Y	T	T	A		G	G	T	L	A	L	V	P	T	A	A	G	T	A	L	P	V	S	S	A	P	S	G	P	I	M	W	136
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	S		S	C	V	G	V	Q	E	I	S	A	S	N	A	T	T	N	V	A	T	A	T	C	...	G	A	S	...	S	A	G	I	I	V	T	M	D	T	T	K		A	K	A	N	I	T	L	T	P	T		Y	A	S	A	G	A	T	W	130		
NTDB	id	224970	B6N58	RS10340	WP	045098775.1	T		S	P	A	P	T	A	N	V	Q	S	T	V	I		G		P	K	G	E	I	T	I	T	Y	T	E	L	A		G	N	G	T	L	V	L	V	P	T	L		Q	A	N	G	D	L	T	W	118											
NTDB	id	1258	GCO85	RS09745	WP	014844212.1	V		S	P	A	A	T	P	N	V	Q	S	I	A	L		G		A	N	G	V	I	T	I	T	Y	T	A	A		G	G	T	I	T	M	T	P	T	L		Q	A	N	G	D	V	T	W	118													
NTDB	id	1274	LPP	RS09530	WP	011214168.1	V		S	P	A	A	T	P																																																								

NTDB	id	1119	NGFG	RS11465	WP	017147169.1	FCGQPVTRADDDTVADAKDGKE	IDTKHL	PST	CRDKASDAK	166
NTDB	id	1109	OK783	RS10670	WP	157147416.1	FCGQPVTRTGDNDTVADANNA	IDTKHL	PST	CRDESSAT.	164
NTDB	id	1184	GTF74	RS02335	WP	000649326.1	TCSTT.....	VTSEIAP	PKG	CTAGATIN.	153
NTDB	id	1167	A1552VC	RS11065	WP	000649326.1	TCSTT.....	VTSEIAP	PKG	CTAGATIN.	153
NTDB	id	1160	ABDM36	RS02330	WP	000649326.1	TCSTT.....	VTSEIAP	PKG	CTAGATIN.	153
NTDB	id	1191	AAC28468.1	484..945()			TCAPGAANG.....	IETBRL	PTS	CQ*.....	153
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	KCTSD.....	QDEQFI	PKG	CSK.....	150
NTDB	id	1424	RS	RS02795	WP	011000517.1	TCYAAQNKAQAA.SSVAPSGTMS	LAAKQYAPAE	CR		168
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	KCTTT.....	SDKKYV	PSE	CRG.....	147
NTDB	id	224970	B6N58	RS10340	WP	045098775.1	ACNKG.....	TLKRQYR	PAT	CRD.....	136
NTDB	id	1258	GC085	RS09745	WP	014844212.1	TCTGG.....	TLLAKYR	PAS	CRP.....	136
NTDB	id	1274	LPP	RS09530	WP	011214168.1	TCTGG.....	TLLAKYR	PAS	CRP.....	136
consensus							*!*	* *	!	!*	

 non conserved
 similar
 $\geq 50\%$ conserved