

[illegible]

NTDB	id	1038	HON27	RS01510	WP	000993725.1	V	G	F	T	A	A	T	S	S	V	C	A	T	Y	S	I	D	A	F	T	E	D	...	G	A	G	K	T	...	T	C	T	L	...	K	...	G	N	P	K	I	A	T	K	I	...	E	L	T	R		S	116																							
NTDB	id	1197	PSJM300	03940	AFN76866.1		E	G	Y	I	G	I	T	D	S	T	S	Y	C	D	V	D	I	D	...	T	A	A	D	...	G	H	I	...	E	C	T	A	...	K	G	G	N	A	G	K	F	D	C	K	T	I	T	L	N	R		T	118																							
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	A...	T	K	K	E	V	P	L	G	V	A	A	D	A	N	K	L	G	I	...	L	K	P	...	D	P	A	D	...	G	T	A	D	I	T	L	T	F	T	...	M	G	G	A	G	P	K	N	K	I	K	I	L	T	R		T	128																		
NTDB	id	1109	OK783	RS10670	WP	157147416.1	S	A	G	V	A	S	A	...	S	T	I	K	G	K	Y	...	V	Q	K	V	E	V	A	K	...	G	V	V	T	A	Q	M	A	S	...	T	G	V	N	E	I	Q	D	K	K	L	S	L	W	A	...	K	R	Q	D	120																				
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	S	A	G	V	A	S	P	P	I	D	I	K	G	K	Y	...	V	K	E	V	E	V	K	N	...	G	V	V	T	A	T	M	L	S	...	S	G	V	N	N	E	I	K	G	K	K	L	S	L	W	G	...	R	R	E	N	121																			
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	...	T	P	D	T	C	A	I	N	I	A	F	D	A	...	G	A	N	A	C	K	T	M	T	I	T	P	T	V	I	A	...	A	S	G	128																
NTDB	id	1188	NELON	RS01755	WP	003772458.1	N	K	T	A	A	A	G	G	G	A	G	A	A	A	G	T	Q	H	A	S	K	Y	...	V	K	S	V	K	V	T	E	...	A	S	P	W	D	I	T	V	A	I	S	A	T	E	A	N	G	I	P	T	G	L	D	N	T	R	I	F	P	L	V	N	K	...	A	V	...	P	A	A	T	S	T	148
NTDB	id	1112656	KHN77	RS14875	WP	119127582.1	I	E		S	...	Q	S	S	K	...	V	S	G	V	A	Y	A	Q	...	S	G	A	S	C	V	I	T	A	...	K	D	L	G	C	S	T	P	T	G	I	...	T	L	T	G	T	K	G	A	N	...	118																								
NTDB	id	1424	RS	RS02795	WP	011000517.1	G	S	S	S	V	F	...	T	P	T	K	N	...	V	A	N	...	T	I	A	G	T	V	P	C	Q	I	T	Y	T	...	T	A	A	G	G	T	A	L	V	P	T	A	A	G	T	A	L	P	V	S	S	A	P	S	131																				
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	S	S		C	V	G	V	Q	E	I	S	A	S	N	A	T	T	...	V	A	T	A	...	T	C	G	A	S	A	G	Q	I	I	V	T	M	D	T	...	T	K	A	K	A	N	I	T	L	T	P	...	Y	A	S	125																					
NTDB	id	1274	LPP	RS09530	WP	011214168.1	V		S	P	A	A	T	P	N	...	V	A	S	T	...	A	I	G	A	...	N	G	V	I	T	I	T	Y	...	T	...	A	A	A	G	G	T	I	V	M	T	P	T	L	...	Q	A	N	113																											
NTDB	id	1258	GC085	RS09745	WP	014844212.1	V		S	P	A	A	T	P	N	...	V	Q	S	I																																																														

NTDB id 1038 HON27 RS01510 WP 000993725.1	TDGAWTCVSD.....VPTFLPKGCTAGTPTGAIITSL	149
NTDB id 1197 PSJM300 03940 AFN76866.1	ADGEWSCAST.....LDAYKPGKCS.....	139
NTDB id 1192 PAKAF RS23870 WP 024947914.1	ADGLWKCTSD.....QDEQFLPKGCSK.....	150
NTDB id 1109 OK783 RS10670 WP 157147416.1	GSVKWFCGQPVTRTGDNDTVA..DANNAIDTKHLPSTCRDESSAT.....	164
NTDB id 1119 NGFG RS11465 WP 017147169.1	GSVKWFCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK.....	166
NTDB id 1191 AAC28468.1 484..945()	QISTWTCAPGAAN.....GIETRRLPTSCQ*	153
NTDB id 1188 NELON RS01755 WP 003772458.1	GATDWACASAAKETADKRFGTSGVAVGTLPAYAPSECK.....	188
NTDB id 1112656 KHN77 RS14875 WP 119127582.1	GQVSWVCSGS.....IAAKYRPSTCQ.....	139
NTDB id 1424 RS RS02795 WP 011000517.1	GPIMTTCYAQNKAQAASSVAPS...GTMSLAAKYAPAECP.....	168
NTDB id 1002 ACIAD RS15100 WP 004923779.1	GAVTWKCTTT.....S.DKKYVPSECRG.....	147
NTDB id 1274 LPP RS09530 WP 011214168.1	GDVTTTCTGG.....TLAKYRPASCRP.....	136
NTDB id 1258 GC085 RS09745 WP 014844212.1	GDVTTTCTGG.....TLAKYRPASCRP.....	136
consensus	* * * * *	

 non conserved
 similar
 $\geq 50\%$ conserved