

logo

NTDB id 1313 DR RS12030 WP 010888966.1	RIGQGK	EKTIA	YIA	ERP	EME	QEI	RD	RV	MAA	IRAG	NAGE	APAL	PAPA	.....	APE	AAEA	.....	363																																																	
NTDB id 1245 Cj1673c YP 002345041.1	KLGGG	RENSK	AFL	KEN	PEI	ADE	IT	KA	I	QNSM	G	I	EGM	ISG	SEDE	DEGEE	.....	343																																																		
NTDB id 1214 NCTC11637 00359 SQJ03206.1	KLGGG	REN	AKALL	KED	KAL	ADE	ITL	KI	KES	IGS	N	EEI	MP	L	P	DE	PLEEME	.....	347																																																	
NTDB id 1211 C694 RS00795 WP 000963128.1	KLGGG	REN	AKALL	KED	KAL	ADE	ITL	KI	KES	IGS	N	EEI	MP	L	P	DE	PLEEME	.....	347																																																	
NTDB id 1334 RAOC RS04870 WP 004918236.1	KLGGG	RDT	VKEL	I	KD	N	PEL	A	E	E	L	E	A	K	I	R	E	K	L	Q	A	K	.....	343																																												
NTDB id 1389 A4U84 RS07560 WP 021112712.1	KIGQG	KNN	AVK	WL	KEN	PEI	A	D	K	L	E	Q	E	I	R	N	T	L	A	S	N	P	S	V	L	K	A	T	A	S	D	S	N	D	E	S	D	V	E	372																												
NTDB id 1130 NGFG RS03960 WP 003688695.1	KIGQG	KDN	VR	V	WL	KEN	PEI	S	D	E	I	D	A	K	I	R	A	L	N	G	V	E	M	H	I	T	E	G	T	Q	D	E	T	.....	348																																	
NTDB id 1124 NGFG RS03960 WP 003688695.1	KIGQG	KDN	VR	V	WL	KEN	PEI	S	D	E	I	D	A	K	I	R	A	L	N	G	V	E	M	H	I	T	E	G	T	Q	D	E	T	.....	348																																	
NTDB id 1123 OK783 RS03845 WP 003688695.1	KIGQG	KDN	VR	V	WL	KEN	PEI	S	D	E	I	D	A	K	I	R	A	L	N	G	V	E	M	H	I	T	E	G	T	Q	D	E	T	.....	348																																	
NTDB id 1427 RS RS02760 WP 011000510.1	RIGQG	RDN	CRE	FL	RE	NA	E	L	A	R	E	I	E	N	K	V	R	E	H	L	G	V	T	P	M	G	A	V	T	L	A	.E	E	V	E	E	D	.....	352																													
NTDB id 1165 A1552VC RS01565 WP 000344154.1	KIGQG	KAN	ACK	YL	KEN	PEI	A	K	T	L	D	K	K	L	R	E	M	L	L	N	P	E	N	M	Q	L	I	A	E	T	S	S	A	A	D	D	V	E	F	G	354																											
NTDB id 1142 GTF74 RS11550 WP 000344154.1	KIGQG	KAN	ACK	YL	KEN	PEI	A	K	T	L	D	K	K	L	R	E	M	L	L	N	P	E	N	M	Q	L	I	A	E	T	S	S	A	A	D	D	V	E	F	G	354																											
NTDB id 1205 PSJM300 05545 AFN77183.1	KIGQG	KANA	AK	YLE	E	N	P	E	I	G	Q	E	I	E	Q	I	R	A	K	L	V	T	S	A	N	T	K	A	T	P	V	A	E	D	L	A	D	A	D	347																												
NTDB id 1074 ABD1 RS10195 WP 000344167.1	KIGQG	KNN	VIR	Y	F	E	E	N	Q	I	A	E	E	I	E	R	N	I	R	E	Q	L	L	T	T	G	T	N	G	A	V	Q	.I	.E	D	E	E	E	P	D	349																											
NTDB id 1022 ACIAD RS06390 WP 004925639.1	KIGQG	KNN	VIR	Y	L	E	E	N	P	Q	I	S	T	E	I	E	A	V	I	R	E	Q	L	L	T	K	A	S	D	Q	T	A	.H	D	E	T	E	E	E	P	D	349																										
NTDB id 600 KW2 RS01765 WP 011675413.1	KIGQG	A	E	K	A	K	N	Y	L	K	E	H	Q	D	V	F	D	E	I	D	H	K	V	R	A	A	H	G	L	L	D	S	E	V	A	E	T	E	E	T	T	A	S	K	T	K	A	K	A	K	K	E	E	K	A	V	E	T	E	E	I	E	L	E	L	E	D	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	KIGQG	S	E	N	A	K	K	Y	L	A	E	H	P	E	I	F	D	E	I	D	K	Q	V	R	S	K	F	G	L	I	D	G	E	E	V	S	E	Q	D	T	E	N	K	K	D	E	387																					
NTDB id 228 SPD RS09265 WP 001085462.1	KIGQG	S	E	N	A	K	K	Y	L	A	E	H	P	E	I	F	D	E	I	D	K	Q	V	R	S	K	F	G	L	I	D	G	E	E	V	S	E	Q	D	T	E	N	K	K	D	E	387																					
NTDB id 194 SPR RS08825 WP 001085462.1	KIGQG	S	E	N	A	K	K	Y	L	A	E	H	P	E	I	F	D	E	I	D	K	Q	V	R	S	K	F	G	L	I	D	G	E	E	V	S	E	Q	D	T	E	N	K	K	D	E	387																					
NTDB id 159 SP RS09750 WP 001085462.1	KIGQG	S	E	N	A	K	K	Y	L	A	E	H	P	E	I	F	D	E	I	D	K	Q	V	R	S	K	F	G	L	I	D	G	E	E	V	S	E	Q	D	T	E	N	K	K	D	E	387																					
NTDB id 499 SM12261 RS08315 WP 078228268.1	KIGQG	S	E	N	A	K	K	Y	L	A	D	N	P	E	I	F	D	E	I	D	H	Q	V	R	V	Q	F	G	L	I	D	G	E	E	I	A	E	S	383																													
NTDB id 527 SMSK321 RS11065 WP 001085454.1	KIGQG	S	E	N	A	K	K	Y	L	A	D	N	P	E	V	F	A	E	I	D	H	Q	V	R	V	Q	F	G	L	I	D	G	E	E	A	A	E	S	383																													
NTDB id 453 Spy49 1753c ACI62003.1	KIGQG	S	E	N	A	K	R	Y	L	A	D	H	P	Q	L	F	D	E	I	D	R	K	V	R	V	K	F	G	L	L	E	E	S	E	E	S	A	M	A	V	A	S	E	378																								
NTDB id 408 SMU RS09530 WP 002262392.1	KIGQG	S	E	N	A	K	K	Y	L	A	D	N	P	E	I	F	D	I	D	H	K	V	R	V	Q	Y	G	L	I	E	E	D	N	T	E	E	K	Q	S	S	K	E	383																									
NTDB id 42856 DESOR RS16785 WP 014185779.1	RLGGG	R	E	N	V	K	E	Y	F	K	Q	H	P	E	I	A	D	E	I	E	R	Q	I	R	S	H	L	N	S	S	E	T	P	G	S	A	E	D	D	G	S	F	E	346																								
NTDB id 115 BSU 16940 NP 389576.2	RLGGG	R	E	N	A	K	Q	F	L	K	E	N	K	D	I	M	L	M	I	Q	E	I	R	E	H	Y	G	L	D	N	N	G	V	V	Q	Q	A	E	E	T	Q	E	E	L	E	.F	.E	348																				
NTDB id 625 LCA RS02525 WP 011374196.1	RIGQG	R	E	N	A	K	N	Y	L	A	D	H	E	D	V	E	D	V	R	L	K	V	R	A	A	Y	G	I	S	D	V	P	E	E	D	L	P	T	T	E	D	E	.Q	I	N	.I	L	P	D	D	S	T	355															

consensus

!!!*** ** * *** ***** ** **

logo

NTDB id 1313 DR RS12030 WP 010888966.1	.	363
NTDB id 1245 Cj1673c YP 002345041.1	.	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.	347
NTDB id 1211 C694 RS00795 WP 000963128.1	.	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	.	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	.	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	.	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	.	348
NTDB id 1427 RS RS02760 WP 011000510.1	.	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.	354
NTDB id 1205 PSJM300 05545 AFN77183.1	.	347
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.	349
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.	349
NTDB id 600 KW2 RS01765 WP 011675413.1	.	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	E	388
NTDB id 228 SPD RS09265 WP 001085462.1	E	388
NTDB id 194 SPR RS08825 WP 001085462.1	E	388
NTDB id 159 SP RS09750 WP 001085462.1	E	388
NTDB id 499 SM12261 RS08315 WP 078228268.1	E	384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	E	384
NTDB id 453 Spy49 1753c ACI62003.1	.	378
NTDB id 408 SMU RS09530 WP 002262392.1	.	383
NTDB id 42856 DESOR RS16785 WP 014185779.1	.	346
NTDB id 115 BSU 16940 NP 389576.2	.	348
NTDB id 625 LCA RS02525 WP 011374196.1	.	355

consensus

non conserved
 similar
 ≥ 50% conserved