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NTDB id 600 KW2 RS01765 WP 011675413.1
NTDB id 269 KZH43 RS08665 WP 001085462.1
NTDB id 228 SPD RS09265 WP 001085462.1
NTDB id 194 SPR RS08825 WP 001085462.1
NTDB id 159 SP RS09750 WP 001085462.1
NTDB id 499 SM12261 RS08315 WP 078228268.1
NTDB id 527 SMSK321 RS11065 WP 001085454.1
NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 115 BSU 16940 NP 389576.2
NTDB id 625 LCA RS02525 WP 011374196.1
NTDB id 1313 DR RS12030 WP 010888966.1
NTDB id 1245 Cj1673c YP 002345041.1
NTDB id 1214 NCTC11637 00359 SQJ03206.1
NTDB id 1211 C694 RS00795 WP 000963128.1
NTDB id 1334 RAOC RS04870 WP 004918236.1
NTDB id 1389 A4U84 RS07560 WP 021112712.1
NTDB id 1130 NGFG RS03960 WP 003688695.1
NTDB id 1124 NGFG RS03960 WP 003688695.1
NTDB id 1123 OK783 RS03845 WP 003688695.1
NTDB id 1427 RS RS02760 WP 011000510.1
NTDB id 48992 JLE48 RS05275 WP 000963143.1
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NTDB id 1142 GTF74 RS11550 WP 000344154.1
NTDB id 1205 PSJM300 05545 AFN77183.1
NTDB id 1022 ACIAD RS06390 WP 0004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus

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NTDB id 600 KW2 RS01765 WP 011675413.1
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus

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NTDB	id	600	KW2	RS01765	WP	011675413.1	VV	IDSVAAL	VP	KA	EID	GE	IGDSSV	GLQAR	MSQAM	RKL	GA	CH	INKT	KT	TA	IFIN	QLREK	VGV	M	FGS	PETT	P	GG	RALK	FYA	233																																				
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NTDB	id	228	SPD	RS09265	WP	001085462.1	VV	DSVAAL	VP	RA	EID	GD	IGDSHV	GLQAR	MSQAM	RKL	GA	S	INKT	KT	TA	IFIN	QLREK	VGV	M	FGN	PETT	P	GG	RALK	FYA	232																																				
NTDB	id	194	SPR	RS08825	WP	001085462.1	VV	DSVAAL	VP	RA	EID	GD	IGDSHV	GLQAR	MSQAM	RKL	GA	S	INKT	KT	TA	IFIN	QLREK	VGV	M	FGN	PETT	P	GG	RALK	FYA	232																																				
NTDB	id	159	SP	RS09750	WP	001085462.1	VV	DSVAAL	VP	RA	EID	GD	IGDSHV	GLQAR	MSQAM	RKL	GA	S	INKT	KT	TA	IFIN	QLREK	VGV	M	FGN	PETT	P	GG	RALK	FYA	232																																				
NTDB	id	499	SM12261	RS08315	WP	078228268.1	VV	DSVAAL	VP	RA	EID	GD	IGDSHV	GLQAR	MSQAM	RKL	GA	S	INKT	KT	TA	IFIN	QLREK	VGV	M	FGN	PETT	P	GG	RALK	FYA	232																																				
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NTDB	id	453	Spy49	1753c	ACI62003.1	VV	DSVAAL	VP	RA	EID	GD	IGDSHV	GLQAR	MSQAM	RKL	GA	S	INKT	KT	TA	IFIN	QLREK	VGV	M	FGN	PETT	P	GG	RALK	FYA	232																																					
NTDB	id	408	SMU	RS09530	WP	002262392.1	VV	DSVAAL	VP	RA	EID	GD	IGDSHV	GLQAR	MSQAM	RKL	GA	S	INKT	KT	TA	IFIN	QLREK	VGV	M	FGN	PETT	P	GG	RALK	FYS	232																																				
NTDB	id	115	BSU	16940	NP	389576.2	VV	DSVAAL	VP	KA	EIE	GD	MGDSHV	GLQAR	LSQAL	RKL	SGA	INK	SKT	IA	IFIN	QIREK	VGV	M	FGN	PETT	P	GG	RALK	FYS	217																																					
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NTDB	id	1313	DR	RS12030	WP	010888966.1	VV	DSVAAL	T	RA	EIE	GE	MGDS	L	P	GLQAR	LSQAL	RKL	T	AIL	S	KT	G	TAA	IFIN	QVREK	I	G	V	M	Y	GN	PETT	T	GG	RALK	FYA	231																														
NTDB	id	1245	Cj1673c	YP	002345041.1	L	V	DSVAAL	T	PKA	EIE	GE	MGD	Q	HV	GLQAR	LSQAL	RKL	T	G	I	V	H	K	M	N	T	T	V	I	F	I	N	Q	I	R	M	K	I	G	A	M	G	Y	G	T	P	E	T	T	T	G	G	N	A	L	K	F	Y	A	219							
NTDB	id	1214	NCTC11637	00359	SQJ03206.1	VV	DSVAAL	T	PKA	EID	GE	MGD	Q	HV	GLQAR	LS	M	S	H	A	L	R	K	I	T	G	V	L	H	K	M	N	T	T	L	I	F	I	N	Q	I	R	M	K	I	G	M	M	G	Y	G	S	P	E	T	T	T	G	G	N	A	L	K	F	Y	A	221	
NTDB	id	1211	C694	RS00795	WP	000963128.1	VV	DSVAAL	T	PKA	EID	GE	MGD	Q	HV	GLQAR	LS	M	S	H	A	L	R	K	I	T	G	V	L	H	K	M	N	T	T	L	I	F	I	N	Q	I	R	M	K	I	G	M	M	G	Y	G	S	P	E	T	T	T	G	G	N	A	L	K	F	Y	A	221
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NTDB id 1022 ACIAD RS06390 WP 0004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus

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consensus



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NTDB id 600 KW2 RS01765 WP 011675413.1	...	387
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NTDB id 159 SP RS09750 WP 001085462.1	IEE	388
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE	384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE	384
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	...	349

consensus

 non conserved
 similar
 ≥ 50% conserved