

logo



NTDB id 45923 CPK RS05460 WP 010883399.1	.....MNLPR	DR	KK	KA	LE	AA	LA	AK	QK	IE	KQ	FG	GS	IM	SL	GR	HS	AT	HE	IS	TI	KT	GA	LS	LD	IA	LG	IH	GV	PK	GR	61					
NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK....	KT	FN	FD	DI	TK	KY	GA	ER	DK	KA	LA	DA	LA	LA	IE	KD	FG	KG	SL	MR	LG	EA	AN	QK	VV	SV	VSS	GS	LA	LD	IA	LG	AG	GY	PK	GR	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK....	PK	KE	EE	IS	KK	FG	GA	ER	EK	AL	ND	AL	KL	IE	KD	FG	KG	SI	MR	LG	ER	AE	QK	VQ	VM	SS	GS	LA	LD	IA	LG	SG	GY	PK	GR	73	
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK....	PK	KE	EE	IS	KK	FG	GA	ER	EK	AL	ND	AL	KL	IE	KD	FG	KG	SI	MR	LG	ER	AE	QK	VQ	VM	SS	GS	LA	LD	IA	LG	SG	GY	PK	GR	73	
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK....	PK	KE	EE	IS	KK	FG	GA	ER	EK	AL	ND	AL	KL	IE	KD	FG	KG	SI	MR	LG	ER	AE	QK	VQ	VM	SS	GS	LA	LD	IA	LG	SG	GY	PK	GR	73	
NTDB id 159 SP RS09750 WP 001085462.1	.MAKK....	PK	KE	EE	IS	KK	FG	GA	ER	EK	AL	ND	AL	KL	IE	KD	FG	KG	SI	MR	LG	ER	AE	QK	VQ	VM	SS	GS	LA	LD	IA	LG	SG	GY	PK	GR	73	
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK....	PK	KL	DE	IS	KK	FG	GA	ER	EK	AL	ND	AL	KL	IE	KD	FG	KG	SI	MR	LG	ER	AE	QK	VQ	VM	SS	GS	LA	LD	IA	LG	SG	GY	PK	GR	73	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKK....	PK	KL	DE	IS	KK	FG	GA	ER	EK	AL	ND	AL	KL	IE	KD	FG	KG	SI	MR	LG	ER	AE	QK	VQ	VM	SS	GS	LA	LD	IA	LG	SG	GY	PK	GR	73	
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK....	LK	KN	EE	IT	KK	FG	GD	ER	RK	KA	LD	DA	AL	KN	IE	KD	FG	KG	AV	MR	LG	ER	AE	QK	VQ	VM	SS	GS	LA	LD	IA	LG	AG	GY	PK	GR	73
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR....	IK	KT	EE	IT	KK	FG	GD	ER	RK	KA	LD	DA	AL	KN	IE	KD	FG	KG	AV	MR	LG	ER	AE	QK	VQ	VM	SS	GS	LA	LD	IA	LG	AG	GY	PK	GR	73
NTDB id 115 BSU 16940 NP 389576.2	.....MS	DR	QA	AL	DM	AL	KQ	IE	KQ	FG	KG	SI	MK	LG	KE	TD	TR	IS	TV	PS	GS	LA	LD	TA	LG	IG	GG	YPR	GR	58							
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKD	ER	QA	AL	DA	AL	KK	IE	KN	FG	KG	SI	MR	MG	KE	VD	TQ	VST	VSS	GS	LA	LD	EA	LG	VG	GG	YPR	GR	60								
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAP	TD	AK	ER	SK	AI	ET	AM	SQ	IE	KA	FG	KG	SI	MK	LG	AE	SK	LD	VQ	VST	TG	SL	SL	LD	IA	LG	VG	GG	IP	PR	GR	72				
NTDB id 1245 Cj1673c YP 002345041.1	.....MDDN	KR	KS	LD	AA	LA	KS	LD	KT	FG	KG	TI	LR	LD	GK	EV	EQ	IDS	IG	TG	SV	GL	LD	IA	LG	IG	GV	PK	GR	59							
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDE	DK	QA	IS	LA	IK	QD	KV	FG	KG	AL	VRL	GD	KQ	VE	KI	DS	IS	TG	SL	GL	LD	IA	LG	IG	GV	PK	GR	61								
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDE	DK	QA	IS	LA	IK	QD	KV	FG	KG	AL	VRL	GD	KQ	VE	KI	DA	IS	TG	SL	GL	LD	IA	LG	IG	GV	PK	GR	61								
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....MAKT..ETTSPND	DK	KA	LA	AV	LE	LD	KT	YK	GT	VM	KL	GD	GT	VD	HN	IE	IP	SG	SL	GL	LD	IA	LG	VG	GG	YPR	GR	68								
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKS	SK	NN	TV	..VK	QV	EP	EQ	KK	QA	LE	AA	LA	QI	EQ	FG	KG	SI	MK	LG	QT	EQ	LD	IE	SV	TG	SL	GL	LD	IA	LG	IG	GL	PM	GR	76		
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....MSD	DK	SK	LA	AA	LA	QI	IE	KS	FG	KG	AI	MK	MD	GS	Q	Q	EE	N	LE	VI	ST	GS	GL	LD	IA	LG	VG	GL	PR	GR	60					
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....MSD	DK	SK	LA	AA	LA	QI	IE	KS	FG	KG	AI	MK	MD	GS	Q	Q	EE	N	LE	VI	ST	GS	GL	LD	IA	LG	VG	GL	PR	GR	60					
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....MSD	DK	SK	LA	AA	LA	QI	IE	KS	FG	KG	AI	MK	MD	GS	Q	Q	EE	N	LE	VI	ST	GS	GL	LD	IA	LG	VG	GL	PR	GR	60					
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSA	EK	QA	LA	AA	LA	QI	IE	KQ	FG	KG	SI	MK	MG	DA	EV	EP	VQ	VST	TG	SL	GL	LD	IA	LG	VG	GL	PR	GR	68								
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDEN	KQ	KA	LA	AA	AL	GQ	IE	KQ	FG	KG	SI	MR	LD	GN	RAM	D	V	ET	IS	TG	SL	SL	LD	IA	LG	AG	GL	PM	GR	59						
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDEN	KQ	KA	LA	AA	AL	GQ	IE	KQ	FG	KG	SI	MR	LD	GN	RAM	D	V	ET	IS	TG	SL	SL	LD	IA	LG	AG	GL	PM	GR	59						
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDDN	KS	KA	LA	QA	AL	SQ	IE	KQ	FG	KN	TV	MR	LD	GN	TV	Q	A	VE	AV	ST	GS	LT	LD	IA	LG	IG	GL	PK	GR	59						
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDEN	KS	KA	LA	QA	AL	SQ	IE	KQ	FG	KN	TV	MR	LD	GN	TV	Q	A	VE	AV	ST	GS	LT	LD	IA	LG	IG	GL	PK	GR	59						
NTDB id 1205 PSJM300 05545 AFN77183.1	.....MDEN	KK	RA	LA	AA	AL	GQ	IE	KQ	FG	KG	AV	MR	MD	GH	DR	QA	IP	SI	TG	SL	GL	LD	IA	LG	IG	GL	PK	GR	59							
consensus		**	**	**	*	**	!	!	*****	*	*	***!***!!*!!!	*	***!***!!*!!!	!	!	!!!																					

logo

		IEE	
NTDB id 45923	CPK RS05460 WP 010883399.1	...	353
NTDB id 600	KW2 RS01765 WP 011675413.1	...	387
NTDB id 269	KZH43 RS08665 WP 001085462.1	IEE	388
NTDB id 228	SPD RS09265 WP 001085462.1	IEE	388
NTDB id 194	SPR RS08825 WP 001085462.1	IEE	388
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
NTDB id 453	Spy49 1753c ACI62003.1	D..	378
NTDB id 408	SMU RS09530 WP 002262392.1	D..	383
NTDB id 115	BSU 16940 NP 389576.2	...	348
NTDB id 625	LCA RS02525 WP 011374196.1	...	355
NTDB id 1313	DR RS12030 WP 010888966.1	...	363
NTDB id 1245	Cj1673c YP 002345041.1	...	343
NTDB id 1211	C694 RS00795 WP 000963128.1	...	347
NTDB id 1214	NCTC11637 00359 SQJ03206.1	...	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 1022	ACIAD RS06390 WP 004925639.1	...	349
NTDB id 1074	ABD1 RS10195 WP 000344167.1	...	349
NTDB id 1205	PSJM300 05545 AFN77183.1	...	347

consensus

 non conserved
 similar
 ≥ 50% conserved