

logo



NTDB id 600 KW2 RS01765 WP 011675413.1	I	D	S	V	A	A	L	V	P	K	A	E	I	G	D	S	S	V	G	L	Q	A	R	M	S	Q	A	M	R	K	L	A	G	H	I	N	K	T	K	T	T	A	I	F	I	N	Q	L	R	E	K	V	G	V	M	.	F	G	S	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	S	V	235						
NTDB id 269 KZH43 RS08665 WP 001085462.1	V	D	S	V	A	A	L	V	P	R	A	E	I	D	G	I	G	D	S	H	V	G	L	Q	A	R	M	S	Q	A	M	R	K	L	G	A	S	I	N	K	T	K	T	I	A	I	F	I	N	Q	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	S	V	234			
NTDB id 228 SPD RS09265 WP 001085462.1	V	D	S	V	A	A	L	V	P	R	A	E	I	D	G	I	G	D	S	H	V	G	L	Q	A	R	M	S	Q	A	M	R	K	L	G	A	S	I	N	K	T	K	T	I	A	I	F	I	N	Q	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	S	V	234			
NTDB id 194 SPR RS08825 WP 001085462.1	V	D	S	V	A	A	L	V	P	R	A	E	I	D	G	I	G	D	S	H	V	G	L	Q	A	R	M	S	Q	A	M	R	K	L	G	A	S	I	N	K	T	K	T	I	A	I	F	I	N	Q	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	S	V	234			
NTDB id 159 SP RS09750 WP 001085462.1	V	D	S	V	A	A	L	V	P	R	A	E	I	D	G	I	G	D	S	H	V	G	L	Q	A	R	M	S	Q	A	M	R	K	L	G	A	S	I	N	K	T	K	T	I	A	I	F	I	N	Q	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	S	V	234			
NTDB id 527 SMSK321 RS11065 WP 001085454.1	V	D	S	V	A	A	L	V	P	R	A	E	I	D	G	I	G	D	S	H	V	G	L	Q	A	R	M	S	Q	A	M	R	K	L	G	A	S	I	N	K	T	K	T	I	A	I	F	I	N	Q	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	S	V	234			
NTDB id 499 SM12261 RS08315 WP 078228268.1	V	D	S	V	A	A	L	V	P	R	A	E	I	D	G	I	G	D	S	H	V	G	L	Q	A	R	M	S	Q	A	M	R	K	L	G	A	S	I	N	K	T	K	T	I	A	I	F	I	N	Q	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	S	V	234			
NTDB id 453 Spy49 1753c ACI62003.1	V	D	S	V	A	A	L	V	P	R	A	E	I	D	G	I	G	D	S	H	V	G	L	Q	A	R	M	S	Q	A	M	R	K	L	S	A	S	I	N	K	T	K	T	I	A	I	F	I	N	Q	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	S	V	234			
NTDB id 408 SMU RS09530 WP 002262392.1	V	D	S	V	A	A	L	V	P	R	A	E	I	D	G	I	G	D	S	H	V	G	L	Q	A	R	M	S	Q	A	M	R	K	L	S	A	S	I	N	K	T	K	T	I	A	I	F	I	N	Q	L	R	E	K	V	G	I	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	S	S	V	234			
NTDB id 115 BSU 16940 NP 389576.2	V	D	S	V	A	A	L	V	P	K	A	E	I	E	G	D	M	G	D	S	H	V	G	L	Q	A	R	L	M	S	Q	A	L	R	K	L	S	G	A	I	N	K	S	K	T	I	A	I	F	I	N	Q	I	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	S	S	V	219	
NTDB id 625 LCA RS02525 WP 011374196.1	V	D	S	V	A	A	L	V	P	R	A	E	I	E	G	E	M	G	D	A	H	V	G	L	Q	A	R	L	M	S	Q	A	L	R	K	L	S	G	T	I	N	K	T	K	T	I	A	L	F	I	N	Q	I	R	E	K	V	G	V	M	.	F	G	N	P	E	V	T	P	G	G	R	A	L	K	F	Y	S	T	V	221	
NTDB id 1313 DR RS12030 WP 010888966.1	V	D	S	V	A	A	L	T	P	R	A	E	I	E	G	D	M	G	D	S	L	P	L	Q	A	R	L	M	S	Q	A	L	R	K	L	T	A	I	L	S	K	T	G	T	A	A	I	F	I	N	Q	V	R	E	K	I	G	V	M	.	Y	G	N	P	E	T	T	T	P	G	G	R	A	L	K	F	Y	A	S	V	233	
NTDB id 1245 Cj1673c YP 002345041.1	V	D	S	V	A	A	L	T	P	K	A	E	I	E	G	D	M	G	D	Q	H	V	G	L	Q	A	R	L	M	S	Q	A	L	R	K	L	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	P	G	G	N	A	L	K	F	Y	A	S	V	221
NTDB id 1211 C694 RS00795 WP 000963128.1	V	D	S	V	A	A	L	T	P	K	A	E	I	D	G	D	M	G	D	Q	H	V	G	L	Q	A	R	L	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	P	G	G	N	A	L	K	F	Y	A	S	V	223
NTDB id 1214 NCTC11637 00359 SQJ03206.1	V	D	S	V	A	A	L	T	P	K	A	E	I	D	G	D	M	G	D	Q	H	V	G	L	Q	A	R	L	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	P	G	G	N	A	L	K	F	Y	A	S	V	223
NTDB id 1334 RAOC RS04870 WP 004918236.1	V	D	S	V	A	A	L	T	P	K	A	E	I	D	G	D	M	G	D	S	K	M	G	L	H	A	R	L	M	S	Q	A	L	R	K	L	T	S	S	I	S	K	T	K	T	V	I	F	I	N	Q	L	R	D	K	I	G	V	M	.	F	G	S	P	E	T	T	T	P	G	G	N	A	L	K	F	Y	A	S	V	229	
NTDB id 1130 NGFG RS03960 WP 003688695.1	V	D	S	V	A	A	L	V	P	K	A	E	I	E	G	D	M	G	D	S	H	V	G	L	Q	A	R	L	M	S	Q	A	L	R	K	L	T	G	H	I	K	T	N	T	L	V	V	F	I	N	Q	I	R	M	K	I	G	V	M	.	F	G	S	P	E	T	T	T	P	G	G	N	A	L	K	F	Y	S	S	V	221	
NTDB id 1124 NGFG RS03960 WP 003688695.1	V	D	S	V	A	A	L	V	P	K	A	E	I	E	G	D	M	G	D	S	H	V	G	L	Q	A	R	L	M	S	Q	A	L	R	K	L	T	G	H	I	K	T	N	T	L	V	V	F	I	N	Q	I	R	M	K	I	G	V	M	.	F	G	S	P	E	T	T	T	P	G	G	N	A	L	K	F	Y	S	S	V	221	
NTDB id 1123 OK783 RS03845 WP 003688695.1	V	D	S	V	A	A	L	V	P	K	A	E	I	E	G	D	M	G	D	S	H	V	G	L	Q	A	R	L	M	S	Q	A	L	R	K	L	T	G	H	I	K	T	N	T	L	V	V	F	I	N	Q	I	R	M	K	I	G	V	M	.	F	G	S	P	E	T	T	T	P	G	G	N	A	L	K	F	Y	S	S	V	221	
NTDB id 99435 LINBF2 RS12635 WP 281889358.1	V	D	S	V	A	A	L	T	P	K	A	E	I	E	G	D	M	G	D	S	L	P	L	Q	A	R	L	M	S	Q	A	L	R	K	L	T	A	S	I	K	T	N	C	T	V	I	F	I	N	Q	I	R	M	K	I	G	V	M	.	F	G	S	P	E	T	T	T	P	G	G	N	A	L	K	F	Y	A	S	V	228		
NTDB id 1427 RS RS02760 WP 011000510.1	I	D	S	V	A	A	L	V	P	K	A	E	I	E	G	E	M	G	D	A	L	P	L	Q	A	R	L	M	S	Q	A	L	R	K	L	T	G	T	I	K	R	T	N	C	L	V	I	F	I	N	Q	I	R	M	K	I	G	V	M	.	F	G	S	P	E	T	T	T	P	G	G	N	A	L	K	F	Y	A	S	V	229	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	V	D	S	V	A	A	L	T	P	K	A	E	I	E	G	D	M	G	D	S	H	M	G	L	Q	A	R	L	M	S	Q	A	L	R	K	L	T	A	N	I	K	N	T	N	C	L	V	V	F	I	N	Q	I	R	M	K	I	G	V	M	.	F	G	N	P	E	T	T	T	P	G	G	N	A	L	K	F	Y	A	S	V	237
NTDB id 1165 A1552VC RS01565 WP 000344154.1	V	D	S	V	A	A	L	T	P	K	A	E	I	E	G	E	M	G	D	S	H	M	G	L	Q	A	R	M	L	S	Q	A	M	R	K	L	T	G	N	L	K	Q	S	N	C	M	C	I	F	I	N	Q	I	R	M	K	I	G	V	M	.	F	G	N	P	E	T	T	T	P	G	G	N	A	L	K	F	Y	A	S	V	220
NTDB id 1142 GTF74 RS11550 WP 000344154.1	V	D	S	V	A	A	L	T	P	K	A	E	I	E	G	E	M	G	D	S	H	M	G	L	Q	A	R	M	L	S	Q	A	M	R	K	L	T	G	N	L	K	Q	S	N	C	M	C	I	F	I	N	Q	I	R	M	K	I	G	V	M	.	F	G	N	P	E	T	T	T	P	G	G	N	A	L	K	F	Y	A	S	V	220
NTDB id 1074 ABD1 RS10195 WP 000344167.1	V	D	S	V	A	A	L	T	P	K	A	E	I	E	G	E	M	G	D	S	H	M	G	L	Q	A	R	L	M	S	Q	A	L	R	K	I	T	G	N	A	K	R	S	N	C	M	V	I	F	I	N	Q	I	R	M	K	I	G	V	M	.	F	G	S	P	E	T	T	T	P	G	G	N	A	L	K	F	Y	A	S	V	220
NTDB id 1022 ACIAD RS06390 WP 004925639.1	V	D	S	V	A	A	L	T	P	K	A	E	I	E	G	E	M	G	D	S	H	M	G	L	Q	A	R	L	M	S	Q	A	L	R	K	I	T	G	N	A	K	R	S	N	C	M	V	I	F	I	N	Q	I	R	M	K	I	G	V	M	.	F	G	S	P	E	T	T	T	P	G	G	N	A	L	K	F	Y	A	S	V	220
NTDB id 1205 PSJM300 05545 AFN77183.1	V	D	S	V	A	A	L	V	P	K	A	E	I	E	G	E	M	G	D	A	H	V	G	L	Q	A	R	L	M	S	Q	A	L	R	K	I	T	G	N																																											

logo

NTDB id 600	KW2	RS01765	WP 011675413.1	RLDVRG	STKIEEGS	.GDNKTQ	IGK	ITK	IKVV	KNKV	VAPP	PFK	VAL	VDIM	FGEGIS	STGEL	INTA	VEEG	TI	IKKS	GAW	FAY	NDE	314																																																										
NTDB id 269	KZH43	RS08665	WP 001085462.1	RLDVRG	NTQIKGTG	.DQKETN	VGK	ETK	IKVV	KNKV	VAPP	PFK	EAV	VEIM	YGGEGIS	KTGEL	LKIAS	SDL	DI	IKK	GAW	YSY	KDE	313																																																										
NTDB id 228	SPD	RS09265	WP 001085462.1	RLDVRG	NTQIKGTG	.DQKETN	VGK	ETK	IKVV	KNKV	VAPP	PFK	EAV	VEIM	YGGEGIS	KTGEL	LKIAS	SDL	DI	IKK	GAW	YSY	KDE	313																																																										
NTDB id 194	SPR	RS08825	WP 001085462.1	RLDVRG	NTQIKGTG	.DQKETN	VGK	ETK	IKVV	KNKV	VAPP	PFK	EAV	VEIM	YGGEGIS	KTGEL	LKIAS	SDL	DI	IKK	GAW	YSY	KDE	313																																																										
NTDB id 159	SP	RS09750	WP 001085462.1	RLDVRG	NTQIKGTG	.DQKETN	VGK	ETK	IKVV	KNKV	VAPP	PFK	EAV	VEIM	YGGEGIS	KTGEL	LKIAS	SDL	DI	IKK	GAW	YSY	KDE	313																																																										
NTDB id 527	SMSK321	RS11065	WP 001085454.1	RLDVRG	STQIKGTG	.DQKDTN	VGK	ETK	IKVV	KNKV	VAPP	PFK	EAF	VEIM	YGGEGIS	KTGEL	LKIAS	SDL	DI	IKK	GAW	YSY	KDE	313																																																										
NTDB id 499	SM12261	RS08315	WP 078228268.1	RLDVRG	STQIKGTG	.DQKDTN	VGK	ETK	IKVV	KNKV	VAPP	PFK	EAF	VEIM	YGGEGIS	KTGEL	LKIAS	SDL	DI	IKK	GAW	YSY	KDE	313																																																										
NTDB id 453	Spy49	1753c	ACI62003.1	RLDVRG	TQIKGTG	.DQKDSI	IGK	ETK	IKVV	KNKV	VAPP	PFK	VAE	VEIM	YGGEGIS	RTEGEL	VKIAS	SDL	DI	IKK	GAW	FSY	NGE	313																																																										
NTDB id 408	SMU	RS09530	WP 002262392.1	RLDVRG	NTQIKGTG	.EQKDSN	IGK	ETK	IKVV	KNKV	VAPP	PFK	EAF	VEI	YGGEGIS	RTEGEL	VKIAS	SDL	GII	QK	GAW	YSY	NGE	313																																																										
NTDB id 115	BSU	16940	NP 389576.2	RL	EV	RAEQ	LKQGN	DV	MGN	TKI	KVV	KNKV	VAPP	FR	TAE	VDIM	YGGEGIS	KEGE	IIDL	GT	ELDI	VQK	SGSW	SYEEE	294																																																								
NTDB id 625	LCA	RS02525	WP 011374196.1	RL	EV	RAET	IKNGT	DM	IGN	RARI	KVV	KNKV	VAPP	FK	VAE	VDIM	YGGEGIS	RTEGEL	VDMA	VEK	DI	INK	SGSW	SYGSE	296																																																								
NTDB id 1313	DR	RS12030	WP 010888966.1	RLDVR	KIG	QPT	KVGN	DAV	ANT	VKI	KT	VKN	KVA	AP	FE	VEL	ALV	YGG	GF	DL	QSD	LVGL	AAD	MDI	IKK	G	SF	SYGDE	309																																																				
NTDB id 1245	Cj1673c	YP 002345041.1	RLDVR	KVA	TL	KQN	E	E	IGN	R	V	K	V	V	K	N	K	V	A	P	P	F	R	Q	A	E	F	D	V	M	F	G	E	L	S	R	E	G	E	L	I	D	Y	G	V	K	L	D	I	V	D	K	S	G	A	W	F	S	Y	K	D	K	296																		
NTDB id 1211	C694	RS00795	WP 000963128.1	R	I	D	I	R	R	I	A	SL	KQ	N	E	Q	H	I	G	N	R	A	K	A	K	V	V	K	N	K	V	A	P	P	F	R	E	A	E	F	D	I	M	F	G	E	G	I	S	K	E	G	E	I	I	D	Y	G	V	K	L	D	I	V	D	K	S	G	A	W	L	S	Y	Q	D	K	298				
NTDB id 1214	NCTC11637	00359	SQJ03206.1	R	I	D	I	R	R	I	A	AL	KQ	N	E	Q	H	I	G	N	R	A	K	A	K	V	V	K	N	K	V	A	P	P	F	R	E	A	E	F	D	I	M	F	G	E	G	I	S	K	E	G	E	I	I	D	Y	G	V	K	L	D	I	V	D	K	S	G	A	W	L	S	Y	Q	D	K	298				
NTDB id 1334	RAOC	RS04870	WP 004918236.1	R	I	D	I	R	R	S	L	S	D	T	G	K	I	K	D	K	S	G	E	V	I	G	N	R	T	K	V	V	K	N	K	V	A	P	P	F	R	S	A	E	F	D	I	M	Y	G	G	V	S	K	V	G	E	I	L	D	V	A	T	D	L	D	I	I	Q	K	S	G	S	W	F	S	Y	Q	D	T	K	309
NTDB id 1130	NGFG	RS03960	WP 003688695.1	RLD	I	R	R	T	G	SI	KK	G	E	E	V	L	G	N	E	T	R	V	K	V	I	K	N	K	V	A	P	P	F	R	Q	A	E	F	D	I	L	Y	G	E	G	I	S	W	E	G	E	L	I	D	I	G	V	K	N	D	I	INK	S	G	A	W	S	Y	NGA	296											
NTDB id 1124	NGFG	RS03960	WP 003688695.1	RLD	I	R	R	T	G	SI	KK	G	E	E	V	L	G	N	E	T	R	V	K	V	I	K	N	K	V	A	P	P	F	R	Q	A	E	F	D	I	L	Y	G	E	G	I	S	W	E	G	E	L	I	D	I	G	V	K	N	D	I	INK	S	G	A	W	S	Y	NGA	296											
NTDB id 99435	LINBF2	RS12635	WP 281889358.1	RLD	I	R	R	T	G	TI	KRG	D	E	A	V	G	N	E	T	K	V	V	K	N	K	V	A	P	P	F	R	K	T	A	E	F	D	I	L	F	G	E	G	I	S	R	Q	G	E	I	I	D	M	G	V	N	A	K	V	I	E	K	S	G	A	W	Y	A	Y	Q	G	E	303								
NTDB id 1427	RS	RS02760	WP 011000510.1	RLD	I	R	R	I	G	SI	KK	G	D	E	V	V	G	N	E	T	K	V	V	K	N	K	V	A	P	P	F	R	E	A	I	F	D	I	L	Y	G	A	G	V	S	R	E	G	E	I	I	D	L	G	V	E	A	K	V	V	E	K	S	G	A	W	S	Y	NGE	304											
NTDB id 1389	A4U84	RS07560	WP 021112712.1	RLD	I	R	R	C	G	VV	KDG	D	E	I	I	G	S	E	T	K	V	V	K	N	K	V	A	P	P	F	R	E	V	Q	F	D	I	M	Y	G	E	G	I	S	R	M	N	E	L	L	I	L	A	E	A	N	G	F	I	K	K	S	G	A	W	F	S	Y	D	G	T	K	312								
NTDB id 1165	A1552VC	RS01565	WP 000344154.1	RLD	I	R	R	T	G	AI	KEG	E	E	V	V	G	N	E	T	R	I	K	V	V	K	N	K	I	A	A	P	F	K	E	A	N	T	Q	I	M	Y	G	G	F	N	R	E	G	E	L	I	D	L	G	V	K	H	K	M	V	E	K	S	G	A	W	S	Y	NGD	295											
NTDB id 1142	GTF74	RS11550	WP 000344154.1	RLD	I	R	R	T	G	AI	KEG	E	E	V	V	G	N	E	T	R	I	K	V	V	K	N	K	I	A	A	P	F	K	E	A	N	T	Q	I	M	Y	G	G	F	N	R	E	G	E	L	I	D	L	G	V	K	H	K	M	V	E	K	S	G	A	W	S	Y	NGD	295											
NTDB id 1074	ABD1	RS10195	WP 000344167.1	RLD	I	R	R	I	G	QV	KEG	D	E	I	I	V	G	S	E	T	K	V	V	K	N	K	M	A	P	P	F	K	E	A	I	F	Q	I	L	Y	G	K	G	T	N	Q	L	G	E	L	V	D	L	A	V	Q	Q	D	I	V	Q	K	A	G	A	W	S	Y	Q	G	N	295									
NTDB id 1022	ACIAD	RS06390	WP 004925639.1	RLD	I	R	R	I	G	QV	KEG	D	E	I	I	V	G	S	E	T	K	V	V	K	N	K	M	A	P	P	F	K	E	A	I	F	Q	I	L	Y	G	K	G	V	N	Q	L	G	E	L	V	D	L	A	V	Q	Q	N	I	V	Q	K	A	G	A	W	S	Y	Q	G	N	295									
NTDB id 1205	PSJM300	05545	AFN77183.1	RLD	I	R	R	T	G	AV	KEG	D	E	V	V	G	S	E	T	R	V	K	V	V	K	N	K	V	A	P	P	F	R	Q	A	E	F	Q	I	L	Y	G	K	G	I	Y	R	N	G	E	I	I	D	L	G	V	Q	Q	L	V	E	K	S	G	A	W	Y	A	Y	K	G	S	295								

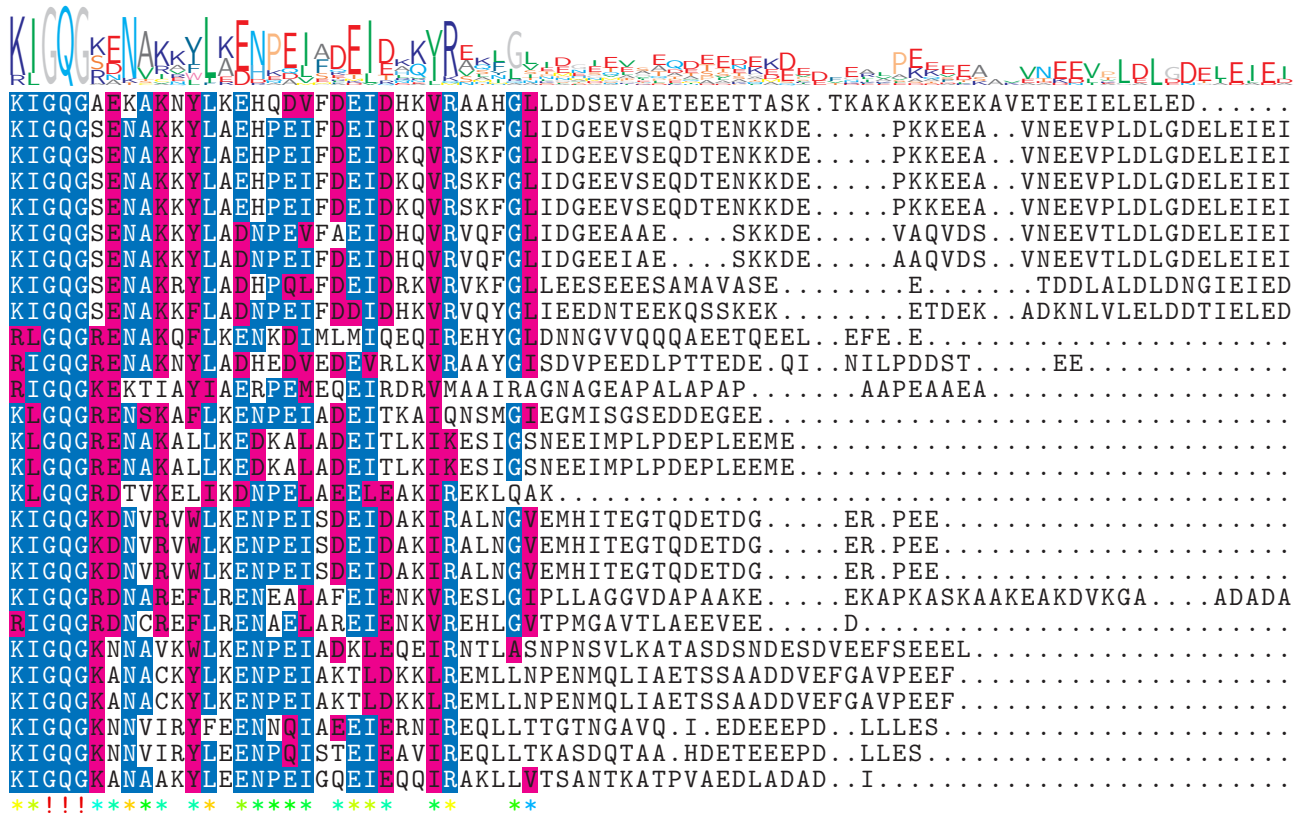
consensus

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

logo

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 527 SMSK321 RS11065 WP 001085454.1
 NTDB id 499 SM12261 RS08315 WP 078228268.1
 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 1211 C694 RS00795 WP 000963128.1
 NTDB id 1214 NCTC11637 00359 SQJ03206.1
 NTDB id 1334 RAOC RS04870 WP 004918236.1
 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 99435 LINBF2 RS12635 WP 281889358.1
 NTDB id 1427 RS RS02760 WP 011000510.1
 NTDB id 1389 A4U84 RS07560 WP 021112712.1
 NTDB id 1165 A1552VC RS01565 WP 000344154.1
 NTDB id 1142 GTF74 RS11550 WP 000344154.1
 NTDB id 1074 ABD1 RS10195 WP 000344167.1
 NTDB id 1022 ACIAD RS06390 WP 004925639.1
 NTDB id 1205 PSJM300 05545 AFN77183.1

consensus



logo

NTDB id 600 KW2 RS01765 WP 011675413.1	.....	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	EE...	388
NTDB id 228 SPD RS09265 WP 001085462.1	EE...	388
NTDB id 194 SPR RS08825 WP 001085462.1	EE...	388
NTDB id 159 SP RS09750 WP 001085462.1	EE...	388
NTDB id 527 SMSK321 RS11065 WP 001085454.1	EE...	384
NTDB id 499 SM12261 RS08315 WP 078228268.1	EE...	384
NTDB id 453 Spy49 1753c ACI62003.1	.....	378
NTDB id 408 SMU RS09530 WP 002262392.1	.....	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 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 99435 LINBF2 RS12635 WP 281889358.1	DGVVA	379
NTDB id 1427 RS RS02760 WP 011000510.1	.....	352
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.....	372
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....	354
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....	349
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....	349
NTDB id 1205 PSJM300 05545 AFN77183.1	.....	347

consensus

non conserved
 similar
 ≥ 50% conserved