









logo



NTDB id 600	KW2	RS01765	WP	011675413.1	KIGQGA	EKA	KNYL	KEHQ	DV	FDEI	DHK	VRAAH	GL	DDSE	VAETE	EEETT	ASKTK	KAKAK	KKEEK	AVETE	EEIE	LELED	.....	387																																								
NTDB id 269	KZH43	RS08665	WP	001085462.1	KIGQGS	ENAK	KYLA	EHPE	IFDE	IDKQ	VRSKF	GL	IDGEE	VSEQ	DTE	NKK	DE	PK	KEEA	VNEE	VPLD	LGDE	LEIEIE	387																																								
NTDB id 228	SPD	RS09265	WP	001085462.1	KIGQGS	ENAK	KYLA	EHPE	IFDE	IDKQ	VRSKF	GL	IDGEE	VSEQ	DTE	NKK	DE	PK	KEEA	VNEE	VPLD	LGDE	LEIEIE	387																																								
NTDB id 194	SPR	RS08825	WP	001085462.1	KIGQGS	ENAK	KYLA	EHPE	IFDE	IDKQ	VRSKF	GL	IDGEE	VSEQ	DTE	NKK	DE	PK	KEEA	VNEE	VPLD	LGDE	LEIEIE	387																																								
NTDB id 159	SP	RS09750	WP	001085462.1	KIGQGS	ENAK	KYLA	EHPE	IFDE	IDKQ	VRSKF	GL	IDGEE	VSEQ	DTE	NKK	DE	PK	KEEA	VNEE	VPLD	LGDE	LEIEIE	387																																								
NTDB id 499	SM12261	RS08315	WP	078228268.1	KIGQGS	ENAK	KYLAD	NPEI	FDEI	DHQV	RVVQ	FGL	IDGEE	IAES	KK	DE	AA	QVDS	VNEE	VTL	LDL	GD	LEIEIE	383																																								
NTDB id 527	SMSK321	RS11065	WP	001085454.1	KIGQGS	ENAK	KYLAD	NPEV	FAE	IDHQ	RVVQ	FGL	IDGEE	AAES	KK	DE	VA	QVDS	VNEE	VTL	LDL	GD	LEIEIE	383																																								
NTDB id 453	Spy49	1753c	ACI62003.1	KIGQGS	ENAK	RYLAD	HPQL	FDEI	DRK	VRVK	FGL	LEESE	EEES	AMAV	ASE	E	TDD	LAL	DL	DN	GI	EIED	378																																									
NTDB id 408	SMU	RS09530	WP	002262392.1	KIGQGS	ENAK	KFLAD	NPEI	FDDI	DHK	VRVQ	YGL	IEED	NTE	EK	QSS	KEK	ET	DEK	AD	KN	LV	LELD	DTIE	LED	383																																						
NTDB id 115	BSU	16940	NP	389576.2	RLGQGR	ENAK	QFL	KEN	KD	IM	LM	IQ	EQ	IRE	H	Y	G	L	D	N	G	V	V	Q	Q	A	E	E	T	Q	E	E	L	E	F	E	E	.....	348																									
NTDB id 625	LCA	RS02525	WP	011374196.1	RIGQGR	ENAK	NYLAD	HED	VE	DE	VRL	KV	RA	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																					
NTDB id 1313	DR	RS12030	WP	010888966.1	RIGQGK	EKT	IAY	I	A	E	R	P	E	M	E	Q	E	I	R	D	R	V	M	A	A	I	R	A	G	N	A	G	E	A	P	A	L	A	P	A	P	.....	363																					
NTDB id 1095697	ACLM42	RS09635	WP	247911836.1	NIGQGR	DNT	I	T	W	L	E	Q	N	N	T	E	K	D	A	I	E	V	K	V	R	Q	K	L	S	E	T	T	D	S	L	K	P	V	A	T	A	A	A	K	L	A	A	S	G	S	A	S	S	S	K	E	Q	A	L	P	A	S	.....	370
NTDB id 1245	Cj1673c	YP	002345041.1	KLGGGR	ENSK	AF	L	K	E	N	P	E	I	A	D	E	I	T	K	A	I	Q	N	S	M	G	I	E	G	M	I	S	G	S	E	D	E	.....	343																									
NTDB id 1211	C694	RS00795	WP	000963128.1	KLGGGR	ENAK	A	L	L	K	E	D	K	A	L	A	D	E	I	T	L	K	I	K	E	S	I	G	S	N	E	E	I	M	P	L	P	D	E	.....	347																							
NTDB id 1214	NCTC11637	00359	SQJ03206.1	KLGGGR	ENAK	A	L	L	K	E	D	K	A	L	A	D	E	I	T	L	K	I	K	E	S	I	G	S	N	E	E	I	M	P	L	P	D	E	.....	347																								
NTDB id 1334	RAOC	RS04870	WP	004918236.1	KLGGGR	D	T	V	K	E	L	I	K	D	N	P	E	L	A	E	L	E	A	K	I	R	E	K	L	Q	A	K	.....	343																														
NTDB id 1389	A4U84	RS07560	WP	021112712.1	KIGQGX	NN	AV	K	W	L	K	E	N	P	E	I	A	D	K	L	E	Q	E	I	R	N	T	L	A	S	N	P	N	S	V	L	K	A	T	A	S	D	S	.....	372																			
NTDB id 1130	NGFG	RS03960	WP	003688695.1	KIGQGX	DN	VR	V	W	L	K	E	N	P	E	I	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	KIGQGX	DN	VR	V	W	L	K	E	N	P	E	I	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	KIGQGX	DN	VR	V	W	L	K	E	N	P	E	I	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	RIGQGR	D	N	C	R	E	F	L	R	E	N	A	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	.....	352																					
NTDB id 1165	A1552VC	RS01565	WP	000344154.1	KIGQGX	KA	N	A	C	K	Y	L	K	E	N	P	E	I	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	.....	354																	
NTDB id 1142	GTF74	RS11550	WP	000344154.1	KIGQGX	KA	N	A	C	K	Y	L	K	E	N	P	E	I	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	.....	354																	
NTDB id 1022	ACIAD	RS06390	WP	004925639.1	KIGQGX	NN	V	I	R	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	A	.....	349																							
NTDB id 1074	ABD1	RS10195	WP	000344167.1	KIGQGX	NN	V	I	R	Y	L	E	E	N	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	.....	349																						
NTDB id 1205	PSJM300	05545	AFN77183.1	KIGQGX	KA	N	A	A	K	Y	L	E	E	N	P	E	I	G	Q	E	I	E	Q	I	R	A	K	L	L	V	T	S	A	N	T	K	A	T	P	V	A	E	D	.....	347																			

consensus

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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 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 1095697 ACLM42 RS09635 WP 247911836.1	.	370
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