

logo



NTDB id 600	KW2	RS01765	WP 011675413.1	SVRLDVRG	STKIEEGS	.GDNKTQ	IGKI	TKIKVV	KNKVAPP	PFKVAL	VDIM	F	GEGIS	STGEL	INTAVE	E	EGIT	TKKS	GAWF	AYN	312																														
NTDB id 269	KZH43	RS08665	WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVV	KNKVAPP	PFKEAV	VEIM	Y	GEGIS	KTGEL	LKIAS	DLDI	TKK	GAW	YSYK		311																														
NTDB id 228	SPD	RS09265	WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVV	KNKVAPP	PFKEAV	VEIM	Y	GEGIS	KTGEL	LKIAS	DLDI	TKK	GAW	YSYK		311																														
NTDB id 194	SPR	RS08825	WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVV	KNKVAPP	PFKEAV	VEIM	Y	GEGIS	KTGEL	LKIAS	DLDI	TKK	GAW	YSYK		311																														
NTDB id 159	SP	RS09750	WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKETN	VGKETK	IKVV	KNKVAPP	PFKEAV	VEIM	Y	GEGIS	KTGEL	LKIAS	DLDI	TKK	GAW	YSYK		311																														
NTDB id 499	SM12261	RS08315	WP 078228268.1	SVRLDVRG	STQIKGTG	.DQKDTN	VGKETK	IKVV	KNKVAPP	PFKEAF	VEIM	Y	GEGIS	KTGEL	LKIAS	DLDI	TKK	GAW	YSYK		311																														
NTDB id 527	SMSK321	RS11065	WP 001085454.1	SVRLDVRG	STQIKGTG	.DQKDTN	VGKETK	IKVV	KNKVAPP	PFKEAF	VEIM	Y	GEGIS	KTGEL	LKIAS	DLDI	TKK	GAW	YSYK		311																														
NTDB id 453	Spy49	1753c	ACI62003.1	SVRLDVRG	TQIKGTG	.DQKDS	IGKETK	IKVV	KNKVAPP	PFKVAE	VEIM	Y	GEGIS	R	TGEL	VKIAS	DLDI	TKK	GAW	FSYN	311																														
NTDB id 408	SMU	RS09530	WP 002262392.1	SVRLDVRG	NTQIKGTG	.EQKDSN	IGKETK	IKVV	KNKVAPP	PFKEAF	VEIM	Y	GEGIS	R	TGEL	VKIAS	DLGI	TKK	GAW	YSYN	311																														
NTDB id 625	LCA	RS02525	WP 011374196.1	TVRLEVR	RAETIKNGTDM	IGNRAR	IKVV	KNKVAPP	PFKVAE	VDIM	Y	G	GIS	R	TGEL	VDMA	VEKDI	TKS	GS	W	SYG	294																												
NTDB id 345271	EXW58	RS17270	WP 002111333.1	TVRLEVR	RAEQLKQGNDI	VGNKTK	VV	KNKVAPP	PFRAE	VDIM	Y	GEGIS	R	E	GEL	DMASE	L	DIV	QK	S	GAW	YSYN	90																											
NTDB id 115	BSU	16940	NP 389576.2	SVRLEVR	RAEQLKQGNDV	MGNKTK	IKVV	KNKVAPP	PFRTAE	VDIM	Y	GEGIS	K	E	GEL	IDL	GTE	L	DIV	QK	S	G	W	SYE	292																									
NTDB id 1313	DR	RS12030	WP 010888966.1	SVRLDVR	KIGQ....	PTKVG	NDAV	ANTVK	IKTV	KNKVA	APFKE	VEL	L	VY	G	K	G	F	D	Q	L	S	D	L	V	G	L	A	D	M	D	I	TKK	A	G	S	F	Y	S	Y	307										
NTDB id 1245	Cj1673c	YP 002345041.1	SVRLDVR	KVAT....	L.KQNE	EPI	GNRV	VV	KNKVAPP	PFQA	EFD	V	M	F	G	E	L	S	R	E	G	E	L	I	D	I	G	V	K	L	D	I	V	D	K	S	G	A	W	F	Y	S	Y	294							
NTDB id 1211	C694	RS00795	WP 000963128.1	SVRIDIR	RIAS....	L.KQNE	QHIGN	RAK	AKVV	KNKVAPP	PFRE	A	E	F	D	I	M	F	G	E	G	I	S	K	E	G	E	I	D	Y	G	V	K	L	D	I	V	D	K	S	G	A	W	L	S	Y	Q	296			
NTDB id 1214	NCTC11637	00359	SQJ03206.1	SVRIDIR	RIAA....	L.KQNE	QHIGN	RAK	AKVV	KNKVAPP	PFRE	A	E	F	D	I	M	F	G	E	G	I	S	K	E	G	E	I	D	Y	G	V	K	L	D	I	V	D	K	S	G	A	W	L	S	Y	Q	296			
NTDB id 1334	RAOC	RS04870	WP 004918236.1	SVRIDIR	RSLS	DTGKIK	DKS	GEVIG	NR	TKV	VV	KNKVAPP	PFKSA	E	F	D	I	M	Y	G	E	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	Y	Q	307		
NTDB id 1389	A4U84	RS07560	WP 021112712.1	SVRLDIR	RCGV....	V.KGD	DEIG	SETK	VV	KNKVAPP	PFREV	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	TKK	S	G	A	W	F	Y	S	D	310				
NTDB id 1130	NGFG	RS03960	WP 003688695.1	SVRLDIR	RTGS....	I.KKG	EEVL	GN	ETRV	KVI	KNKVAPP	PFQA	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	I	N	K	S	G	A	W	Y	S	Y	N	294		
NTDB id 1124	NGFG	RS03960	WP 003688695.1	SVRLDIR	RTGS....	I.KKG	EEVL	GN	ETRV	KVI	KNKVAPP	PFQA	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	I	N	K	S	G	A	W	Y	S	Y	N	294		
NTDB id 1123	OK783	RS03845	WP 003688695.1	SVRLDIR	RTGS....	I.KKG	EEVL	GN	ETRV	KVI	KNKVAPP	PFQA	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	I	N	K	S	G	A	W	Y	S	Y	N	294		
NTDB id 1427	RS	RS02760	WP 011000510.1	SVRLDIR	RIGS....	I.KKG	DEV	GN	ETK	VV	KNKVAPP	PFRE	A	I	F	D	I	L	Y	G	A	G	V	S	R	E	G	E	I	D	L	G	V	E	A	K	V	V	E	K	S	G	A	W	Y	S	Y	N	302		
NTDB id 1165	A1552VC	RS01565	WP 000344154.1	SVRLDIR	RTGA....	I.KEG	EEV	GN	ETRI	KVV	KNKIA	APF	KE	A	N	T	Q	I	M	Y	G	Q	G	F	N	R	E	G	E	L	I	D	L	G	V	K	H	K	M	V	E	K	S	G	A	W	Y	S	Y	N	293
NTDB id 1142	GTF74	RS11550	WP 000344154.1	SVRLDIR	RTGA....	I.KEG	EEV	GN	ETRI	KVV	KNKIA	APF	KE	A	N	T	Q	I	M	Y	G	Q	G	F	N	R	E	G	E	L	I	D	L	G	V	K	H	K	M	V	E	K	S	G	A	W	Y	S	Y	N	293
NTDB id 1022	ACIAD	RS06390	WP 004925639.1	SVRLDIR	RIGQ....	V.KEG	DEI	IG	SETK	VV	KNKM	APF	FR	E	A	I	F	Q	I	L	Y	G	K	G	V	N	Q	L	G	E	L	V	D	L	A	V	Q	N	I	V	Q	K	A	G	A	W	Y	S	Y	Q	293
NTDB id 1074	ABD1	RS10195	WP 000344167.1	SVRLDIR	RIGQ....	V.KEG	DEI	IG	SETK	VV	KNKM	APF	FR	E	A	I	F	Q	I	L	Y	G	K	G	T	N	Q	L	G	E	L	V	D	L	A	V	Q	N	I	V	Q	K	A	G	A	W	Y	S	Y	Q	293
NTDB id 1205	PSJM300	05545	AFN77183.1	SVRLDIR	RTGA....	V.KEG	DEV	VG	SETR	VV	KNKVAPP	PFQA	E	F	Q	I	L	Y	G	K	G	I	Y	R	N	G	E	I	D	L	G	V	Q	Q	L	V	E	K	S	G	A	W	A	Y	K	293					
consensus				*!!**!* * ** *****!!*!!*!!* * *****!*!*** ** * * * * * !!*!!*!!																																															

logo

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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
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NTDB id 115	BSU	16940	NP 389576.2	...	348
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
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NTDB id 1130	NGFG	RS03960	WP 003688695.1	...	348
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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
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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