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NTDB id 600	KW2	RS01765	WP 011675413.1	SVRLDVRGSTKIEE.GSGDNKTQIGKITKIKVVKNKVAPPFKVALVDIMFGEGISSTGELINIAVEEGI	I	IKKSGAWFAYN	312														
NTDB id 269	KZH43	RS08665	WP 001085462.1	SVRLDVRGNTQIKG.TGDQKETN	V	GKETKIKVVKNKVAPPFKEAVVEIMYGGEGISKTGELLKIASDL	DI	IKKAGAWYSYK	311												
NTDB id 228	SPD	RS09265	WP 001085462.1	SVRLDVRGNTQIKG.TGDQKETN	V	GKETKIKVVKNKVAPPFKEAVVEIMYGGEGISKTGELLKIASDL	DI	IKKAGAWYSYK	311												
NTDB id 194	SPR	RS08825	WP 001085462.1	SVRLDVRGNTQIKG.TGDQKETN	V	GKETKIKVVKNKVAPPFKEAVVEIMYGGEGISKTGELLKIASDL	DI	IKKAGAWYSYK	311												
NTDB id 159	SP	RS09750	WP 001085462.1	SVRLDVRGNTQIKG.TGDQKETN	V	GKETKIKVVKNKVAPPFKEAVVEIMYGGEGISKTGELLKIASDL	DI	IKKAGAWYSYK	311												
NTDB id 499	SM12261	RS08315	WP 078228268.1	SVRLDVRGSTQIKG.TGDQKDTN	V	GKETKIKVVKNKVAPPFKEAFVEIMYGGEGISKTGELLKIASDL	DI	IKKAGAWYSYK	311												
NTDB id 527	SMSK321	RS11065	WP 001085454.1	SVRLDVRGSTQIKG.TGDQKDTN	V	GKETKIKVVKNKVAPPFKEAFVEIMYGGEGISKTGELLKIASDL	DI	IKKAGAWYSYK	311												
NTDB id 453	Spy49	1753c	ACI62003.1	SVRLDVRGTTQIKG.TGDQKDS	I	GKETKIKVVKNKVAPPFKVAEVEIMYGGEGISRTGELVKIASDL	DI	I	IKKAGAWFSYN	311											
NTDB id 408	SMU	RS09530	WP 002262392.1	SVRLDVRGNTQIKG.TGEQKDS	I	GKETKIKVVKNKVAPPFKEAFVEIIMYGGEGISRTGELVKIASDL	GI	I	IKKAGAWYSYN	311											
NTDB id 115	BSU	16940	NP 389576.2	SVRLEVRRAEQLKQ.GN...DV	M	GNKTKIKVVKNKVAPPFR	TAEVDIMYGGEGISKEGEI	I	D	LGTELDIVQKSGSWYSYE	292										
NTDB id 625	LCA	RS02525	WP 011374196.1	TVRLEVRRRAETIKN.GT...DM	I	GNRARIKVVKNKVAPPFKVAEVDIMYGGEGISRTGELVDM	AVEKD	I	I	IKKSGSWYSYG	294										
NTDB id 1313	DR	RS12030	WP 010888966.1	SVRLDVRKIGQ...PTKVGND	A	ANTVKIKTKVKNKVAAPFKEVELALVYGGKGF	QDLS	D	L	VGLAADMDI	IKKAGSFYSYG	307									
NTDB id 51296	BGIGA	RS00190	WP 014726366.1	SIRLDIRKGN...QIKNGEKI	L	GNKTRVKKVKNKLSPPFR	TAEFDIMYGGEGISKIGE	I	L	DIGVDLGI	IKKNASWFSYG	295									
NTDB id 1334	RAOC	RS04870	WP 004918236.1	SVRIDIRRSLSDTGKIKDKS	G	EVIGNRTKVVKNKVAPPFKSAEFDIMYGGEGVSKVGEI	L	D	V	ATDLDI	I	IKKSGSWFSYQ	307								
NTDB id 1245	Cj1673c	YP 002345041.1	SVRLDVRKVA...TLKQNEEP	I	GNRVKVVKNKVAPPFR	QAEFDMVFGEGLSREGELIDYGVKLDIV	D	K	S	GAWFSYK	294										
NTDB id 1214	NCTC11637	00359	SQJ03206.1	SVRIDIRRIA...ALKQNEQH	I	GNRAKAKVVKNKVAPPFREAEFDIMFGEGISKEGEI	I	D	Y	GVKLDIV	D	K	S	GAWLSYQ	296						
NTDB id 1211	C694	RS00795	WP 000963128.1	SVRIDIRRIA...SLKQNEQH	I	GNRAKAKVVKNKVAPPFREAEFDIMFGEGISKEGEI	I	D	Y	GVKLDIV	D	K	S	GAWLSYQ	296						
NTDB id 1389	A4U84	RS07560	WP 021112712.1	SVRLDIRRCG...VVKDGEI	I	GSETKVVKNKVAPPFREVQFDIMYGGEGISRMNELL	I	L	A	E	A	N	G	F	I	K	S	GAWFSYD	310		
NTDB id 1130	NGFG	RS03960	WP 003688695.1	SVRLDIRRTG...SIKKGEEV	L	GNETRVKVIKNKVAPPFR	QAEFDILYGGEGISWEGELIDIGVKNDI	I	N	K	S	GAWYSYN	294								
NTDB id 1124	NGFG	RS03960	WP 003688695.1	SVRLDIRRTG...SIKKGEEV	L	GNETRVKVIKNKVAPPFR	QAEFDILYGGEGISWEGELIDIGVKNDI	I	N	K	S	GAWYSYN	294								
NTDB id 1123	OK783	RS03845	WP 003688695.1	SVRLDIRRTG...SIKKGEEV	L	GNETRVKVIKNKVAPPFR	QAEFDILYGGEGISWEGELIDIGVKNDI	I	N	K	S	GAWYSYN	294								
NTDB id 1427	RS	RS02760	WP 011000510.1	SVRLDIRRIG...SIKKGDEV	V	GNETKVVKNKVAPPFREAEFDILYGGAGVSREGEI	I	D	L	G	V	E	A	K	V	V	E	K	S	GAWYSYN	302
NTDB id 1165	A1552VC	RS01565	WP 000344154.1	SVRLDIRRTG...AIKEGEEV	V	GNETRIKVVKNKIAAPFKEANTQIMYGGGFN	REGELIDLGVKHKM	V	V	E	K	S	GAWYSYN	293							
NTDB id 1142	GTF74	RS11550	WP 000344154.1	SVRLDIRRTG...AIKEGEEV	V	GNETRIKVVKNKIAAPFKEANTQIMYGGGFN	REGELIDLGVKHKM	V	V	E	K	S	GAWYSYN	293							
NTDB id 1074	ABD1	RS10195	WP 000344167.1	SVRLDIRRIG...QVKEGDEI	V	GSETKVVKNKMAPPFKEAIFQILYGGKGTN	QLGELVDLAVQQDIV	Q	K	A	G	A	W	S	Y	Q	293				
NTDB id 1022	ACIAD	RS06390	WP 004925639.1	SVRLDIRRIG...QVKEGDEI	V	GSETKVVKNKMAPPFKEAIFQILYGGKGTN	QLGELVDLAVQQDIV	Q	K	A	G	A	W	S	Y	Q	293				
NTDB id 1205	PSJM300	05545	AFN77183.1	SVRLDIRRTG...AVKEGDEV	V	GSETRVKVVKNKVAPPFR	QAEFQILYGGKIYRNGE	I	D	L	G	V	Q	Q	L	V	E	K	S	GAWAYK	293
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consensus

 non conserved  
 similar  
 ≥ 50% conserved