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NTDB id 600	KW2	RS01765	WP 011675413.1	SVRLDVRGSTKIEEGS.GDNKTQIGKITKIKVVKNKVAPPFKVALVDIMFGEGISSTGELINIAVEEGI	IKKSGAWFAYN	312			
NTDB id 269	KZH43	RS08665	WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKAEAVVEIMYGGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311		
NTDB id 228	SPD	RS09265	WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKAEAVVEIMYGGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311		
NTDB id 194	SPR	RS08825	WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKAEAVVEIMYGGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311		
NTDB id 159	SP	RS09750	WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKAEAVVEIMYGGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311		
NTDB id 527	SMSK321	RS11065	WP 001085454.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFKAEAFVEIMYGGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311		
NTDB id 499	SM12261	RS08315	WP 078228268.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFKAEAFVEIMYGGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311		
NTDB id 408	SMU	RS09530	WP 002262392.1	SVRLDVRGNTQIKGTG.EQKDSN	IGKETKIKVVKNKVAPPFKAEAFVEIITYGGEGISRTGELVKIASDLGI	IQKAGAWYSYN	311		
NTDB id 453	Spy49	1753c	ACI62003.1	SVRLDVRGTTQIKGTG.DQKDS	IGKETKIKVVKNKVAPPFKVAEVEIMYGGEGISRTGELVKIASDLDI	IQKAGAWFSYN	311		
NTDB id 115	BSU	16940	NP 389576.2	SVRLEVRRAEQLKQGN.....D	MGNKTKIKVVKNKVAPPFR	TAEVDIMYGGEGISKEGEITDLGTELDIVQKSGSWYSYE	292		
NTDB id 625	LCA	RS02525	WP 011374196.1	TVRLEVRRAEIKNGT.....D	MGNRARIKVVKNKVAPPFKVAEVD	IMYGGEGISRTGELVDMAVEKDI	INKSGSWYSYG	294	
NTDB id 1313	DR	RS12030	WP 010888966.1	SVRLDVRKIGQ....PTKVGND	AVANTVKIKTVKNKVAAPFK	EVELALVYGGKGFQDLSDLVGLAADM	DI	IKKAGSFYSYG	307
NTDB id 1245	Cj1673c	YP 002345041.1		SVRLDVRKVAT....L.KQN	EETIGNRVKKVVKNKVAPPFR	QAEFDVDFGEGLSREGELIDYGVKLDIV	DKSGAWFSYK	294	
NTDB id 1211	C694	RS00795	WP 000963128.1	SVRIDIRRIAS....L.KQNE	QHIGNRAKAKVVKNKVAPPFR	EAEFDIMFGEGISKEGEITDYGVKLDIV	DKSGAWLSYQ	296	
NTDB id 1214	NCTC11637	00359	SQJ03206.1	SVRIDIRRIAA....L.KQNE	QHIGNRAKAKVVKNKVAPPFR	EAEFDIMFGEGISKEGEITDYGVKLDIV	DKSGAWLSYQ	296	
NTDB id 1334	RAOC	RS04870	WP 004918236.1	SVRIDIRRLSDTGKIKDKSGEV	IGNRTKVVVVKNKVAPPFKSAEFD	IMYGGEGVSKVGEILDVATDLDI	IQKSGSWFSYQ	307	
NTDB id 188396	BSY19	RS20320	WP 069055721.1	SVRLDIRRVST....L.KER	DEATGNQVRVKKVVKNKVAPPFK	QVEFDIMFGEGISKVGELVDLGVKAGM	VEKSGAWFSFD	305	
NTDB id 1389	A4U84	RS07560	WP 021112712.1	SVRLDIRRCGV....V.KDG	DEITGSETKVVVVKNKVAPPFR	EVQFDIMYGGEGISRMNELLILA	EANGFI	IKKSGAWFSYD	310
NTDB id 1130	NGFG	RS03960	WP 003688695.1	SVRLDIRRTGS....I.KKG	EEVLGNETRVKVIKKNVAPPFR	QAEFDILYGGEGISWEGELIDIGVKN	DI	INKSGAWYSYN	294
NTDB id 1124	NGFG	RS03960	WP 003688695.1	SVRLDIRRTGS....I.KKG	EEVLGNETRVKVIKKNVAPPFR	QAEFDILYGGEGISWEGELIDIGVKN	DI	INKSGAWYSYN	294
NTDB id 1123	OK783	RS03845	WP 003688695.1	SVRLDIRRTGS....I.KKG	EEVLGNETRVKVIKKNVAPPFR	QAEFDILYGGEGISWEGELIDIGVKN	DI	INKSGAWYSYN	294
NTDB id 1427	RS	RS02760	WP 011000510.1	SVRLDIRRIGS....I.KKG	DEVVGNETKVVVVKNKVAPPFR	EAEFDILYGGAGVSREGEITDLG	VEAKV	VEKSGAWYSYN	302
NTDB id 1165	A1552VC	RS01565	WP 000344154.1	SVRLDIRRTGA....I.KEG	EEVVGNETRIKVVKNKIAAPFK	EANTQIMYGGGFNREGELIDLGVKHKM	VEKSGAWYSYN	293	
NTDB id 1142	GTF74	RS11550	WP 000344154.1	SVRLDIRRTGA....I.KEG	EEVVGNETRIKVVKNKIAAPFK	EANTQIMYGGGFNREGELIDLGVKHKM	VEKSGAWYSYN	293	
NTDB id 1205	PSJM300	05545	AFN77183.1	SVRLDIRRTGA....V.KEG	DEVVGNSETRVKKVVKNKVAPPFR	QAEFQILYGGKGIYRNGEITDLG	VQGL	VEKSGAWYAYK	293
NTDB id 1022	ACIAD	RS06390	WP 004925639.1	SVRLDIRRIGQ....V.KEG	DEITGSETKVVVVKNKMAPPFR	EAEIFQILYGGKGVNQLGELVDLAV	QQNIV	QKAGAWYSYQ	293
NTDB id 1074	ABD1	RS10195	WP 000344167.1	SVRLDIRRIGQ....V.KEG	DEIVGSETKVVVVKNKMAPPFK	EAEIFQILYGGKGTNQLGELVDLAV	QQDIV	QKAGAWYSYQ	293
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consensus

 non conserved  
 similar  
 ≥ 50% conserved