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NTDB id 600	KW2	RS01765	WP 011675413.1	SVRLDVRGSTKIEEGS.GDNKTQIGK	ITKIKVVKNKVAPPFKVALVDIMFGEGISSTGELINIAVEEGI	TKKSGAWFAYN	312				
NTDB id 269	KZH43	RS08665	WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKEAVVEIMYGGEGISKTGELLKIASDL	DIKKAGAWYSYK	311				
NTDB id 228	SPD	RS09265	WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKEAVVEIMYGGEGISKTGELLKIASDL	DIKKAGAWYSYK	311				
NTDB id 194	SPR	RS08825	WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKEAVVEIMYGGEGISKTGELLKIASDL	DIKKAGAWYSYK	311				
NTDB id 159	SP	RS09750	WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKEAVVEIMYGGEGISKTGELLKIASDL	DIKKAGAWYSYK	311				
NTDB id 499	SM12261	RS08315	WP 078228268.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFKEAFVEIMYGGEGISKTGELLKIASDL	DIKKAGAWYSYK	311				
NTDB id 527	SMSK321	RS11065	WP 001085454.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFKEAFVEIMYGGEGISKTGELLKIASDL	DIKKAGAWYSYK	311				
NTDB id 408	SMU	RS09530	WP 002262392.1	SVRLDVRGNTQIKGTG.EQKDSN	IGKETKIKVVKNKVAPPFKEAFVEIITYGGEGISRTGELVKIASDL	GIQKAGAWYSYN	311				
NTDB id 453	Spy49	1753c	ACI62003.1	SVRLDVRGTTQIKGTG.DQKDS	IGKETKIKVVKNKVAPPFKVAEVEIMYGGEGISRTGELVKIASDL	DIQKAGAWFSYN	311				
NTDB id 625	LCA	RS02525	WP 011374196.1	TVRLEVRRAETIKNGT.....DM	IGNRARIKVVKNKVAPPFKVAEVDIMYGGEGISRTGELVDMAVEK	DIINKSGSWYSYG	294				
NTDB id 48393	PPM	RS10245	WP 025679773.1	TVRLDVRRIESLKMGN.....DI	VGNRTRIKVVKNKVAPPFRQAEVDIMYGGEGISKEGSLIDIGTEH	DIVDKSGAWYSYE	292				
NTDB id 115	BSU	16940	NP 389576.2	SVRLEVRRAEQLKQGN.....DV	MGNKTKIKVVKNKVAPPFRTAEVDIMYGGEGISKEGETIDLGT	ELDIVQKSGSWYSYE	292				
NTDB id 1313	DR	RS12030	WP 010888966.1	SVRLDVRKIGQ....PTKVGND	AVANTVKIKTVKNKVAAPFKEVELALVYGGKGFQDLSDLVGLA	ADMDIINKAGSFYSYG	307				
NTDB id 1245	Cj1673c	YP 002345041.1		SVRLDVRKVAT....L.KQNE	EPIGNRVKVVKNKVAPPFRQAEFDVMFGEGLSREGELIDYGVK	LDIVDKSGAWFSYK	294				
NTDB id 1211	C694	RS00795	WP 000963128.1	SVRIDIRRIAS....L.KQNE	QHIGNRAKAKVVKNKVAPPFRQAEFDIMFGEGISKEGETIDYGV	KLDIVDKSGAWLSYQ	296				
NTDB id 1214	NCTC11637	00359	SQJ03206.1	SVRIDIRRIAA....L.KQNE	QHIGNRAKAKVVKNKVAPPFRQAEFDIMFGEGISKEGETIDYGV	KLDIVDKSGAWLSYQ	296				
NTDB id 1334	RAOC	RS04870	WP 004918236.1	SVRIDIRRLSDTGKIKDKSGEV	IGNRTKVVKNKVAPPFKSAEFDIMYGGEGVSKVGEILDVATDL	DIQKSGSWFSYQ	307				
NTDB id 1389	A4U84	RS07560	WP 021112712.1	SVRLDIRRCGV....V.KGD	DEIIGSETKVVKNKVAPPFRQAEFDIMYGGEGISRMNELLILA	EANGFIKKSGAWFSYD	310				
NTDB id 1130	NGFG	RS03960	WP 003688695.1	SVRLDIRRTGS....I.KKG	EEVLGNETRKKVKNKVAPPFRQAEFDILYGGEGISWEGELID	IGVKNDIINKSGAWYSYN	294				
NTDB id 1124	NGFG	RS03960	WP 003688695.1	SVRLDIRRTGS....I.KKG	EEVLGNETRKKVKNKVAPPFRQAEFDILYGGEGISWEGELID	IGVKNDIINKSGAWYSYN	294				
NTDB id 1123	OK783	RS03845	WP 003688695.1	SVRLDIRRTGS....I.KKG	EEVLGNETRKKVKNKVAPPFRQAEFDILYGGEGISWEGELID	IGVKNDIINKSGAWYSYN	294				
NTDB id 1427	RS	RS02760	WP 011000510.1	SVRLDIRRIGS....I.KKG	DEVVGNETKVVKNKVAPPFRQAEFDILYGGAGVSREGEIDL	GVEAKVVEKSGAWYSYN	302				
NTDB id 1165	A1552VC	RS01565	WP 000344154.1	SVRLDIRRTGA....I.KEG	EEVVGNETRIKVVKNKIAAPFKEANTQIMYGGGFNREGELID	LGVKHKMVEKSGAWYSYN	293				
NTDB id 1142	GTF74	RS11550	WP 000344154.1	SVRLDIRRTGA....I.KEG	EEVVGNETRIKVVKNKIAAPFKEANTQIMYGGGFNREGELID	LGVKHKMVEKSGAWYSYN	293				
NTDB id 1205	PSJM300	05545	AFN77183.1	SVRLDIRRTGA....V.KEG	DEVVGETRVKVVKNKVAPPFRQAEFQILYGGKGIYRNGETI	DLGVQQGLVEKSGAWYAYK	293				
NTDB id 1022	ACIAD	RS06390	WP 004925639.1	SVRLDIRRIGQ....V.KEG	DEIIGSETKVVKNKMAPPFREAIQILYGGKGVNQLGELVD	LAVQQNIVQKAGAWYSYQ	293				
NTDB id 1074	ABD1	RS10195	WP 000344167.1	SVRLDIRRIGQ....V.KEG	DEIIGSETKVVKNKMAPPFKEAIQILYGGKGTNQLGELVD	LAVQQDIVQKAGAWYSYQ	293				
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consensus

 non conserved
 similar
 ≥ 50% conserved