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NTDB id 600	KW2	RS01765	WP 011675413.1	SVRLDVRGSTKIEEGS.GDNKTTGKITKIKVVKNKVAPPFKVALVDIMFGEGISSTGELINIAVEEGI	IKKSGAWFAYN	312				
NTDB id 269	KZH43	RS08665	WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKAEAVVEIMYGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311			
NTDB id 228	SPD	RS09265	WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKAEAVVEIMYGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311			
NTDB id 194	SPR	RS08825	WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKAEAVVEIMYGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311			
NTDB id 159	SP	RS09750	WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKAEAVVEIMYGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311			
NTDB id 527	SMSK321	RS11065	WP 001085454.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFKAEAFVEIMYGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311			
NTDB id 499	SM12261	RS08315	WP 078228268.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFKAEAFVEIMYGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311			
NTDB id 408	SMU	RS09530	WP 002262392.1	SVRLDVRGNTQIKGTG.EQKDSN	IGKETKIKVVKNKVAPPFKAEAFVEIITYGEGISRTGELVKIASDLGI	IQKAGAWYSYN	311			
NTDB id 453	Spy49	1753c	ACI62003.1	SVRLDVRGTTQIKGTG.DQKDS	IGKETKIKVVKNKVAPPFKVAEVEIMYGEGISRTGELVKIASDLDI	IQKAGAWFSYN	311			
NTDB id 115	BSU	16940	NP 389576.2	SVRLEVRRAEQLKQGN.....D	MGNKTKIKVVKNKVAPPFR	TAEVDIMYGEGISKEGEIT	DLGTELDIVQKSGSWYSYE	292		
NTDB id 625	LCA	RS02525	WP 011374196.1	TVRLEVRRAEIKNGT.....D	MGNRARIKVVKNKVAPPFK	VAEVDIMYGEGISRTGEL	VDMAVEKDIINKSGSWYSYG	294		
NTDB id 1313	DR	RS12030	WP 010888966.1	SVRLDVRKIGQ....PTKVGND	AVANTVKIKTVKNKVAAP	PFKEVELALVYGGKGF	QLSDLVGLAADMDI	IKKAGSFYSYG	307	
NTDB id 1245	Cj1673c	YP 002345041.1		SVRLDVRKVAT....L.KQN	EETGNRVKIKVVKNKVAPP	FRQAEFDVMFGEGLS	REGELIDYGVKLDIV	DKSGAWFSYK	294	
NTDB id 1211	C694	RS00795	WP 000963128.1	SVRIDIRRIAS....L.KQN	EQHIGNRAKIKVVKNKVAPP	FRQAEFDIMFGEGISKE	GEIIDYGVKLDIV	DKSGAWLSYQ	296	
NTDB id 1214	NCTC11637	00359	SQJ03206.1	SVRIDIRRIAA....L.KQN	EQHIGNRAKIKVVKNKVAPP	FRQAEFDIMFGEGISKE	GEIIDYGVKLDIV	DKSGAWLSYQ	296	
NTDB id 1334	RAOC	RS04870	WP 004918236.1	SVRIDIRRLS	DTGKIKDKSGEVIGNRTK	IKVVKNKVAPPFKSAE	FDIMYGEGVSKVGE	ILDVATDLDI	IQKSGSWFSYQ	307
NTDB id 208922	BK183	RS06190	WP 002964332.1	SVRLDIRRIGS....I.KER	DEVVGNQTRVKKVKNK	LAPPFKQVEFDIMYG	GAGVSKVGELVDL	GVKAGVVEKSGAWFSYN	305	
NTDB id 1389	A4U84	RS07560	WP 021112712.1	SVRLDIRRCGV....V.KDG	DEIIGSETKIKVVKNKVAPP	FRQAEFDIMYGEGIS	RMNELLILAEANG	FIIKKS	GAWFSYD	310
NTDB id 1130	NGFG	RS03960	WP 003688695.1	SVRLDIRRTGS....I.KKG	EVLGNETR	VKVIKKNVAPPFRQ	AEFDILYGEGISW	EGELIDIGVKN	DIINKSGAWYSYN	294
NTDB id 1124	NGFG	RS03960	WP 003688695.1	SVRLDIRRTGS....I.KKG	EVLGNETR	VKVIKKNVAPPFRQ	AEFDILYGEGISW	EGELIDIGVKN	DIINKSGAWYSYN	294
NTDB id 1123	OK783	RS03845	WP 003688695.1	SVRLDIRRTGS....I.KKG	EVLGNETR	VKVIKKNVAPPFRQ	AEFDILYGEGISW	EGELIDIGVKN	DIINKSGAWYSYN	294
NTDB id 1427	RS	RS02760	WP 011000510.1	SVRLDIRRIGS....I.KKG	DEVVGNETKIKVVKNKVAPP	FRQAEFDILYGAGV	SREGEIIDLGVEA	KVVEKSGAWYSYN	302	
NTDB id 1165	A1552VC	RS01565	WP 000344154.1	SVRLDIRRTGA....I.KEG	EVLGNETRIKVVKNK	IAAPFKEANTQIMYG	QGFNREGELIDL	GVKHKMVEKSGAWYSYN	293	
NTDB id 1142	GTF74	RS11550	WP 000344154.1	SVRLDIRRTGA....I.KEG	EVLGNETRIKVVKNK	IAAPFKEANTQIMYG	QGFNREGELIDL	GVKHKMVEKSGAWYSYN	293	
NTDB id 1022	ACIAD	RS06390	WP 004925639.1	SVRLDIRRIGQ....V.KEG	DEIIGSETKIKVVKNKMAPP	FRQAEFIQILYGKGV	NQLGELVDLAV	QQNIVQKAGAWYSYQ	293	
NTDB id 1074	ABD1	RS10195	WP 000344167.1	SVRLDIRRIGQ....V.KEG	DEIIGSETKIKVVKNKMAPP	FRQAEFIQILYGKGT	NQLGELVDLAV	QQDIVQKAGAWYSYQ	293	
NTDB id 1205	PSJM300	05545	AFN77183.1	SVRLDIRRTGA....V.KEG	DEVVGS	ETRVKVVKNKVAPPFR	QAEFIQILYGKGI	YRNGEIIDLG	VQQGLVEKSGAWAYK	293
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consensus

 non conserved
 similar
 ≥ 50% conserved