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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	VGKETKIKVVKNKVAPPFKAEVVEIMYGGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311			
NTDB id 228	SPD	RS09265	WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKAEVVEIMYGGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311			
NTDB id 194	SPR	RS08825	WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKAEVVEIMYGGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311			
NTDB id 159	SP	RS09750	WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKAEVVEIMYGGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311			
NTDB id 527	SMSK321	RS11065	WP 001085454.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFKAEFVEIMYGGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311			
NTDB id 499	SM12261	RS08315	WP 078228268.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFKAEFVEIMYGGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311			
NTDB id 453	Spy49	1753c	ACI62003.1	SVRLDVRGTTQIKGTG.DQKDS	IGKETKIKVVKNKVAPPFKVAEVEIMYGGEGISRTGELVKIASDLDI	IQKAGAWFSYN	311			
NTDB id 408	SMU	RS09530	WP 002262392.1	SVRLDVRGNTQIKGTG.EQKDS	IGKETKIKVVKNKVAPPFKAEFVEIIMYGGEGISRTGELVKIASDLGI	IQKAGAWYSYN	311			
NTDB id 115	BSU	16940	NP 389576.2	SVRLEVRRAEQLKQGN.....	DVMGNKTKIKVVKNKVAPPFR	TAEVDIMYGGEGISKEGEIT	DLGTELDIVQKSGSWYSYE	292		
NTDB id 625	LCA	RS02525	WP 011374196.1	TVRLEVRRAEIKNGT.....	DMIGNRARIKVVKNKVAPPFK	VAEVDIMYGGEGISRTGEL	VDMAVEKDIINKSGSWYSYG	294		
NTDB id 1313	DR	RS12030	WP 010888966.1	SVRLDVRKIG....	QPTKVGNDAVANTVKIKTK	VKNKVAAPFKAEVELALVY	GKGFQDLSDLVGLAADMDI	IKKAGSFYSYG	307	
NTDB id 1245	Cj1673c	YP 002345041.1	SVRLDVRKVA....	TL.KQNEEP	IGNRVKVVKNKVAPPFR	QAEFDVDFGEGLSREGEL	IDYGVKLDIVDKSGAWFSYK	294		
NTDB id 1214	NCTC11637	00359	SQJ03206.1	SVRIDIRRIA....	AL.KQNEQH	IGNRAKAKVVKNKVAPPFR	EAEFDIMFGEGISKEGEIT	IDYGVKLDIVDKSGAWLSYQ	296	
NTDB id 1211	C694	RS00795	WP 000963128.1	SVRIDIRRIA....	SL.KQNEQH	IGNRAKAKVVKNKVAPPFR	EAEFDIMFGEGISKEGEIT	IDYGVKLDIVDKSGAWLSYQ	296	
NTDB id 1334	RAOC	RS04870	WP 004918236.1	SVRIDIRRLSDTGKIKDKSGEV	IGNRTKVVKNKVAPPFK	SAEFDIMYGGEGVSKVGEI	LDVATDLDI	IQKSGSWFSYQ	307	
NTDB id 1130	NGFG	RS03960	WP 003688695.1	SVRLDIRRTG....	SI.KKGEV	LGNETRVKVIKKNVAPPFR	QAEFDILYGGEGISWEGEL	IDIGVKNDI	INKSGAWYSYN	294
NTDB id 1124	NGFG	RS03960	WP 003688695.1	SVRLDIRRTG....	SI.KKGEV	LGNETRVKVIKKNVAPPFR	QAEFDILYGGEGISWEGEL	IDIGVKNDI	INKSGAWYSYN	294
NTDB id 1123	OK783	RS03845	WP 003688695.1	SVRLDIRRTG....	SI.KKGEV	LGNETRVKVIKKNVAPPFR	QAEFDILYGGEGISWEGEL	IDIGVKNDI	INKSGAWYSYN	294
NTDB id 1427	RS	RS02760	WP 011000510.1	SVRLDIRRIG....	SI.KKGEV	VGNETKVVKNKVAPPFR	EAEFDILYGGAGVSR	EGEITDLGVEAKVVEKSGAWYSYN	302	
NTDB id 1022	ACIAD	RS06390	WP 004925639.1	SVRLDIRRIG....	QV.KEGDEI	IGSETKVVKNKVAPPFR	EAEFQILYGGKGVNQLGEL	VDLAVQQNIVQKAGAWYSYQ	293	
NTDB id 1074	ABD1	RS10195	WP 000344167.1	SVRLDIRRIG....	QV.KEGDEI	IGSETKVVKNKVAPPFK	EAEFQILYGGKGTNQLGEL	VDLAVQQDIVQKAGAWYSYQ	293	
NTDB id 1205	PSJM300	05545	AFN77183.1	SVRLDIRRTG....	AV.KEGDEV	IGSETRVKVVKNKVAPPFR	QAEFQILYGGKGIYRNGEIT	DLGVQQGLVEKSGAWYAYK	293	
NTDB id 1389	A4U84	RS07560	WP 021112712.1	SVRLDIRRCG....	VV.KDGDEI	IGSETKVVKNKVAPPFR	EVQFDIMYGGEGISRMNELL	ILAEANGFIKKSGAWFSYD	310	
NTDB id 180836	A4208	RS09915	WP 005724816.1	SVRLDIRRTG....	AI.KEGEEV	IGNETRVKVVKNKVAAPFR	QVDFQILYGGEGISKTGEL	IELGVKHKLV	DKAGAWAYN	295
NTDB id 1165	A1552VC	RS01565	WP 000344154.1	SVRLDIRRTG....	AI.KEGEEV	VGNETRIKVVKNKIAAPFK	EANTQIMYGGGFNREGEL	IDLGVKHKMVEKSGAWYSYN	293	
NTDB id 1142	GTF74	RS11550	WP 000344154.1	SVRLDIRRTG....	AI.KEGEEV	VGNETRIKVVKNKIAAPFK	EANTQIMYGGGFNREGEL	IDLGVKHKMVEKSGAWYSYN	293	

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consensus

 non conserved
 similar
 ≥ 50% conserved