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NTDB id 600	KW2	RS01765	WP 011675413.1	ASVRLDVRGSTKIEEGS.GDNKTQIGKI	TGKI	TKIKVVKNKVAPPFKVALVDIMFGEGISSTGELINIAVEEGI	TIKKSGAWFAY	311						
NTDB id 269	KZH43	RS08665	WP 001085462.1	ASVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKEAVVEIMYGEGISKTGELLKIASDLDI	IKKAGAWYSY	310							
NTDB id 228	SPD	RS09265	WP 001085462.1	ASVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKEAVVEIMYGEGISKTGELLKIASDLDI	IKKAGAWYSY	310							
NTDB id 194	SPR	RS08825	WP 001085462.1	ASVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKEAVVEIMYGEGISKTGELLKIASDLDI	IKKAGAWYSY	310							
NTDB id 159	SP	RS09750	WP 001085462.1	ASVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKEAVVEIMYGEGISKTGELLKIASDLDI	IKKAGAWYSY	310							
NTDB id 527	SMSK321	RS11065	WP 001085454.1	ASVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFKEAFVEIMYGEGISKTGELLKIASDLDI	IKKAGAWYSY	310							
NTDB id 499	SM12261	RS08315	WP 078228268.1	ASVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFKEAFVEIMYGEGISKTGELLKIASDLDI	IKKAGAWYSY	310							
NTDB id 408	SMU	RS09530	WP 002262392.1	SSVRLDVRGNTQIKGTG.EQKDSN	IGKETKIKVVKNKVAPPFKEAFVEITYGEGISRTGELVKIASDLGI	IQKAGAWFSY	310							
NTDB id 453	Spy49	1753c	ACI62003.1	ASVRLDVRGTTQIKGTG.DQKSS	IGKETKIKVVKNKVAPPFKEAVEIMYGEGISRTGELVKIASDLDI	IQKAGAWFSY	310							
NTDB id 115	BSU	16940	NP 389576.2	SSVRLVRRRAEQLKQGN.....	DVMGNKTKIKVVKNKVAPPFR	TAEVDIMYGEGISKEGETIDLGTEL	DIVQKSGSWYSY	291						
NTDB id 625	LCA	RS02525	WP 011374196.1	STVRLVRRRAETIKNGT.....	DMIGNRARIKVVKNKVAPPFK	VAEVDIMYGGISRTGELVDMAVEKD	IINKSGSWYSY	293						
NTDB id 1313	DR	RS12030	WP 010888966.1	ASVRLDVRKIGQ.....	PTKVGNDAVANTVKI	IKTVKNKVAAPFKEVELALVYKGF	DLVGLAADMDI	IKKAGSFYSY	306					
NTDB id 1245	Cj1673c	YP 002345041.1	ASVRLDVRKVAT.....	L.KQNEEPIGNRVK	KVVKNKVAPPFRQAEFDV	MFGEGLSREGELIDYGVKLD	DIVDKSGAWFSY	293						
NTDB id 1214	NCTC11637	00359	SQJ03206.1	ASVRIDIRRIAA.....	L.KQNEQHIGNRAK	AKVVKNKVAPPFREAEFDM	IFGEGISKEGEIIDYGVKLD	DIVDKSGAWLSY	295					
NTDB id 1211	C694	RS00795	WP 000963128.1	ASVRIDIRRIAS.....	L.KQNEQHIGNRAK	AKVVKNKVAPPFREAEFDM	IFGEGISKEGEIIDYGVKLD	DIVDKSGAWLSY	295					
NTDB id 1334	RAOC	RS04870	WP 004918236.1	ASVRIDIRRSLSDTGKIKDKS	GEVIGNRTK	KVVKNKVAPPFKSAEFDIMYGEGV	SKVGEILDVATDLDI	IQKSGSWFSY	306					
NTDB id 293484	DCD74	RS05820	WP 112926488.1	ASVRLDIRRIGA.....	I.KKGDEIIGNQ	TRIKVVKNKLAPPFKQVITE	ILYGEGISREGELIEMGVNAK	LVEKSGAWYGY	294					
NTDB id 1389	A4U84	RS07560	WP 021112712.1	ASVRLDIRRCGV.....	V.KGDDEIIGSETK	VVVKNKVAPPFRREVQFDIMYGEGIS	RMNELLILAEANGFI	IKKSGAWFSY	309					
NTDB id 1130	NGFG	RS03960	WP 003688695.1	SSVRLDIRRTGS.....	I.KKGEV	LGNETRVKVIKKNVAPPFRQAEFD	ILYGEGISWEGELIDIGVKN	DIINKSGAWYSY	293					
NTDB id 1124	NGFG	RS03960	WP 003688695.1	SSVRLDIRRTGS.....	I.KKGEV	LGNETRVKVIKKNVAPPFRQAEFD	ILYGEGISWEGELIDIGVKN	DIINKSGAWYSY	293					
NTDB id 1123	OK783	RS03845	WP 003688695.1	SSVRLDIRRTGS.....	I.KKGEV	LGNETRVKVIKKNVAPPFRQAEFD	ILYGEGISWEGELIDIGVKN	DIINKSGAWYSY	293					
NTDB id 1427	RS	RS02760	WP 011000510.1	ASVRLDIRRIGS.....	I.KKGDEV	VGNETKVVVKNKVAPPFREAI	FDILYGAGVSREGEIIDLGVEAK	VVEKSGAWYSY	301					
NTDB id 1165	A1552VC	RS01565	WP 000344154.1	ASVRLDIRRTGA.....	I.KEGEV	VGNETRIKVVKNKIAAPFKEANT	QIMYGGFNREGELIDLGVKHK	MVEKSGAWYSY	292					
NTDB id 1142	GTF74	RS11550	WP 000344154.1	ASVRLDIRRTGA.....	I.KEGEV	VGNETRIKVVKNKIAAPFKEANT	QIMYGGFNREGELIDLGVKHK	MVEKSGAWYSY	292					
NTDB id 1022	ACIAD	RS06390	WP 004925639.1	ASVRLDIRRIGQ.....	V.KEGDEI	IGSETKVVVKNKMAPPFREAI	FQILYGKGVNQLGELVDLAVQQ	NIVQKAGAWYSY	292					
NTDB id 1074	ABD1	RS10195	WP 000344167.1	ASVRLDIRRIGQ.....	V.KEGDEI	IGSETKVVVKNKMAPPFKEAI	FQILYGKGTNQLGELVDLAVQQ	DIVQKAGAWYSY	292					
NTDB id 1205	PSJM300	05545	AFN77183.1	ASVRLDIRRTGA.....	V.KEGDEV	VGSETRV	KVVKNKVAPPFRQAEFQILYGKGI	YRNGEIIDLGVQQGLVEKSGAWY	AY	292				
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NTDB id 1074 ABD1 RS10195 WP 000344167.1				349
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consensus

 non conserved
 similar
 ≥ 50% conserved