

Table S1. Primers used for generating plasmid (pCpec) fragments and their characteristics.

Primer name	Sequence 5' - 3'	Primer length (bp)	Annealing temperature (T _m °C)	Region on the plasmid [^]	Amplified fragment (bp)
Start For	TAG CTC GTA ATA CGT GTG G	19	56	775	792
Start Rev	ATG AGG CAG AGT GTG AAC C	19	58	1	
P1 frag For	GTT CAC ACT CTG CCT CAT C	19	60	7046	522
P frag Rev	CCT ATT TAT TGG CGT CTA GG	20	58	19	
PG6 For	GCA GAA TTG GGT AGT CCT TG	20	60	7127	802
Par Rev	TCA ATC TTT AGA AGT TTT GGG	21	56	6325	
Par For	CTT CTA AAG ATT GAT CTA GGT	21	56	6338	702
PG4 Rev	ATA CTG AAC CTC CTA AAT CG	20	56	5636	
PG4 For	ATC TAT AAT CGG AGA ATC TGG	21	58	5701	836
PG3 Rev	AGA ATT GAT AGA AGA TGT GC	20	54	4865	
PG3 For	GTT CCC ATT TGG CAT TGC GT	20	60	5297	1213
PG2 Rev	TTG AAC CAT GCC CTA TTA TCG	21	60	4084	
PG2 For	GCT GTG CTG ACA ATC CAG T	19	58	4225	918
Hel Rev	GGT CAA ATA GAA CAA GAT GCT	21	56	3307	
Hel For	AGC ATC TTG TTC TAT TTG ACC	21	54	3327	840
Hel 2 Rev	CAA AGA AAT TCA TAG GTA TCC	21	56	2487	
Hel 2 For	TGA TCT ACA AGA GTA TAT GG	20	54	2540	840
PG8 Rev	AGA GAC TAT CTT CTG TGG G	19	56	1700	
PG8 For	TCA CTA AAT ACA CAT ACA GCC	21	54	1856	739
P8 2 Rev	GAG TCC GAA CAT CCA AGA CG	20	62	1119	
P8 2 For	CGA TTG GTT AAT AGC ACA GAC	21	60	1481	749
End Rev	ATT GGC AGA ACA TGA TGC TC	20	58	735	
PGP3 Rev	TTA ATC ATG GGT AAT TCA GG	20	54	4566	In combination with others

[^]: 1 at putative ORI (See plasmid map, Figure 1).