Table 2. Plasmids and primers used in this study.

Plasmid	Description
pACYC-Duet1	Cam^R expression vector, P15A origin
pK09	*pylB* PCR fragment (using primers PylBNdeI and PylBBglII) cloned into TOPO 2.1 NcoI site removed from *pylB* (using primers pylBNcoImut1 and pylBNcoImut2)
pK11	Nde I / Bgl II *pylB* fragment from pK09 cloned into Nde I / Bgl II-cut pACYC-Duet1
pK12	Nco I / BamH I-cut *pylCD* PCR fragment (using primers PylCDNcoI and PylCDBamHI) cloned into Nco I / BamH I-cut pK11
pK13	Nco I site removed from *pylC* (using primers pylCNcoImut1 and pylCNcoImut2) in pK12
pK14	Nco I / BamH I-cut *pylD* PCR fragment (using primers PylDNcoI and PylCDBamHI) cloned into Nco I / BamH I-cut pK11
pK15	Nco I / BamH I-cut *pylCD* PCR fragment (using primers PylCDNcoI and PylCDBamHI) cloned into Nco I / BamH I-cut pACYC
pK16	Mlu I / BamH I-cut *pylC* PCR fragment (using primers PylCMluI and PylCDBamHI) cloned into Mlu I / BamH I-cut pK11

Primers	Sequence
PylBNdeI	**CATATG**ATCAAAAAAATGGCAACCGAGGACC
PylBBglII	**AGATCT**TTAGCACCTCAGGACAGTTTCG
PylCDNcoI	**CCATGG**AAACCATATGCCTTATAGGCGGG
PylCDBamHI	**GGATCC**TTACAGGATAGAATACAGCATGGA
PylCBamHI	**GGATCC**TTACACAGCCGCTCCGAAG
PylDNcoI	**CCATGG**CACTTTTAACCCCGGAAG

PylCMluI	**ACGCGT**TGCGCGAGAAGATTGTGC
pylBNcoImut1	CATGATCGACCTGACGATGGGAGAAGACCC
pylBNcoImut2	GGGTCTTTCTCCCATCGTCAGGTCGATCATG
pylCNcoImut1	CTTTAATAAGGAGATATACCATG**A**AAACCATATGCCTTATAGGCGG
pylCNcoImut2	CCGCCTATAAGGCATATGGTTT**T**CATGGTATATCTCCTTATTAAAG
pBADF	CTAGCATAACCCCTTGGGGCCTCTAAACGGGTCTTGGCCGTCAATTG TCTGATTCGTT
pBADR	**CATATG**TGTATATCTCCTGCTAGCCCAAAAAAACGGGTA
UTAGF	GGGCGAACAGTTCCTGATTAACCACTAGCCGTTCTACTTTACTGG
UTAGR	CCAGTAAAGTAGAACGGCTAGTGGTTAATCAGGAACTGTTCGCCC

Bolded sequence indicates sequence introducing restriction site into the resulting PCR product.