

Table S3. Sequences of oligonucleotide primers

Primer	Sequence	Use
macAF	5'-GGATGGTCTTATCTGAAGCC-3'	construction of CDC2 <i>macA::kan</i>
macAR	5'-CATCAGCGTGGACTTGCCC-3'	construction of CDC2 <i>macA::kan</i>
CEL1	3'-GACAATGTCATGCGATGATAGG-5'	construction of CR.100, CR.102
KH9#12B	3'-CTCTTGTTTACTGATGGCATCG-5'	construction of CR.100
KH9#10B	5'-CCAAAACCGAAGCCTTGAAAACCAA-3'	construction of CR.102
mtrD11Rev	5'-CAGGCTGCATACGGGCATC-3'	construction of CR.103
mtrD3	5'-GGTTCATCGGTTTCGCTTCCC-3'	construction of CR.103
mtrD3Rev	5'-GGGAAGCGAACCGATGGAACC-3'	construction of CR.103
mtrD1	5'-CGGCATCTGAAGCCAAACCTGC-3'	construction of CR.103
mtrE12	5'-TGCGATGTCGATCAGCTTTTG-3'	construction of CR.103, CR.104
mtrD10	5'-AGCATCAACCTGCAAGACCGC-3'	construction of CR.103, CR.104
16Smai_qRTF	5'-CCATCGGTATTCCTCCACATCTCT-3'	qRT-PCR of 16S
16Smai_qRTR	5'-CGTAGGGTGCGAGCGTTAATC-3'	qRT-PCR of 16S
mtrEqPCR-F	5'-TGTCTGCCTGCACCATGATT-3'	qRT-PCR of <i>mtrE</i>
mtrEqPCR-R	5'-AGTGCGATGTCGATCAGCTT-3'	qRT-PCR of <i>mtrE</i>
mtrR_qRT_F	5'-CTTGTTTGACGCGTTGTTCCA-3'	qRT-PCR of <i>mtrR</i>
mtrR_qRT_R	5'-GTGGATGTCGTTGCTTTGCA-3'	qRT-PCR of <i>mtrR</i>
C2	5'-CGGGATCCCGTATAAAAAAGACTTT GTATCCGTGTAATCG-3'	construction of pLES2.2
C3PmtrC	5'-CGGGATCCCGAGCCATTATCTATCCT ATCTG-3'	construction of pLES2.2 and pLES4.1
C4	5'-CGGGATCCCGTATAAAAAAGACTTTT TATCCGTGTAATCG-3'	construction of pLES4.1
PEmtrC181	5'-CCTTAGAAGCATAAAAAAGCCTA-3'	PE of <i>mtrC</i>
CEL4	5'-GCAATCCCTTTGCGGTAAAAGG-3'	construction of CR.101

mtrCpromR	5'-GTAGCGGAATCTTCGTATTTTTTCGG-3'	construction of CR.101
mtrD8	5'-GTCAGCGTGCAACTGCTGCG-3'	qRT-PCR of <i>mtrD</i>
mtrD13	5'-GCCCGAAAAGCTGAAGCCGG-3'	qRT-PCR of <i>mtrD</i>