

Table S1. List of primers used in the study.

Primer	Sequence (5'-3')
Construction of pK18_ phaC _{NSDG}	
phaC _{Me} _up1000	<u>cgg</u> aattcGAAGCCGAAGGCGTGGATCGG
phaC _{Me} _down1000	<u>cgg</u> aattcGACGATGCCGGGATCGAACAGCATG
InvphaC_N	GCGACACGTCCTCCCAAAGGTCCG
InvphaC-C	GGGCATGAAGGTGTGAGGGATCG
phaC _{Ac} _N	ATGAGCCAACCATCTTATGGCCCGC
phaC _{Ac} _C	TCATGCGGCGTCCTCCTCTGTTGGG
Construction of pK18_emd	
ccrMe_C-up1000	ACGTGCACAAGGGCGAGTACCACATCGC
ccrMe_C-down1000	GACCGGCGTCGCCTCTCGCATTCG
ccrMe_C-Inv1	CG <u>CGGATCCT</u> CACATCGCCTTGAGCGGGCCG
ccrMe_C-Inv2	GCCAGTCCACGTGACACGAAGAAG
Construction of pCM80Km_emd	
emd_N	ACATGCATGCAAGCTTAGGGAGTTCCATATGGCCAAGTGCCTGCTGACGT
emd_C	<u>GGAATTCC</u> GGATCCTCTAGACTACTTGGTGTGCTTGCCCTTCTTCGCGATG
Construction of pCM80Km_emdbktB	
bktB_N	<u>CGGGATCC</u> AGGGAGCAAAGTCATGACGCGTGAAGTGGTAGTGGTA
bktB_C	<u>GGAATTCT</u> CAGATACGCTCGAAGATGGCGGCAATGCCC
Construction of pCM80Km-ehcjb and pCM80Km-hcjb	
A0602-F	ATGCAAATCCAAGGCAACGTATTCA
A0602-R-Fus	ATGTATTTGCCTTTACTTGGGCTGCATCCGA
A3307-F-Fus	CCAAGTAAAGGCAAATACATAGGAGAAGACA
A3307-R	GCCTTAGCGATGCTGGAAATT
A0602A3307up	GCTCTAGAAAGGGAGATTATCATATGCAAATCCAAGGCAACGTATTCAT
A0602A3307down	<u>GGAATTCC</u> AGGGAGCTATCGACATGCGTACCATCGCATCGCTGGA
phaJup	<u>GGAATTCT</u> TAGCGATGCTGGAAATTCGGGCTG
phaJdown	CG <u>GGATCCT</u> CACCCGTAGCGGCGCGTGATCGACT
Construction of pCM80PphaA-hcjb	
PphaA-FwNheI	GTTCTC <u>GCTAGCC</u> GTTGCGACACCTCCCGCTTC
PphaA-Rv	CGTGACGTTCTCCTCATTCGGC
pCM80-Inv5	CCCGACCAAGCGGGAAGCTAGCT