

Table S1. Oligonucleotides used in this work.

454A	GTCTAGACGATTTTCAGGGCCGAATGTCC
454B	GGAGCTCGGCTCAACGTCTCGCCCTGT
454mutbad1	GCAATGCCGCCGGCAAACCTGGCCGATCGCCTG
454mutbad2	CAGGCGATCGGCCAGTTTGCCGGCGGCATTGC
aadABam1	GCGGATCCTCATGATATATCTCCCAATTTG
aadABam2	GCGGATCCCCTGAAGCCAGGGCAGATCCG
cck A387Pfw	AAGCTGGCCGATCGGCTGCATTTTCTGGC
cck A387Prv	GCCAGAAAATGCAGCCGATCGGCCAGCTT
cck F399Cfw	GTGAGCAGATTGTTGCAGTCATGGGCAATGCC
cck F399Crv	GGCATTGCCCATGACTGCAACAATCTGCTCAC
cckAHKfwpBAD	GGAGCTCGAGGTCTGAAGGCCTGGGCGAAC
cckARR2pBAD2	GAAGCTTGGTCAGTGCACCTGCTCCTGCAC
chpTmutdown1	GATATCAGATCCGCGAGTCCGAGAT
chpTmutdown2	CTGCAGGATGCGGATCTCGAGAAGG
chpTmutup1	GGATCCAGCAGGAGATGGTTCGAGA
chpTmutup2	GATATCAGATGCGCGAACCCAGAA
ctrAfor	GGTCTAGACGGCAACTTTAGATTGTAT
ctrAinfor	GTGGATCCAGGGCACGACGCTCACGAAG
ctrAinrev	CAGGATCCGCGGAGCTGGCGCAGGACCT
ctrArev	GTGAATTCTCCGCAGCTTTAGGCAACC
fliFL3	CCGAATTCAGACCGAGCACGGCCAGGAAC
fliFL4	GCTCTAGACAGGCCCGACCAGGTGGCGTAG
FwchpTXbaI	GCTCTAGATGGATTGCACCTGACCCA
regB1	GTCTAGA GGCACGGCAACCTAACAAGG
regB2	GCGGTACCGGGACAGCTTGCCGAGAGGA
regBdwEcoRVfw	GCGATATCTCCACGGTCTGGATCGACG
regBdwSacIrv	GCGAGCTCGCACGAGATAGGCGAGAAGC
regBupEcoRVrv	GCGATATCTCAGGAACAGCAGGAACGACA
regBupXbafw	GCTCTAGAGAGGGCTTTGCCAGAACCTC
RvchpTSaI	GCGAGCTCCGAGCAGCTCACGAGTTTCA
Ser267regBqchrV	CCCGGCCCGGCCATCGAGCGGAGGATGTCCGG
Ser267regBqchfw	CGCGACATCCTCCGCTCGATGGGCCGGGCCGGG