Table S2. Oligonucleotides used in this work.

Name	Sequence (5’ to 3’)	Application
MUT14730F	GGTTTAAAGCGTGCAGAG	Mutant construction
MUT14730R	GTCCGATTTAATTGAGCG	Mutant construction
COM14730F	GTCGTAACTGGACCAGATG	Mutant verification
COM14730R	CATGTAGGTAACGCCTCC	Mutant verification
MUT14735F	GGTGTTCCGCTGGGTTTGTGG	Mutant construction
MUT14735R	CGTTGGTAAAATGACATGC	Mutant construction
COM14735F	GGCAACATTTGGCAGCCAGC	Mutant verification
COM14735R	GCTCAAAACTAACTGCGAC	Mutant verification
MUT14740F	CCAGCAGGCTTTGCTTGATC	Mutant construction
MUT14740R	GCTGTAACTCAAGCGGAAGC	Mutant construction
COM14740F	CCATTGGCGCAATTATTCACG	Mutant verification
COM14740R	GCACATCGCCATTAATAGTTGC	Mutant verification
MUT16805F	TGGTGGTTCACGCAGCGC	Mutant construction
MUT16805R	CATTTGCCCACTGGTACG	Mutant construction
COM16805F	GGTGCCGGTTTCATTGTG	Mutant verification
COM16805R	GCTGTGGCCATATGTCC	Mutant verification
MUT17030F	GACACTGCTTCGGCACTGG	Mutant construction
MUT17030R	GTGCCAGCATTGAGCATAG	Mutant construction
COM17030F	CGTGTCACAGGAAACTGC	Mutant verification
COM17030R	CACCTGCCAGCAATAATTC	Mutant verification
MUT17035F	GCAGACTTAAAGGTATTGCC	Mutant construction
MUT17035R	CGAAATAGTGAATATGTACATCG	Mutant construction
COM17035F	CAATCAGTTCGTGATTTAGC	Mutant verification
COM17035R	GGTAATTCGGGTTGCATATGAGC	Mutant verification
MUT17040F	CGACATGCCAATCCACTAC	Mutant construction
MUT17040R	CGATACCAGCCGCTGCACTTGC	Mutant construction
COM17040F	GCGGTTTTATTGGCTTTACC	Mutant verification
COM17040R	CGTTCGAGCTTGGCATAGACG	Mutant verification
MUT17045F	ACGTGGTCTGAACTCACC	Mutant construction
MUT17045R	AATGCGTCCAGCAATTGC	Mutant construction
COM17045F	AAATCCATCTTCGACTCC	Mutant verification
COM17045R	AACGACCGTACCATACGC	Mutant verification
MUT17050F	CCTGTCTTTCGCGAAGC	Mutant construction
MUT17050R	CCATGCCTTCATAGGCTTGC	Mutant construction
COM17050F	GGATTAAAAATCGTTTCTG	Mutant verification
COM17050R	GCCATTTTAGTATCGTCTAGC	Mutant verification
14730FXba*	ATGAGTGTACTTGAAGCCAAAC	Mutant complementation
14730RXba*	TCATGTAGGTAACGCCTCC	Mutant complementation
16805FXba*	ATGACCATTATCGGACACAAC	Mutant complementation
16805RXba*	TTAGATCGCTTCTTTAGTCATC	Mutant complementation
17040FXba*	ATGGATTTCGAAAAGGATG	Mutant complementation
17040RXba*	TTACAAAGGCTTTTGAATATTC	Mutant complementation
17045FXba*	GCCAGCTCCTAGACCATAGGC	Mutant complementation
17045RXba*	CTGAAATTTCTCCAGAAACG	Mutant complementation
rpoBF	ATGGCATACTCATATACCG	Mutant complementation
rpoBR	TTAGTCACCATTTTTTAGTTC	Mutant complementation

17030R	GCCTGATTAACCTCTTGCTCG	RT-PCR assay
17035F	GCAGGCGATGTACATATTCAC	RT-PCR assay
17035R	GCAGTGCGTTGGATCTGGATG	RT-PCR assay
17040F	CACGGGAAATATGGCTGCTGG	RT-PCR assay
14730RTF	TAAAGCGTGCAGAGATTGAGAAAC	RT-qPCR assay
14730RTR	TTGAATCCATAAATCGAGCACTAA	RT-qPCR assay
16805RTF	GCCACTTGCACGCCTACA	RT-qPCR assay
16805RTR	CTTTTCACCACTACAGAGCAACCT	RT-qPCR assay
17040RTF	GTAGTACTGACCGCCTGAACGA	RT-qPCR assay
17040RTR	TTAAAAGTCCGATCCCAAATG	RT-qPCR assay
17045RTF	CGGCTACCCTGTTGAGTTTCCTG	RT-qPCR assay
17045RTR	CGATAGTACCTGCACCAATGTCTT	RT-qPCR assay
GyrBRTF	TACAGACGACGGTACCGG	RT-qPCR assay
GyrBRTR	CTGACCGATTCATCTTCG	RT-qPCR assay
Ap^RF	CTCCTTACGCATCTGTGCGG	Amplification of the β-lactamase coding region
Ap^RR	TTACCAATGCTTAATCAGTG	Amplification of the β-lactamase coding region
M13FpUC	GTTTTCCCAGTCACGAC	Sequencing primer for pCR-BluntII-TOPO vector
M13RpUC	CAGGAAACAGCTATGAC	Sequencing primer for pCR-BluntII-TOPO vector
pBAV1KF	GACGAACTCCAATTCACTGTTCCTTGC	Sequencing primer for pBAV1K-T5-gfp vector
pBAV1KR	GGAGAGCGTTCACCGACAAACAACAG	Sequencing primer for pBAV1K-T5-gfp vector

*Oligonucleotides including at the sequence 5'-ACTGTCTAGA to allow *Xba*I digestion.