

Table S1. Primers used in this study.

Primer	Sequence (5'→3') <sup>a, b</sup>
Generation of mutant strains	
bfmR-P1	aaaaaaaa <u>ctgcag</u> aggaacacgtaatgacaaatcacc
bfmR-P2	ttgtaaaatctgattaacttcctataagggtg
bfmR-P3	cagaatcttggtaacttttctcttggt
bfmR-P4	aaaaaaaa <u>ctgcag</u> ttgatcgcgatagataacgtaagc
bfmRC254T InvF	caacattaagattggtgatgatag
bfmRC254T InvR	aTgCGcgTactgaagatatgg
bfmRT689C InvF	gtaaccttactacgtacag
bfmRT689C InvR	tCgttGttaaagaaaccaatgg
AbSP-P1	aaa <u>actgcag</u> ggcatctaacatagacaacgaattgg
AbSP-P2	cgTggattTgcaagTatggatcctcagatggTcgTggccagaactctc
AbSP-P3	gagagTtctggccacgaccatctgaaggatccatactgcaaTccacg
AbSP-P4	aaa <u>actgcag</u> cttcaacaattgatcgattacctg
katE-P1	aaa <u>agaatt</u> cttggctaaatgatacaggtaatcg
katE-P2	gTtagacacagTtagagatgatgcaattgaagatgagTtccagcatgttg
katE-P3	caacatgctggaactcatctcaattgatcatctctaactgtgtctaac
katE-P4	aaa <u>agaatt</u> cacatgtctgtatctatgatgacc
Cloning <i>bfmR</i> for complementation	
bfmR comp F	ttttt <u>ctgcag</u> ggaagttaatcagattttacaatccattgg
bfmR comp R	tttttt <u>gaatt</u> catgccacgatattgagggataaacac

<sup>a</sup>Underlined sequence denotes a restriction site utilized for cloning.

<sup>b</sup>Nucleotides shown in capital letters are altered compared to the original template sequence.