Supplementary Table 6. Oligonucleotides used in this study, Related to Figure STAR Methods.

Olignoculeotide	Source	Description
GTCGACGGTATCGATAATGCTTATGTGTACAGCTGC	This paper	*RUMOBE_00028* forward cloning primer
GCAGGAATTCGATATCACTAATTCTGAAAATGAATCTGC	This paper	*RUMOBE_00028* reverse cloning primer
CCAAAACAGCTTTCGCTACGTTGCTGGCTCGTTTTAACACGGAGTAAGTGTTAGAAAAATTCATCCAGCA	This paper	Construction of *B. obeum luxS* insertion into the *endA* gene of the *E. coli* forward primer
GGTTGTACGCGTGGGGTAGGGGTTAACAAAAAGAATCCCGCTAGTGTAGGCGGGCAGTGAAAGGAAGGCC	This paper	Construction of *B. obeum luxS* insertion into the *endA* gene of the *E. coli* reverse primer
GAACTTTCGTCACGTAAGTC	This paper	*vasK* deletion upstream fragment forward primer
GTCGACGGATCCCCGGAATCATGAATTGTGTCCTTGTTTAC	This paper	*vasK* deletion upstream reverse primer
GAACTTTCGTCACGTAAGTC	This paper	*vasK* deletion downstream fragment forward primer
GTCGACGGATCCCCGGAATCATGAATTGTGTCCTTGTTTAC	This paper	*vasK* deletion downstream reverse primer
ATTCCGGGGATCCGTCGAC	This paper	*vasK* trimethroprim resistance cassette replacement forward primer
TGTAGGCTGGAGCTGCTTC	This paper	*vasK* trimethroprim resistance cassette replacement reverse primer
CTCCTACGGGAGGCAGCAG	This paper	16S forward qPCR primer
TTACCGCGG CTGCTGGCAC	This paper	16S reverse qPCR primer
GCGATCAGATTACGATCACTC	This paper	*RUMOBE_00028* forward qPCR primer
GCCATGCCAACACCTTTTTC	This paper	*RUMOBE_00028* reverse qPCR primer
GAAGAAGTTTGTAAAAGAAGAACACG	Fykse et al. 2007	*tcpA* forward qPCR primer
CGCTGAGACCACACCCATA	This paper	*tcpA* reverse qPCR primer
CACTAAGTGGGCACTTCTCA	This paper	*ctxA* forward qPCR primer
TGATCATGCAAGAGGAACTCA	Fykse et al. 2007	*ctxA* reverse qPCR primer
ATTGAAGGCGAAATGGGCGATAG	Amin Marashi et al., 2013	*recA* forward qPCR primer
TACACATACAGTTGGATTGCTTGAGG	Amin Marashi et al., 2013	*recA* reverse qPCR primer
AATGATACGGCGACCACCGAGATCTACACTATGGTAATTGTGTGCCAGCMGCCGCGGTAA	Earth microbiome project (https://earthmicrobiome.org/protocols-and-standards/16s/)	16S V4 library forward primer

Olignoculeotide	Source	Description
CAAGCAGAAGACGGCATACGAGATNNNNNNNNNNNNAGTCAGTCAGCCGGACTACHVGGGTWTCTAAT	Earth microbiome project (https://earthmicrobiome.org/protocols-and-standards/16s/)	16S V4 library reverse primer
TATGGTAATTGTGTGCCAGCMGCCGCGGTAA	Earth microbiome project (https://earthmicrobiome.org/protocols-and-standards/16s/)	16S V4 library read1 sequencing primer
AGTCAGTCAGCCGGACTACHVGGGTWTCTAAT	Earth microbiome project (https://earthmicrobiome.org/protocols-and-standards/16s/)	16S V4 library read2 sequencing primer
ATTAGAWACCCBDGTAGTCCGGCTGACTGACT	Earth microbiome project (https://earthmicrobiome.org/protocols-and-standards/16s/)	16S V4 library index read sequencing primer