Table S2: Primers used in this study.

Primers	Oligonucleotide sequence, 5′–3′	
Insert for BrrF overexpression mutant OV1		
S63ov-F-SpeI	AAAACTAGTCAGCATCGCGCATAACGGAGAGAC	
S63ov-R-Hind	TTTAAGCTTACATACACGCGGGCCGCATG	
Shorter insert, from cleavage site of *brrF*, by inverse PCR (pBrrF-d2)		
pSC-TSS-BrrF-d2-F	GTATTGTGGGGACCACCTCCCTG	
pSC-TSS-R2	ATTACGACCAGTCTAAAAAGCGCCTG	
Point mutation of *brrF*, by inverse PCR (pBrrF-d3)		
pSC-TSS-BrrF-d3-F	GTATTGTGCCGACCACCTCCCTGAGAG	
pSC-TSS-R2	ATTACGACCAGTCTAAAAAGCGCCTG	
Amplification of plasmid inserts for Sanger sequencing		
rha1F	CACGTTCATCTTTCCCTGGT	
rha1R	CTCTCATCCGCCAAAACAGC	
Constructing and confirming deletion mutant Δ*brrF*		
preS63F-Nhe	AAAGCTAGCGACGCGCACACCGATCCTCTAC	amplification of upstream flanking region
preS63R-Bgl	AAAAGATCTGGAGGTGGTCCCCACAATACTCG	
postS63F-Bgl	TTTAGATCTCCAAGCCACTTTTTTGGTTCTCG	amplification of upstream flanking region
postS63R-Sma	AAACCCGGGGCGTGTGGTGCAAGTACCTGTG	
joinS63F	TCAAACCGAATGACCGACAC	amplification across *brrF* locus to confirm deletion
joinS63R	GGGATTCTGAAGCGACTTGC	
qPCR primers		
M0918F	GAGATGAGCACCGATCACAC	RNA polymerase *rpoD*, control gene
M0918R	CCTTCGAGGAACGACTTCAG	
S63F	AGAGGTGTTGGGCAGTAGCC	*brrF,* anneals at nt 24 - 43
S63R	GGCTGCTTGAGTGTGTTTGC	*brrF,* anneals at nt 82 - 101
M0967F	TCGTCAAGCTGATCGTCCTC	*sdhC*
M0967R	CGATCGAGACGACAAAGACG	

M0969F M0969R	CAACGGTTTCTACGCAGTGG TGGTTCTTCACGTGCTCGAC	*sdhA*
M0961F M0961R	CGTTCGACACGTTCAAGGTC ATCATCGTCGTGTGGCTGTC	*acnA*
M2701F M2701R	ACAACATCACGACCGACCAC TCGCGTACGAATTGAAGTCC	*acnM*
L3299F L3299R	AATCGATGGGCTTCAAGACG GACCTTCCGGGTTCACGTAG	*katB*
M0931F M0931R	CGAAGTGGGACCTGTACGTG CAGACCTTCGTGTCGTCGAG	catalase
L2757F L2757R	ACATCGTGTCGACGAGCAAC CGAAGTCCCAGTTCACGATG	*sodB*
L2143F L2143R	GGCTGCATCACTTCTTCACG GCCAGTTGAACACCTTCACG	*cyoB*
L2343F L2343R	AGTCGGACGTGATGATCGTG CGGACCACCGAGTACGAGTAG	*nuoB*
L2908F L2908R	GATCGACCTGTTGCTGAACG TCAGTGTCGTGCCTTCCTTG	*fumC*
L2287F L2287R	GCTACTACCACCCGCTCGAC CGTTGATCATGTCGGTGAGG	*fumA*
L3367F L3367R	CATCCTGATCGACTGGAACG GCTTCGGCTCCTTCGTGTAG	*edd*
L2643F L2643R	CGGCTGTACCTCCTTTTCCTC CAGGCCGACCAGGTTGTAG	*sodC*
M1833F M1833R	GAAGTGTTCATCGGCTCGTG CACAGCTTGACCGGAATGTC	*acnB*
M2107F M2107R	TCTCGCGTCATTTCATGGAC GGATCCTGCCAGATCAGCTC	*katA*
M0965F M0965R	CGCTTACTCCCTGCTGTTCC AATGCAACCTTCGGATCGTC	*mdh*
L2735F L2735R	CAAGAACTACGCACGCAAGC GATGCGTCGATCACTTCACC	*idh*
M0972F M0972R	GCTACCCGATCGACAACCTC ACCATCGTGTGCTTCGTGAC	*gltA*