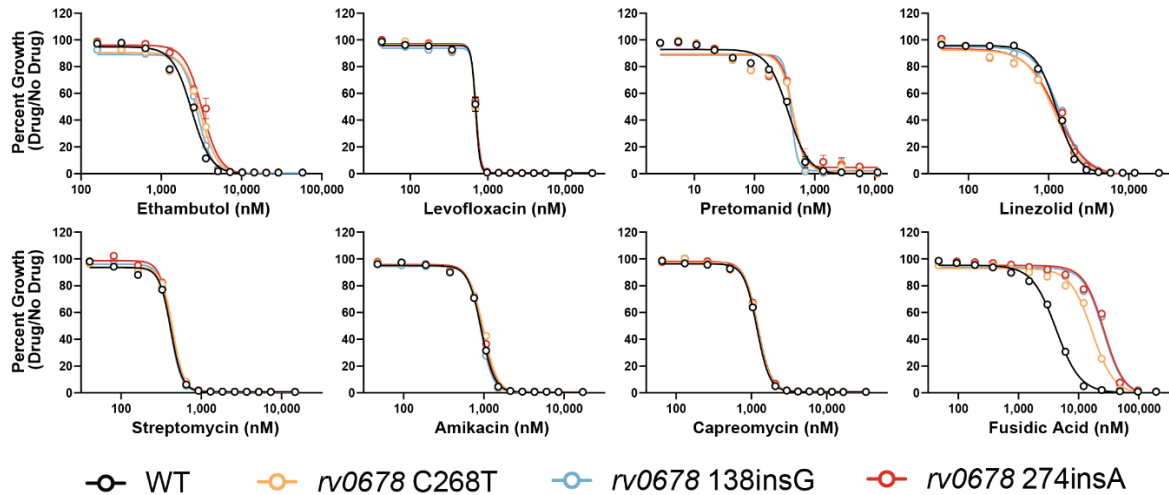
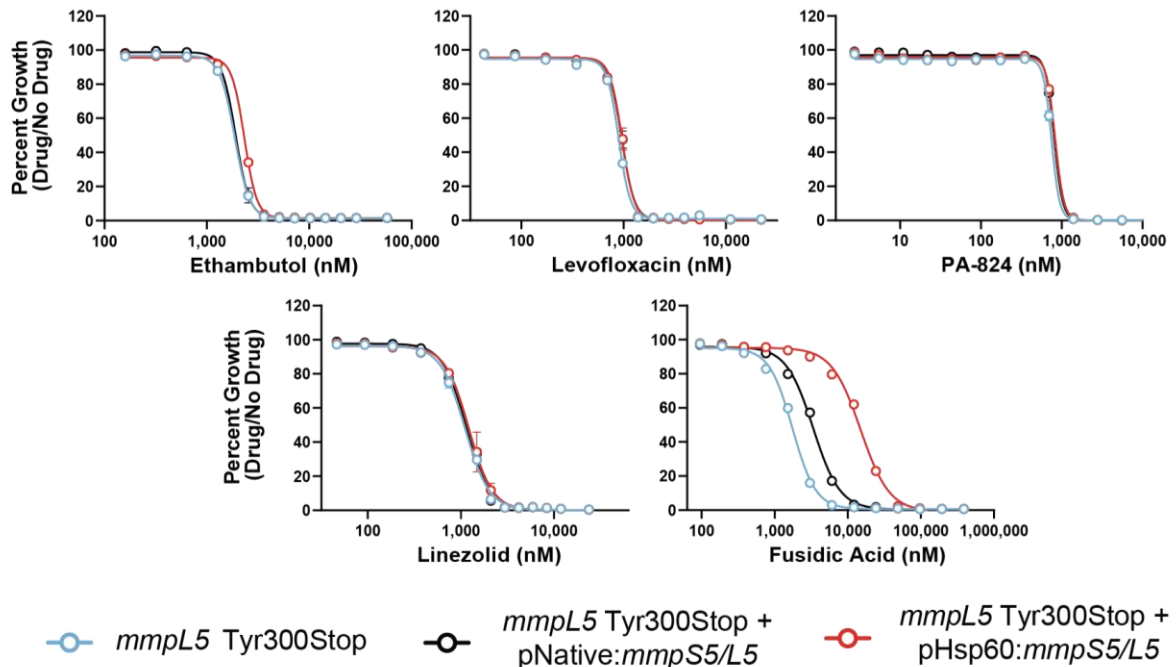


Supplemental material for “Mutations in *rv0678* confer low-level resistance to benzothiazinone DprE1 inhibitors in *M. tuberculosis*” by Poulton et al.



**Figure S1. Antibiotic susceptibility of *rv0678* mutants.** Dose-response curves (mean  $\pm$  s.e.m.,  $n = 3$  replicates) for the indicated *Mtb* strains. Results are representative of two independent experiments.



**Figure S2. Antibiotic susceptibility of *mmpL5* loss-of-function and gain-of-function strains.** Dose-response curves (mean  $\pm$  s.e.m.,  $n = 3$  replicates) for the indicated *Mtb* strains. Results are representative of two independent experiments.

**Table S1:** Oligonucleotides used in this study

Sequence <sup>a</sup>	Use
gtcgccagttcctccgaggactgccgctcgggatc <u>C</u> acacaccagcagccagcccaacaatcgacc gcc	<i>rv0678</i> 138insG ssDNA recombineering oligo
gccagccgcgaaagcgttgggcccgaaccgga aatT <u>a</u> ggtgcgccgatccccggcgaccgcgagc cgctc	<i>rv0678</i> 274insA recombineering oligo
cgcgaaagcgttgggcccgaaccggaaataggt gc <u>A</u> ccgatccccggcgaccgcgagccgctcaat gaac	<i>rv0678</i> C268T recombineering oligo
tgagagttccaatcatcgcc	<i>rv0678</i> amplification primer (forward)
caacaaggagtgaccacaggc	<i>rv0678</i> amplification primer (reverse)
catgaagttcacgccggtct	<i>rv0678</i> sanger sequencing primer

<sup>a</sup> For ssDNA recombineering oligonucleotides, the mutation-conferring nucleotide is underlined.

**Table S2:** Antimicrobial compounds used in this study

Antibiotic	Product number
Amikacin	A0365900 (Sigma Aldrich)
Anhydrotetracycline	AC233135000 (Fisher Scientific)
Bedaquiline	A12327-5 (AdooQ Biosciences)
BTZ043	22930 (Cayman Chemical)
Capreomycin Sulfate	PHR1716 (Sigma Aldrich)
Clofazimine	TCC2866 (VWR)
Ethambutol dihydrochloride	E4630 (Sigma Aldrich)
Fusidic acid sodium salt	F0881 (Sigma Aldrich)
IN-2 DprE1 inhibitor (compound 18(47))	HY-100531 (MedChem Express)
Isoniazid	I3377 (Sigma Aldrich)
Kanamycin	K-120-50 (GoldBio)
Levofloxacin	28266 (Sigma Aldrich)
Linezolid	SML1290 (Sigma Aldrich)
PBTZ169	22202 (Cayman Chemical)
Rifampicin	R0079 (TCI)
Streptomycin sulfate	S-150-100 (GoldBio)
TCA-1 (DprE1 inhibitor)	50-589-30001 (Fisher Scientific)
Zeocin	J67140-8EQ (Alfa Aesar)