

## Supplemental Table 2: Strain information

### S2A: Strain MIC

Strain	Gentamicin	Ciprofloxacin	Ampicillin	Ceftriaxone	Vancomycin
<i>E. Coli</i> K-12 BW25113	4	0.03125 ng/mL	4		
<i>S. Typhimurium</i> 14028s	4	0.03125 ng/mL	4		
<i>S. aureus</i> 12600	16	250 ng/mL	1	500 ng/mL	1

### S2B: Strains

Strain	Relevant genetic marker(s) or features	Source, reference or construction
<i>E. coli</i> strains		
K-12 BW25113	F-, $\Delta(\text{araD-araB})567$ , $\Delta\text{lacZ4787} (::\text{rrnB-3})$ , $\lambda$ -, $\Delta\text{guaB757}::\text{kan}$ , $\text{rph-1}$ , $\Delta(\text{rhaDrhaB})568$ , $\text{hsdR514}$	Keio collection
K-12 BW25113		Transformation, select strep <sup>R</sup>
K-12 BW25113 AD	BW25113 $\Delta\text{add} \Delta\text{deoD}$	Transformation, select strep <sup>R</sup>
WT rrnB:GFP	BW25113 <i>rrnB</i> P1: <i>gfp</i>	Transformation, select strep <sup>R</sup> , select Kan <sup>R</sup>
AD rrnB:GFP	BW25113 $\Delta\text{add} \Delta\text{deoD}$ <i>rrnB</i> P1: <i>gfp</i>	Transformation select strep <sup>R</sup> , select Kan <sup>R</sup>
WT rrnD:GFP	BW25113 <i>rrnD</i> P1: <i>gfp</i>	Transformation select strep <sup>R</sup> , select Kan <sup>R</sup>
AD rrnD:GFP	BW25113 $\Delta\text{add} \Delta\text{deoD}$ <i>rrnD</i> P1: <i>gfp</i>	Transformation select strep <sup>R</sup> , select Kan <sup>R</sup>
AD pWSK29 EV	BW25113 $\Delta\text{add} \Delta\text{deoD}$ , pWSK29	Transformation select Amp <sup>R</sup>
AD pWSK29:: <i>add</i>	BW25113 $\Delta\text{add} \Delta\text{deoD}$ , pWSK29:: <i>add</i>	Transformation select Amp <sup>R</sup>
AD pWSK29:: <i>deoD</i>	BW25113 $\Delta\text{add} \Delta\text{deoD}$ , pWSK29:: <i>deoD</i>	Transformation select Amp <sup>R</sup>
CF1648	F-, $\lambda$ -, $\text{rph-1}$	Cashel lab MG1655 WT
CF1693	CF1648 $\Delta\text{relA}::\text{kan} \Delta\text{spoT}::\text{cam}$	Cashel lab (52)
AVT K12 WT rrnB:GFP	CF1648 <i>rrnB</i> P1: <i>gfp</i>	Transformation, select Kan <sup>R</sup>
AVT K12 RS rrnB:GFP	CF1693 $\Delta\text{relA} \Delta\text{spoT}$ <i>rrnB</i> P1: <i>gfp</i>	Transformation, select Kan <sup>R</sup>
AVT K12 WT rrnD:GFP	CF1648 <i>rrnD</i> P1: <i>gfp</i>	Transformation, select Kan <sup>R</sup>
AVT K12 RS rrnD:GFP	CF1693 $\Delta\text{relA} \Delta\text{spoT}$ <i>rrnD</i> P1: <i>gfp</i>	Transformation, select Kan <sup>R</sup>
<i>Salmonella</i> strains		
14028s	<i>S. Typhimurium</i>	ATCC
14028s AV17122	$\Delta\text{atpB}$	(43)
14028s AV0438	$\Delta\text{nuo} \Delta\text{ndh}$	(44)
<i>S. aureus</i> strain		
ATCC 12600	NCTC 8532	ATCC

### S2C: Plasmids

Plasmid	Description	Reference
pE-FLP	<i>ori repA101</i> , <i>flp</i> , Amp <sup>R</sup>	Addgene plasmid #45978
pMSs201 rrnBP1-GFP	<i>rrnBP1:gfp</i> , Kan <sup>R</sup>	Dharmacon Horizon Discovery
pMSs201 rrnDP1-GFP	<i>rrnDP1:gfp</i> , Kan <sup>R</sup>	Dharmacon Horizon Discovery
pORTMAGE	pBBR1 <i>oriV</i> , <i>mutL E32K</i> , $\lambda$ rep (ts), <i>beta</i> , <i>exo</i> , Cm <sup>R</sup>	Addgene plasmid #72679
pWSK29	Amp <sup>R</sup>	Addgene plasmid #172972
pWSK29:: <i>add</i>	<i>add</i> , Amp <sup>R</sup>	
pWSK29:: <i>deoD</i>	<i>deoD</i> , Amp <sup>R</sup>	