

**Table S1. MICs for drug - *E. coli* strains combinations**

Antibiotic ( $\mu\text{g/mL}$ )	Strains										
	S119A ( <i>sulA</i> <sup>*</sup> )	G80A ( <i>sulA</i> <sup>*</sup> )	MG1655	E86P ( <i>sulA</i> <sup>*</sup> )	$\Delta\text{recA}$	S119A	G80A	WT	E86P	Delta	<i>recA730</i>
Mitomycin C	0.88	4	4	3	0.25	0.75	4	4	3	2	2
Ciprofloxacin	0.012	0.028	0.028	0.024	0.004	0.004	0.016	0.016	0.016	0.008	0.012
Levofloxacin	0.004	0.016	0.008	0.012	0.0018	0.006	0.028	0.028	0.016	0.007	0.014
Nitrofurantoin	3	8	8	10	0.375	5.5	8	12	12	8	8
Novobiocin	128	128	64	160	64	128	128	128	128	128	64
Trimethoprim	0.256	0.256	0.128	0.256	0.128	0.128	0.128	0.128	0.128	0.128	0.128
Ampicillin	6	6	8	6	8	7	6	6	6	4	7
Ceftazidime	192	224	160	224	384	288	288	256	256	160	384
Streptomycin	8	7	5	4	4	8	8	6	6	7	10
Spectinomycin	16	16	16	16	16	24	16	32	28	16	32
Tetracycline	2	2	2	2	1	2	2	2	2	2	ND
Erythromycin	64	64	64	64	20	24	32	32	32	20	32