

**Table S3: Strains and plasmids used in this study**

<b>Strain</b>	<b>Genotype</b>	<b>Reference</b>
MG1655	<i>E. coli</i> K-12 F, $\lambda$ , <i>ilvG</i> , <i>rfb-50</i> , <i>rph-1</i>	(1)
SC301467 ( $\Delta$ 5KG)	MG1655 $\Delta$ <i>mazF</i> $\Delta$ <i>chpSB</i> $\Delta$ <i>relBEF</i> $\Delta$ <i>dinJ-yafQ</i> $\Delta$ <i>yefM-yoeB</i>	(2)
MGJ598 ( $\Delta$ 7KG)	$\Delta$ 5KG $\Delta$ <i>higBA</i> $\Delta$ <i>prfF-yhaV</i>	(2)
MGJ5987 ( $\Delta$ 8KG)	$\Delta$ 7KG $\Delta$ <i>yafNO</i>	(2)
MGJ5987 ( $\Delta$ 9KG)	$\Delta$ 8KG $\Delta$ <i>mqsRA</i>	(2)
MGJ5987 ( $\Delta$ 10KG)	$\Delta$ 9KG $\Delta$ <i>hicAB</i>	(2)
LVM100 ( $\Delta$ 5LVM)	MG1655 $\Delta$ <i>chpSB</i> $\Delta$ <i>mazEF</i> $\Delta$ <i>relBE</i> $\Delta$ <i>yefM-yoeB</i> $\Delta$ <i>dinJ-yafQ</i>	(3)
$\Delta$ 10LVM	LVM100 $\Delta$ <i>yafNO</i> $\Delta$ <i>prfF-yhaV</i> $\Delta$ <i>hicAB</i> $\Delta$ <i>higBA</i> $\Delta$ <i>mqsRA</i>	(4)
<i>rpoS-mcherry</i>	MG1655 <i>rpoS-mCherry::frt</i>	(5)
<i>yoeB::gfp</i>	MG1655 <i>yoeB::GFP::frt</i>	(5)
<i>relE::gfp</i>	MG1655 <i>relE::GFP::frt</i>	(5)
<b>Plasmid</b>	<b>Properties</b>	<b>Reference</b>
pET <i>gfpmut2</i>	pET41a <i>ptac::gfpmut2-AGGAGG(3)-CAT-trpterminator</i>	(6)
pBeloBAC11	<i>cat ori2(F) repE parABC cos lacZ<math>\alpha</math></i>	NEB
<i>pmSc</i>	pBeloBAC11 $\Delta$ ( <i>lacZ<math>\alpha</math>-cos</i> )::( $\lambda$ <i>t1ter-mScarlet-I-T7TE-luxIA</i> )	This study
<i>pyefMyoeB::mSc</i>	pBeloBAC11 $\Delta$ ( <i>lacZ<math>\alpha</math>-cos</i> )::( $\lambda$ <i>t1ter-pyefMyoeB::mScarlet-I-T7TE-luxIA</i> )	This study
<i>prelBE::mSc</i>	pBeloBAC11 $\Delta$ ( <i>lacZ<math>\alpha</math>-cos</i> )::( $\lambda$ <i>t1-prelBE::mScarlet-I-T7TE-luxIA</i> )	This study

**References cited in Table S3**

1. Blattner FR, Plunkett G, 3rd, Bloch CA, Perna NT, Burland V, Riley M, Collado-Vides J, Glasner JD, Rode CK, Mayhew GF, Gregor J, Davis NW, Kirkpatrick HA, Goeden MA, Rose DJ, Mau B, Shao Y. 1997. The complete genome sequence of *Escherichia coli* K-12. *Science* 277:1453-1462.
2. Maisonneuve E, Shakespeare LJ, Jorgensen MG, Gerdes K. 2011. Bacterial persistence by RNA endonucleases. *Proc Natl Acad Sci U S A* 108:13206-13211.
3. Tsilibaris V, Maenhaut-Michel G, Mine N, Van Melderen L. 2007. What is the benefit to *Escherichia coli* of having multiple toxin-antitoxin systems in its genome? *J Bacteriol* 189:6101-6108.
4. Goeders N, Dreze PL, Van Melderen L. 2013. Relaxed cleavage specificity within the RelE toxin family. *J Bacteriol* 195:2541-2549.
5. Maisonneuve E, Castro-Camargo M, Gerdes K. 2013. (p)ppGpp controls bacterial persistence by stochastic induction of toxin-antitoxin activity. *Cell* 154:1140-1150.
6. Luidalepp H, Joers A, Kaldalu N, Tenson T. 2011. Age of inoculum strongly influences persister frequency and can mask effects of mutations implicated in altered persistence. *J Bacteriol* 193:3598-3605.