Table S1. *E. coli* K-12 strains used

Strain	Relevant Genotype	Reference or Construction
SR108	λ⁻, *thyA36*, *deoC2*, *IN*(*rrnD-rrnE*)1, *rph*	(Mellon and Hanawalt, 1989)
DY329	Δ*lacU169, nadA*::Tn*10, gal490*, λ*cI857*, Δ(*cro-bioA*)	(Yu et al., 2000)
CL1155	Δ*lacU169, nadA*::Tn*10, gal490*, λ*cI857*, Δ(*cro-bioA*), *xthA*::*cat*	DY329 x PCR fragment (xthA-cat primers)
Strains isogenic to SR108:		
HL921	*recA*::Tn*10*	(Courcelle et al., 1997)
HL922	*recB21 recC22 argA81*::Tn*10*	(Courcelle et al., 1997)
HL952	*uvrA*::Tn*10*	(Courcelle et al., 1999)
CL008	*recG258*::Tn*5*	(Donaldson et al., 2004)
CL544	*recR6212*::*cat*	(Courcelle et al., 2003)
CL577	*ruvC53eda-51*::Tn*10*	(Donaldson et al., 2004)
CL579	*recF6206*::*tet*	(Courcelle et al., 2003)
CL915	*recN*::*cat*	(Cole et al., 2018)
CL1168	*xthA*::*cat*	SR108 x P1 (CL1155)