

SUPPLEMENTAL TABLE 1. *E. coli* strains used in this study

Strain	Relevant genotype	Source or construction
FB20884	<i>recA::Tn5KAN-I-SceI</i>	U. Wisconsin <i>E. coli</i> Genome Project
RW126	<i>recA718 srlC300::Tn10</i> <i>lexA71(Def)::Tn5 (umuDC)594::cat</i>	R. Woodgate (21)
SS446	<i>recB268::Tn10</i>	S. Sandler ¹
JD27347	<i>recF::miniTn10 (kan)</i>	National BioResource Project (NIG, Japan) : <i>E. coli</i> (Miki, T. to be published)
JD20690	<i>recR::miniTn10 (kan)</i>	National BioResource Project (NIG, Japan) : <i>E. coli</i> (Miki, T. to be published)
BW27784	DE(<i>araBAD</i>)567 DE(<i>rhaBAD</i>)568 DE(<i>araFGH</i>) $\Phi(\Delta$ <i>araEpP</i> _{CP18} - <i>araE</i>)	Yale <i>E. coli</i> Genetic Stock Center (15)
YT101	BW27784 <i>recA::Tn5KAN-I-SceI</i>	P1(FB20884) x BW27784, Kan resistance
YT102	BW27784 <i>recB268::Tn10</i>	P1(SS446) x BW27784, Tet resistance
JHS1	BW27784 <i>recA718 srlC300::Tn10</i>	P1(RW126) x BW27784, Tet resistance
JHS2	BW27784 <i>recF::miniTn10(kan)</i>	P1(JD27347) x BW27784, Kan resistance
JHS3	BW27784 <i>recR::miniTn10(kan)</i>	P1(JD20690) x BW27784, Kan resistance

¹ McCool, J. D. and S. J. Sandler. 2001. Effects of mutations involving cell division, recombination, and chromosome dimer resolution on a *priA2::kan* mutant. Proc. Natl. Acad. Sci. U. S. A. **98**:8203-8210.