

Table S1. List of strains

Strain	Genotype	Source/derivation
JW0698-1	BW25113 $\Delta phr-758::kan$	CGSC
JW1100-1	BW25113 $\Delta mfd-739::kan$	CGSC
JW3786-5	BW25113 $\Delta uvrD769::kan$	CGSC
MG1655	F-, λ -, <i>rph-1</i>	CGSC
MGP	MG1655 $\Delta phr::kan$	Kan ^r transductant, P1JW0698-1 x MG1655
MPd	MGP DEL(<i>kan</i>)	FLP-mediated deletion of <i>kan</i>
MPdM	MPd $\Delta mfd::kan$	Kan ^r transductant, P1JW1100-1 x MPd
MPdMd	MPdM DEL(<i>kan</i>)	FLP-mediated deletion of <i>kan</i>
MPdD	MPd $\Delta uvrD::kan$	Kan ^r transductant, P1JW3786-5 x MPd
MPdDd	MPdD DEL(<i>kan</i>)	FLP-mediated deletion of <i>kan</i>
CF10237	MG1655 $\Delta relA256\Delta spoT203$	M. Cashel (Kamarthapuet al., 2016)
CFPK	CF10237 $\Delta phr::kan$	Kan ^r transductant, P1JW0698-1 x CF10237
CFPd	CFPK DEL(<i>kan</i>)	FLP-mediated deletion of <i>kan</i>
CFPdMK	CFPd $\Delta mfd::kan$	Kan ^r transductant, P1JW1100-1 x CFPd
CFPdMd	CFPdMK DEL(<i>kan</i>)	FLP-mediated deletion of <i>kan</i>
CFPdDK	CFPd $\Delta uvrD::kan$	Kan ^r transductant, P1JW3786-5 x CFPd
CFPdDd	CFPdDK DEL(<i>kan</i>)	FLP-mediated deletion of <i>kan</i>

CGSC, Coli Genetic Stock Center; Kan^r, kanamycin resistant; FLP-mediated deletion by transient transformation with pCP20