

Strain	Genotype	Source
GJ13519	MG1655 $\Delta(\text{argF-lac})\text{U169}$	LBG, CDFD
<u>Derivatives of GJ13519</u>		
ΔrnhA	$\Delta\text{rnhA}::\text{FRT}$	LBG, CDFD
$\Delta\text{dnaA}/\text{dnaA}^+$	$\Delta\text{dnaA}::\text{FRT}/\text{pHYD2388}$	LBG, CDFD
$\Delta\text{rnhA-dnaA}/\text{dnaA}^+$	$\Delta\text{dnaA}::\text{FRT } \Delta\text{rnhA}::\text{FRT}/\text{pHYD2388}$	LBG, CDFD
$\Delta\text{rnhA-}\Delta\text{dnaA}$	$\Delta\text{dnaA}::\text{FRT } \Delta\text{rnhA}::\text{FRT}$	This study
GJ13519/ dnaA^+	GJ13519/ pHYD2388	This study
GJ13519 $\Delta\text{hotH}/\text{dnaA}^+$	GJ13519 $\Delta/\text{pHYD2388}$	This study
$\Delta\text{rnhA}\Delta\text{dnaA}\Delta\text{hotH}/\text{dnaA}^+$	$\Delta\text{dnaA}::\text{FRT } \Delta\text{rnhA}::\text{FRT } \Delta\Delta4555284: 45660615(\text{uxuR-yjiN}) /\text{pHYD2388}$	This study
$\Delta\text{rnhA-}\Delta\text{dnaA-}\Delta\text{rnhA-}\Delta\text{dnaA}\Delta\text{hotH}$	$\Delta\text{dnaA}::\text{FRT } \Delta\text{rnhA}::\text{FRT } \Delta\Delta4555284: 45660615(\text{uxuR-yjiN})$	This study
Plasmid	Description	Source
pUA139	Low copy plasmid with fast folding GFP mut2	SAFS lab
$\text{pUA139}::\text{Wt } \text{rrnD IGR}$	pUA139 vector carrying 598bp <i>rrsD-yrdA</i> intergenic region sequence	This study
$\text{pUA139}::\text{Mut } \text{rrnD IGR}$	pUA139 vector carrying 598bp <i>rrsD-yrdA</i> mutant intergenic [G-A(3,429,052), +A(3,429,054)] sequence	This study
pHYD2388	pMU575 derivative carrying <i>S.enterica dnaA</i> ⁺	LBG, CDFD
Primer Description	Sequence 5' -----> 3'	Source
<i>Hot</i> HKO pKD13 F	GTTGACGATATTTATTTTGATGGCTATCTGTTTGA Tgtgtaggctggagctgcttcg	This study
<i>Hot</i> HKO pKD13 R	TTCGCTGGCTGGAGAGCGAGCATCCACTGAAAG CCAattccggggatccgctgacc	This study
<i>rrsD -yrdA IGR F</i>	ATTACTCGAGTCGTCAGCGAAACAGCAA	This study
<i>rrsD-yrdA IGR R</i>	TAATAGATCTGTATGGGCGTAAAACATC	This study