

Table S1. Bacterial strains used in this study

Strain	Genotype or purpose	Reference or source
DH10B	F ⁻ <i>mcrA</i> $\Delta(mrr-hsdRMS-mcrBC)$ $\phi 80lacZ\Delta M15$ $\Delta lacX74$ <i>recA1</i> <i>endA1</i> <i>araD139</i> $\Delta(ara-leu)7697$ <i>galU</i> <i>galK</i> λ^- <i>rpsL(Str^R)</i> <i>nupG</i>	Thermo Fisher Scientific
DH10B-Me	Methylation-proficient DH10B carrying plasmid pACYC-Me	This study
DH10B-RSFMe	Methylation-proficient DH10B carrying plasmid pRSFori-Me	This study
Tuner(DE3)	F ⁻ <i>ompT</i> <i>hsdS_B</i> (<i>r_B⁻</i> <i>m_B⁻</i>) <i>gal</i> <i>dcm</i> <i>lacY1</i> (DE3)	Novagen, Merck, USA
ER2566	<i>fhuA2</i> <i>lacZ::T7</i> <i>gene1</i> [<i>Ion</i>] <i>ompT</i> <i>gal</i> <i>sulA11</i> R(<i>mcr-73::miniTn10-Tet^S</i>)2 [<i>dcm</i>] R(<i>zgb-210::Tn10-Tet^S</i>) <i>endA1</i> $\Delta(mcrC-mrr)114::IS10$	New England Biolabs, USA
ER2566-Me	Methylation-proficient ER2566 carrying plasmid pACYC-Me	This study
ArcticExpress(DE3)	<i>E. coli</i> B F ⁻ <i>ompT</i> <i>hsdS</i> (<i>r_B⁻</i> <i>m_B⁻</i>) <i>dcm⁺</i> Tet ^r <i>gal</i> λ (DE3) <i>endA</i> <i>Hte</i> [<i>cpn10</i> <i>cpn60</i> <i>Gent^r</i>]	Agilent Technologies, USA
LMG194	F ⁻ $\Delta lacX74$ <i>galE</i> <i>thi</i> <i>rpsL</i> (Str ^R) $\Delta phoA$ (<i>PvuII</i>) $\Delta ara714$ <i>leu::Tn10</i>	Thermo Fisher Scientific
LMG194-Me	Methylation-proficient LMG194 carrying plasmid pACYC-Me	This study
LMG194-RSFMe	Methylation-proficient LMG194 carrying plasmid pRSF ori-Me	This study
GM119	F- <i>supE44</i> <i>lacY1</i> <i>galK2</i> <i>galT22</i> <i>metB1</i> <i>dam-3</i> <i>dcm-6</i> <i>tsx-78</i> <i>lambda-</i>	[1]

1. Arraj, J. A.; Marinus, M. G. Phenotypic reversal in *dam* mutants of *Escherichia coli* K-12 by a recombinant plasmid containing the *dam⁺* gene. *J. Bacteriol.* **1983**, *153*, 562–565.