

Table S1. Bacterial strains used in this study

Strain	Genotype or purpose	Reference or source
DH10B	F ⁻ <i>mcrA</i> Δ (<i>mrr-hsdRMS-mcrBC</i>) ϕ 80 <i>lacZ</i> Δ M15 Δ <i>lacX74</i> <i>recA1</i> <i>endA1</i> <i>araD139</i> Δ (<i>ara-leu</i>)7697 <i>galU</i> <i>galK</i> λ^- <i>rpsL</i> (Str ^R) <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 dcm lacY1</i> (DE3)	Novagen, Merck, USA
ER2566	<i>fhuA2 lacZ::T7 gene1</i> [<i>Ion</i>] <i>ompT gal 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> Δ (<i>mcrC-mrr</i>)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> ⁺ <i>Tet^rgal</i> λ (DE3) <i>endA</i> Hte [<i>cpn10 cpn60</i> Gent ^r]	Agilent Technologies, USA
LMG194	F ⁻ Δ <i>lacX74</i> <i>galE thi rpsL</i> (Str ^R) Δ <i>phoA</i> (<i>PvuII</i>) Δ <i>ara714 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 lacY1 galK2 galT22 metB1 dam-3 dcm-6 tsx-78 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.