

Table S2: Plasmids

Plasmid	Relevant properties	Source
pRLG8150	pET33-DksA	(19)
pRLG10347	pET33-RSP2654	This work
pRLG12055	pET33-2654 D80I	This work
pRLG12056	pET33-2654 D80E	This work
pRLG12057	pET33-2654 A82T	This work
pRLG12058	pET33-2654 D80I/A82T	This work
pRLG6332	pINIIIA1	(10)
pRLG6333	pINIIIA1-DksA	(10)
pRLG10841	pINIIIA1-RSP0166	This work
pRLG11003	pINIIIA1-RSP2654	This work
pRLG1616	pRLG770 containing <i>rrnB</i> P1(-88 to +50) and <i>RNA-1</i> promoters	(70)
pRLG3422	pRLG770 containing <i>lacUV5</i> (-59 to +39) and <i>RNA-1</i> promoters	(71)
pRLG4413	pRLG770 containing <i>hisG</i> (-60 to +1) and <i>RNA-1</i> promoters	(39)
pK18mobsacb	Broad host range mobilizable vector; <i>Km^r oriV oriT mob sacB</i>	(65)
pKCL07	2286-bp <i>R. sphaeroides</i> genomic region containing RSP0166 in pK18mobsacB	This study
pKCL08	pKC07 with the entire RSP0166 ORF deleted	This study
pKCL09	2281-bp <i>R. sphaeroides</i> genomic region containing RSP2654 in pK18mobsacB	This study
pKCL10	pKCL09 with the entire RSP2654 ORF deleted	This study
pKCL11	As pKCL09 but encoding RSP2654-D80N	This study
pKCL12	As pKCL09 but encoding RSP2654-A82T	This study
pIND5	Expression vector inducible by IPTG; <i>Km^r</i>	(32)
pKCL15 (pIND5-RSP2654)	RSP2654 in pIND5	This study
pKCL17 (pIND5-DksA _{EC})	<i>E. coli dksA</i> in pIND5	This study
pKCL18 (pIND5-DksA-D74N)	<i>E. coli dksA-D74N</i> in pIND5	This study
pMA-T RSP2654		Gene Art (Life Technologies)

SUPPLEMENTAL REFERENCES

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