

Plasmid	Relevant genotype/markers	Source
pKT25	Kan ^R , C-terminus fusion of adenylate cyclase T25 domain	(1, 2)
pKNT25	Kan ^R , N-terminus fusion of adenylate cyclase T25 domain	(1, 2)
pUT18C	Amp ^R , C-terminus fusion of adenylate cyclase T18 domain	(1, 2)
pUT18	Amp ^R , N-terminus fusion of adenylate cyclase T18 domain	(1, 2)
pKT25- <i>zip</i>	Kan ^R , positive control for adenylate cyclase two-hybrid system	(1, 2)
pUT18C- <i>zip</i>	Amp ^R , positive control for adenylate cyclase two-hybrid system	(1, 2)
pAG1	pKNT25 containing full-length <i>cdtB</i> fused to adenylate cyclase T25 domain, Kan ^R	This study
pAG2	pUT18 containing full-length <i>cdtB</i> fused to adenylate cyclase T18 domain, Amp ^R	This study
pAG3	pKT25 containing <i>cdtB</i> lacking signal peptide coding region fused to adenylate cyclase T25 domain, Kan ^R	This study
pAG4	pKNT25 containing <i>cdtB</i> lacking signal peptide coding region fused to adenylate cyclase T25 domain, Kan ^R	This study
pAG5	pUT18 containing <i>cdtB</i> lacking signal peptide coding region fused to adenylate cyclase T18 domain, Amp ^R	This study
pAG6	pUT18C containing <i>cdtB</i> lacking signal peptide coding region fused to adenylate cyclase T18 domain, Amp ^R	This study
pAG7	pKNT25 containing full-length <i>pltA</i> fused to adenylate cyclase T25 domain, Kan ^R	This study
pAG8	pUT18 containing full-length <i>pltA</i> fused to adenylate cyclase T18 domain, Amp ^R	This study
pAG9	pKT25 containing <i>pltA</i> lacking signal peptide coding region fused to adenylate cyclase T25 domain, Kan ^R	This study
pAG10	pKNT25 containing <i>pltA</i> lacking signal peptide coding region fused to adenylate cyclase T25 domain, Kan ^R	This study
pAG11	pUT18 containing <i>pltA</i> lacking signal peptide coding region fused to adenylate cyclase T18 domain, Amp ^R	This study
pAG12	pUT18C containing <i>pltA</i> lacking signal peptide coding region fused to adenylate cyclase T18 domain, Amp ^R	This study
pAG13	pKT25 containing c-terminus region of <i>pltA</i> fused to adenylate cyclase T25 domain, Kan ^R	This study
pAG14	pKNT25 containing c-terminus region of <i>pltA</i> fused to adenylate cyclase T25 domain, Kan ^R	This study
pAG15	pUT18 containing c-terminus region of <i>pltA</i> fused to adenylate cyclase T18 domain, Amp ^R	This study
pAG16	pUT18C containing c-terminus region of <i>pltA</i> fused to adenylate cyclase T18 domain, Amp ^R	This study
pAG17	pKNT25 containing full-length <i>pltB</i> fused to adenylate cyclase T25 domain, Kan ^R	This study
pAG18	pUT18 containing full-length <i>pltB</i> fused to adenylate cyclase T18 domain, Amp ^R	This study
pAG19	pKT25 containing <i>pltB</i> lacking signal peptide coding region fused to adenylate cyclase T25 domain, Kan ^R	This study
pAG20	pKNT25 containing <i>pltB</i> lacking signal peptide coding region fused to adenylate cyclase T25 domain, Kan ^R	This study
pAG21	pUT18 containing <i>pltB</i> lacking signal peptide coding region fused to adenylate cyclase T18 domain, Amp ^R	This study
pAG22	pUT18C containing <i>pltB</i> lacking signal peptide coding region fused to adenylate cyclase T18 domain, Amp ^R	This study
pAG23	pKT25 containing c-terminus region of <i>pltB</i> fused to adenylate cyclase T25 domain, Kan ^R	This study
pAG24	pKNT25 containing c-terminus region of <i>pltB</i> fused to adenylate cyclase T25 domain, Kan ^R	This study
pAG25	pUT18 containing c-terminus region of <i>pltB</i> fused to adenylate cyclase T18 domain, Amp ^R	This study
pAG26	pUT18C containing c-terminus region of <i>pltB</i> fused to adenylate cyclase T18 domain, Amp ^R	This study
pAG27	pKNT25 containing full-length <i>artB</i> fused to adenylate cyclase T25 domain, Kan ^R	This study
pAG28	pUT18 containing full-length <i>artB</i> fused to adenylate cyclase T18 domain, Amp ^R	This study
pAG29	pKT25 containing <i>artB</i> lacking signal peptide coding region fused to adenylate cyclase T25 domain, Kan ^R	This study
pAG30	pKNT25 containing <i>artB</i> lacking signal peptide coding region fused to adenylate cyclase T25 domain, Kan ^R	This study
pAG31	pUT18 containing <i>artB</i> lacking signal peptide coding region fused to adenylate cyclase T18 domain, Amp ^R	This study
pAG32	pUT18C containing <i>artB</i> lacking signal peptide coding region fused to adenylate cyclase T18 domain, Amp ^R	This study
pAG33	pKT25 containing c-terminus region of <i>artB</i> fused to adenylate cyclase T25 domain, Kan ^R	This study

pAG34	pKNT25 containing c-terminus region of <i>artB</i> fused to adenylate cyclase T25 domain, Kan ^R	This study
pAG35	pUT18 containing c-terminus region of <i>artB</i> fused to adenylate cyclase T18 domain, Amp ^R	This study
pAG36	pUT18C containing c-terminus region of <i>artB</i> fused to adenylate cyclase T18 domain, Amp ^R	This study
pAG37	pUT18 containing <i>pltB-3x-Flag artB-c-Myc</i>	This study
pAG38	pUT18 containing <i>pltB-3x-Flag</i>	This study
pAG39	pUT18 containing <i>artB-c-Myc</i>	This study
pAG40	pKNT25 containing <i>cdtB-His pltA-Flag</i>	This study
pAG41	pKNT25 containing <i>cdtB-His</i>	This study
pAG42	pKNT25 containing <i>pltA-Flag</i>	This study
pAG43	pKNT25 containing <i>cdtB-His pltA-Strep</i>	This study
pKD46	λ -Red recombinase plasmid	(3)
pKD4	Template plasmid	(3)
pCP20	Flippase plasmid	(3)

References

1. Karimova G, Pidoux J, Ullmann A, Ladant D. 1998. A bacterial two-hybrid system based on a reconstituted signal transduction pathway. *Proc Natl Acad Sci U S A* 95:5752-6.
2. Karimova G, Ullmann A, Ladant D. 2001. Protein-protein interaction between *Bacillus stearothermophilus* tyrosyl-tRNA synthetase subdomains revealed by a bacterial two-hybrid system. *J Mol Microbiol Biotechnol* 3:73-82.
3. Datsenko KA, Wanner BL. 2000. One-step inactivation of chromosomal genes in *Escherichia coli* K-12 using PCR products. *Proc Natl Acad Sci U S A* 97:6640-5.