

Table S1 *B. subtilis* strains used in this study and their genotypes

Strain	Genotype	Construction	Reference or source
168	<i>trpC2</i>		Laboratory stock
YNESp	<i>trpC2</i> Δ <i>yneS</i> ::pMutinNC (<i>P</i> spac- <i>yneS erm</i>)		(1)
MY101	<i>trpC2 yneR</i> :: <i>cat</i> ⁺		This study
MY102	<i>trpC2</i> Δ <i>yneR</i> :: <i>cat</i> ⁻	pCH11 → MY101	This study
MY103	<i>trpC2 yneS-ts cat</i>		This study
MY105	<i>trpC2 yneS-ts cat sup-1</i>		This study
MY107	<i>trpC2</i> Δ <i>yneS</i> ::pMutinNC (<i>P</i> spac- <i>yneS erm</i>) <i>sup-1</i>	YNESp → MY105	This study
MY108	<i>trpC2</i> Δ <i>glpD</i> ::pMutinNC (<i>erm</i>)	pMutinNC <i>glpD</i> → 168	This study
MY109	<i>trpC2 yneS-ts cat</i> Δ <i>glpD</i> ::pMutinNC (<i>erm</i>)	MY108 → MY103	This study
MY110	<i>trpC2</i> Δ <i>aprE</i> ::Pspac- <i>plsX-kan</i>	pAPNCK <i>plsX</i> → 168	This study
MY111	<i>trpC2</i> Δ <i>aprE</i> ::Pspac- <i>plsX-kan</i> Δ <i>plsX</i> :: <i>cat-p-t</i> *		This study
MY112	<i>trpC2 plsC-CΔ7 cat</i>		This study

* coding sequence of the chloramphenicol-resistant gene without the promoter and terminator

Reference

1. Kobayashi K, Ehrlich SD, Albertini A, Amati G, Andersen KK, Arnaud M, Asai K, Ashikaga S, Aymerich S, Bessieres P *et al*: **Essential *Bacillus subtilis* genes**. *Proc Natl Acad Sci U S A* 2003, **100**(8):4678-4683.