

Table 1. *B. subtilis* strains used

Strain	Relevant genotype or characteristics	Source or reference [§]
BR151	<i>trpC2 metB10 lys-3</i>	Lab stock
SA501	SP β c2 Δ 2::Tn917::P _{trpE} - <i>sacB</i> '-' <i>lacZ sacXYΔ3 licTΔ sacTΔ4 sacBΔ23</i>	15
SL7375	<i>trpC2 metB10 lys-3 spoIIIΔ::spc</i>	31
SL7643*	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23</i>	This study
SL7721	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{trpE}-<i>sacB</i>'-'<i>lacZ</i>[†]</i>	pZS2→SL7643
SL7723	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{trpE}-<i>sacB</i>'-'<i>lacZ</i> (pZS9)[‡]</i>	pZS9→SL7721
SL7724	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{trpE}-<i>sacB</i>'-'<i>lacZ</i> (pZS10)</i>	pZS10→SL7721
SL7732	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23</i> (pZS9)	pZS9→SL7643
SL7733	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23</i> (pZS10)	pZS10→SL7643
SL8017	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{spoIIQ}-<i>sacB</i>'-'<i>lacZ</i> (pZS9)</i>	pZS41→SL7732
SL8026	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{cotE}-<i>sacB</i>'-'<i>lacZ</i> (pZS9)</i>	pZS57→SL7732
SL8030	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{spoIIQ}-<i>sacB</i>'-'<i>lacZ</i> (pZS10)</i>	pZS41→SL7733
SL8038	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{cotE}-<i>sacB</i>'-'<i>lacZ</i> (pZS10)</i>	pZS57→SL7733
SL8063	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{spoIIQ}-<i>sacB</i>'-'<i>lacZ</i></i>	pZS41→SL7643
SL8068	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{cotE}-<i>sacB</i>'-'<i>lacZ</i></i>	pZS57→SL7643
SL8213	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{katX}-<i>sacB</i>'-'<i>lacZ</i> (pZS9)</i>	pZS64→SL7732
SL8215	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{katX}-<i>sacB</i>'-'<i>lacZ</i> (pZS10)</i>	pZS64→SL7733
SL8234	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{katX}-<i>sacB</i>'-'<i>lacZ</i></i>	pZS64→SL7643
SL8726	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23</i> (pZS106)	pZS106→SL7643
SL8728	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23</i> (pZS107)	pZS107→SL7643
SL8730	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{sspA}-<i>sacB</i>'-'<i>lacZ</i> (pZS106)</i>	pZS94→SL8726
SL8731	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{katX}-<i>sacB</i>'-'<i>lacZ</i> (pZS106)</i>	pZS64→SL8726
SL8732	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{sspA}-<i>sacB</i>'-'<i>lacZ</i></i>	pZS94→SL7643

SL8733	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{sspE}-sacB'</i> - <i>lacZ</i> (pZS107)	pZS95→SL8728
SL8734	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{katX}-sacB'</i> - <i>lacZ</i> (pZS107)	pZS64→SL8728
SL8735	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{sspE}-sacB'</i> - <i>lacZ</i>	pZS95→SL7643
SL8826	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{spolIQ}-sacB'</i> - <i>lacZ</i> (pZS9)	
	<i>spoIII E::spc</i>	SL7375→SL8017
SL8827	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{cotE}-sacB'</i> - <i>lacZ</i> (pZS9)	
	<i>spoIII E::spc</i>	SL7375→SL8026
SL8828	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{spolIQ}-sacB'</i> - <i>lacZ</i> (pZS10)	
	<i>spoIII E::spc</i>	SL7375→SL8030
SL8829	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{cotE}-sacB'</i> - <i>lacZ</i> (pZS10)	
	<i>spoIII E::spc</i>	SL7375→SL8038
SL8830	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{spolIQ}-sacB'</i> - <i>lacZ</i>	
	<i>spoIII E::spc</i>	SL7375→SL8063
SL8831	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{cotE}-sacB'</i> - <i>lacZ</i>	
	<i>spoIII E::spc</i>	SL7375→SL8068
SL8832	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{spolIQ}-sacB'</i> - <i>lacZ</i> (pZS106)	pZS41→SL8726
SL8833	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{spolIQ}-sacB'</i> - <i>lacZ</i> (pZS107)	pZS41→SL8828
SL8965	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{trpE}-sacB'</i> - <i>lacZ</i> (pZS106)	pZS2→SL8726
SL8967	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{trpE}-sacB'</i> - <i>lacZ</i> (pZS107)	pZS2→SL8728
SL8974	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{sspA}-sacB'</i> - <i>lacZ</i> (pZS9)	pZS94→SL7732
SL8976	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{sspE}-sacB'</i> - <i>lacZ</i> (pZS9)	pZS95→SL7732
SL9101	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23</i> (pZS123)	pZS123→SL7643
SL9121	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{gerE}-sacB'</i> - <i>lacZ</i>	pZS120→SL7643
SL9129	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{trpE}-sacB'</i> - <i>lacZ</i> (pZS123)	pZS2→SL9101
SL9155	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{gerE}-sacB'</i> - <i>lacZ</i> (pZS123)	pZS120→SL9101
SL9157	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{cotE}-sacB'</i> - <i>lacZ</i> (pZS123)	pZS57→SL9101
SL9159	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{gerE}-sacB'</i> - <i>lacZ</i> (pZS10)	pZS120→SL7733

SL9418	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{comK}-sacB'</i> - 'lacZ	pZS127→SL7643
SL9420	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{srfA}-sacB'</i> - 'lacZ	pZS128→SL7643
SL9422	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{comG}-sacB'</i> - 'lacZ	pZS129→SL7643
SL9450	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{srfA}-sacB'</i> - 'lacZ(pZS136)	pZS136→SL9420
SL9452	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{srfA}-sacB'</i> - 'lacZ (pZS135)	pZS135→SL9420
SL9454	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{srfA}-sacB'</i> - 'lacZ (pZS137)	pZS137→SL9420
SL9456	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{comK}-sacB'</i> - 'lacZ (pZS136)	pZS136→SL9418
SL9458	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{comK}-sacB'</i> - 'lacZ (pZS135)	pZS135→SL9418
SL9460	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{comK}-sacB'</i> - 'lacZ (pZS137)	pZS137→SL9418
SL9462	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{comG}-sacB'</i> - 'lacZ (pZS136)	pZS136→SL9422
SL9464	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{comG}-sacB'</i> - 'lacZ (pZS135)	pZS135→SL9422
SL9466	<i>sacXYΔ3 licTΔ sacTΔ4 sacBΔ23 amyE::P_{comG}-sacB'</i> - 'lacZ (pZS137)	pZS137→SL9422

* SL7643 was a derivative of SA501 cured of the prophage SPβ::Tn917::P_{trpE}-sacB' - 'lacZ.

† The *sacB'* - 'lacZ translational fusions under the control of various promoters present in plasmids were integrated into *amyE* site by double crossover.

‡ *Supporting Information* gives a description of plasmid constructions.

§ Arrow points from donor DNA source towards recipient strain used in transformation cross.