

Table S2. Plasmids

Plasmid Designation	Description	Source/Reference
pSB890	R6K suicide plasmid	Constructed by K. Kaniga
pSB3504	Plasmid to express <i>hilA</i> in a rhamnose-inducible manner	Wagner et al., and Carleton et al.
pSB3910	pET15b:: <i>prgI</i> expression vector	Constructed by J. Kato
pSB4053	Suicide plasmid to insert 3×Flag tag at the C-terminus of <i>sptP</i>	Button and Galan
pSB4578	pWSK129:: <i>sipD3</i> × <i>F</i> complementation vector for SB3485	Rathinavelan et al.
pSB4579	pWSK129:: <i>sipD3</i> × <i>F</i> triple mutant (D320R, V323K, S327R) complementation vector for SB3485	Rathinavelan et al.
pSB4886	R6K suicide plasmid to delete <i>sipD</i> and generate SB3485	Constructed by M. Lara-Tejero
pSB5806	pET15b:: <i>prgI</i> (V65A) expression vector	This Study
pSB5809	pET15b:: <i>prgI</i> (T3A) expression vector	This Study
pSB5810	pET15b:: <i>prgI</i> (L9A) expression vector	This Study
pSB5811	pET15b:: <i>prgI</i> (F16A) expression vector	This Study
pSB5812	pET15b:: <i>prgI</i> (L31A) expression vector	This Study
pSB5813	pET15b:: <i>prgI</i> (L56A) expression vector	This Study
pSB5814	pET15b:: <i>prgI</i> (E53A) expression vector	This Study
pSB5815	pET15b:: <i>prgI</i> (D70K) expression vector	This Study
pSB5816	pET15b:: <i>prgI</i> (K66E) expression vector	This Study
pSB5817	pET15b:: <i>prgI</i> (K66A/R80A) expression vector	This Study
pSB5818	R6K suicide plasmid to insert a MBP tag at the N-terminus of <i>prgH</i> to generate SB3494	This Study
pSB5819	R6K suicide plasmid to delete <i>prgI prgJ</i>	This Study
pSB5721	pWSK29:: <i>prgI prgJ</i> (WT) used to complement SB3372	This Study
pSB5722	pWSK29:: <i>prgI prgJ</i> (S49A)	This Study
pSB5723	pWSK29:: <i>prgI prgJ</i> (N55A)	This Study
pSB5724	pWSK29:: <i>prgI prgJ</i> (R58A)	This Study
pSB5725	pWSK29:: <i>prgI prgJ</i> (D70A/D72A)	This Study
pSB5726	pWSK29:: <i>prgI prgJ</i> (Q77A)	This Study
pSB5727	pWSK29:: <i>prgI prgJ</i> (Q77R)	This Study
pSB5728	pWSK29:: <i>prgI prgJ</i> (Q77K)	This Study
pSB5729	pWSK29:: <i>prgI prgJ</i> (Q77E)	This Study
pSB5730	pWSK29:: <i>prgI prgJ</i> (Q77M)	This Study
pSB5731	pWSK29:: <i>prgI prgJ</i> (P41A)	This Study
pSB5732	pWSK29:: <i>prgI prgJ</i> (Q48A)	This Study
pSB5733	pWSK29:: <i>prgI prgJ</i> (D70A)	This Study
pSB5734	pWSK29:: <i>prgI prgJ</i> (R80K)	This Study
pSB5735	pWSK29:: <i>prgI prgJ</i> (R80E)	This Study
pSB5736	pWSK29:: <i>prgI prgJ</i> (R80M)	This Study
pSB5737	pWSK29:: <i>prgI prgJ</i> (K66A/R80A)	This Study
pSB5738	pWSK29:: <i>prgI prgJ</i> (K66A)	This Study
pSB5740	pWSK29:: <i>prgI prgJ</i> (W5A)	This Study
pSB5741	pWSK29:: <i>prgI prgJ</i> (Y8A)	This Study
pSB5742	pWSK29:: <i>prgI prgJ</i> (F16A)	This Study
pSB5743	pWSK29:: <i>prgI prgJ</i> (Y47A)	This Study
pSB5744	pWSK29:: <i>prgI prgJ</i> (Y54A)	This Study
pSB5745	pWSK29:: <i>prgI prgJ</i> (Y57A)	This Study
pSB5746	pWSK29:: <i>prgI prgJ</i> (D72A)	This Study

pSB5747	pWSK29:: <i>prgl prgJ</i> (F79A)	This Study
pSB5748	pWSK29:: <i>prgl prgJ</i> (E53A)	This Study
pSB5749	pWSK29:: <i>prgl prgJ</i> (F68A)	This Study
pSB5750	pWSK29:: <i>prgl prgJ</i> (I76A)	This Study
pSB5751	pWSK29:: <i>prgl prgJ</i> (N78A)	This Study
pSB5753	pWSK29:: <i>prgl prgJ</i> (L31A)	This Study
pSB5754	pWSK29:: <i>prgl prgJ</i> (D40A)	This Study
pSB5755	pWSK29:: <i>prgl prgJ</i> (L23A)	This Study
pSB5756	pWSK29:: <i>prgl prgJ</i> (D32A)	This Study
pSB5757		
pSB5758	pWSK29:: <i>prgl prgJ</i> (N59A)	This Study
pSB5759	pWSK29:: <i>prgl prgJ</i> (N63A)	This Study
pSB5760	pWSK29:: <i>prgl prgJ</i> (K69A)	This Study
pSB5761	pWSK29:: <i>prgl prgJ</i> (L9A)	This Study
pSB5762	pWSK29:: <i>prgl prgJ</i> (D10A)	This Study
pSB5763	pWSK29:: <i>prgl prgJ</i> (D11A)	This Study
pSB5764	pWSK29:: <i>prgl prgJ</i> (V12A)	This Study
pSB5765	pWSK29:: <i>prgl prgJ</i> (L34A)	This Study
pSB5766	pWSK29:: <i>prgl prgJ</i> (K50A)	This Study
pSB5767	pWSK29:: <i>prgl prgJ</i> (L51A)	This Study
pSB5768	pWSK29:: <i>prgl prgJ</i> (S52A)	This Study
pSB5769	pWSK29:: <i>prgl prgJ</i> (P4A)	This Study
pSB5770	pWSK29:: <i>prgl prgJ</i> (S6A)	This Study
pSB5771	pWSK29:: <i>prgl prgJ</i> (P38A)	This Study
pSB5772	pWSK29:: <i>prgl prgJ</i> (S39A)	This Study
pSB5773	pWSK29:: <i>prgl prgJ</i> (D17A)	This Study
pSB5774	pWSK29:: <i>prgl prgJ</i> (T18A)	This Study
pSB5775	pWSK29:: <i>prgl prgJ</i> (V20A)	This Study
pSB5776	pWSK29:: <i>prgl prgJ</i> (D21A)	This Study
pSB5777	pWSK29:: <i>prgl prgJ</i> (V27A)	This Study
pSB5778	pWSK29:: <i>prgl prgJ</i> (T28A)	This Study
pSB5779	pWSK29:: <i>prgl prgJ</i> (S62A)	This Study
pSB5780	pWSK29:: <i>prgl prgJ</i> (S13A)	This Study
pSB5781	pWSK29:: <i>prgl prgJ</i> (N22A)	This Study
pSB5782	pWSK29:: <i>prgl prgJ</i> (Q24A)	This Study
pSB5783	pWSK29:: <i>prgl prgJ</i> (T25A)	This Study
pSB5784	pWSK29:: <i>prgl prgJ</i> (Q26A)	This Study
pSB5785	pWSK29:: <i>prgl prgJ</i> (G7A)	This Study
pSB5786	pWSK29:: <i>prgl prgJ</i> (G19A)	This Study
pSB5787	pWSK29:: <i>prgl prgJ</i> (Q61A)	This Study
pSB5788	pWSK29:: <i>prgl prgJ</i> (T64A)	This Study
pSB5789	pWSK29:: <i>prgl prgJ</i> (V65A)	This Study
pSB5790	pWSK29:: <i>prgl prgJ</i> (V67A)	This Study
pSB5791	pWSK29:: <i>prgl prgJ</i> (I75A)	This Study
pSB5792	pWSK29:: <i>prgl prgJ</i> (D70K)	This Study
pSB5793	pWSK29:: <i>prgl prgJ</i> (R80Q)	This Study
pSB5794	pWSK29:: <i>prgl prgJ</i> (T3A)	This Study
pSB5795	pWSK29:: <i>prgl prgJ</i> (K15A)	This Study
pSB5796	pWSK29:: <i>prgl prgJ</i> (E29A)	This Study
pSB5797	pWSK29:: <i>prgl prgJ</i> (K33A)	This Study
pSB5798	pWSK29:: <i>prgl prgJ</i> (K37A)	This Study

pSB5799	pWSK29:: <i>prgI prgJ</i> (L43A)	This Study
pSB5800	pWSK29:: <i>prgI prgJ</i> (L44A)	This Study
pSB5801	pWSK29:: <i>prgI prgJ</i> (Q77R/R80Q)	This Study
pSB5802	pWSK29:: <i>prgI prgJ</i> (K66Q/Q77K)	This Study
pSB5803	pWSK29:: <i>prgI prgJ</i> (D70L)	This Study
pSB5804	pWSK29:: <i>prgI prgJ</i> (D70N)	This Study
pSB5805	pWSK29:: <i>prgI prgJ</i> (K66E)	This Study
pSB5820	pWSK29:: <i>prgI prgJ</i> (K66Q)	This Study
pSB5825	pWSK29:: <i>prgI prgJ</i> (L56A)	This Study
