

S3 TABLE: *Bacillus subtilis* strains used in this study

Strains	Genotype	Source
168	<i>Prototrophic wild-type</i>	(Zeigler et al., 2008)
bAT87	<i>amyE::PspolI/Q-cfp(Bs) (cat)</i>	This work
bBK3	<i>ssdC::erm</i>	This work
bBK15	<i>ywjl::PspolI/Q-cfp (cat)</i>	This work
bBK17	<i>ywjl::PspolI/Q-cfp (cat), amyE::PspolIID-yfp (spec)</i>	This work
bBK18	<i>ssdC::erm, ywjl::PspolI/Q-cfp (cat), amyE::PspolIID-yfp (spec)</i>	This work
bBK20	<i>ycgO::PssdC-opt_{RBS}-cfp-ssdC (spec), ssdC::erm</i>	This work
bBK21	<i>ycgO::PssdC-opt_{RBS}-SFgfp-ssdC (spec), ssdC::erm</i>	This work
bBK28	<i>spoVID::kan</i>	This work
bBK33	<i>safA::kan</i>	This work
bBK39	<i>yImD::kan, ssdC::erm</i>	This work
bBK41	<i>yqhH::kan, ssdC::erm</i>	This work
bBK42	<i>yqhG::kan, ssdC::erm</i>	This work
bBK43	<i>spoVID::kan, ssdC::erm</i>	This work
bBK44	<i>rpsT::kan, ssdC::erm</i>	This work
bBK45	<i>yteV::kan, ssdC::erm</i>	This work
bBK46	<i>skfA::kan, ssdC::erm</i>	This work
bBK47	<i>ctpB::kan, ssdC::erm</i>	This work
bBK48	<i>safA::kan, ssdC::erm</i>	This work
bBK49	<i>cotZ::kan, ssdC::erm</i>	This work
bBK50	<i>yqfT::kan, ssdC::erm</i>	This work
bBK51	<i>mcsA::kan, ssdC::erm</i>	This work
bBK52	<i>ycgO::PssdC-opt_{RBS}-cfp-ssdC (spec), ssdC::erm, spoIIAH::kan</i>	This work
bBK54	<i>ycgO::PssdC-opt_{RBS}-cfp-ssdC (spec), ssdC::erm, spoVID::kan</i>	This work
bBK56	<i>ycgO::PssdC-opt_{RBS}-cfp-ssdC (spec), ssdC::erm, safA::kan</i>	This work
bBK57	<i>ycgO::PssdC-opt_{RBS}-cfp-ssdC (spec), ssdC::erm, spoIID::kan</i>	This work
bBK60	<i>ssdC::erm, spoVID::kan, ywjl::PspolI/Q-cfp (cat), amyE::PspolIID-yfp (spec)</i>	This work
bBK62	<i>ssdC::erm, safA::kan, ywjl::PspolI/Q-cfp (cat), amyE::PspolIID-yfp (spec)</i>	This work
bBK64	<i>spoVID::kan, ywjl::PspolI/Q-cfp (cat), amyE::PspolIID-yfp (spec)</i>	This work
bBK66	<i>safA::kan, ywjl::PspolI/Q-cfp (cat), amyE::PspolIID-yfp (spec)</i>	This work
bCR1565	<i>ssdC::lox72</i>	This work
bHC25	<i>ycgO::PssdC-opt_{RBS}-cfp-ssdC(P174A) (spec), ssdC::erm</i>	This work
bHC27	<i>ycgO::PssdC-opt_{RBS}-cfp-ssdC(P238A) (spec), ssdC::erm</i>	This work
bHC29	<i>ycgO::PssdC-opt_{RBS}-cfp-ssdC(Y261A) (spec), ssdC::erm</i>	This work
bHC31	<i>ycgO::PssdC-opt_{RBS}-cfp-ssdC(F267A) (spec), ssdC::erm</i>	This work
bHC33	<i>ycgO::PssdC-opt_{RBS}-cfp-ssdC(E272A) (spec), ssdC::erm</i>	This work
bHC45	<i>ycgO::PssdC-ssdC-His6 (spec), ssdC::erm</i>	This work
bHC70	<i>spolIQ::cat, ycgO::PssdC-RBS-ssdC-His6 (spec), ssdC::erm</i>	This work
bHC78	<i>cotE::kan, ssdC::erm</i>	This work
bHC99	<i>ssdC::erm, ycgO::PssdC-optRBS-CFP(8aa)-ssdC (spec), spoVD::markerless, spoVE::kan</i>	This work
bHC144	<i>ycgO::PssdC-opt_{RBS}-cfp-ssdC (S118A) (spec), ssdC::erm</i>	This work
bJL3	<i>ywjl::PspolI/Q-cfp (cat), spoVE::kan, spoVD::spec</i>	This work
bJL10	<i>ssdC::erm, spoVIDΩspoVID-gfp (spec)</i>	This work
bJL12	<i>spoVIDΩspoVID-gfp (spec)</i>	This work
bJL13	<i>ycgO::PsafA-safA-mYPET (spec)</i>	This work
bJL33	<i>spoVM::erm, ycgO::PssdC-opt_{RBS}-cfp-ssdC (spec), ssdC::lox72</i>	This work
bJL34	<i>spolVA::cat, ycgO::PssdC-opt_{RBS}-cfp-ssdC (spec), ssdC::erm</i>	This work
bJL35	<i>ycgO::PsafA-safA-mYPET (spec), ssdC::erm</i>	This work
bJL39	<i>spoVM::erm, ywjl::PspolI/Q-cfp (cat)</i>	This work
bJL40	<i>spolVA::cat, ycgO::PssdC-optRBS-sGFP(15aa)-ssdC (spec)</i>	This work

bJL43	<i>lacA::PspoIIQ-cfp(erm), spoIVA::cat</i>	This work
bJL44	<i>spoVE::kan, spoVD::spec, ycgO::PsssdC-opt_{RBS}-cfp-ssdC (spec), ssdC::erm</i>	This work
bJL56	<i>amyE::PspoIIQ-cfp(Bs) (cat), ssdC::erm</i>	This work
bJL59	<i>spoIVA::cat</i>	This work
bJL66	<i>ycR::PsspB-rbsopt-cfp (phleo), ssdC::erm</i>	This work
bJL78	<i>amyE::PspoIIQ-malF(2TM)-gfpΩcat</i>	This work
bJL79	<i>amyE::PspoIIQ-malF(2TM)-gfpΩcat, ssdC::erm</i>	This work
bJL80	<i>amyE::PspoIIQ-malF(2TM)-gfpΩcat, ssdC::erm, spoVID::kan</i>	This work
bJL81	<i>amyE::PspoIIQ-malF(2TM)-gfpΩcat, ssdC::erm, safA::kan</i>	This work
bJL82	<i>ssdC::erm, ywjl::PspoIIQ-cfp (cat), spoVE::kan, spoVD::spec</i>	This work
bJL107	<i>yocH::kan, ssdC::erm</i>	This work
bJL108	<i>yodJ::kan, ssdC::erm</i>	This work
bJL109	<i>yceE::kan, ssdC::erm</i>	This work
bJL110	<i>yjgD::kan, ssdC::erm</i>	This work
bJL111	<i>dltD::kan, ssdC::erm</i>	This work
bJL112	<i>ypbE::kan, ssdC::erm</i>	This work
bJL114	<i>yqhQ::kan, ssdC::erm</i>	This work
bJL115	<i>yrL::kan, ssdC::erm</i>	This work
bJL117	<i>yxiS::kan, ssdC::erm</i>	This work
bJL118	<i>ymzB::kan, ssdC::erm</i>	This work
bJL119	<i>yrrl::kan, ssdC::erm</i>	This work
bJL120	<i>yacL::kan, ssdC::erm</i>	This work
bJL121	<i>dltB::kan, ssdC::erm</i>	This work
bJL129	<i>ycgO::PspoIVA-mYPET-spoIVA (cat)</i>	This work
bJL133	<i>spoVMΩspoVM-gfp (spec)</i>	This work
bJL135	<i>spoVMΩspoVM-gfp (spec), ssdC::erm</i>	This work
bJL136	<i>spoIVA::neo, ycgO::PspoIVA-mYPET-spoIVA (cat)</i>	This work
bJL140	<i>ssdC::erm, ycgO::PspoIVA-mYPET-spoIVA (cat)</i>	This work
bJL158	<i>spoVIDΩspoVID-gfp (spec), safA::kan</i>	This work
bJL159	<i>ycgO::PsafA-safA-mYPET (spec), spoVID::kan</i>	This work
bJL160	<i>ycgO::PsafA-safA-mYPET (spec), ssdC::erm, spoVID::kan</i>	This work
bJL162	<i>ssdC::erm, spoVIDΩspoVID-gfp (spec), safA::kan</i>	This work
bJL175	<i>ycgO::PsssdC-opt_{RBS}-cfp-ssdC (spec), ssdC::erm, spoIIQ::cat</i>	This work
bJL176	<i>ycgO::PsssdC-opt_{RBS}-cfp-ssdC (spec), ssdC::erm, spoIIIP::tet</i>	This work
bJL177	<i>ycgO::PsssdC-opt_{RBS}-cfp-ssdC (spec), ssdC::erm, spoIID::kan, spoIIP::tet</i>	This work
bJL178	<i>ycR::PsspB-rbsopt-cfp (phleo), spoIIIAH (spec), ssdC::erm</i>	This work
bJL179	<i>ycR::PsspB-rbsopt-cfp (phleo), spoIIIAH (spec), gerM::erm</i>	This work
bJL185	<i>spoIIQ::erm, ycgO::PspoIVA-mYPET-spoIVA (cat)</i>	This work
bJL187	<i>spoIIQ::erm, spoVMΩspoVM-gfp (spec)</i>	This work
bJL188	<i>spoVMΩspoVM-gfp (spec), spoIIIP::tet, spoIID::kan</i>	This work
bJL189	<i>ycgO::PspoIVA-mYPET-spoIVA (cat), spoIIIP::tet, spoIID::kan</i>	This work
bJL190	<i>safA::tet, ycgO::PsssdC-opt_{RBS}-cfp-ssdC (spec), ssdC::erm, spoVID::kan</i>	This work
bJL193	<i>amyE::PspoIIQ-malF(2TM)-gfpΩcat, spoVID::kan</i>	This work
bJL196	<i>safA::tet, spoVID::kan, ywjl::PspoIIQ-cfp (cat), amyE::PspoIID-yfp(JF)(spec)</i>	This work
bJL199	<i>amyE::PspoIIQ-malF(2TM)-gfpΩcat, safA::kan</i>	This work
bKH21	<i>ycR::PsspB-rbsopt-cfp (phleo)</i>	This work
bKH23	<i>ycR::PsspB-rbsopt-cfp (phleo), spoIIIAH (spec)</i>	This work