

S1 Table. Strains Used in this Study.

Strain	Genotype	Selection
DK1042	<i>B. subtilis</i> NCBI 3610 ComI ^{Q12L}	-
NF057	<i>scoC::erm</i>	MLS
NF062	<i>yvmC::kan</i>	Kan
NF064	<i>scoC::erm abrB::kan</i>	MLS Kan
NF077	<i>abrB::kan</i>	Kan
NF079	$\Delta pchR$ <i>abrB::kan</i>	Kan
NF081	$\Delta pchR$	-
NF088	$\Delta pchR$ <i>scoC::erm</i>	MLS
NF089	<i>scoC::erm yvmC::kan</i>	MLS Kan
NF092	$\Delta pchR$ <i>scoC::cam abrB::erm</i>	Cam Erm
NF093	<i>scoC::erm lacA::pscoC-scoC</i>	Cam Erm
NF102	WT <i>amyE::pYvmC-GFP</i>	Cam
NF103	<i>scoC::erm amyE::pYvmC-GFP</i>	Cam Erm
NF104	$\Delta pchR$ <i>amyE::pYvmC-GFP</i>	Cam
NF105	$\Delta pchR$ <i>scoC::erm amyE::pYvmC-GFP</i>	Cam Erm
NF117	<i>abrB::kan amyE::pYvmC-GFP</i>	Kan Cam
NF106	$\Delta pchR$ <i>abrB::kan amyE::pYvmC-GFP</i>	Kan Cam
NF107	$\Delta pchR \Delta scoC$ <i>abrB::erm amyE::pYvmC-GFP</i>	Erm Cam

S2 Table. DNA fragments and Plasmids Used in this Study.

Name	Description	Resistance
fNLF001	<i>abrB::erm</i> with flanking homologous regions	Erm
fNLF003	<i>pchR::erm</i> with flanking homologous regions	Erm
fNLF005	<i>yvmC::kan</i> with flanking homologous regions	Kan
fNLF011	<i>yvmC::erm</i> with flanking homologous regions	Erm
fNLF015	<i>scoC::camR-pscoC-FLAG-ScoC</i> with flanking homologous regions	Cam
fNLF016	<i>scoC::camR</i> with flanking homologous regions	Cam
pNF035	<i>pYvmC</i> in pDR110	Spec
pNF038	<i>lacA::pscoC-ScoC</i>	Cam
pNF039	<i>PchR</i> in pE-SUMO	Kan
pNF040	<i>AbrB</i> in pE-SUMO	Kan
pTMN007#	<i>ScoC</i> in pE-SUMO	Kan
pNF047	<i>pYvmC</i> in pGFP-Star	Cam

- see [25].

S3 Table. Oligonucleotides Used in this Study.

Name	Primer Description/Use	Sequence (5'-3')	Amplicon Description
oNLF336	abrB_KO_US_For	atagtatttcagaagacgatccgc	AbrB::AbR disruption
oNLF337	abrB_KO_US_Rev	ctctccttctcgctgccattctctccaagagata	
oNLF338	abrB_KO_DS_For	gcagtgacaggagcctcgtaatcatttctgtacaaaa	
oNLF339	abrB_KO_DS_Rev	aatgtaaggacaatagctggtatgc	
oNLF340	pchR_KO_US_For	tactgatcttctacccagcttc	PchR::AbR disruption
oNLF341	pchR_KO_US_Rev	ctctccttctcgctgccataggctaccttcttctt	
oNLF342	pchR_KO_DS_For	gcagtgacaggagcctcgtaaacaanaaggcggtgtac	
oNLF343	pchR_KO_DS_Rev	cattgtgagcaagtaggcagatac	
oNLF344	yvmC_KO_US_For	tcggtttgttctgctcaagt	YvmC::AbR disruption
oNLF345	yvmC_KO_US_Rev	ctctccttctcgctgccatctcattcacccctaaaa	
oNLF346	yvmC_KO_DS_For	gcagtgacaggagcctcgtagatagggggagtaaacat	
oNLF347	yvmC_KO_DS_Rev	gtcaggctgttcaaatgcttc	
oNLF356	AbR_KO_For	gcaggcgagaaaggagag	AbR Amplification
oNLF357	AbR_KO_Rev	cgaggctcctgtcactgc	
oNLF432	pNF035_For_FAM	gctgcaggaattcgactctc	5' FAM and 5' IRD700 probe (WT and Δ59) for DNase I footprinting and EMSA
oNLF433	pNF035_For_IRD700	gctgcaggaattcgactctc	
oNLF387	yvmC_promoter_reverse_pNF035	catgtttgtcctccttattagttaatcagctagctccggatcatctcattcacc	
oLVG025A	Amplifies pDR110 backbone, with oNLF467	ctcttgccagtcacgttacg	
oNLF467	yvmC_Δ59_us_rev	taataatcatttccacaaacgcaatatgatctgtg	
oNLF468	yvmC_Δ59_ds_for	catattgacgtttggtgaaaatgattataaaatcttaaaaaacatttg	
oNLF407	scoC_us_fwd	ctatcgctcagctttattgatc	scoC::cam disruption
oNLF408	scoC_us_rev	cgctctccttctcgctgccattacgtcacctgcttc	
oNLF409	camR_fwd	gcaggcgagaaaggagagcgtcaggtggcacttttcg	
oNLF410	camR_rev	cgaggctcctgtcactgcgacattagaaaaccgactgtaaaaag	

S3 Table Cont. Oligonucleotides Used in this Study.

oNLF411	scoC_ds_fwd	tcgcagtgacaggagcctcgaagagctcgaacctgtaaac	
oNLF412	scoC_ds_rev	aacaagaatatccaagccg	
oNLF471	lacA_US_For_pBR332	gtaatgataccgatgaaacgagagggcgggacagatacctcg	Native ScoC complementation at <i>lacA</i>
oNLF472	lacA_US_Rev_pBR332	gtgccacctgactcacattctcctcctgttc	
oNLF473	CamR_for_lacA	aggagaatgtgagtcaggtggcacttttcg	
oNLF474	pscoC-ScoC_rev_lacA	cggagcatcagcttaactgtttacaggttcg	
oNLF475	lacA_ds_for_pBR332	gtaaacagttaagctgatgctccgctcgatatg	
oNLF476	lacA_ds_rev_pBR332	acctacatctgtattaacgaagcggcctccattacatctcttactgc	
oNLF495	abrB_pET-SUMO_for	attgaggctcaccggaacagattggaggtatgaaatctactggtattgtac	AbrB Purification Vector
oNLF496	abrB_pET-SUMO_rev	gatctcagtggtggtggtggtggtgctcgattattaaggtttgaagctg	
oNLF497	pchR_pET-SUMO_for	attgaggctcaccggaacagattggaggtatgtctgatttgacaaaacag	PchR Purification Vector
oNLF498	pchR_pET-SUMO_rev	gatctcagtggtggtggtggtggtgctcgattactttacaggtttgtctg	
oNLF524	yvmC_upstream_for	ttacagtcattttaccgcggttcccatgtgatgtttacattttttcaaattttg	pyvmC-GFP integration vector
oNLF525	yvmC_upstream_rev	cgttaccattccggtcttatcccgtttaagtc	
oNLF526	yvmC_downstream_for	ttaaagcgggataagaccggaatggaacggaaag	
oNLF527	yvmC_downstream_rev	ctattgaatccatagtagttcctcctccctaaattgagctttcgccc	