Table S1. Bacterial strains, primers and plasmids used in this study

Strain or plasmid	Genotype or phenotype	Reference
E. coli strains		
S17-1	294 (*recA thi pro hsdR⁻M⁺*) Tp^r Sm^r [RP4-2-Tc::Mu-Km:Tn7]	(Simon et al., 1983)
DH5α	F⁻ Φ80*lac*ZΔM15 Δ(*lac*ZYA-*arg*F) U169 *rec*A1 *end*A1 *hsd*R17 (rK–, mK+) *pho*A *sup*E44 λ⁻ *thi*-1 *gyr*A96 *rel*A1	(Hanahan, 1983)
A. vinosum strains		
Rif50	Rif^r, spontaneous rifampicin-resistant mutant of DSM 180^T	(Lübbe et al., 2006)
Δ*sgpD*::ΩKm	Rif^r, Km^r, *sgpD*::ΩKm (in *A. vinosum* Rif50)	This work
Plasmids		
pBBR1MCS-2	Km^r, Mob$^+$, *rep*, *lacZ*α	(Kovach et al., 1995)
pBBR1MCS-5	Gm^r, Mob$^+$, *rep*, *lacZ*α	(Kovach et al., 1995)
pBBR1MCS2-L	Km^r, XbaI–HindIII fragment of PCR-amplified *dsr* promoter and *dsrL* in XbaI–HindIII of pBBR1MCS-2	(Lübbe et al., 2006)
pBBR1-L-Gm	Gm^r, RsrII fragment of PCR-amplified gentamycin resistance cassette in RsrII of pBBR1MCS2-L	This work
pmCherry	Amp^r, mCherry	(Shaner et al., 2004)
pBBR_dsr_mCherry_Gm	Gm^r, NdeI-SalI fragment of PCR-amplified gene for mCherry in NdeI-SalI of pBBR1-L-Gm, *dsr* promoter	This work
pBBR_dsr_Sec$_{2515}$_mCherry_Gm	Gm^r, NdeI-SalI fragment of PCR-amplified gene for mCherry in NdeI-SalI of pBBR1-L-Gm, *dsr* promoter, PCR forward primer encoding *sgpD* signal sequence	This work
pBBR_dsr_sgpD_mCherry	Gm^r, NdeI fragment of PCR amplified *sgpD* (including signal peptide encoding sequence) in NdeI of pBBR_dsr_mCherry_Gm	This work
pHP45ΩKm	Ap^r, Km^r, pHP45Ω with kanamycin cassette	(Fellay et al., 1987)
pSUP301	Ap^r, Km^r, RP4 oriT p15A ori Mob$^+$	(Simon et al., 1983)
pSUP301_Δ*sgpD*	Ap^r, Mob$^+$, HindIII fragment of PCR-amplified genome region around *sgpD* (Alvin_2515) with deletion of 603 bp of the *sgpD* sequence in HindIII of pSUP301	This work
pSUP301_Δ*sgpD*_ΩKm	Ap^r, Km^r, Mob$^+$, ΩKm cassette from pHP45ΩKm inserted into pSUP301_Δ*sgpD* using EcoRI	This work
Primers		This work
Del-Alvin2515-fw1	ATGATA**AAGCTT**CAACCTCGATTCGCCACCAC	This work
Del-Alvin2515-rev1	TGCGGCTTTTTA**GAATTC**CATGTGACACACCTTGAAAAGACAG (EcoRI)	This work
Del-Alvin2515-fw2	GTGTGTCACATG**GAATTC**TAAAAAGCCGCATGCGGGGTC (EcoRI)	This work
Del-Alvin2515-rev2	ATGATA**AAGCTT**CATCAGCCGGTCGTCGT	This work
Gent-CpoI-Fw	ATGATA**CGGTCCG**CTGTCGTGCCAGCTGCATTA (RsrII)	This work
Gent-CpoI-Rev	ATGATA**CGGACCG**ATCTCGGCTTGAACGAA (RsrII)	This work
for-mCherry-NdeI	ATAGCT**CATATG**GTGAGCAAGGGCGAGGA (NdeI)	This work
rev-mCherry-SalI	ATAGCT**GTCGAC**CCGCTACTTGTACAGCTCGTC (SalI)	This work
fAlvin2515-NdeI	ATAGCT**CATATG**TCCAAGCTGATCCAAACC (NdeI)	This work
rAlvin2515-NdeI	ATAGCT**CATATG**GCGCGTTTGGGAGGAAGG (NdeI)	This work
fo-mCher-SacIIV4	ATAGCT**CCGCGG**CGAACTGATTCGGGTCGAGCC (SacII)	This work
re-mCher-NdeIV4	ATAGCT**CATATG**GCGCGTTTGGGAGGAAGGC(NdeI)	This work
for-mCher-Sig	ATAGCT**CATATG**TCCAAGCTGATCCAAACCGTCTCCGCCATCGCGCTCGCT GCCGCCACGACCACGGCCTTCGCCTGGATGGTGAGCAAGGGCGAGGA (NdeI)	This work
re-Prom2515-NdeI	ATAGTC**CATATG**GTGACACACCTTGAAAAGACAG (NdeI)	This work

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