

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

Name	Description	Source / Reference
<i>Strains</i>		
<i>Serratia marcescens</i>		
Db10	Wild type	[1]
SJC3	Db10 $\Delta tssH$ ($\Delta SMDB11_2274$)	[2]
SJC11	Db10 $\Delta tssE$ ($\Delta SMDB11_2271$)	[2]
FRA02	Db10 $\Delta vgrG1$ ($\Delta SMDB11_2244$)	This study
FRA01	Db10 $\Delta vgrG2$ ($\Delta SMDB11_2276$)	This study
FRA03	Db10 $\Delta vgrG1\Delta vgrG2$	This study
FRC32	Db10 $\Delta paar1$ ($\Delta SMDB11_2250$)	This study
MJF15	Db10 $\Delta rhs1$ ($\Delta SMDB11_2278$)	[3]
JAD13	Db10 $\Delta rhs2$ ($\Delta SMDB11_1610$)	[3]
JAD14	Db10 $\Delta rhs1\Delta rhs2$	[3]
FRC25	Db10 $\Delta paar\Delta rhs1\Delta rhs2$	This study
FRC27	Db10 $\Delta vgrG1\Delta paar1$	This study
FRC26	Db10 $\Delta vgrG2\Delta paar1$	This study
FRC28	Db10 $\Delta vgrG1\Delta rhs1$	This study
FRC29	Db10 $\Delta vgrG1\Delta rhs2$	This study
FRC30	Db10 $\Delta vgrG1\Delta rhs1\Delta rhs2$	This study
FRC31	Db10 $\Delta vgrG2\Delta rhs1\Delta rhs2$	This study
JAD12	Db10 $\Delta eagR1$ ($\Delta SMDB11_2277$)	[3]
JAD34	Db10 $\Delta eagR2$ ($\Delta SMDB11_1609$)	This study
FRC06	Db10 $\Delta hcp1$ ($\Delta SMDB11_2263$)	This study
FRC07	Db10 $\Delta hcp2$ ($\Delta SMDB11_3455$)	This study
FRC08	Db10 $\Delta hcp3$ ($\Delta SMDB11_3456$)	This study
FRC21	Db10 VgrG1-His (encodes VgrG1 [SMDB11_2244] with a C-terminal His ₆ tag at the native chromosomal location)	This study
FRC17	Db10 VgrG2-His (encodes VgrG2 [SMDB11_2276] with a C-terminal His ₆ tag at the native chromosomal location)	This study
FRC37	Db10 VgrG1-His, $\Delta vgrG2$ (encodes VgrG1 with a C-terminal His ₆ tag in a $\Delta vgrG2$ background)	This study
FRC38	Db10 VgrG2-His, $\Delta vgrG1$ (encodes VgrG2 with a C-terminal His ₆ tag in a $\Delta vgrG1$ background)	This study
FRC55	Db10 VgrG2-His, $\Delta tssE$ (encodes VgrG2 with a C-terminal His ₆ tag in a $\Delta tssE$ background)	This study
FRC56	Db10 VgrG2-His, $\Delta rhs1$ (encodes VgrG2 with a C-terminal His ₆ tag in a $\Delta rhs1$ background)	This study
FRC57	Db10 VgrG2-His, $\Delta rhs2$ (encodes VgrG2 with a C-terminal His ₆ tag in a $\Delta rhs2$ background)	This study
FRC58	Db10 VgrG2-His, $\Delta rhs1\Delta rhs2$ (encodes VgrG2 with a C-terminal His ₆ tag in a $\Delta rhs1\Delta rhs2$ background)	This study
JAD35	Db10 VgrG2-His, $\Delta rhs1\Delta eagR2$ (encodes VgrG2 with a C-terminal His ₆ tag in a $\Delta rhs1\Delta eagR2$ background)	This study
FRC41	Db10 Ssp4-HA (encodes Ssp4 [SMDB11_3980] with a C-terminal HA tag at the native chromosomal location)	This study

FRC53	Db10 Ssp4-HA, $\Delta tssE$ (encodes Ssp4 with a C-terminal HA tag in a $\Delta tssE$ background)	This study
FRC54	Db10 Ssp4-HA, $\Delta tssE\Delta hcp1$ (encodes Ssp4 with a C-terminal HA tag in a $\Delta tssE$, $\Delta hcp1$ [$\Delta SMDB11_2263$] background)	This study
JAD18	Db10 FLAG-Rhs1 (encodes Rhs1 with an N-terminal 3xFLAG tag at the native chromosomal location)	This study
FRC34	Db10 Δslp ($\Delta SMDB11_0927$)	This study
FRC39	Db10 $\Delta 0927-0929$ ($\Delta SMDB11_0927-SMDB11_0929$)	This study
FRC40	Sm-resistant derivative of FRC39 ($\Delta 0927-0929$)	This study
JAD09	Db10 $\Delta rhs1\Delta tssH$, Sm-resistant (Rhs1-susceptible target strain)	[3]
JAD17	Db10 $\Delta rhs2\Delta rhsI2$, Sm-resistant (Rhs2-susceptible target strain)	[3]
KT63	Db10 $\Delta ssp2\Delta rap2a$, Sm-resistant (Ssp2-susceptible target strain)	[4]
JAD06	Db10 $\Delta ssp4\Delta sip4$, Sm-resistant (Ssp4-susceptible target strain)	[5]
SJC17	Sm-resistant derivative of <i>S. marcescens</i> ATCC 274	[2]
<i>Pseudomonas fluorescens</i>		
KT02	Sm-resistant derivative of <i>P. fluorescens</i> 55	[2]
<i>Escherichia coli</i>		
MC4100	Model K-12 strain; Sm-resistant (<i>rpsL150</i>)	[6]
CC118 λpir	Cloning host and donor strain for pKNG101-derived allelic exchange plasmids (λpir)	[7]
HH26	Mobilizing strain for conjugal transfer	[8]
pNJ5000	MG1655 $\Delta cyaA::apr$	F. Sargent
Plasmids		
pKNG101	Suicide vector for allelic exchange (Sm ^R <i>sacBR mobRK2 oriR6K</i>)	[9]
pSUPROM	Vector for constitutive expression of cloned genes under the control of the <i>E. coli tat</i> promoter (Kn ^R)	[10]
pBAD18-Kn	Vector for arabinose-inducible expression of cloned genes under the control of the P _{ara} promoter.	[11]
pUT18	Bacterial Two Hybrid plasmid (for fusion of protein of interest with C-terminal T18 fragment of CyaA; Ap ^R)	[12]
pT25	Bacterial Two Hybrid plasmid (for fusion of protein of interest with N-terminal T25 fragment of CyaA; Cm ^R)	[13]
pSC601	pKNG101-derived allelic exchange plasmid for the generation of chromosomal in-frame $\Delta SMDB11_2276$ ($\Delta vgrG2$) deletion	This study
pSC602	pKNG101-derived allelic exchange plasmid for the generation of chromosomal in-frame $\Delta SMDB11_2244$ ($\Delta vgrG1$) deletion	This study
pSC733	pKNG101-derived allelic exchange plasmid for the generation of chromosomal in-frame $\Delta SMDB11_2250$ ($\Delta paar1$) deletion	This study
pSC1050	pKNG101-derived allelic exchange plasmid for the generation of chromosomal in-frame $\Delta SMDB11_1609$ ($\Delta eagR2$) deletion	This study
pSC706	pKNG101-derived allelic exchange plasmid for the generation of chromosomal in-frame $\Delta SMDB11_2263$ ($\Delta hcp1$) deletion	This study
pSC707	pKNG101-derived allelic exchange plasmid for the generation of chromosomal in-frame $\Delta SMDB11_3455$ ($\Delta hcp2$) deletion	This study
pSC708	pKNG101-derived allelic exchange plasmid for the generation of chromosomal in-frame $\Delta SMDB11_3456$ ($\Delta hcp3$) deletion	This study
pSC737	pKNG101-derived allelic exchange plasmid for the generation of chromosomal in-frame $\Delta SMDB11_0927$ (Δslp) deletion	This study

pSC739	pKNG101-derived allelic exchange plasmid for the generation of chromosomal in-frame Δ <i>SMDB11_0927-0929</i> deletion	This study
pSC727	pKNG101-derived allelic exchange plasmid for the incorporation of a <i>vgrG1-His</i> (<i>SMDB11_2244-His₆</i>) allele at the normal chromosomal location	This study
pSC728	pKNG101-derived allelic exchange plasmid for the incorporation of a <i>vgrG2-His</i> (<i>SMDB11_2276-His₆</i>) allele at the normal chromosomal location	This study
pSC754	pKNG101-derived allelic exchange plasmid for the incorporation of an <i>ssp4-HA</i> (<i>SMDB11_3980-HA</i>) allele at the normal chromosomal location	This study
pSC671	pKNG101-derived allelic exchange plasmid for the incorporation of a <i>FLAG-rhs1</i> (<i>3xFLAG-SMDB11_2278</i>) allele at the normal chromosomal location	This study
pSC622	Coding sequence for VgrG1 (<i>SMDB11_2244</i>) in pSUPROM	This study
pSC623	Coding sequence for VgrG2 (<i>SMDB11_2276</i>) in pSUPROM	This study
pSC715	Coding sequence for Hcp1 (<i>SMDB11_2263</i>) in pSUPROM	This study
pSC734	Coding sequence for Paar1 (<i>SMDB11_2250</i>) in pSUPROM	This study
pSC772	Coding sequence for Slp (<i>SMDB11_0927</i>) in pSUPROM	This study
pSC788	Coding sequence for Rhs2 + RhsI2 (<i>SMDB11_1610 + 1611</i>) in pSUPROM	This study
pSC643	Coding sequence for Rhs1 (<i>SMDB11_2278</i>) in pBAD18-Kn	[3]
pSC791	Coding sequence for Rhs1 + RhsI1 (<i>SMDB11_2278 +2278A</i>) in pBAD18-Kn	This study
pSC697	Coding sequence for FLAG-Rhs1 (<i>SMDB11_2278</i>) in pBAD18-Kn	This study
pSC699	Coding sequence for Rhs1 ^{NT} (<i>SMDB11_2278</i> ; amino acids 1-422) in pUT18	This study
pSC700	Coding sequence for Rhs2 ^{NT} (<i>SMDB11_1610</i> ; amino acids 1-363) in pUT18	This study
pSC688	Coding sequence for EagR1 (<i>SMDB11_2277</i>) in pT25	This study
pSC689	Coding sequence for EagR2 (<i>SMDB11_1609</i>) in pT25	This study
pSC048	Coding sequence for TssK (<i>SMDB11_2253</i>) in pUT18	This study
pSC053	Coding sequence for TssK (<i>SMDB11_2253</i>) in pT25	This study
pSC690	Coding sequence for Rhs1 ^{NT} (<i>SMDB11_2278</i> ; amino acids 1-422) in pT25	This study
pSC686	Coding sequence for EagR1 (<i>SMDB11_2277</i>) in pUT18	This study
pSC1056	Coding sequence for EagR2 (<i>SMDB11_1609</i>) in pUT18	This study

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