

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

Strain or plasmid	Relevant characteristics	Reference
<b>Strains</b>		
<i>Escherichia coli</i>		
DH5a	F <sup>-</sup> <i>recA</i> (r <sub>K</sub> <sup>-</sup> , m <sub>K</sub> <sup>+</sup> ) <i>hsdR17</i> (rΔ <i>(lacZYA-argF)</i> Φ80 <i>dlacZ</i> ΔM15	New England Biolabs
BL21 Star (DE3) pLysS	F <sup>-</sup> <i>ompT</i> <i>hsdSB</i> (r <sub>B</sub> <sup>-</sup> m <sub>B</sub> <sup>-</sup> ) <i>gal</i> <i>dem</i> <i>me131</i> (DE3) pLysS (Cam <sup>r</sup> )	Life Invitrogen
<i>X. citri</i> subsp. <i>citri</i> (XCC)		
306 (A)	Wild type, amp <sup>r</sup> , rif <sup>r</sup>	Da Silva <i>et al.</i> , 2002.
Δ <i>rsmA</i>	In frame deletion of <i>rsmA</i> also named <i>csrA</i>	This study
Δ <i>hrpG</i>	<i>hrpG</i> mutant	Guo <i>et al.</i> , 2011.
pBRA-XCC	Empty pBRA plasmid (Broad Range Arabinose inducible promoter) in the Δ <i>rsmA</i> background	This study
pBRARsmA	pBRA expressing 6His <i>rsmA</i> under control of arabinose inducible promoter in the Δ <i>rsmA</i> background	This study
Wt- <i>hrpG</i> -6His	Wild-type strain carrying the construct <i>hrpG</i> -6His inserted in its chromosome by using an integrative plasmid pPM7g	This study
Δ <i>rsmA</i> - <i>hrpG</i> -6His	Δ <i>rsmA</i> strain carrying the construct <i>hrpG</i> -6His inserted in its chromosome by using an integrative plasmid pPM7g	This study
Wt- <i>hrcQ</i> -Flag	Wild-type strain carrying the construct <i>hrcQ</i> -Flag inserted in its chromosome by using an integrative plasmid pPM7g	This study
Δ <i>rsmA</i> - <i>hrcQ</i> -Flag	Δ <i>rsmA</i> strain carrying the construct <i>hrcQ</i> -Flag inserted in its chromosome by using an integrative plasmid pPM7g	This study
<b>Plasmids</b>		
pGEM-T easy	PCR cloning vector, Ap <sup>r</sup>	Promega
pGEMT-5UTRhrpG	5' untranslated region of <i>hrpG</i> cloned in pGEM-Teasy	This study
pGEMT-5UTRhrpD	5' untranslated region of <i>hrpD</i> operon cloned in pGEM-Teasy	This study
pGEMT-5UTRhrpE	5' untranslated region of <i>hrpE</i> operon cloned in pGEM-Teasy	This study
pNTPS138	Suicide vector for generation of gene knockouts, <i>sacB</i> and Km <sup>r</sup>	M. R. Alley, unpublished
pNPTS-rsmA	pNTPS138 derivative for generation of <i>rsmA</i> knockout, <i>sacB</i> and Km <sup>r</sup>	This study
pET28a(+)	<i>E. coli</i> expression vector, Km <sup>r</sup>	Novagen
pET-6HisrsmA	<i>rsmA</i> cloned into pET28a <sub>Ndel/HindIII</sub>	This study
pBRA	Vector for gene overexpression containing arabinose-inducible promoter P(BAD), Spc <sup>r</sup> and Str <sup>r</sup>	M. Marroquin, unpublished
pBRA6HisrsmA	pBRA derivative encoding 6HisRsmA	This study
pUFR047	Broad host range vector, Gm <sup>r</sup>	De Feyter <i>et al.</i> , 1993
pUFRrsmA	pUFR047 derivative encoding RsmA	This study
pUFRrsmA-flag	pUFR047 derivative encoding RsmA-Flag	This study
pUFRhrpG	pUFR047 derivative encoding HrpG	This study
pB1 121	Binary vector containing <i>gusA</i> , Km <sup>r</sup>	Clontech
pLAFR3	Broad host range cloning vector, Tc <sup>r</sup>	Huynh <i>et al.</i> , 1989
pLAFRhrpG::gus	pLAFR3 expressing a HrpG- <i>gusA</i> fusion under control of <i>hrpG</i> native promoter	This study
pLAFRhrpX::gus	pLAFR3 expressing a HrpX- <i>gusA</i> fusion under control of <i>hrpX</i> native promoter	This study
pLAFRhrpA::gus	pLAFR3 expressing a HrcC- <i>gusA</i> fusion under control of <i>hrpA</i> native promoter	This study
pLAFRhrpB::gus	pLAFR3 expressing a HrpB1- <i>gusA</i> fusion under control of <i>hrpB</i> operon native promoter	This study
pLAFRhrpC::gus	pLAFR3 expressing a HrcU- <i>gusA</i> fusion under control of <i>hrpC</i> operon native promoter	This study
pLAFRhrpD::gus	pLAFR3 expressing a HrcQ- <i>gusA</i> fusion under control of <i>hrpD</i> operon native promoter	This study
pLAFRhrpE::gus	pLAFR3 expressing a HrpD5- <i>gusA</i> fusion under control of <i>hrpE</i> operon native promoter	This study
pBBR1-MCS-5	Broad host range vector, Gm <sup>r</sup>	Kovach <i>et al.</i> , 1995
pBBELac-hrpG6his	pBBR derivative encoding HrpG-6His under control of LAC promoter	This study
pBBRLac-hrpGD41N6his	pBBR derivative encoding HrpGD41N6His under control of LAC promoter	This study
pBBRLac-hrpGE44K6his	pBBR derivative encoding HrpGE44K6His under control of LAC promoter	This study
pBBRLac-hrpGD60N6his	pBBR derivative encoding HrpGD60N6His under control of LAC promoter	This study
pPM7g	Integrative plasmid containing a fragment <i>amy106-912</i> , Km <sup>r</sup>	Martins <i>et al.</i> , 2010
pPM7-hrpG6-His	pPM7g derivative encoding HrpG-6His under control of its native promoter	This study
pPM7-hrcQ-Flag	pPM7g derivative encoding HrcQ-Flag under control of <i>hrpD</i> operon native promoter	This study
pUC18-mini-Tn7T-LAC	Suicide delivery vector and mini-Tn7 elements, Ap <sup>r</sup> and Gm <sup>r</sup>	Choi <i>et al.</i> , 2005
pTNS2	Helper vector	Choi <i>et al.</i> , 2005
Tn7T-LAC-hrpG-GUS	pUC18-mini-Tn7T-LAC expressing a <i>hrpG</i> 5' UTR- <i>gusA</i> fusion under control of LAC promoter	This study
Tn7T-LAC-hrpB-GUS	pUC18-mini-Tn7T-LAC expressing a <i>hrpB</i> 5' UTR- <i>gusA</i> fusion under control of	This study

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Tn7T-LAC-hrpC-GUS	LAC promoter pUC18-mini-Tn7T-LAC expressing a <i>hrpC</i> 5' UTR- <i>gusA</i> fusion under control of LAC promoter	This study
Tn7T-LAC-hrpD-GUS	pUC18-mini-Tn7T-LAC expressing a <i>hrpD</i> 5' UTR- <i>gusA</i> fusion under control of LAC promoter	This study
Tn7T-LAC-hrpE-GUS	pUC18-mini-Tn7T-LAC expressing a <i>hrpE</i> 5' UTR- <i>gusA</i> fusion under control of LAC promoter	This study

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Ap<sup>r</sup>, ampicillin-resistant; Gm<sup>r</sup>, gentamycin-resistant; Km<sup>r</sup>, kanamycin-resistant; Spc<sup>r</sup>, spectinomycin-resistance; Str<sup>r</sup>, streptomycin-resistance; Tc<sup>r</sup>, tetracycline-resistance.