

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

Strains and plasmids	Genotype and relevant characteristics [#]	Reference or source
Strains		
<i>P. syringae</i>		
DC3000	Wild-type DC3000. Rif ^r	Lab collection
$\Delta aauS$	Strain DC3000 containing a 1580bp in-frame deletion of <i>aauS</i> in the chromosome	This study
$\Delta aauR$	Strain DC3000 containing a 1070bp in-frame deletion of <i>aauR</i> in the chromosome	This study
$\Delta aauS \Delta aauR$	Strain DC3000 containing a 3219bp deletion of <i>aauS</i> and <i>aauR</i> in the chromosome	This study
$\Delta aatJ$	Strain DC3000 containing a 793bp in-frame deletion of <i>aatJ</i> in the chromosome	This study
$\Delta aatP$	Strain DC3000 containing a 690bp in-frame deletion of <i>aatP</i> in the chromosome	This study
$\Delta aatQM$	Strain DC3000 containing a 1300bp deletion of <i>aatQ</i> and <i>aatM</i> in the chromosome	This study
ΔRbm	Strain DC3000 containing a deletion of the AauR-binding site Rbm within the HrpR promoter region	This study
B728a	Wild-type. Rif ^r	Lab collection
B728a_ $\Delta aauR$	Strain B728a containing a 1297bp in-frame deletion of <i>aauR</i> in the chromosome	This study
<i>E. coli</i>	<i>recA pro hsdR</i> ^{M+} RP4 2-Tc::Mu-Km::Tn7 Sm ^r Tp ^r	
Plasmids		
pEX18Km	Gene replacement vector with MCS from pUC18, <i>sacB</i> ⁺ Km ^r	(Hoang <i>et al.</i> 1998)
pRK600	Helper plasmid used in tri-parental matting. Cm ^r	
p18Km- $\Delta aauS$	pEX18Km with a deletion of <i>aauS</i> (PSPTO_4175)	This study
p18Km- $\Delta aauR$	pEX18Km with a deletion of <i>aauR</i> (PSPTO_4176)	This study
p18Km- $\Delta aauS \Delta aauR$	pEX18Km with a deletion of both <i>aauS</i> (PSPTO_4175) and <i>aauR</i> (PSPTO_4176)	This study
p18Km- $\Delta aatJ$	pEX18Km with a deletion of <i>aatJ</i> (PSPTO_4171)	This study
p18Km- $\Delta aatP$	pEX18Km with a deletion of <i>aatP</i> (PSPTO_4174)	This study
p18Km- $\Delta aatQM$	pEX18Km with a deletion of both <i>aatQ</i> (PSPTO_4172) and <i>aatM</i> (PSPTO_4173)	This study

p18Km-ΔRbm	pEX18Km with a deletion of AauR-binding site Rbm in the promoter region of <i>hrpR</i>	This study
p18Km-ΔaauR_B728a	pEX18Km with a deletion of <i>aauR</i> (P _{syr_3913})	This study
pPROBE-NT	pBBR1, containing promoterless <i>gfp</i> , Km ^r	(Miller <i>et al.</i> 2000)
phrpRS _{promoter} -gfp	pPROBE-NT reporter construct containing the intergenic region between <i>hrpR</i> and <i>hrpH</i> including the promoter of <i>hrpRS</i> fused with a promoterless <i>gfp</i>	This study
phrpR _{promoter} (ΔRbm)-gfp	pPROBE-NT reporter construct containing the intergenic region between <i>hrpR</i> and <i>hrpH</i> including a deletion of AauR-binding site Rbm in the promoter of <i>hrpR</i> fused with a promoterless <i>gfp</i>	This study
phrpL _{promoter} -gfp	pPROBE-NT reporter construct containing the intergenic region between <i>hrpL</i> and <i>hrpJ</i> including the promoter of <i>hrpL</i> fused with a promoterless <i>gfp</i>	(Yan <i>et al.</i> 2019)
pavrRpm1 _{promoter} -gfp	Reporter construct containing <i>avrRpm1</i> fused with a C-terminal hemagglutinin tag followed by a promoterless <i>gfp</i> , with both genes driven by the native <i>avrRpm1</i> promoter in vector pBBR1MCS-2.	(Chang <i>et al.</i> 2005)
paatJ _{promoter} -gfp	pPROBE-NT reporter construct containing the promoter of <i>aatJ</i> fused with a promoterless <i>gfp</i> .	This study
pME6010	pACYC177-pVS1 <i>E. coli</i> and <i>Pseudomonas</i> spp. shuttle vector, Tc ^r	(Heeb <i>et al.</i> 2000)
pME6010-aauS	pME6010 containing an intact <i>aauS</i> gene, used to restore the mutation of <i>aauS</i> in DC3000. Tc ^r	This study
pME6010-aauR	pME6010 containing an intact <i>aauR</i> gene, used to restore the mutation of <i>aauR</i> in DC3000. Tc ^r	This study
pME6010-aatJ	pME6010 containing an intact <i>aatJ</i> gene, used to restore the mutation of <i>aatJ</i> in DC3000. Tc ^r	This study
pET28a:aauR	Expression of recombinant AauR in <i>E. coli</i>	This study

#: Rif^r: rifampicin; Tc^r, tetracycline resistance; Km^r, kanamycin resistance; Cm^r, chloramphenicol resistance