

Table S1. Strains and plasmids used in this work

Strain (abbreviation) ^a	Characteristics	Plasmids			Genes		Source or reference
		A	B	C	<i>ptz</i>	<i>idi</i>	
<i>Escherichia coli</i>							
NEB10β	<i>Δ(mrr-hsdRMS-mcrB) deoR recA1 endA1 araD139 Δ(ara, leu)7697 galU galK λ⁻ rpsL nupG</i>						(Grant et al., 1990)
S17-1	Strain used to transfer pDR1 plasmid						(Flores et al., 1993)
<i>Pseudomonas syringae</i> pv. <i>savastanoi</i>							
C* (UPN878)	NCPPB 3335 containing pPsv48C::Tn5-GDYN1-2	+	+	+	+	+	This work
NCPPB 3335	Pathotype strain, isolated from an olive (<i>Olea europaea</i>) tumor, France 1976, contains 3 native plasmids (pPsv48A, pPsv48B y pPsv48C); synonym Psv48	+	+	+	+	+	NCPPB ^b
ΔAB (Psv48ΔAB)	NCPPB 3335 cured of pPsv48A and pPsv48B	-	-	+	-	+	(Bardaji et al., 2011)
ΔAB, C* (UPN877)	Psv48ΔAB containing pPsv48C::Tn5-GDYN1-2	-	-	+	-	+	This work
ΔABC (UPN912)	Plasmidless, is Psv48ΔAB cured of pPsv48C	-	-	-	-	-	This work

ΔC (UPN954)	UPN878 with a very large deletion of pPsv48C, leaving only 4.8 kb of the plasmid (coordinates 27019-31852 in FR820587)	+	+	- ^c	+	-	This work
Δidi (UPN1022)	NCPPB 3335 Δidi	+	+	+	+	-	This work
$\Delta idi + idi$ (UPN1024)	Δidi (UPN1022) containing p31idi	+	+	+	+	+	This work
Δptz (UPN1028)	NCPPB 3335 Δptz	+	+	+	-	+	This work
$\Delta ptz + ptz$ (UPN1029)	Δptz (UPN1028) containing pIPMptz	+	+	+	+	+	This work
Δptz -idi (UPN1030)	Derived from Δptz (UPN1028) by transfer of pPsv48C Δidi from strain Δidi (UPN1022); double mutant $\Delta ptz \Delta idi$	+	+	+	-	-	This work
Δptz -idi + $ptz+idi$ (UPN1032)	Δptz -idi (UPN1030) containing p31idiptz	+	+	+	+	+	This work

Other *Pseudomonas*

CFBP 2897	<i>Ps</i> pv. <i>myricae</i>	-	-	-	+	+	CFBP ^d
CFBP 2899	<i>Ps</i> pv. <i>photiniae</i>	-	-	-	+	+	CFBP ^d
CFBP 3225	<i>P. meliae</i>	-	-	-	+	-	CFBP ^{d2}
CFBP 3226	<i>Ps</i> pv. <i>dendropanacis</i>	-	-	-	-	-	CFBP ^d
CFBP 3229	<i>Ps</i> pv. <i>tremae</i>	-	-	-	-	-	CFBP ^d

CFBP 4219	<i>Ps</i> pv. <i>daphniophylli</i>	-	-	-	-	-	CFBP ^d
CFBP 4220	<i>Ps</i> pv. <i>rhopiolepidis</i>	-	-	-	-	-	CFBP ^d
CFBP 6109	<i>Ps</i> pv. <i>cerasicola</i>	-	-	-	+	+	CFBP ^d
CFBP 6110	<i>Ps</i> pv. <i>cerasicola</i>	-	-	-	+	+	CFBP ^d
CFBP 6111	<i>Ps</i> pv. <i>tremae</i>	-	-	-	-	-	CFBP ^d

Plasmids

p31idi	pME6031 containing gene <i>idi</i> (1117 nt fragment; coordinates 17895-19011); Tc ^R	-	+	This work
p31idiptz	pME6031 containing genes <i>idi</i> (1117 nt fragment; coordinates 17895-19011) and <i>ptz</i> (1372 nt fragment; coordinates 28142-29513); Tc ^R	+	+	This work
p41idiSAM	pME6041 containing genes <i>idi</i> and PSPSV_C0023; Km ^R	-	+	This work
pBlueScript II SK	<i>E. coli</i> cloning vector; 2.96 kb, Amp ^R			Stratagene
pDR1	Delivery vector for Tn5-GDYN1, based on pSUP2021; Km ^R , Gm ^R , Sm ^R , Spc ^R ; confers sucrose-dependent lethality			(Flores et al., 1993)

pGEM-T Easy	<i>E. coli</i> cloning vector; 3 kb, Amp ^R						Promega
pGEM-T-KmFRT-BamHI	Contains Km ^R from pKD4; Ap ^R Km ^R						(Ortiz-Martín et al., 2010)
pHP45Ω	Source of cassette Spc ^R , 2 kb						(Prentki and Krisch, 1984)
pIPMptz	pBBR1MCS-5 containing gene <i>ptz</i> ; Gm ^R				+	-	This work
pJET1.2	<i>E. coli</i> cloning vector 2.9 kb, Amp ^R						Thermo Fisher Scientific
pLRM1-GFP	pBBR-MCS5::GFP; pBBR1-MCS5::P _{A1/04/03} -RBSII-GFPmut3*-T0-T1; Gm ^R						(Rodríguez-Moreno et al., 2009)
pME6031	Broad host range cloning vector; 8.3 kb, Tc ^R						(Heeb et al., 2000)
pME6041	Broad host range cloning vector; 5.6 kb, Km ^R						(Heeb et al., 2000)
pPsv48A	Virulence plasmid of NCPPB 3335 (accession n° FR820585); with RepA-PFP replicon; 80.1 kb	+	-	-	+	-	(Bardaji et al., 2011)
pPsv48AΔptz	pPsv48A containing deleted gen <i>ptz</i> (positions 28,245 – 28,943 of FR820585); Km ^R	+	-	-	-	-	This work
pPsv48B	Native plasmid of NCPPB 3335	-	+	-	-	-	(Bardaji et al., 2011)

	(accession no. FR820586); with RepA-PFP replicon; 45.2 kb						
pPsv48C	Virulence plasmid of NCPPB 3335 (accession no. FR820587); with RepA-PFP and RepJ replicons; 42.1 kb	-	-	+	-	+	(Bardaji et al., 2011)
pPsv48C::Tn5-GDYN1-2	pPsv48C containing Tn5-GDYN1 inserted at position 7,433; Km ^R , Gm ^R , Suc ^S	-	-	+	-	+	This work
pPsv48CΔidi	pPsv48C containing deleted gen <i>idi</i> (positions 18,294 – 19,046 of FR820587); Spc ^R	-	-	+	-	-	This work
pRK3C	pRK415 derivative containing genes PSPSV_C0050, PSPSV_C0008 and PSPSV_C0003 cloned in tandem in this order, each with their own promoter and under the control of the P _{lac} promoter from the vector; Tc ^R						(Bardaji et al., 2019)
pRK415	Broad host range cloning vector; 10.5 kb, Tc ^R						(Keen et al., 1988)

^a Collection from the Laboratorio de Fitobacteriología, Universidad Pública de Navarra, UPN

^b National collection of Plant Pathogenic bacteria, York , United Kingdom

^c As indicated, the strain suffered a massive deletion of plasmid C, only retaining one of the replicons and adjacent DNA but no virulence genes; therefore, and since it does not contain gene *idi*, we considered this strain as free of plasmid C

^d French Collection for Plant-associated Bacteria, France

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