



Fig. S1. Ornamental walnut tree host from where isolates were recovered from. Detail of an infected leaf with a close-up of bacterial blight symptoms

Table S1. List of genomes used in ANI - EDGAR

Species	Strain	Ref Seq
<i>X. campestris</i> pv. <i>campestris</i>	ATCC 33913 ^T	NC_003902
<i>X. fragariae</i>	Fap21	NZ_CP016830
<i>X. cassavae</i>	CFBP 4642 ^T	NZ_CM002139
<i>X. gardneri</i>	ICMP 7383	NZ_CP018731
<i>X. hortorum</i> pv. <i>carotae</i>	M081	NZ_CM002307
<i>X. citri</i> subsp. <i>citri</i>	A306	NZ_CP006857
<i>X. euvesicatoria</i>	LMG 930	NZ_CP018467
<i>X. fuscans</i> subsp. <i>fuscans</i>	4834_R	NZ_FO681494
<i>X. oryzae</i> pv. <i>oryzicola</i>	CFBP2286 ^{PT}	NZ_CP011962
<i>X. prunicola</i>	CFBP 8353 ^T	NZ_PHKX00000000
<i>X. arboricola</i>	CITA 44	NZ_LJG00000000
<i>X. arboricola</i> pv. <i>arracaciae</i>	CFBP 7407 ^T	NZ_MIGU00000000
<i>X. arboricola</i> pv. <i>celebensis</i>	NCPPB 1832 ^{PT}	NZ_JPHC00000000
<i>X. arboricola</i> pv. <i>corylina</i>	NCCB 100457	NZ_APMC00000000
<i>X. arboricola</i> pv. <i>juglandis</i>	CFBP 2528 ^T	NZ_JZEF00000000.1
<i>X. arboricola</i> pv. <i>juglandis</i>	NCPPB 1447	NZ_AJTL00000000
<i>X. arboricola</i> pv. <i>fragariae</i>	LMG 19145 ^{PT}	NZ_OEQL00000000
<i>X. arboricola</i> pv. <i>populi</i>	CFBP 3122	NZ_MIGV00000000
<i>X. arboricola</i> pv. <i>pruni</i>	CFBP 3894 ^{PT}	NZ_LOMI00000000
<i>X. arboricola</i> pv. <i>zantedeschiae</i>	CFBP 7410 ^{PT}	NZ_MIGW00000000

Abbreviations: ATCC, American Type Culture Collection, United States; CFBP, French Collection of Phytopathogenic Bacteria, France; ICMP, International Collection of Microorganisms from Plants, New Zealand; BCCM/ LMG, the Belgian Coordinated Collections of Microorganisms/ LMG Bacteria Collection in Gent, Belgium; CITA, Centro de Investigación y Tecnología Agroalimentaria de Aragón, Spain; NCPPB, National Collection of Plant Pathogenic Bacteria, United Kingdom; NCCB: Netherlands Culture Collection of Bacteria, Netherlands)

Table S2.% dDDH

Query Genome	Reference genome	DDH	Model C.I. (%)	Distance	Prob. DDH >70%	G+C difference
<i>X. euroxantha</i>						
CPBF 424	<i>X. euroxantha</i> CPBF 367	81.1	78.2 - 83.7	0.0221	91.37	0.08
CPBF 424	<i>X. floridensis</i> WHRI 8848	33.2	30.8 - 35.7	0.1262	0.36	0.44
CPBF 424	<i>X. populi</i> CFBP 1817	35.6	33.2 - 38.2	0.1155	0.8	2.5
CPBF 424	<i>X. codiae</i> CFBP 4690	32.6	30.2 - 35.1	0.1289	0.29	0.22
CPBF 424	<i>X. albilineans</i> CFBP 2523	21.8	19.6 - 24.2	0.2012	0	2.75
CPBF 424	<i>X. alfalfae</i> subs. <i>citrumelonis</i> CFBP 3371	32.8	30.4 - 35.3	0.1281	0.31	0.86
CPBF 424	<i>X. hortorum</i> CFBP 4925	37.4	34.9-39.9	0.1088	1.34	1.98
CPBF 424	<i>X. cynarae</i> CFBP 4188	37.5	35-40	0.1085	1.38	2.1
CPBF 424	<i>X. dyei</i> CFBP 7245	32.8	30.4-35.3	0.128	0.31	1.54
CPBF 424	<i>X. cucurbitae</i> CFBP 2542	31.8	29.4-34.3	0.1328	0.21	0.38
CPBF 424	<i>X. oryzae</i> ATCC 35993	32.3	29.8-34.8	0.1306	0.26	1.89
CPBF 424	<i>X. nasturtii</i> WHRI 8853	34.1	31.6-36.6	0.1222	0.48	1.34
CPBF 424	<i>X. bromi</i> LMG 947	32.7	30.3-35.2	0.1284	0.3	1.75
CPBF 424	<i>X. gardneri</i> ATCC 19865	37.6	35.1-40.1	0.108	1.43	2.13
CPBF 424	<i>X. cassavae</i> CFBP 4642	33.6	31.2-36.1	0.1244	0.41	0.59
CPBF 424	<i>X. arboricola</i> CFBP 2528	49.4	46.7-52	0.0732	17.36	0.35
CPBF 424	<i>X. vesicatoria</i> ATCC 35937	32.6	30.2-35.1	0.1289	0.29	1.75
CPBF 424	<i>X. pisi</i> DMS 18956	33.7	31.2-36.2	0.124	0.42	1.09
CPBF 424	<i>X. axonopodis</i> DSM 3585	32.2	29.8-34.7	0.1307	0.25	1.33
CPBF 424	<i>X. campestris</i> ATCC 33913	31.1	28.7-33.6	0.1365	0.16	0.74
CPBF 424	<i>X. citri</i> LMG 9322	32.6	30.2-35.1	0.1288	0.29	1.06
CPBF 367	<i>X. euroxantha</i> CPBF 424	81.1	78.2-83.7	0.0221	91.37	0.08
CPBF 367	<i>X. floridensis</i> WHRI 8848	33.2	30.8-35.8	0.1259	0.36	0.52
CPBF 367	<i>X. populi</i> CFBP 1817	35.5	33.1-38	0.1161	0.77	2.58
CPBF 367	<i>X. codiae</i> CFBP 4690	32.8	30.4-35.3	0.1279	0.31	0.14
CPBF 367	<i>X. albilineans</i> CFBP 2523	22	19.8-24.5	0.199	0	2.83
CPBF 367	<i>X. alfalfae</i> subs. <i>citrumelonis</i> CFBP 3371	32.7	30.2-35.2	0.1286	0.3	0.94
CPBF 367	<i>X. hortorum</i> CFBP 4925	37.2	34.8-39.7	0.1094	1.28	2.06
CPBF 367	<i>X. cynarae</i> CFBP 4188	37.2	34.7-39.7	0.1096	1.26	2.18
CPBF 367	<i>X. dyei</i> CFBP 7245	32.8	30.4-35.3	0.1279	0.31	1.62
CPBF 367	<i>X. cucurbitae</i> CFBP 2542	31.8	29.4-34.3	0.1328	0.22	0.46
CPBF 367	<i>X. oryzae</i> ATCC 35993	32.3	29.9-34.8	0.1303	0.26	1.97
CPBF 367	<i>X. nasturtii</i> WHRI 8853	34	31.6-36.5	0.1224	0.48	1.42
CPBF 367	<i>X. bromi</i> LMG 947	32.8	30.4-35.3	0.1279	0.31	1.84
CPBF 367	<i>X. gardneri</i> ATCC 19865	37.2	34.8-39.7	0.1093	1.29	2.21
CPBF 367	<i>X. cassavae</i> CFBP 4642	33.7	31.3-36.2	0.1236	0.43	0.67
CPBF 367	<i>X. arboricola</i> CFBP 2528	49.3	46.7-52	0.0732	17.33	0.43
CPBF 367	<i>X. vesicatoria</i> ATCC 35937	32.4	30-34.9	0.1298	0.27	1.83
CPBF 367	<i>X. pisi</i> DMS 18956	33.9	31.4-36.4	0.1231	0.45	1.17
CPBF 367	<i>X. axonopodis</i> DSM 3585	32.2	29.7-34.7	0.131	0.25	1.41
CPBF 367	<i>X. campestris</i> ATCC 33913	31.1	28.7-33.6	0.1361	0.17	0.82
CPBF 367	<i>X. citri</i> LMG 9322	32.6	30.2-35.1	0.1288	0.29	1.14

CPBF, Portuguese Collection of Phytopathogenic Bacteria, Portugal; CFBP, French Collection of Phytopathogenic Bacteria, France; ATCC, American Type Culture Collection, United States; DSM, German Collection of Microorganisms and Cell Cultures GmbH, Germany; BCCM/ LMG, the Belgian Coordinated Collections of Microorganisms/ LMG Bacteria Collection in Gent, Belgium