

S.N.	Strain id	Taxonomic classification	Host of isolation	Country of isolation	Collected by	Genome size (bp)	GC content (%)	No. of tRNA	No. of rRNA	No. of gene	No. of CDS	IMG Taxon ID	NCBI Bioproject Accession	NCBI Biosample Accession	Genbank ID
1	2768	Xanthomonas arboricola 2768	Rainwater	USA	Boris A Vinatzer	4,795,040	65.89	53	3	4129	4018	3E+09	PRJNA583330	SAMN13173792	JACHOE000000000
2	3046	Xanthomonas arboricola 3046	Rainwater	USA	Boris A Vinatzer	4,877,301	65.67	53	3	4207	4093	3E+09	PRJNA547322	SAMN12024095	JAASRI000000000
3	3140	Xanthomonas arboricola 3140	Rainwater	USA	Boris A Vinatzer	4,915,557	65.71	50	2	4183	4071	3E+09	PRJNA547323	SAMN12024092	JAASRH000000000
4	3272	Xanthomonas arboricola 3272	Rainwater	USA	Boris A Vinatzer	4,941,414	65.63	51	3	4210	4094	3E+09	PRJNA583334	SAMN13190211	JAATIV000000000
5	3376	Xanthomonas arboricola 3376	Rainwater	USA	Boris A Vinatzer	5,029,964	65.55	52	3	4355	4243	3E+09	PRJNA583336	SAMN13190212	JAATIW000000000
6	3790	Xanthomonas arboricola 3790	Rainwater	USA	Boris A Vinatzer	4,803,630	65.91	53	3	4084	3972	3E+09	PRJNA547325	SAMN12024080	JACICJ000000000
7	74	Xanthomonas arboricola 74	Cucurbit	USA	Neha Potnis	4,714,362	65.95	53	3	4061	3948	3E+09	PRJNA547318	SAMN12024071	JAASRL000000000
8	84A	Xanthomonas arboricola 84A	Sunflower	USA	Neha Potnis	4,898,161	65.82	54	3	4213	4102	3E+09	PRJNA547330	SAMN12024093	JACICG000000000
9	CFBP6681	Xanthomonas arboricola CFBP 6681	Tomato	Cuba	CFBP, Marie-Agnès Jacques	5,249,229	65.53	55	5	4611	4494	3E+09	PRJNA547335	SAMN12024074	JACICS000000000
10	CFBP6825	Xanthomonas arboricola CFBP 6825	Pepper	USA	CFBP, Marie-Agnès Jacques	4,947,835	65.69	52	3	4249	4130	3E+09	PRJNA547336	SAMN12024076	JAASRC000000000
11	CFBP6826	Xanthomonas arboricola CFBP 6826	Pepper	USA	CFBP, Marie-Agnès Jacques	4,946,363	65.69	52	3	4252	4133	3E+09	PRJNA547337	SAMN12024085	JACICT000000000
12	CFBP6828	Xanthomonas arboricola CFBP 6828	Pepper	USA	CFBP, Marie-Agnès Jacques	4,947,178	65.69	52	3	4254	4135	3E+09	PRJNA546814	SAMN12025056	JACICU000000000
13	CFBP7629	Xanthomonas arboricola CFBP 7629	Walnut	France	CFBP, Marie-Agnès Jacques	4,943,431	65.6	54	4	4288	4164	3E+09	PRJNA546816	SAMN12025187	JACICV000000000
14	CFBP7634	Xanthomonas arboricola CFBP 7634	Walnut	France	CFBP, Marie-Agnès Jacques	4,943,858	65.6	54	4	4293	4169	3E+09	PRJNA546817	SAMN12025210	JACICW000000000
15	CFBP7652	Xanthomonas arboricola CFBP 7652	Walnut	France	CFBP, Marie-Agnès Jacques	5,216,680	65.5	53	4	4511	4387	3E+09	PRJNA546819	SAMN12025058	JACHNJ000000000
16	CFBP7680	Xanthomonas arboricola CFBP 7680	Pepper	France	CFBP, Marie-Agnès Jacques	4,891,176	65.7	53	3	4209	4088	3E+09	PRJNA583339	SAMN13173797	JACINK000000000
17	CFBP7681	Xanthomonas arboricola CFBP 7681	Pepper	China	CFBP, Marie-Agnès Jacques	4,963,904	66	54	3	4189	4072	3E+09	PRJNA583340	SAMN13172221	JACHOJ000000000
18	CFBP8130	Xanthomonas arboricola CFBP 8130	Bean seed	France	CFBP, Marie-Agnès Jacques	4,754,280	65.99	53	3	4052	3940	3E+09	PRJNA547342	SAMN12024090	JACHNM000000000
19	CFBP8139	Xanthomonas arboricola CFBP 8139	Bean seed	N/A	CFBP, Marie-Agnès Jacques	4,953,125	65.74	54	3	4324	4207	3E+09	PRJNA547343	SAMN12024081	JAASRA000000000
20	CFBP8140	Xanthomonas arboricola CFBP 8140	Bean seed	N/A	CFBP, Marie-Agnès Jacques	4,830,954	65.73	53	3	4162	4039	3E+09	PRJNA546808	SAMN12025522	JACIIT000000000
21	CFBP8145	Xanthomonas arboricola CFBP 8145	Bean seed	N/A	CFBP, Marie-Agnès Jacques	4,834,499	65.89	53	3	4131	4019	3E+09	PRJNA546809	SAMN12025540	JAASSC000000000
22	CFBP8149	Xanthomonas arboricola CFBP 8149	Bean seed	N/A	CFBP, Marie-Agnès Jacques	4,878,272	65.69	51	3	4208	4095	3E+09	PRJNA546810	SAMN12025186	JACHNN000000000
23	F11	Xanthomonas arboricola F11	Citrus orange	USA	R. E. Stall and J. B. Jones	4,869,765	65.82	53	4	4163	4051	3E+09	PRJNA546658	SAMN12025545	JACHNQ000000000
24	F12	Xanthomonas arboricola F12	Tomato	USA	R. E. Stall and J. B. Jones	4,967,385	66.03	53	3	4218	4109	3E+09	PRJNA546659	SAMN12025199	JACHNR000000000
25	F13	Xanthomonas arboricola F13	Tomato	USA	R. E. Stall and J. B. Jones	4,808,302	65.76	55	3	4150	4034	3E+09	PRJNA583343	SAMN13173072	JAATIV000000000
26	F14	Xanthomonas arboricola F14	Citrus orange	USA	R. E. Stall and J. B. Jones	4,748,859	65.91	52	3	4108	3999	3E+09	PRJNA583344	SAMN13190100	JACHOM000000000
27	F15	Xanthomonas arboricola F15	Linaria sp.	USA	R. E. Stall and J. B. Jones	4,868,193	65.75	51	3	4172	4061	3E+09	PRJNA546660	SAMN12025150	JACIUV000000000
28	F18	Xanthomonas arboricola F18	Tomato	USA	R. E. Stall and J. B. Jones	4,821,314	65.89	51	3	4113	4003	3E+09	PRJNA546663	SAMN12025087	JACHNT000000000
29	F19	Xanthomonas arboricola F19	Pepper	USA	R. E. Stall and J. B. Jones	4,846,312	65.78	52	3	4208	4096	3E+09	PRJNA546664	SAMN12025543	JACJNJ000000000
30	F20	Xanthomonas arboricola F20	Tomato	USA	R. E. Stall and J. B. Jones	4,866,293	65.88	52	4	4188	4076	3E+09	PRJNA546665	SAMN12025125	JACIIP000000000

31	F21	Xanthomonas arboricola F21	Tomato	USA	R. E. Stall and J. B. Jones	5,253,819	65.53	55	5	4613	4496	3E+09	PRJNA546666	SAMN12025546	JACIIQ000000000
32	F7	Xanthomonas arboricola F7	Tomato	USA	R. E. Stall and J. B. Jones	4,763,808	65.86	53	3	4161	4040	3E+09	PRJNA583349	SAMN13172344	JAATLO000000000
33	F8	Xanthomonas arboricola F8	Tomato	USA	R. E. Stall and J. B. Jones	4,807,951	65.78	54	3	4104	3993	3E+09	PRJNA583350	SAMN13172246	JAATIX000000000
34	F9	Xanthomonas arboricola F9	Tomato	USA	R. E. Stall and J. B. Jones	4,802,478	65.83	53	3	4094	3981	3E+09	PRJNA546669	SAMN12025045	JACCEJ000000000
35	CFBP1356 7	Xanthomonas campestris CFBP 13567	Radish seed	France	CFBP, Marie-Agnès Jacques	5,040,092	65.44	54	3	4383	4206	3E+09	PRJNA547331	SAMN12024066	JANUPS000000000
36	CFBP1356 8	Xanthomonas campestris CFBP 13568	Radish seed	France	CFBP, Marie-Agnès Jacques	5,040,178	65.44	54	3	4385	4207	3E+09	PRJNA547333	SAMN12024089	JANUPR000000000
37	CFBP3277	Xanthomonas campestris CFBP 3277	Tomato	Guadeloupe (French west indies)	CFBP, Marie-Agnès Jacques	5,002,720	65.11	54	3	4444	4263	3E+09	PRJNA547334	SAMN12024072	JACICR000000000
38	CFBP7911	Xanthomonas campestris CFBP 7911	Bean seed	N/A	CFBP, Marie-Agnès Jacques	4,885,581	65.47	54	3	4282	4112	3E+09	PRJNA547338	SAMN12024075	JANUPO000000000
39	CFBP7915	Xanthomonas campestris CFBP 7915	Bean seed	China	CFBP, Marie-Agnès Jacques	4,889,592	65.43	56	3	4322	4147	3E+09	PRJNA583341	SAMN13172233	JANTYW000000000
40	CFBP7924	Xanthomonas campestris CFBP 7924	Bean seed	N/A	CFBP, Marie-Agnès Jacques	4,977,629	65.35	53	3	4368	4190	3E+09	PRJNA547341	SAMN12024073	JANUPQ000000000
41	F22	Xanthomonas campestris F22	Tomato	USA	R. E. Stall and J. B. Jones	4,959,759	65.14	54	3	4394	4227	3E+09	PRJNA583346	SAMN13172197	
42	F24	Xanthomonas campestris F24	Pepper	USA	R. E. Stall and J. B. Jones	4,918,247	65.36	54	3	4344	4172	3E+09	PRJNA583347	SAMN13172198	JANUPT000000000
43	F6	Xanthomonas campestris F6	Tomao	USA	R. E. Stall and J. B. Jones	5,029,390	65.42	54	3	4380	4207	3E+09	PRJNA546668	SAMN12025061	JANUPP000000000
44	8590	Xanthomonas cannabis 8590	Bean leaf	Brazil	CFBP, Marie-Agnès Jacques	4,913,203	65.75	55	3	4276	4166	3E+09	PRJNA547328	SAMN12024094	JAASRG000000000
45	8600	Xanthomonas cannabis 8600	Bean leaf	Brazil	CFBP, Marie-Agnès Jacques	4,795,610	65.74	53	3	4145	4036	3E+09	PRJNA547329	SAMN12024084	JACICP000000000
46	CFBP8590	Xanthomonas cannabis CFBP 8590	Bean leaf	Brazil	CFBP, Marie-Agnès Jacques	4,914,203	65.75	55	3	4276	4166	3E+09	PRJNA546813	SAMN12025062	JAASRD000000000
47	CFBP8591	Xanthomonas cannabis CFBP 8591	Bean leaf	Brazil	CFBP, Marie-Agnès Jacques	4,853,759	65.71	53	4	4224	4114	3E+09	PRJNA546648	SAMN12025170	JACICK000000000
48	CFBP8592	Xanthomonas cannabis CFBP 8592	Bean leaf	Brazil	CFBP, Marie-Agnès Jacques	4,838,975	65.74	53	3	4182	4073	3E+09	PRJNA546649	SAMN12025542	JAASRF000000000
49	CFBP8593	Xanthomonas cannabis CFBP 8593	Bean leaf	Brazil	CFBP, Marie-Agnès Jacques	4,839,134	65.75	55	3	4203	4091	3E+09	PRJNA546650	SAMN12025064	JAASRE000000000
50	CFBP8594	Xanthomonas cannabis CFBP 8594	Bean leaf	Brazil	CFBP, Marie-Agnès Jacques	4,684,449	65.84	52	3	4058	3946	3E+09	PRJNA546651	SAMN12025075	JACICL000000000
51	CFBP8595	Xanthomonas cannabis CFBP 8595	Bean leaf	Brazil	CFBP, Marie-Agnès Jacques	4,819,314	65.78	53	3	4164	4058	3E+09	PRJNA546652	SAMN12025144	JACICM000000000
52	CFBP8596	Xanthomonas cannabis CFBP 8596	Bean leaf	Brazil	CFBP, Marie-Agnès Jacques	4,814,602	65.77	52	3	4139	4032	3E+09	PRJNA546653	SAMN12025171	JACBZB000000000
53	CFBP8597	Xanthomonas cannabis CFBP 8597	Bean leaf	Brazil	CFBP, Marie-Agnès Jacques	4,814,889	65.77	52	3	4144	4037	3E+09	PRJNA546654	SAMN12025123	JACBZC000000000
54	CFBP8598	Xanthomonas cannabis CFBP 8598	Bean leaf	Brazil	CFBP, Marie-Agnès Jacques	4,853,479	65.71	53	4	4229	4119	3E+09	PRJNA546655	SAMN12025188	JACICN000000000
55	CFBP8599	Xanthomonas cannabis CFBP 8599	Bean leaf	Brazil	CFBP, Marie-Agnès Jacques	4,953,994	65.51	54	3	4295	4184	3E+09	PRJNA546656	SAMN12025100	JACICO000000000
56	CFBP8600	Xanthomonas cannabis CFBP 8600	Bean leaf	Brazil	CFBP, Marie-Agnès Jacques	4,795,634	65.74	53	3	4147	4038	3E+09	PRJNA546806	SAMN12025110	JACICQ000000000
57	CFBP8605	Xanthomonas cannabis CFBP 8605	Bean leaf	Brazil	CFBP, Marie-Agnès Jacques	4,796,975	65.74	53	3	4103	3992	3E+09	PRJNA546807	SAMN12025111	JAASQY000000000
58	F16	Xanthomonas cannabis F16	Nightshade (Solanum nigrum)	USA	R. E. Stall and J. B. Jones	4,776,640	65.75	54	3	4123	4011	3E+09	PRJNA546661	SAMN12025151	JACHNS000000000
59	F17	Xanthomonas cannabis F17	Tomato	USA	R. E. Stall and J. B. Jones	4,778,090	65.75	54	3	4117	4005	3E+09	PRJNA546662	SAMN12025124	JACIUW000000000
60	2949	Xanthomonas euroxanthea 2949	Rainwater	USA	Boris A Vinatzer	4,824,595	65.87	52	3	4211	4101	3E+09	PRJNA547319	SAMN12024087	JAASRK000000000
61	2955	Xanthomonas euroxanthea 2955	Rainwater	USA	Boris A Vinatzer	4,767,670	65.88	53	3	4130	4020	3E+09	PRJNA547320	SAMN12024091	JAASRJ000000000

62	2957	Xanthomonas euroxanthea 2957	Rainwater	USA	Boris A Vinatzer	4,970,240	65.85	55	3	4346	4232	3E+09	PRJNA583331	SAMN13173081	JAATIU000000000
63	2974	Xanthomonas euroxanthea 2974	Rainwater	USA	Boris A Vinatzer	4,799,859	65.98	53	3	4111	4002	3E+09	PRJNA547321	SAMN12024078	JACICH000000000
64	3338	Xanthomonas euroxanthea 3338	Rainwater	USA	Boris A Vinatzer	4,718,025	65.95	51	3	4074	3964	3E+09	PRJNA547324	SAMN12024079	JACICI000000000
65	3640	Xanthomonas euroxanthea 3640	Rainwater	USA	Boris A Vinatzer	4,836,250	66.04	52	3	4168	4062	3E+09	PRJNA583338	SAMN13173795	JACHOI000000000
66	CFBP7622	Xanthomonas euroxanthea CFBP 7622	Bean	USA	CFBP, Marie-Agnès Jacques	4,705,769	66.21	53	3	4068	3963	3E+09	PRJNA546815	SAMN12025169	JASRB000000000
67	CFBP7635	Xanthomonas euroxanthea CFBP 7635	Walnut (cv. Franquette)	France	CFBP, Marie-Agnès Jacques	4,857,910	66.15	49	3	4207	4100	3E+09	PRJNA546818	SAMN12025097	JACHNI000000000
68	F2	Xanthomonas euroxanthea F2	Peruvian groundcherry (<i>Physalis peruviana</i>)	N/A	R. E. Stall and J. B. Jones	4,885,591	65.98	52	3	4232	4122	3E+09	PRJNA583345	SAMN13172987	JACHOL000000000
69	CFBP7921	Xanthomonas euvesicatoria CFBP 7921	Bean seed	N/A	CFBP, Marie-Agnès Jacques	5,035,348	64.89	56	3	4426	4297	3E+09	PRJNA547339	SAMN12024088	JACHNK000000000
70	CFBP7922	Xanthomonas euvesicatoria CFBP 7922	Bean seed	N/A	CFBP, Marie-Agnès Jacques	5,034,570	64.89	56	3	4426	4297	3E+09	PRJNA547340	SAMN12024083	JACHNL000000000
71	3058	Xanthomonas sp. 3058	Rainwater	USA	Boris A Vinatzer	4,968,012	64.74	54	3	4319	4209	3E+09	PRJNA583332	SAMN13173779	JACHOF000000000
72	3075	Xanthomonas sp. 3075	Rainwater	USA	Boris A Vinatzer	4,997,784	64.6	52	3	4294	4185	3E+09	PRJNA583333	SAMN13172773	JACIFI000000000
73	3307	Xanthomonas sp. 3307	Rainwater	USA	Boris A Vinatzer	4,860,261	68.94	51	3	4183	4099	3E+09	PRJNA583335	SAMN13172743	JACHOG000000000
74	3498	Xanthomonas sp. 3498	Rainwater	USA	Boris A Vinatzer	4,925,041	68.91	55	3	4270	4182	3E+09	PRJNA583337	SAMN13190338	JACHOH000000000
75	3793	Xanthomonas sp. 3793	Rainwater	USA	Boris A Vinatzer	5,210,011	65.26	55	3	4513	4379	3E+09	PRJNA547326	SAMN12024082	JANTYU000000000
76	4461	Xanthomonas sp. 4461	Rainwater	USA	Boris A Vinatzer	5,263,960	65.29	55	3	4553	4423	3E+09	PRJNA547327	SAMN12024077	JANTYV000000000
77	CFBP8151	Xanthomonas sp. CFBP 8151	Bean seed	N/A	CFBP, Marie-Agnès Jacques	4,610,370	65.59	52	3	4036	3928	3E+09	PRJNA546811	SAMN12025089	JASQZ000000000
78	CFBP8152	Xanthomonas sp. CFBP 8152	Bean seed	N/A	CFBP, Marie-Agnès Jacques	4,705,389	65.53	53	3	4126	4008	3E+09	PRJNA546812	SAMN12025148	JACHNO000000000
79	F1	Xanthomonas sp. F1	Citrus orange	USA	R. E. Stall and J. B. Jones	4,955,224	68.93	53	3	4248	4159	3E+09	PRJNA583342	SAMN13190379	JACHOK000000000
80	F10	Xanthomonas sp. F10	Citrus orange	USA	R. E. Stall and J. B. Jones	4,776,209	69.31	51	3	4152	4060	3E+09	PRJNA546657	SAMN12025141	JACHNP000000000
81	F4	Xanthomonas sp. F4	Citrus orange	USA	R. E. Stall and J. B. Jones	4,895,058	68.81	51	4	4219	4132	3E+09	PRJNA546667	SAMN12024050	JASQX000000000
82	F5	Xanthomonas sp. F5	Pepper	USA	R. E. Stall and J. B. Jones	5,317,945	68.59	55	3	4621	4535	3E+09	PRJNA583348	SAMN13172314	JACIFN000000000
83	60	Xanthomonas sp. 60	Tomato	USA	Neha Potnis	3,640,246	67.3	65	4	3318	3223	3E+09	PRJNA547317	SAMN12024202	JASQW000000000