

S2 Table. List of the strains used in this study and their assignation to phenotypic clusters and phylogenetic groups in the *rpoD* gene tree and in the MLSA analysis.

Strain	Phenotypic cluster	<i>rpoD</i> group	<i>rpoD</i> closest type strain	Similarity (%)	Phylogenetic group (3 genes)	Closest type strain (3 genes)	Similarity (%)	Species assignation (97% 3 genes)
FBF1	I	I	<i>P. orientalis</i> DSM 17489 ^T	97.8	I	<i>P. orientalis</i> DSM 17489 ^T	97	<i>P. orientalis</i>
FBF2	IX	IX	<i>P. moraviensis</i> DSM 16007 ^T	97.2	IX	<i>P. moraviensis</i> DSM 16007 ^T	97.2	<i>P. moraviensis</i>
FBF5	IV	IV	<i>P. lurida</i> P513/18 ^T	99.5	IV	<i>P. lurida</i> P513/18 ^T	99.6	<i>P. lurida</i>
FBF7	II	II	<i>P. synxantha</i> LMG 2335 ^T	93.3	II	<i>P. synxantha</i> LMG 2335 ^T	96	Putative new species
FBF8	II	II	<i>P. synxantha</i> LMG 2335 ^T	93.7	II	<i>P. synxantha</i> LMG 2335 ^T	96	Putative new species
FBF9	I	I	<i>P. orientalis</i> DSM 17489 ^T	97.8	nd			<i>P. orientalis</i>
FBF10	I	I	<i>P. orientalis</i> DSM 17489 ^T	97.8	nd			<i>P. orientalis</i>
FBF11	I	I	<i>P. orientalis</i> DSM 17489 ^T	97.8	nd			<i>P. orientalis</i>
FBF12	VI-A	VI-A	<i>P. syringae</i> ATCC 19310 ^T	97.4	nd			<i>P. syringae</i>
FBF13	VI-C	VI-C	<i>P. syringae</i> ATCC 19310 ^T	97.5	VI	<i>P. tremae</i> LMG 22121 ^T / <i>P. syringae</i> ATCC 19310 ^T	97.1	<i>P. tremae</i>
FBF15	X	X	<i>P. monteilii</i> ATCC 700476 ^T	99	nd			<i>P. monteilii</i>
FBF16	nd	VI-B	<i>P. syringae</i> ATCC 19310 ^T	98.2	nd			<i>P. tremae</i>
FBF17	I	I	<i>P. orientalis</i> DSM 17489 ^T	97.8	nd			<i>P. orientalis</i>
FBF18	XI	XI	<i>P. japonica</i> JCM 21532 ^T	81.2	XI	<i>P. japonica</i> JCM 21532 ^T	91.9	Putative new species
FBF19	XI	XI	<i>P. japonica</i> JCM 21532 ^T	81.2	XI	<i>P. japonica</i> JCM 21532 ^T	91.9	Putative new species
FBF20	IV	IV	<i>P. lurida</i> P513/18 ^T	99.5	nd			<i>P. lurida</i>
FBF21	V	V	<i>P. rhodesiae</i> LMG 17764 ^T	91.7	V	<i>P. marginalis</i> ATCC 10844 ^T / <i>P. grimontii</i> CIP 106645 ^T	94.8	Putative new species

FBF22	V	V	<i>P. rhodesiae</i> LMG 17764 ^T	91.7	nd			Putative new species
FBF23	II	II	<i>P. libanensis</i> CIP105460 ^T	93.7	II	<i>P. synxantha</i> LMG 2335 ^T	96	Putative new species
FBF24	VIII	VIII	<i>P. syringae</i> ATCC 19310 ^T	85.2	VIII	<i>P. meliae</i> CCUG 51503 ^T	91.6	Putative new species
FBF25	I	IV	<i>P. lurida</i> P513/18 ^T	99.5	IV	<i>P. lurida</i> P513/18 ^T	99.7	<i>P. lurida</i>
FBF27	VI-D	VI-D	<i>P. syringae</i> ATCC 19310 ^T	99.7	nd			<i>P. syringae</i>
FBF28	V	V	<i>P. rhodesiae</i> LMG 17764 ^T	91.7	nd			Putative new species
FBF30	V	V	<i>P. rhodesiae</i> LMG 17764 ^T	91.7	V	<i>P. marginalis</i> ATCC 10844 ^T / <i>P. grimontii</i> CIP 106645 ^T	94.9	Putative new species
FBF31	IV	IV	<i>P. lurida</i> P513/18 ^T	99.5	IV	<i>P. lurida</i> P513/18 ^T	99.7	<i>P. lurida</i>
FBF32	VI-A	VI-A	<i>P. syringae</i> ATCC 19310 ^T	97.5	nd			<i>P. syringae</i>
FBF33	VI-B	VI-B	<i>P. syringae</i> ATCC 19310 ^T	98	VI	<i>P. tremae</i> LMG 22121 ^T	97.1	<i>P. tremae</i>
FBF34	I	I	<i>P. orientalis</i> DSM 17489 ^T	97.8	nd			<i>P. orientalis</i>
FBF35	XI	XI	<i>P. japonica</i> JCM 21532 ^T	81.2	XI	<i>P. japonica</i> JCM 21532 ^T	91.9	Putative new species
FBF36	VI-B	VI-B	<i>P. syringae</i> ATCC 19310 ^T	98.2	VI	<i>P. tremae</i> LMG 22121 ^T	97.3	<i>P. tremae</i>
FBF38	V	V	<i>P. rhodesiae</i> LMG 17764 ^T	91.7	V	<i>P. marginalis</i> ATCC 10844 ^T / <i>P. grimontii</i> CIP 106645 ^T	94.9	Putative new species
FBF39	V	V	<i>P. rhodesiae</i> LMG 17764 ^T	91.7	nd			Putative new species
FBF40	VI-B	VI-B	<i>P. syringae</i> ATCC 19310 ^T	98	nd			<i>P. tremae</i>
FBF41	II	II	<i>P. libanensis</i> CIP105460 ^T	93.7	nd			Putative new species
FBF42	IV	IV	<i>P. lurida</i> P513/18 ^T	99.5	IV	<i>P. lurida</i> P513/18 ^T	99.7	<i>P. lurida</i>
FBF43	I	I	<i>P. orientalis</i> DSM 17489 ^T	97.8	nd			<i>P. orientalis</i>
FBF44	XI	XI	<i>P. japonica</i> JCM 21532 ^T	81.2	XI	<i>P. japonica</i> JCM 21532 ^T	91.9	Putative new species
FBF46	VI-D	VI-D	<i>P. syringae</i> ATCC 19310 ^T	99.7	VI	<i>P. syringae</i> ATCC 19310 ^T	99.4	<i>P. syringae</i>
FBF47	VI-D	VI-D	<i>P. syringae</i> ATCC 19310 ^T	99.8	nd			<i>P. syringae</i>

FBF48	I	I	<i>P. orientalis</i> DSM 17489 ^T	97.8	I	<i>P. orientalis</i> DSM 17489 ^T	97	<i>P. orientalis</i>
FBF49	VI-F	VI-B	<i>P. syringae</i> ATCC 19310 ^T	97.8	nd			<i>P. tremae</i>
FBF50	X	X	<i>P. monteilii</i> ATCC 700476 ^T	94	X	<i>P. monteilii</i> ATCC 700476 ^T	96.5	Putative new species
FBF51	I	I	<i>P. orientalis</i> DSM 17489 ^T	97.8	I	<i>P. orientalis</i> DSM 17489 ^T	97	<i>P. orientalis</i>
FBF52	VII	VII	<i>P. viridiflava</i> ATCC 13223 ^T	97.8	VII	<i>P. viridiflava</i> ATCC 13223 ^T	99.3	<i>P. viridiflava</i>
FBF53	V	V	<i>P. rhodesiae</i> LMG 17764 ^T	91.7	nd			Putative new species
FBF54	V	V	<i>P. rhodesiae</i> LMG 17764 ^T	91.7	V	<i>P. marginalis</i> ATCC 10844 ^T / <i>P. grimontii</i> CIP 106645 ^T	94.8	Putative new species
FBF55	V	V	<i>P. rhodesiae</i> LMG 17764 ^T	91.7	V	<i>P. marginalis</i> ATCC 10844 ^T / <i>P. grimontii</i> CIP 106645 ^T	94.9	Putative new species
FBF56	II	II	<i>P. synxantha</i> LMG 2335 ^T / <i>P. veronii</i> LMG 17761 ^T	93.2	II	<i>P. synxantha</i> LMG 2335 ^T	96	Putative new species
FBF57	X	X	<i>P. monteilii</i> ATCC 700476 ^T	99	X	<i>P. monteilii</i> ATCC 700476 ^T	98.9	<i>P. monteilii</i>
FBF58	VIII	VIII	<i>P. syringae</i> ATCC 19310 ^T	85.4	VIII	<i>P. meliae</i> CCUG 51503 ^T / <i>P. tremae</i> LMG 22121 ^T	91.7	Putative new species
FBF59	V	V	<i>P. rhodesiae</i> LMG 17764 ^T	91.7	V	<i>P. marginalis</i> ATCC 10844 ^T / <i>P. grimontii</i> CIP 106645 ^T	94.9	Putative new species
FBF60	VI-B	VI-B	<i>P. syringae</i> ATCC 19310 ^T	98.1	nd			<i>P. tremae</i>
FBF61	VI-A	VI-A	<i>P. syringae</i> ATCC 19310 ^T	97.1	nd			<i>P. syringae</i>
FBF62	VI-A	VI-A	<i>P. syringae</i> ATCC 19310 ^T	97.8	nd			<i>P. syringae</i>
FBF63	VI-D	VI-D	<i>P. syringae</i> ATCC 19310 ^T	99.7	nd			<i>P. syringae</i>
FBF64	I	I	<i>P. orientalis</i> DSM 17489 ^T	97.8	I	<i>P. orientalis</i> DSM 17489 ^T	97	<i>P. orientalis</i>
FBF65	IX	IX	<i>P. moraviensis</i> DSM 16007 ^T	94.1	IX	<i>P. koreensis</i> LMG 21318 ^T	96.8	Putative new species
FBF66	I	I	<i>P. orientalis</i> DSM 17489 ^T	97.8	nd			<i>P. orientalis</i>
FBF67	IX	IX	<i>P. moraviensis</i> DSM 16007 ^T	93.6	nd			Putative new species
FBF68	VI-B	VI-B	<i>P. syringae</i> ATCC 19310 ^T	98	nd			<i>P. tremae</i>

FBF69	VI-A	VI-A	<i>P. syringae</i> ATCC 19310 ^T	97.8	nd			<i>P. syringae</i>
FBF71	VI-C	VI-C	<i>P. syringae</i> ATCC 19310 ^T	97.1	nd			<i>P. tremae</i>
FBF72	VI-C	VI-C	<i>P. syringae</i> ATCC 19310 ^T	97.4	nd			<i>P. tremae</i>
FBF73	V	V	<i>P. rhodesiae</i> LMG 17764 ^T	91.7	nd			Putative new species
FBF74	VI-C	VI-C	<i>P. syringae</i> ATCC 19310 ^T	97.5	nd			<i>P. tremae</i>
FBF75	V	V	<i>P. rhodesiae</i> LMG 17764 ^T	91.7	nd			Putative new species
FBF77	VI-B	VI-B	<i>P. syringae</i> ATCC 19310 ^T	98.2	nd			<i>P. tremae</i>
FBF78	VI-B	VI-B	<i>P. syringae</i> ATCC 19310 ^T	98.2	nd			<i>P. tremae</i>
FBF79	VI-B	VI-B	<i>P. syringae</i> ATCC 19310 ^T	97.5	nd			<i>P. tremae</i>
FBF80	I	I	<i>P. orientalis</i> DSM 17489 ^T	97.8	nd			<i>P. orientalis</i>
FBF81	I	I	<i>P. orientalis</i> DSM 17489 ^T	97.8	nd			<i>P. orientalis</i>
FBF82	VI-F	VI-B	<i>P. syringae</i> ATCC 19310 ^T	98.2	nd			<i>P. tremae</i>
FBF83	VI-B	VI-B	<i>P. syringae</i> ATCC 19310 ^T	97.7	nd			<i>P. tremae</i>
FBF84	I	I	<i>P. orientalis</i> DSM 17489 ^T	97.8	I	<i>P. orientalis</i> DSM 17489 ^T	97	<i>P. orientalis</i>
FBF85	IX	IX	<i>P. moraviensis</i> DSM 16007 ^T	94.1	nd			Putative new species
FBF86	I	I	<i>P. orientalis</i> DSM 17489 ^T	97.8	I	<i>P. orientalis</i> DSM 17489 ^T	97	<i>P. orientalis</i>
FBF87	IX	IX	<i>P. moraviensis</i> DSM 16007 ^T	94.1	nd			Putative new species
FBF88	IX	IX	<i>P. moraviensis</i> DSM 16007 ^T	94.1	nd			Putative new species
FBF89	IX	IX	<i>P. moraviensis</i> DSM 16007 ^T	94	nd			Putative new species
FBF90	IX	IX	<i>P. moraviensis</i> DSM 16007 ^T	94.1	nd			Putative new species
FBF91	VI-F	VI-B	<i>P. syringae</i> ATCC 19310 ^T	98	nd			<i>P. tremae</i>

FBF92	IX	IX	<i>P. moraviensis</i> DSM 16007 ^T	94.1	IX	<i>P. koreensis</i> LMG 21318 ^T	96.8	Putative new species
FBF93	V	V	<i>P. rhodesiae</i> LMG 17764 ^T	91.7	V	<i>P. marginalis</i> ATCC 10844 ^T / <i>P. grimontii</i> CIP 106645 ^T	94.8	Putative new species
FBF95	I	I	<i>P. orientalis</i> DSM 17489 ^T	97.8	nd			<i>P. orientalis</i>
FBF96	IX	IX	<i>P. moraviensis</i> DSM 16007 ^T	94.1	IX	<i>P. koreensis</i> LMG 21318 ^T	96.8	Putative new species
FBF97	VI-B	VI-B	<i>P. syringae</i> ATCC 19310 ^T	98.2	nd			<i>P. tremae</i>
FBF98	VI-C	VI-C	<i>P. syringae</i> ATCC 19310 ^T	97.5	nd			<i>P. tremae</i>
FBF99	IX	IX	<i>P. moraviensis</i> DSM 16007 ^T	94.1	IX	<i>P. moraviensis</i> DSM 16007 ^T / <i>P. koreensis</i> LMG 21318 ^T	96.2	Putative new species
FBF100	VII	VII	<i>P. viridiflava</i> ATCC 13223 ^T	91.8	VII	<i>P. viridiflava</i> ATCC 13223 ^T	95.6	Putative new species
FBF101	X	X	<i>P. monteilii</i> ATCC 700476 ^T	94	X	<i>P. monteilii</i> ATCC 700476 ^T	96.2	Putative new species
FBF102	VIII	VIII	<i>P. syringae</i> ATCC 19310 ^T	85	VIII	<i>P. meliae</i> CCUG 51503 ^T	91.7	Putative new species
FBF103	VIII	VIII	<i>P. syringae</i> ATCC 19310 ^T	85.4	VIII	<i>P. meliae</i> CCUG 51503 ^T / <i>P. tremae</i> LMG 22121 ^T	91.6	Putative new species
FBF104	VI-A	VI-A	<i>P. syringae</i> ATCC 19310 ^T	97.5	nd			<i>P. syringae</i>
FBF105	X	X	<i>P. monteilii</i> ATCC 700476 ^T	94	X	<i>P. monteilii</i> ATCC 700476 ^T	96.6	Putative new species
FBF106	VI-B	VI-B	<i>P. syringae</i> ATCC 19310 ^T	98.2	nd			<i>P. tremae</i>
FBF107	VI-C	VI-C	<i>P. syringae</i> ATCC 19310 ^T	97.5	nd			<i>P. tremae</i>
FBF108	VI-C	VI-C	<i>P. syringae</i> ATCC 19310 ^T	97.5	nd			<i>P. tremae</i>
FBF109	VI-E	VI-E	<i>P. syringae</i> ATCC 19310 ^T	98	nd			<i>P. syringae</i>
FBF110	III	III	<i>P. simiae</i> OLI ^T	99.8	III	<i>P. simiae</i> OLI ^T	99.96	<i>P. simiae</i>
FBF111	VI-D	VI-D	<i>P. syringae</i> ATCC 19310 ^T	99.7	nd			<i>P. syringae</i>
FBF112	III	III	<i>P. simiae</i> OLI ^T	99.8	III	<i>P. simiae</i> OLI ^T	99.96	<i>P. simiae</i>
FBF113	VI-B	VI-B	<i>P. syringae</i> ATCC 19310 ^T	97.5	nd			<i>P. tremae</i>

FBF114	X	X	<i>P. monteilii</i> ATCC 700476 ^T	94	X	<i>P. monteilii</i> ATCC 700476 ^T	95.8	Putative new species
FBF115	VI-B	VI-B	<i>P. syringae</i> ATCC 19310 ^T	96.8	nd			<i>P. tremae</i>
FBF116	VI-B	VI-B	<i>P. syringae</i> ATCC 19310 ^T	97.1	nd			<i>P. tremae</i>
FBF117	VII	VII	<i>P. viridiflava</i> ATCC 13223 ^T	97.7	nd			<i>P. viridiflava</i>
FBF118	VI-C	VI-C	<i>P. syringae</i> ATCC 19310 ^T	97.5	nd			<i>P. tremae</i>
FBF119	VI-A	VI-A	<i>P. syringae</i> ATCC 19310 ^T	97.5	nd			<i>P. syringae</i>
FBF120	III	III	<i>P. simiae</i> OLI ^T	99.7	III	<i>P. simiae</i> OLI ^T	99.96	<i>P. simiae</i>
FBF121	III	III	<i>P. simiae</i> OLI ^T	99.8	nd			<i>P. simiae</i>
FBF122	VIII	VIII	<i>P. syringae</i> ATCC 19310 ^T	85.2	VIII	<i>P. meliae</i> CCUG 51503 ^T	91.6	Putative new species
FBF124	VI-B	VI-C	<i>P. syringae</i> ATCC 19310 ^T	97.8	VI	<i>P. tremae</i> LMG 22121 ^T	97.3	<i>P. tremae</i>
FBF125	VI-E	VI-E	<i>P. syringae</i> ATCC 19310 ^T	97.5	nd			<i>P. syringae</i>
FBF126	III	III	<i>P. simiae</i> OLI ^T	99.8	nd			<i>P. simiae</i>
FBF128	III	III	<i>P. simiae</i> OLI ^T	99.8	nd			<i>P. simiae</i>
FBF130	III	III	<i>P. simiae</i> OLI ^T	99.8	nd			<i>P. simiae</i>
FBF134	VI-C	VI-C	<i>P. syringae</i> ATCC 19310 ^T	97.5	nd			<i>P. tremae</i>
FBF135	VI-E	VI-E	<i>P. syringae</i> ATCC 19310 ^T	97.2	VI	<i>P. syringae</i> ATCC 19310 ^T	98.6	<i>P. syringae</i>
FBF136	VI-B	VI-C	<i>P. syringae</i> ATCC 19310 ^T	97.8	VI	<i>P. tremae</i> LMG 22121 ^T	97.3	<i>P. tremae</i>
FBF138	VI-D	VI-D	<i>P. syringae</i> ATCC 19310 ^T	99.7	VI	<i>P. syringae</i> ATCC 19310 ^T	99.3	<i>P. syringae</i>
FBF139	VI-B	VI-B	<i>P. syringae</i> ATCC 19310 ^T	98.2	nd			<i>P. tremae</i>
FBF140	nd	II	<i>P. synxantha</i> LMG 2335 ^T	85.4	nd			Putative new species
FBF141	nd	II	<i>P. synxantha</i> LMG 2335 ^T / <i>P. veronii</i> LMG 17761 ^T	92.5	nd			Putative new species
FBF142	nd	II	<i>P. synxantha</i> LMG 2335 ^T / <i>P. veronii</i> LMG 17761 ^T	92.5	nd			Putative new species

FBF143	nd	II	<i>P. veronii</i> LMG 17761 ^T	92	nd	Putative new species
FBF144	nd	II	<i>P. synxantha</i> LMG 2335 ^T / <i>P. veronii</i> LMG 17761 ^T	92.6	nd	Putative new species

nd, not determined