

Supplementary Table S1 Genomic information of strains in the phylogenetic tree

Strain	Genome ID	Assembly level	CDS	Type strain
<i>Erwinia amylovora</i> ATCC 15580	GCF_017161565.1	complete	3251	Yes
<i>Erwinia amylovora</i> CFBP 1232	GCF_000696075.1	contig	3285	Yes
<i>Erwinia aphidicola</i> JCM 21238	GCF_014773485.1	contig	4532	Yes
<i>Erwinia aphidicola</i> X001	GCF_024169515.1	contig	4522	Yes
<i>Erwinia billingiae</i> TH88	GCF_008728215.1	complete	4413	No
<i>Erwinia billingiae</i> Eb661	GCF_000196615.1	complete	4805	No
<i>Erwinia gerundensis</i> E_g_EM595	GCF_001517405.1	complete	3981	Yes
<i>Erwinia gerundensis</i> isolate A4	GCF_017815635.1	complete	3930	No
<i>Erwinia iniecta</i> B120	GCF_001267535.1	scaffold	4293	Yes
<i>Erwinia iniecta</i> B149	GCF_001267545.1	scaffold	4310	No
<i>Erwinia mallotivora</i> EP61	GCF_025388785.1	scaffold	4411	No
<i>Erwinia mallotivora</i> BT-MARDI	GCF_000590885.1	contig	4067	No
<i>Erwinia oleae</i> DAPP-PG531	GCF_000770305.1	contig	4382	Yes
<i>Erwinia persicina</i> B64	GCF_003485445.1	complete	4520	No
<i>Erwinia persicina</i> NBRC 102418	GCF_001571305.1	contig	4467	Yes
<i>Erwinia phyllosphaerae</i> CMYE1	GCF_019132875.1	contig	4221	Yes
<i>Erwinia piriflorinigrans</i> CFBP 5888	GCF_001050515.1	contig	3480	Yes
<i>Erwinia psidii</i> IBSBF 435	GCF_003846135.1	scaffold	3885	Yes
<i>Erwinia pyrifoliae</i> DSM 12163	GCF_000026985.1	chromosome	3504	Yes
<i>Erwinia pyrifoliae</i> Ep1/96	GCF_000027265.1	complete	3523	Yes
<i>Erwinia rhapontici</i> BIGb0389	GCF_024807835.1	scaffold	4976	No
<i>Erwinia rhapontici</i> BY21311	GCF_020683125.1	complete	4621	No
<i>Erwinia tasmaniensis</i> Et1/99	GCF_000026185.1	complete	3570	Yes
<i>Erwinia toletana</i> WS4403	GCF_017875465.1	contig	4743	No
<i>Erwinia toletana</i> DAPP-PG 735	GCF_000336255.1	scaffold	4740	No
<i>Erwinia tracheiphila</i> BuffGH	GCF_021365505.1	complete	4215	No
<i>Erwinia tracheiphila</i> MDcuke	GCF_003568535.1	complete	4460	No
<i>Erwinia typographi</i> M043b	GCF_000773975.1	contig	5362	No
<i>Herbaspirillum seropedicae</i> Z67	GCF_001040945.1	complete	4768	Yes