

Supplementary Table 2. Identification of selected isolates from infected apple trees based on three different techniques

Isolates	Identification	ID		
		MIDI	BIOLOG	16S rRNA
WSPS004	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.68	0.46	0.99
WSPS007	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.63	0.86	0.99
WSPS008	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.67	0.87	1.00
WSPS009	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.72	0.8	0.99
WSPS010	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.68	0.77	0.99
WSPS011	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.62	0.36	0.99
WSPS015	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.66	0.58	0.99
WSPS016	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.71	0.11	-
WSPS019	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.68	0.85	0.99
WSPS020	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.7	0.81	0.99
WSPS023	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.75	0.86	0.99
WSPS025	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.71	0.8	0.99
WSPS026	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.74	0.71	0.99
WSPS028	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.69	0.64	1.00
WSPS029	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.58	0.81	1.00
WSPS030	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.48	0.7	0.99
WSPS031	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.77	0.47	0.99
WSPS032	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.71	0.01	0.99
WSPS034	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.75	0.12	0.99
WSPS035	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.62	0.76	0.99
WSPS036	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.74	0.58	0.99
WSPS037	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.57	0.82	0.99
WSPS038	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.59	0.71	0.99
WSPS039	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.68	0.46	0.99
WSPS040	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	-	0.85	0.99
WSPS041	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.68	0.38	0.99
WSPS042	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.56	0.69	0.99
WSPS043	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.56	-	0.99
WSPS044	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.76	0.87	0.99
WSPS046	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.79	0.88	0.99
WSPS047	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.75	0.83	0.99
WSPS048	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.72	0.63	0.99
WSPS050	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.78	0.82	0.99
SHPS005	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.9	0.62	0.99
SHPS007	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.91	0.76	0.99
SHPS008	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.94	-	0.99
SHPS013	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.68	0.81	0.99
SHPS014	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.9	0.78	0.99
SHPS016	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.88	0.42	0.99
SHPS021	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.89	0.82	0.99
SHPS022	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.86	0.87	0.99
SHPS025	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.62	0.8	0.99

SHPS036	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.05	0.59	0.99
SHPS038	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.44	0.75	0.99
SHPS039	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.48	0.13	0.99
SHPS042	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.48	0.76	1.00
SHPS044	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.48	0.25	0.99
SHPS045	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.26	0.73	0.99
SHPS056	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.7	-	0.99
SHPS057	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	0.64	0.73	0.99

-, not determined.

Supplementary Table 3. Pathogenicity assay of the selected *Pss* isolates from infected apple trees using plate assay

Isolates	Identification	Disease severity (%) ^a
WSPS004	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS007	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	+++
WSPS008	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS009	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS010	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	+++
WSPS011	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS015	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS016	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS019	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	+
WSPS020	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	+
WSPS023	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	+
WSPS025	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS026	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS028	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS029	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS030	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS031	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS032	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS034	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS035	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS036	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS037	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS038	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS039	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS040	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS041	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS042	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS043	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	++
WSPS044	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	+
WSPS046	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	+
WSPS047	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	+