

Table S1. Identified bacterial isolates from plant species by 16S RNA sequence analysis and their taxonomic status.

Phylum	Class	Order	Family	Species	GenBank ID	Number of isolates
Actinobacteria	Actinomycetes	Micrococcales	Microbacteriaceae	<i>Microbacterium foliorum</i>	NR_025368.1	1
.	.		Micrococcaceae	<i>Glutamicibacter arilaitensis</i>	NR_074608.1	3
.	.			<i>Glutamicibacter mishrai</i>	NR_169398.1	1
.	.			<i>Paenarthrobacter nitroguajacolicus</i>	NR_027199.1	8
.	.			<i>Pseudarthrobacter siccitolerans</i>	NR_108849.1	3
.	.	Kitasatosporales	Streptomycetaceae	<i>Streptomyces praecox</i>	NR_115437.1	1
.	.			<i>Streptomyces sparsus</i>	NR_114938.1	1
Firmicutes	Bacilli	Bacillales	Bacillaceae	<i>Bacillus aerius</i>	NR_118439.1	1
				<i>Bacillus altitudinis</i>	NR_042337.1	8
				<i>Bacillus amyloliquefaciens</i>	NR_041455.1	2
				<i>Bacillus anthracis</i>	MN330338.1	2
				<i>Bacillus atrophaeus</i>	NR_024689.1	44
				<i>Bacillus cereus</i>	NR_074540.1	2
				<i>Bacillus halotolerans</i>	NR_115063.1	14
				<i>Bacillus haynesii</i>	NR_157609.1	4
				<i>Bacillus inaquosorum</i>	NR_104873.1	7
				<i>Bacillus mobilis</i>	NR_157731.1	1
				<i>Bacillus mojavensis</i>	NR_024693.1	5
				<i>Bacillus mycoides</i>	MN710449.1	2
				<i>Bacillus paramycoides</i>	NR_157734.1	2
				<i>Bacillus proteolyticus</i>	NR_157735.1	12
				<i>Bacillus pseudomycoides</i>	NR_113991.1	2
				<i>Bacillus pumilus</i>	NR_043242.1	32
				<i>Bacillus safensis</i>	NR_113945.1	99
				<i>Bacillus spizizenii</i>	NR_112686.1	1
				<i>Bacillus stercoris</i>	MW828060.1	8
				<i>Bacillus subtilis</i>	MT509759.1	3
				<i>Bacillus tequilensis</i>	NR_104919.1	15
				<i>Bacillus thuringiensis</i>	NR_043403.1	1
				<i>Bacillus toyonensis</i>	NR_121761.1	1
				<i>Bacillus velezensis</i>	NR_075005.2	4
				<i>Bacillus wiedmannii</i>	NR_152692.1	15
				<i>Bacillus xiamenensis</i>	NR_148244.1	1
				<i>Bacillus zhangzhouensis</i>	NR_148786.1	3
				<i>Cytobacillus firmus</i>	NR_112635.1	1
.				<i>Peribacillus frigoritolerans</i>	NR_115064.1	6

.				<i>Priestia aryabhattai</i>	NR_115953.1	3
.				<i>Priestia endophytica</i>	NR_025122.1	15
			Unknown	<i>Exiguobacterium sibiricum</i>	NR_075006.1	1
.			Caryophanaceae	<i>Planococcus glaciei</i>	NR_044384.1	1
.				<i>Planococcus kocurii</i>	NR_113815.1	1
.				<i>Solibacillus silvestris</i>	NR_028865.1	1
.				<i>Sporosarcina psychrophila</i>	NR_113752.1	1
.			Staphylococcaceae	<i>Staphylococcus succinus</i> subsp. <i>succinus</i>	NR_028667.1	2
Proteobacteria	γ-proteobacteria	Enterobacteriaceae	Erwiniaceae	<i>Erwinia persicina</i>	NR_114078.1	3
.		Lysobacterales	Lysobacteraceae	<i>Stenotrophomonas chelatiphaga</i>	NR_116366.1	1
.				<i>Stenotrophomonas rhizophila</i>	NR_121739.1	1
.		Moraxellales	Moraxellaceae	<i>Psychrobacter alimentarius</i>	NR_025798.1	1
		Pseudomonadales	Pseudomonadaceae	<i>Pseudomonas asturiensis</i>	NR_108461.1	5
				<i>Pseudomonas azotoformans</i>	NR_113600.1	4
				<i>Pseudomonas baetica</i>	NR_116899.1	2
				<i>Pseudomonas brassicacearum</i> subsp. <i>neaurantiaca</i>	NR_116299.1	3
				<i>Pseudomonas canadensis</i>	NR_156852.1	6
				<i>Pseudomonas cedrina</i>	NR_024912.1	6
				<i>Pseudomonas fluorescens</i>	LR134318.1	2
				<i>Pseudomonas frederiksbergensis</i>	NR_117177.1	6
				<i>Pseudomonas kairouanensis</i>	PP177503.1	2
				<i>Pseudomonas kilonensis</i>	NR_028929.1	7
				<i>Pseudomonas migulae</i>	NR_114223.1	1
				<i>Pseudomonas orientalis</i>	CP027724.1	29
				<i>Pseudomonas poae</i>	NR_028986.1	2
				<i>Pseudomonas punonensis</i>	NR_109583.1	7
				<i>Pseudomonas reidholzensis</i>	NR_157777.1	1
				<i>Pseudomonas trivialis</i>	NR_028987.1	1
				<i>Pseudomonas viridiflava</i>	NR_117825.1	1
