

Supplementary Table S4: Growth abilities of *Bradyrhizobium* strains examined in this study.

Growth abilities	<i>B. oropedii</i>				<i>B. acaciae</i>				<i>B. brasilense</i>				<i>B. ivorense</i>	<i>B. altum</i>
	Pear128	Pear129	Pear76 ^T	Leo176	19AH	19AJ	10BB ^T	16BA no1	Arg62	R5	Cham227	Cham231	Arg68	Pear77 ^T
Size (µm)	1.89 x 0.47	1.86 x 0.36	2.04 x 0.69	2 x 0.39	2.93 x 0.83	3.49 x 0.74	1.50 x 0.48	1.50 x 0.55	2.99 x 0.83	2.42 x 0.74	1.59 x 0.46	1.89 x 0.39	2.37 x 0.69	1.29 x 0.49
Temperature range (°C)	20-35	15-35	15-35	15-35	20-37	20-37	10-40	10-40	15-37	15-37	10-37	10-37	10-37	15-30
pH range	5-10	5-10	5-9	5-10	5-10	5-10	5-10	5-10	4-10	5-10	6-10	6-10	4-10	5-10
NaCl tolerance (w/v %)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<1.0	<0.5	<1.0	<0.5	<0.5	<2.0
Motility	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Antibiotic resistance:														
Ampicillin (10 µg/ml)	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erythromycin (30 µg/ml)	+	+	-	-	+	+	+	+	+	+	+	+	+	-
Penicillin (10 µg/ml)	+	+	+	+	+	-	+	+	+	+	+	+	+	+
Tetracyclin (30 µg/ml)	+	+	+	+	+	+	-	+	+	+	+	+	+	-
Gentamicin (10 µg/ml)	-	+	+	+	+	-	+	-	+	+	+	-	-	+
Neomycin (10 µg/ml)	-	+	+	+	+	-	+	+	+	+	+	-	-	+
Kanamycin (30 µg/ml)	-	+	-	-	+	+	+	-	-	+	-	-	-	-
Streptomycin (10 µg/ml)	-	+	+	+	+	-	+	-	+	+	-	-	-	-
Streptomycin (25 µg/ml)	-	+	-	-	+	+	+	+	+	+	+	+	+	-
Chloramphenicol (30 µg/ml)	+	+	+	+	+	-	+	+	+	+	+	+	+	+

Antibiotic resistance results are recorded as ‘-’ indicating susceptibility and ‘+’, indicating resistance to antibiotics used in this study.