

Table S1. Total viable counts of endophytic bacterial population ($\times 10^3$ cfu/g tissue) from Moso bamboo shoots on different growth media.

Plant Tissue	Bacterial Growth Medium	S1	S2	S3
Bamboo Shoot Top(T)	LB	0.1	1.81	4.36
	R2A	0.07	1.60	3.39
Bamboo Shoot Base(B)	LB	0.86	5.20	10.56
	R2A	0.64	5.34	10.11
Bamboo Shoot Roots(R)	LB	2.72	6.63	14.11
	R2A	2.21	7.66	16.78

Table S2. Characterization of endophytic bacteria according to PGP traits. “-” indicates negative for the test; “+” indicates positive for the test, and the number of “+” reflects the size of the water circle.

	Accession numbers	NF	IP	OP	Si Production	PRO	SMA	ACC deaminase	IAA Production
Serratia surfactantfaciens BD20	OR533977	+	++	++	++	-	-	-	+
Burkholderia pyrrhocinia BD24- 2	OR533978	+++	+	++	+++	+	-	+	+
Pseudomonas edaphica BD37- 2B	OR533979	+	++	++	++	+	-	-	+
Pseudomonas edaphica BD38A	OR533980	+	++	++	++	+	-	-	-
Pseudomonas edaphica BD39-1	OR533981	+	++	++	++	+	-	-	-
Pseudomonas edaphica BD40	OR533982	+	++	++	++	+	+	-	-
Serratia marcescens BG37	OR533983	+++	+	++	+	-	-	-	+
Burkholderia pyrrhocinia BG41	OR533984	+	++	++	++	-	-	-	+
Pantoea endophytica TG18	OR533985	++	+++	++	+++	-	-	-	-
Collimonas arenae TG19	OR533986	+++	+	+	+	-	-	-	-
Pseudomonas rhodesiae RD7-4	OR533987	+	+++	+++	+	+	-	-	+
Pseudomonas edaphica TD33-1	OR533988	+	++	++	-	+	-	-	+

