

**Table S1.** Isolation frequency and plant growth promoting traits of the bacterial strains obtained from the peloton-containing root slices. Results are means  $\pm$  standard deviation. The same letter in each column is not significantly different according to Tukey's multiple range test ( $p < 0.05$ )

Bacterial Strain	Frequency	Phosphate Solubilization Index	Siderophore Production <sup>1</sup>	Indole Acetic Acid Production <sup>2</sup>
CM01	0.07	1.505 $\pm$ 0.09 <sup>a</sup>	0.657 $\pm$ 0.14 <sup>a</sup>	5.612 $\pm$ 0.53 <sup>bc</sup>
GL01	0.10	1.230 $\pm$ 0.13 <sup>cd</sup>	ND	6.716 $\pm$ 0.83 <sup>ab</sup>
CG01	0.06	ND	ND	ND
CB01	0.04	1.207 $\pm$ 0.08 <sup>cd</sup>	ND	1.474 $\pm$ 0.24 <sup>def</sup>
CC01	0.07	1.136 $\pm$ 0.06 <sup>d</sup>	ND	0.799 $\pm$ 0.13 <sup>f</sup>
CC02	0.08	ND	0.131 $\pm$ 0.02 <sup>c</sup>	ND
CC03	0.07	1.196 $\pm$ 0.06 <sup>cd</sup>	0.343 $\pm$ 0.12 <sup>b</sup>	1.723 $\pm$ 0.28 <sup>def</sup>
CC04	0.07	1.349 $\pm$ 0.06 <sup>abc</sup>	ND	1.071 $\pm$ 0.23 <sup>ef</sup>
GL02	0.05	1.189 $\pm$ 0.10 <sup>cd</sup>	ND	7.437 $\pm$ 0.99 <sup>a</sup>
GA01	0.05	1.223 $\pm$ 0.07 <sup>cd</sup>	ND	2.031 $\pm$ 0.34 <sup>de</sup>
GA02	0.09	1.227 $\pm$ 0.07 <sup>cd</sup>	ND	6.117 $\pm$ 1.28 <sup>bc</sup>
GA03	0.07	1.291 $\pm$ 0.10 <sup>bcd</sup>	ND	1.869 $\pm$ 0.28 <sup>def</sup>
CM02	0.08	1.405 $\pm$ 0.24 <sup>ab</sup>	ND	ND
CM03	0.06	1.227 $\pm$ 0.07 <sup>cd</sup>	ND	5.507 $\pm$ 1.57 <sup>c</sup>
CM04	0.04	1.238 $\pm$ 0.09 <sup>cd</sup>	ND	2.505 $\pm$ 0.41 <sup>d</sup>

<sup>1</sup> mm day<sup>-1</sup>; <sup>2</sup>  $\mu$ g mL<sup>-1</sup>.

**Table S2.** Assessment of the inhibition potential of the isolated bacterial strains on the growth of potential plant fungal pathogens. Number between parenthesis refer to the percentage of inhibition area.

Bacteria I strain	<i>Phoma</i> sp.	<i>Ulocladium</i> Consortiale	<i>Fusarium</i> sp.	<i>Botrytis</i> <i>Cinerea</i>	<i>Alternaria</i> <i>Infectoria</i>	<i>Ceratobasidium</i> sp.
CM01	+ (25 %)	+ (20 %)	+ (10 %)	- (ND)	+ (20 %)	+ (5 %)
GL01	- (ND)	- (ND)	- (ND)	- (ND)	- (ND)	- (ND)
CG01	- (ND)	- (ND)	- (ND)	- (ND)	- (ND)	- (ND)
CB01	+ (10 %)	+ (10 %)	+ (5 %)	- (ND)	+ (5 %)	- (ND)
CC01	+ (15 %)	+ (5 %)	+ (10 %)	- (ND)	+ (5 %)	- (ND)
CC02	+ (20 %)	+ (20 %)	+ (15 %)	- (ND)	+ (10 %)	- (5 %)
CC03	- (ND)	- (ND)	- (ND)	- (ND)	- (ND)	- (ND)
CC04	- (ND)	- (ND)	- (ND)	- (ND)	- (ND)	- (ND)
GL02	- (ND)	- (ND)	- (ND)	- (ND)	- (ND)	- (ND)
GA01	+ (10 %)	+ (5 %)	+ (5 %)	- (ND)	+ (10 %)	- (ND)
GA02	- (ND)	- (ND)	- (ND)	- (ND)	- (ND)	- (ND)
GA03	+ (10 %)	+ (5 %)	+ (5 %)	- (ND)	+ (5 %)	- (ND)
CM02	+ (5 %)	+ (10 %)	+ (10 %)	- (ND)	+ (10 %)	- (ND)
CM03	- (ND)	- (ND)	- (ND)	- (ND)	- (ND)	- (ND)
CM04	- (ND)	- (ND)	- (ND)	- (ND)	- (ND)	- (ND)

ND = not detected.