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| Title                       | Impact of plant growth-promoting rhizobacteria on root colonization potential and life cycle of <i>Rhizophagus irregularis</i> following co-entrapment in alginate beads.  |
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# UCC

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## Supporting information:

**Table S1.** List of PGPR isolates used for entrapment with *R. irregularis* MUCL 41833.

| Isolate origin <sup>a</sup> | Identity                    | Similarity (%) | Code in BCCM     | Biocontrol <sup>b</sup> |                     | Plant growth promotion <sup>c</sup> |                               |     |
|-----------------------------|-----------------------------|----------------|------------------|-------------------------|---------------------|-------------------------------------|-------------------------------|-----|
|                             |                             |                |                  | <i>R. solani</i>        | <i>P. infestans</i> | IAA                                 | PO <sub>4</sub> <sup>3-</sup> | ACC |
| <b>EC4-20</b>               | <i>P. extremaustralis</i>   | 99,8           | <b>R-49547</b>   | 9.64                    | 86.75               | -                                   | 0                             | 60  |
| <b>EC4-21</b>               | <i>P. granadensis</i>       | 99,2           | <b>R-67095</b>   | 4.82                    | 78.71               | 97.6                                | 1                             | 60  |
| <b>EC1-2</b>                | <i>P. plecoglossicida</i>   | 98,9           | <b>R-67094</b>   | 38.55                   | 25.3                | 74.79                               | 3                             | 40  |
| <b>EC3-6</b>                | <i>Serratia</i> sp.         | 99,8           | <b>R-67091</b>   | 57.83                   | 40.36               | -                                   | 2                             | 20  |
| <b>LMG 24415</b>            | <i>B. amyloliquefaciens</i> | nd             | <b>LMG 24415</b> | 60                      | 75                  | nd                                  | nd                            | nd  |
| <b>LMG 24418</b>            | <i>B. subtilis</i>          | nd             | <b>LMG 24418</b> | 65                      | 75                  | nd                                  | nd                            | nd  |
| <b>LMG 24423</b>            | <i>B. subtilis</i>          | nd             | <b>LMG 24423</b> | 80                      | 80                  | nd                                  | nd                            | nd  |