

Peer Review

Review of: "Isolation of a Novel Plant Growth-Promoting *Dyella* sp. from Danish Natural Soil"

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Comments to authors

The manuscript entitled "Isolation of a Novel Plant Growth Promoting *Dyella* sp. from Danish Natural Soil" documented the PGP potential of *Dyella* sp. isolated from natural soil. I found the work interesting, but I have a few questions for the authors.

1. The authors first grew *Arabidopsis thaliana* in sterilized soil, collected from an alder swamp, and then isolated bacterial cultures. Why did they not directly isolate the cultures from the roots of native plants or soil from this natural site? I hope they could have found more microbial diversity.
2. The authors analysed the whole genome sequence of *Dyella* sp. and found genes associated with plant growth promoting traits. Why did the authors not confirm these traits by performing their specific assays, such as IAA production, P and K solubilization, and others?
3. The authors clubbed all the images under Figure 1. But I advise the authors to separate them into 2 or 3 for better resolution.

Declarations

Potential competing interests: No potential competing interests to declare.