

## Genus *Ectomicrobium*

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### Etymology

[Ec.to.mi.cro'bi.um] Gr. adv. *ektos*, outside, external; N.L. neut. n. *microbium*, microbe; N.L. neut. n. *Ectomicrobium*, a microbe that occurs on the outside (of another organism).

### Nomenclatural type

Species *Ectomicrobium neotermitis*<sup>T5</sup>

### Description

A bacterial genus defined by metagenome-assembled genomes. The genus is defined by phylogenomic analysis as a monophyletic group that shows a relative evolutionary divergence (RED) similar to that of the neighboring genera.

### Classification

*Bacteria* » *Elusimicrobiota* » *Endomicrobiia* » *Endomicrobiales* » *Endomicrobiaceae* » *Ectomicrobium*

### References

Effective publication: Mies et al., 2024 [1]

### Registry URL

<https://seqco.de/i:24026>

## References

1. Mies et al. (2024). Genome reduction and horizontal gene transfer in the evolution of Endomicrobia—rise and fall of an intracellular symbiosis with termite gut flagellates. *mBio*. DOI:10.1128/mbio.00826-24