

Genus *Oesbybacterium*

Etymology

[oes.by.bac.te'ri.um] **Danish n.** *Oesby*, Danish parish; **N.L. neut. n.** *bacterium*, a bacterium; **N.L. neut. n.** *Oesbybacterium*, Microbe named after the Danish parish of Oesby, near which the genome of the type species was recovered.

Nomenclatural type

Species *Oesbybacterium simile*^{Ts}

Description

Genus established on the basis of phylogenomic comparisons to GTDB R226 and 16S rRNA classifications to Silva 138.2. Formerly known as genus PALSA-600 in GTDB R226. The description of the genus is the same as for its type species *Oesbybacterium simile*.

Classification

Bacteria » *Actinomycetota* » *Rubrobacteria* » *Gaiellales* » *Gaiellaceae* » *Oesbybacterium*

References

Effective publication: Sereika et al., 2025 [1]

Registry URL

<https://seqco.de/i:53178>

References

1. Sereika et al. (2025). Genome-resolved long-read sequencing expands known microbial diversity across terrestrial habitats. *Nature Microbiology*. [DOI:10.1038/s41564-025-02062-z](https://doi.org/10.1038/s41564-025-02062-z)