

## Class *Loejtimicrobiia*

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### Etymology

[loej.ti.mi.cro.bi'i.a] **N.L. neut.** *Loejtimicrobium*, the type genus of the class; **L. neut. pl. suff.** -*ia*, ending to denote a class; **N.L. neut. pl. suff.** *Loejtimicrobiia*, the Loejtimicrobium class

### Nomenclatural type

Genus *Loejtimicrobium*

### Description

Class established on the basis of phylogenomic comparisons to GTDB R226. Formerly known as class MSB-5A5 in GTDB R226. The description of the class is the same as for the order *Loejtimicrobiales*. The type genus is *Loejtimicrobium*.

### Classification

*Bacteria* » “Zixiibacteriota” » *Loejtimicrobiia*

### References

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

### Registry URL

<https://seqco.de/i:54580>

## 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