

## Species *Endomicrobiellum basalitermitum*

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### Etymology

[ba.sa.li.ter'mi.tum] L. adj. *basalis*, basal; L. masc. n. *termes*, a woodworm, termite; N.L. gen. masc. pl. n. *basalitermitum*, of lower (basal) termites.

### Nomenclatural type

[NCBI Assembly: GCA\\_031282525.1](#)<sup>TS</sup>

### Description

A bacterial species identified by metagenome-assembled genomes. The species includes all bacteria with genomes that show an average nucleotide identity (ANI) of  $\geq 95\%$  to the type genome. The GC content of the type genome is 30.8 mol% and the estimated genome size is 0.8 Mbp.

### Classification

*Bacteria* » *Elusimicrobiota* » *Endomicrobiia* » *Endomicrobiales* » *Endomicrobiaceae* » *Endomicrobiellum* » *Endomicrobiellum basalitermitum*

### References

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

### Registry URL

<https://seqco.de/i:32913>

## 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](https://doi.org/10.1128/mbio.00826-24)