

## Species *Methanarmilla wolinii*<sup>TS</sup>

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### Etymology

[wo.lin'i.i.] N.L. gen. masc. n. *wolinii*, of Wolin, named in honor of Meyer J. Wolin for his singular contributions to the physiological understanding of the role of methanogens and interspecies hydrogen transfer in anaerobic habitats

### Nomenclatural type

[NCBI Assembly: GCF\\_000621965.1](#)<sup>TS</sup>

### Reference Strain

SH = [ATCC BAA-1170](#) = [DSM 11976](#)

### Description

Coccobacillus with slightly tapered or rounded ends, about 0.6 µm in width and 1.0–1.4 µm in length, occurring in pairs or short chains. Gram-positive. Cell walls are composed of pseudomurein. Cells are resistant to lysis by SDS. Optimum temperature 37 °C. Optimum pH 7 (as in [Miller, Lin, 2002](#)). The G+C content of the type genome is 24.2 mol%, and the genome size is 2.04 Mbp.

### Classification

*Archaea* » *Methanobacteriota* » *Methanobacteria* » *Methanobacteriales* » *Methanobacteriaceae* » *Methanarmilla* » *Methanarmilla wolinii*<sup>TS</sup>

### References

Effective publication: Protasov et al., 2023 [1]

### Registry URL

<https://seqco.de/i:32440>

## References

1. Protasov et al. (2023). Diversity and taxonomic revision of methanogens and other archaea in the intestinal tract of terrestrial arthropods. *Frontiers in Microbiology*. [DOI:10.3389/fmicb.2023.1281628](https://doi.org/10.3389/fmicb.2023.1281628)