

Species *Methanocatella oralis*

Etymology

[o.ra'lis] L. fem. adj. *oralis*, pertaining to the mouth

Nomenclatural type

[NCBI Assembly: GCF_001639275.1](#) ^{TS}

Reference Strain

ZR = [DSM 7256](#) = [JCM 30027](#)

Description

Cells are short, oval rods with tapered ends, 0.4–0.5 µm in width and 0.7–1.2 µm in length, occurring most frequently in pairs or short chains. Cells give a Gram-positive reaction when less than 4 d old. Ultrathin sections show a tristratified cell wall that is highly invaginated. Nonmotile (as in Miller, 2015). The G+C content of the type genome is 27.7 mol%, and the genome size is 2.14 Mbp.

Classification

Archaea » *Methanobacteriota* » *Methanobacteria* » *Methanobacteriales* » *Methanobacteriaceae* » *Methanocatella* » *Methanocatella oralis*

References

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

Registry URL

<https://seqco.de/i:32436>

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)