

Species *Methanolapillus africanus*

Etymology

[a.fri.ca'nus] L. masc. adj. *africanus*, pertaining to Africa

Nomenclatural type

[NCBI Assembly: GCA_032714475.1](#)^{TS}

Reference Strain

[DSM 115569](#) = [JCM 39381](#)

Description

Irregular cocci cells, 1–2 µm in diameter, non-motile. Use methanol and methylamines as methanogenesis substrates together with hydrogen. Requires acetate, yeast extract, Casamino acids, and coenzyme M. The optimum temperature is 37 °C. The G+C content of the type genome is 44.4%, and the estimated genome size is 2.10 Mbp.

Classification

Archaea » *Methanobacteriota* » "Methanomicrobia" » *Methanosarcinales* » *Methanosarcinaceae* » *Methanolapillus* » *Methanolapillus africanus*

References

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

Registry URL

<https://seqco.de/i:32602>

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)