

Species *Methanarmilla boviskoreani*

Etymology

[bo.vis.ko.re.a'ni] L. gen. n. *bovis*, cattle; N.L. masc. adj. *koreanus*, Korean; N.L. gen. masc. / fem. n. *boviskoreani*, of Korean cattle

Nomenclatural type

[NCBI Assembly: GCF_000320505.1](#)^{Ts}

Reference Strain

JH1 = [DSM 25824](#) = [JCM 18376](#) = [KCTC 4102](#)

Description

Cells stain Gram-positive, occur singly or in pairs or chains and are rod-shaped (1.5–1.8 µm). Cells are non-motile. The optimum pH and temperature for growth are pH 6.5–7.0 and 37–40 °C. The maximum salt (NaCl) tolerance for growth is 0.5 M (as in Lee et al., 2013). The G+C content of the type genome is 28.9 mol%, and the genome size is 2.04 Mbp.

Classification

Archaea » *Methanobacteriota* » *Methanobacteria* » *Methanobacteriales* » *Methanobacteriaceae* » *Methanarmilla* » *Methanarmilla boviskoreani*

References

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

Registry URL

<https://seqco.de/i:32441>

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