Species *Methanoglobus hypatiae*[Ts]

Etymology

[hy.pa'ti.ae] **N.L. gen. n.** *hypatiae*, of Hypatia, to honor Hypatia of Alexandria, a respected and renowned philosopher of ancient Alexandria, Egypt, who made significant contributions to the understanding of mathematics and astronomy. A symbol of intellectual courage and scholarly achievement.

Nomenclatural type

NCBI Assembly: GCA_036867765.1 [Ts]

Description

Strain LCB24, is named in honor of Hypatia of Alexandria, a respected and renowned philosopher of ancient Alexandria, Egypt, who made significant contributions to the understanding of mathematics and astronomy. A symbol of intellectual courage and scholarly achievement. This archaeon was cultured from an unnamed hot spring in the Lower Culex Basin of Yellowstone National Park identified as feature LCB024. This archaeon is an obligately anaerobic thermophile that performs methylotrophic methanogenesis using methylamines and grows as regular to irregular coccoid cells approximately 0.5 to 1 µm in width.

Classification

Archaea » *Methanobacteriota* » *Archaeoglobi* » *Archaeoglobales* » *Archaeoglobaceae* » *Methanoglobus* » *Methanoglobus hypatiae*[Ts]

References

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

Registry URL

https://seqco.de/i:55875

References

1. Lynes et al. (2024). Methylotrophic methanogenesis in the *Archaeoglobi* revealed by cultivation of *Ca.* Methanoglobus hypatiae from a Yellowstone hot spring. *The ISME Journal*. DOI:10.1093/ismejo/wrae026