

Genus *Nanoclepta*

Etymology

[Na.no.clep'ta] Gr. masc. n. *nanos*, a dwarf; Gr. masc. n. *kleptes*, a thief; N.L. masc. n. *Nanoclepta*, a small thief, a small organism that steals from its host

Nomenclatural type

Species *Nanoclepta minutus*^{Ts}

Description

Obligate ectosymbiont that lives on the surface of archaeal host cells. Cultivated under anaerobic, near-neutral (pH 6.0) conditions. Hyperthermophile, with best growth observed at 80-85°. Isolated in co-culture with archaeal hosts from hot springs. The type species is *Nanoclepta minutus*.

Classification

Archaea » *Nanobdellota* » *Nanobdellia* » *Nanobdellales* » *Nanobdellaceae* » *Nanoclepta*

References

Effective publication: St. John et al., 2019 [1]

Registry URL

<https://seqco.de/i:23585>

References

1. St. John et al. (2019). A new symbiotic nanoarchaeote (Candidatus *Nanoclepta minutus*) and its host (*Zestosphaera tikiterensis* gen. nov., sp. nov.) from a New Zealand hot spring. *Systematic and Applied Microbiology*. DOI:10.1016/j.syapm.2018.08.005