

Nucleicultrix gen. nov. and Nucleicultrix amoebiphila sp. nov.

Submitted by Chuvochina, Maria

Genus *Nucleicultrix*

Etymology

[Nu.cle.i.cul'trix] L. **masc. n.** *nucleus*, a little nut and in biology, a nucleus; L. **fem. n.** *cultrix*, inhabitant; N.L. **fem. n.** *Nucleicultrix*, inhabitant of the nucleus

Nomenclatural type

Species *Nucleicultrix amoebiphila*^{Ts}

Description

The description is the same as given for the type species (see Schulz et al., 2014).

Classification

Bacteria » *Pseudomonadota* » *Alphaproteobacteria* » “Caedimonadales” » “Nucleicultricaceae” » *Nucleicultrix*

References

Proposed: Schulz et al., 2014

Registry URL

<https://seqco.de/i:31951>

Species *Nucleicultrix amoebiphila*^{Ts}

Etymology

[a.moe.bi'phi.la] N.L. **fem. n.** *amoeba*, an amoeba; N.L. **fem. adj. suff.** *-phila*, friend, loving; N.L. **fem. adj.** *amoebiphila*, amoeba-loving

Nomenclatural type

[NCBI Assembly: GCA_002117145.1](#)^{Ts}

Description

The description is the same as given by (Schulz et al., 2014). Briefly, the organism is a intranuclear symbiont of amoebae (*Hartmannella* sp.) with coccoid-shaped cells with a length of 0.5–1 µm, a diameter of 0.3–0.4 µm and a Gram-negative-type cell wall.

Classification

Bacteria » *Pseudomonadota* » *Alphaproteobacteria* » “Caedimonadales” » “Nucleicultricaceae” » *Nucleicultrix* » *Nucleicultrix amoebiphila*^{Ts}

References

Proposed: Schulz et al., 2014

Registry URL

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References

1. Schulz et al. (2014). Life in an unusual intracellular niche: a bacterial symbiont infecting the nucleus of amoebae. *The ISME Journal*. DOI:10.1038/ismej.2014.5

Register List Certificate of Validation

On behalf of the *Committee on the Systematics of Prokaryotes Described from Sequence Data* (SeqCode Committee), we hereby certify that the Register List seqco.de/r:q5gjvsma submitted by **Chuvochina, Maria** and including 2 new names has been successfully validated.

Date of Priority: 2023-07-11 09:32 UTC

DOI: 10.57973/seqcode.r:q5gjvsma

