

Hepatoplasma crinochetorum sp. nov. and Hepatoplasma gen. nov.

Submitted by Chuvochina, Maria

Genus *Hepatoplasma*

Etymology

[He.pa.to.plas'ma] Gr. n. *hepar*, *hepatos*, liver; Gr. neut. n. *plasma*, anything formed or moulded, image, figure; N.L. neut. n. *Hepatoplasma*, a form from the liver

Nomenclatural type

Species *Hepatoplasma crinochetorum*^{Ts}

Description

The description is the same as given to the type species by Wang et al. (2004).

Classification

Bacteria » *Mycoplasmata* » *Mollicutes* » *Mycoplasmatales* » *Hepatoplasmataceae* » *Hepatoplasma*

References

Effective publication: Wang et al., 2004 [1]

Registry URL

<https://seqco.de/i:23995>

Species *Hepatoplasma crinochetorum*^{Ts}

Etymology

[cri.no.che.to'rum] N.L. gen. pl. n. *crinochetorum*, of isopods (Crinocheta)

Nomenclatural type

[NCBI Assembly: GCA_000582535.1](https://ncbi.nlm.nih.gov/assembly/GCA_000582535.1)^{Ts}

Description

Wang et al., 2004: spherical cells (diameter, 0.5 to 0.8 µm); no cell wall and outer membrane; forms stalk-like cytoplasmic appendages at one or two cell poles that attach to host epithelia or are involved in budding. Basis of assignment: 16S ribosomal DNA sequences (accession numbers AY500249 and AY500250), hybridization with 16S rRNA-targeted oligonucleotide probe (5'-GTG AAA AAT TCC CTA CTG CTG-3'). Symbiont of *P. scaber* and other terrestrial isopods belonging to the taxon Crinocheta, located exclusively in the lumen of the hepatopancreas; so far uncultivated.

Classification

Bacteria » *Mycoplasmata* » *Mollicutes* » *Mycoplasmatales* » *Hepatoplasmataceae* » *Hepatoplasma* » *Hepatoplasma crinochetorum*^{Ts}

References

Effective publication: Wang et al., 2004 [1]

Registry URL

<https://seqco.de/i:83>

References

1. Wang et al. (2004). “*Candidatus* Hepatoplasma crinochetorum,” a New, Stalk-Forming Lineage of *Mollicutes* Colonizing the Midgut Glands of a Terrestrial Isopod. *Applied and Environmental Microbiology*. [DOI:10.1128/aem.70.10.6166-6172.2004](https://doi.org/10.1128/aem.70.10.6166-6172.2004)

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:z6by014f submitted by **Chuvochina, Maria** and including 2 new names has been successfully validated.

Date of Priority: 2023-08-22 04:20 UTC

DOI: 10.57973/seqcode.r:z6by014f

