

Puniceispirillum gen. nov. and Puniceispirillum marinum sp. nov.

Submitted by Chuvochina, Maria

Genus *Puniceispirillum*

Etymology

[Pu.ni.ce.i.spi.ril'lum] L. masc. adj. *puniceus*, reddish; N.L. neut. n. *spirillum*, a little coil; N.L. neut. n. *Puniceispirillum*, a little reddish coil

Nomenclatural type

Species *Puniceispirillum marinum*^{Ts}

Description

The description is identical to that of the type species *Puniceispirillum marinum* given by Oh et al. 2010.

Classification

Bacteria » *Pseudomonadota* » *Alphaproteobacteria* » "Puniceispirillales" » "Puniceispirillaceae" » *Puniceispirillum*

References

Effective publication: Oh et al., 2010 [1]

Registry URL

<https://seqco.de/i:31339>

Species *Puniceispirillum marinum*^{Ts}

Etymology

[ma.ri'num] L. neut. adj. *marinum*, marine

Nomenclatural type

[NCBI Assembly: GCA_000024465.1](https://ncbi.nlm.nih.gov/assembly/GCA_000024465.1)^{Ts}

Reference Strain

IMCC 1322

Description

The description is the same as given by [Oh et al., 2010](#):

"*Candidatus Puniceispirillum marinum*" IMCC1322 is expected to be a metabolic generalist carrying functional genes for utilizing resourceful sunlight, DMSP, CO, and C1 compounds in the surface ocean. Such metabolic potential of strain IMCC1322, the first cultured representative of the SAR116 clade, might reflect ecological niches for even more dominant marine bacterioplankton clades SAR11, *Roseobacter*, and SAR86."

Classification

Bacteria » *Pseudomonadota* » *Alphaproteobacteria* » "Puniceispirillales" » "Puniceispirillaceae" » *Puniceispirillum* » *Puniceispirillum marinum*^{Ts}

References

Effective publication: Oh et al., 2010 [1]

Registry URL

<https://seqco.de/i:189>

References

1. Oh et al. (2010). Complete Genome Sequence of “*Candidatus* Puniceispirillum marinum” IMCC1322, a Representative of the SAR116 Clade in the *Alphaproteobacteria*. *Journal of Bacteriology*. [DOI:10.1128/jb.00347-10](https://doi.org/10.1128/jb.00347-10)

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:1s9xy0s7 submitted by **Chuvochina, Maria** and including 2 new names has been successfully validated.

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