

Phylum *Spongiamicota*

Etymology

[Spon.gi.a.mi.co'ta] **N.L. masc. n.** *Spongiamicus*, referring to the type genus *Spongiamicus*; -*ota*, ending to denote a phylum; **N.L. neut. pl. n.** *Spongiamicota*, the *Spongiamicus* phylum

Nomenclatural type

Genus *Spongiamicus*

Description

The highest relative abundances of this phylum were observed in sponge metagenomes from the marine sponge *Aplysina aerophoba* from the Gulf of Piran, Slovenia, and Ssperm DNA of *Galaxea fascicularis* from an undisclosed coral reef sample. The phylum has a global distribution and was mainly present in public shotgun metagenome datasets labelled as marine metagenomes, marine sediment metagenomes, seawater metagenome, and sponge metagenome.

Classification

Bacteria » *Spongiamicota*

References

Effective publication: Sun et al., 2025 [1]

Registry URL

<https://seqco.de/i:49701>

References

1. Sun et al. (2025). Metagenomic insights into taxonomic and functional patterns in shallow coastal and deep seafloor sediments in the Western Pacific. *Microbial Genomics*. DOI: [10.1099/mgen.0.001351](https://doi.org/10.1099/mgen.0.001351)