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 subseafloor sediments in the Western Pacific. *Microbial Genomics*. DOI: 10.1099/mgen.0.001351