

Supplementary files to Oogenesis and lipid metabolism in the deep-sea sponge *Phakellia ventilabrum*: a histological, lipidomic and transcriptomic approach, Manuscript IV, Thesis

SND-ID: 2024-306. **Version:** 1. **DOI:** <https://doi.org/10.57804/3g59-ym65>

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DATASET02.xls (8.12 MB)

DATASET03.xls (919 KB)

DATASET04.xlsx (53.43 KB)

IMAGE01.pdf (3.85 MB)

IMAGE02.pdf (373.76 KB)

IMAGE03.pdf (3.01 MB)

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2024-306-1.zip (~16.51 MB)

Citation

Koutsouveli, V. (2020) Supplementary files to Oogenesis and lipid metabolism in the deep-sea sponge *Phakellia ventilabrum*: a histological, lipidomic and transcriptomic approach, Manuscript IV, Thesis (Version 1) [Data set]. Uppsala University. Available at: <https://doi.org/10.57804/3g59-ym65>

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Description

In this study, we used histology, lipidome profiling (UHPLC-MS), and transcriptomic analysis (RNA-seq) on the deep-sea sponge *Phakellia ventilabrum* (Demospongiae, Bubarida), a key species of North-Atlantic sponge grounds, with the goal to (i) assess the reproductive strategy and seasonality of this species, (ii) examine the relative changes in the lipidome signal and the gene expression patterns of the enzymes participating in lipid metabolism during oogenesis.

The dataset was originally published in DiVA and moved to SND in 2024.

Data contains personal data

No

Language

[English](#)

Identifiers

URN: [urn:nbn:se:uu:diva-423826](https://nbn-resolving.org/urn:nbn:se:uu:diva-423826)

Research area

[Natural sciences](#) (Standard för svensk indelning av forskningsämnen 2011)

[Pharmaceutical sciences](#) (Standard för svensk indelning av forskningsämnen 2011)

Keywords

[Natural sciences](#)

Accessibility level

Access to data through SND

Data are freely accessible

Use of data

[Things to consider when using data shared through SND](#)

Versions

Version 1. 2020-10-29

This resource has the following relations

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