

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 8, 2026

## Tourmaline

RRID:SCR\_022465

Type: Tool

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### Proper Citation

Tourmaline (RRID:SCR\_022465)

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### Resource Information

**URL:** <https://github.com/aomlomics/tourmaline>

**Proper Citation:** Tourmaline (RRID:SCR\_022465)

**Description:** Software tool as amplicon sequence processing workflow using QIIME 2 and Snakemake management system. Enables rapid analysis of environmental and biomedical amplicon data, decreasing time from data generation to actionable results.

**Resource Type:** data analysis software, data processing software, sequence analysis software, software application, software resource

**Defining Citation:** [DOI:10.1101/2021.09.15.460495](https://doi.org/10.1101/2021.09.15.460495)

**Keywords:** Amplicon sequence processing workflow, environmental and biomedical amplicon data

**Funding:** NOAA NA16OAR4320199;  
NOAA NA21OAR4320190

**Availability:** Free, Available for download, Freely available

**Resource Name:** Tourmaline

**Resource ID:** SCR\_022465

**Alternate URLs:** <https://hub.docker.com/repository/docker/aomlomics/tourmaline>

**License:** BSD 3-Clause "New" or "Revised" License

**Record Creation Time:** 20220607T050155+0000

**Record Last Update:** 20260905T133014+0000

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### Ratings and Alerts

No rating or validation information has been found for Tourmaline.

No alerts have been found for Tourmaline.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

D??rr AK, et al. (2024) RiboSnake - a user-friendly, robust, reproducible, multipurpose and documentation-extensive pipeline for 16S rRNA gene microbiome analysis. GigaByte (Hong Kong, China), 2024, gigabyte132.

Thompson LR, et al. (2022) Tourmaline: A containerized workflow for rapid and iterable amplicon sequence analysis using QIIME 2 and Snakemake. GigaScience, 11.