

Resource Summary Report

Generated by [ASWG](#) on Aug 11, 2026

[redbiom](#)

RRID:SCR_017285

Type: Tool

Proper Citation

redbiom (RRID:SCR_017285)

Resource Information

URL: <https://github.com/biocore/redbiom>

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Description: Software tool for allowing samples that contain microbiome features to be rapidly identified. Rapid sample discovery and feature characterization system. Integrated with existing analysis tools to enable fast, large scale microbiome searches and discovery of new microbiome relationships. Service for sample metadata and sample data.

Resource Type: analysis service resource, data analysis software, production service resource, software application, service resource, software resource, data analysis service, data processing software

Defining Citation: [PMID:31239397](#)

Keywords: microbiome, feature, identify, characterize, analysis, metadata, sample, data

Availability: Free, Available for download, Freely available

Resource Name: redbiom

Resource ID: SCR_017285

License: Modified BSD License

Record Creation Time: 20220129T080334+0000

Record Last Update: 20260811T043553+0000

Ratings and Alerts

No rating or validation information has been found for redbiom.

No alerts have been found for redbiom.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Xu CCY, et al. (2025) Pre-exposure to stress reduces loss of community and genetic diversity following severe environmental disturbance. *Current biology : CB*, 35(5), 1061.

Schriml LM, et al. (2022) A decade of GigaScience: 10 years of the evolving genomic and biomedical standards landscape. *GigaScience*, 11.

Xu ZZ, et al. (2019) Calour: an Interactive, Microbe-Centric Analysis Tool. *mSystems*, 4(1).

Kaehler BD, et al. (2019) Species abundance information improves sequence taxonomy classification accuracy. *Nature communications*, 10(1), 4643.

Thompson LR, et al. (2017) A communal catalogue reveals Earth's multiscale microbial diversity. *Nature*, 551(7681), 457.