

Resource Summary Report

Generated by NIF on Jul 31, 2026

microbiome

RRID:SCR_024699

Type: Tool

Proper Citation

microbiome (RRID:SCR_024699)

Resource Information

URL: <https://bioconductor.org/packages/microbiome/>

Proper Citation: microbiome (RRID:SCR_024699)

Description: Software R package for use in microbiome analysis. Used to provide comprehensive collection of tools and tutorials, with particular focus on amplicon sequencing data.

Resource Type: software toolkit, software resource

Keywords: amplicon sequencing data, microbiome analysis,

Availability: Free, Available for download, Freely available

Resource Name: microbiome

Resource ID: SCR_024699

Alternate URLs: <https://microbiome.github.io/tutorials/>,
<https://github.com/microbiome/microbiome/>,

Record Creation Time: 20231115T050219+0000

Record Last Update: 20260729T044612+0000

Ratings and Alerts

No rating or validation information has been found for microbiome.

No alerts have been found for microbiome.

Data and Source Information

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Hopkins JR, et al. (2025) Fire Limits Soil Microbial Dispersal and Differentially Impacts Bacterial and Fungal Communities. *Global change biology*, 31(8), e70386.

Duarte VDS, et al. (2025) Longitudinal study of the udder microbiome using genome-centric metagenomics uncovers pathogen-driven adaptation and succession. *NPJ biofilms and microbiomes*, 11(1), 227.

Kriete AL, et al. (2025) Direct and transgenerational effects of tetracyclines on the microbiome, transcriptome, and male mating behavior of the sheep blowfly *Lucilia cuprina*. *G3 (Bethesda, Md.)*, 15(10).

Zhang X, et al. (2025) Intestinal TM6SF2 protects against metabolic dysfunction-associated steatohepatitis through the gut-liver axis. *Nature metabolism*, 7(1), 102.

Piedade GJ, et al. (2024) Seasonal dynamics and diversity of Antarctic marine viruses reveal a novel viral seascape. *Nature communications*, 15(1), 9192.

Duarte VdS, et al. (2024) Host DNA depletion methods and genome-centric metagenomics of bovine hindmilk microbiome. *mSphere*, 9(1), e0047023.

Zhang B, et al. (2024) Exploring the landscape of symbiotic diversity and distribution in unicellular ciliated protists. *Microbiome*, 12(1), 96.

Lima HS, et al. (2024) Microbial community of cultivated and uncultivated citrus rhizosphere microbiota in Brazil. *Scientific data*, 11(1), 1294.

Adnan D, et al. (2024) Early-onset Colon Cancer Shows a Distinct Intestinal Microbiome and a Host-Microbe Interaction. *Cancer prevention research (Philadelphia, Pa.)*, 17(1), 29.