Resource Summary Report

Generated by NIF on Aug 27, 2026

microViz

RRID:SCR_026510
Type: Tool

Proper Citation

microViz (RRID:SCR_026510)

Resource Information

URL: https://david-barnett.github.io/microViz/

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Description: Software R package for microbiome data visualization and statistics. Docker image available.

Resource Type: software resource, software toolkit, source code

Keywords: microbiome data, visualization and statistics,

Availability: Free, Available for download, Freely available

Resource Name: microViz

Resource ID: SCR_026510

Alternate URLs: https://github.com/david-barnett/microViz/

License: GNU GPL v3

Record Creation Time: 20250304T060329+0000

Record Last Update: 20260821T194341+0000

Ratings and Alerts

No rating or validation information has been found for microViz .

No alerts have been found for microViz .

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Rolland C, et al. (2026) Impact of Water Saturation on Microbial Hydrogen Consumption in Porous Media. Environmental science & technology, 60(1), 415.

Hussain U, et al. (2026) Microbial communities in semi-mature oak trees are resilient to drought, nutrient limitation, and pathogen challenge. Cell host & microbe, 34(2), 344.

Endika MF, et al. (2025) Assessing the potential for non-digestible carbohydrates toward mitigating adverse effects of antibiotics on microbiota composition and activity in an in vitro colon model of the weaning infant. FEMS microbiology ecology, 101(4).

Debnath SC, et al. (2025) Seasonal dynamics and factors shaping microbiomes in freshwater finfish earthen aquaculture ponds in Bangladesh. Environmental microbiome, 20(1), 38.

Serrana JM, et al. (2025) Environmental drivers of the resistome across the Baltic Sea. Microbiome, 13(1), 92.

Serrana JM, et al. (2025) Microbial hydrocarbon degradation potential of the Baltic Sea ecosystem. Microbiome, 13(1), 204.

Soriano S, et al. (2025) Sex-specific effects of fecal microbiota transplantation on TBI-exacerbated Alzheimer's pathology in mice. bioRxiv : the preprint server for biology.

Flinn H, et al. (2025) Gut microbiome remodeling by antibiotics reduces neuroinflammation in traumatic brain injury. Research square.

Xiao LF, et al. (2025) Comprehensive metagenomic analysis of the giant panda's oral microbiome reveals distinct taxonomic and functional characteristics. Animal microbiome, 7(1), 114.

Debnath SC, et al. (2025) Skin and gill microbiome profiles and network structures in farmed tilapia (Oreochromis niloticus) and their relationships with health conditions. Animal microbiome, 7(1), 113.

Zhang X, et al. (2025) Common mycorrhizal networks facilitate plant disease resistance by altering rhizosphere microbiome assembly. Cell host & microbe.

Sulesky-Grieb A, et al. (2024) Stable, multigenerational transmission of the bean seed microbiome despite abiotic stress. mSystems, 9(11), e0095124.

Fernández-Juárez V, et al. (2024) Temperature, sediment resuspension, and salinity drive the prevalence of Vibrio vulnificus in the coastal Baltic Sea. mBio, 15(10), e0156924.

Stojan I, et al. (2024) Ecology of aerobic anoxygenic phototrophs on a fine-scale taxonomic resolution in Adriatic Sea unravelled by unsupervised neural network. Environmental microbiome, 19(1), 28.

Ramos-Tapia I, et al. (2023) Compositional Changes in Sediment Microbiota Are Associated with Seasonal Variation of the Water Column in High-Altitude Hyperarid Andean Lake Systems. Microbiology spectrum, 11(3), e0520022.