

Resource Summary Report

Generated by PRECISE-TBI on Aug 3, 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: source code, software toolkit, software resource

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: 20260803T040922+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

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

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.