

Resource Summary Report

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MEGAN

RRID:SCR_011942

Type: Tool

Proper Citation

MEGAN (RRID:SCR_011942)

Resource Information

URL: <http://ab.inf.uni-tuebingen.de/software/megan/>

Proper Citation: MEGAN (RRID:SCR_011942)

Description: Software for analyzing metagenomes.

Abbreviations: MEGAN

Resource Type: software resource

Resource Name: MEGAN

Resource ID: SCR_011942

Alternate IDs: OMICS_01516

Record Creation Time: 20220129T080307+0000

Record Last Update: 20260801T190431+0000

Ratings and Alerts

No rating or validation information has been found for MEGAN.

No alerts have been found for MEGAN.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1365 mentions in open access literature.

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

Dowrick JM, et al. (2026) Integrated multi-omic and symptom clustering reveals lower-gastrointestinal disorders of gut-brain interaction heterogeneity. *Gut microbes*, 18(1), 2604871.

Hurst C, et al. (2025) Social Isolation Induces Sex-Specific Differences in Behavior and Gut Microbiota Composition in Stress-Sensitive Rats. *Brain and behavior*, 15(6), e70621.

Arantes LS, et al. (2025) Scaling-up RADseq methods for large datasets of non-invasive samples: Lessons for library construction and data preprocessing. *Molecular ecology resources*, 25(5), e13859.

Li AD, et al. (2025) Metatranscriptomic time series insight into antibiotic resistance genes and mobile genetic elements in wastewater systems under antibiotic selective pressure. *BMC microbiology*, 25(1), 45.

Gelabert P, et al. (2025) A sedimentary ancient DNA perspective on human and carnivore persistence through the Late Pleistocene in El Mirón Cave, Spain. *Nature communications*, 16(1), 107.

Wu H, et al. (2025) Genetic characterization of the marmot gut virome in high-altitude Qinghai Province and identification of novel viruses with zoonotic potential. *mSphere*, 10(8), e0029725.

Huang X, et al. (2025) Analysis of causal pathogens of mulberry bacterial blight in samples collected from eight provinces of China using culturomics and metagenomic sequencing methods. *Frontiers in plant science*, 16, 1517050.

Hai C, et al. (2025) Loss of Myostatin Alters Gut Microbiota and Carbohydrate Metabolism to Influence the Gut-Muscle Axis in Cattle. *Veterinary sciences*, 12(6).

Shittu OE, et al. (2025) Deciphering the influence of fertilization systems on the *Allium ampeloprasum* rhizosphere microbial diversity and community structure through a shotgun metagenomics profiling approach. *Environmental microbiome*, 20(1), 126.

Pérez-Martínez C, et al. (2025) Pronounced seasonal dynamics in transcription of vitamin B1 acquisition strategies diverge among Baltic Sea bacterioplankton. *Environmental microbiome*, 20(1), 115.

Decadt H, et al. (2025) Long-read metagenomics gives a more accurate insight into the microbiota of long-ripened gouda cheeses. *Frontiers in microbiology*, 16, 1543079.

Xu P, et al. (2025) Viral metagenomics reveals diverse viruses in the fecal samples of children with acute respiratory infection. *Frontiers in microbiology*, 16, 1564755.

El Jaddaoui I, et al. (2025) The Gut Mycobiome for Precision Medicine. *Journal of fungi (Basel, Switzerland)*, 11(4).

Zhou Z, et al. (2025) Microbiome and fragmentation pattern of blood cell-free DNA and fecal metagenome enhance colorectal cancer micro-dysbiosis and diagnosis analysis: a proof-of-concept study. *mSystems*, 10(5), e0027625.

Dutra TP, et al. (2025) Community dynamics during de novo colonization of the nascent peri-implant sulcus. *International journal of oral science*, 17(1), 37.

Wang X, et al. (2025) Protozoa-driven micro-food webs shaping carbon and nitrogen cycling in reservoir ecosystems. *Environmental microbiome*, 20(1), 109.

Shao X, et al. (2025) Sorghum-peanut intercropping under salt stress mediates rhizosphere microbial community shaping in sorghum by affecting soil sugar metabolism pathways. *Frontiers in microbiology*, 16, 1589415.

Chauhan A, et al. (2025) A survey of bacterial and fungal community structure and functions in two long-term metalliferous soil habitats. *Scientific reports*, 15(1), 41955.

Ouyang Z, et al. (2025) The global hydrogen budget. *Nature*, 648(8094), 616.

Llanos-Lizcano A, et al. (2025) Intra-individual variability in ancient plasmodium DNA recovery highlights need for enhanced sampling. *Scientific reports*, 15(1), 757.