

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: 20260725T190723+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 [nidm-terms](#) .

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.

Fang C, et al. (2025) Research on the impact of land use and land cover changes on local meteorological conditions and surface ozone in the north China plain from 2001 to 2020. *Scientific reports*, 15(1), 2001.