

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: 20260808T190003+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 1439 mentions in open access literature.

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

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.

Fu Z, et al. (2026) Effects of tea polyphenols on intestinal barrier, antioxidant capacity, and cecal microbiota in lion-head geese. *Poultry science*, 105(6), 106706.

Orfanou E, et al. (2026) Reconstruction of the lifeways of Central European Late Bronze Age communities using ancient DNA, isotope and osteoarchaeological analyses. *Nature communications*, 17(1).

Stevenson Z, et al. (2026) Lowering the Mo limit for nitrogen fixation by Mo-nitrogenase. *Communications earth & environment*, 7(1), 169.

Wen Y, et al. (2026) Dietary copper-driven colonic dysbiosis mediates oxidative stress and butyrate deficiency to facilitate the spread of resistome in pigs. *NPJ biofilms and microbiomes*, 12(1).

Wang H, et al. (2026) Viromic profiling of amniotic fluid reveals distinct viral communities associated with maternal health status. *BMC pregnancy and childbirth*, 26(1).

Yao J, et al. (2026) Metagenomic analysis of gut bacteria in different developmental instars of *Spodoptera litura*. *Microbiology spectrum*, 14(4), e0208125.

Kato H, et al. (2026) Directional Colony Growth of *Cupriavidus* toward *Sphingomonads*. *Microbes and environments*, 41(2).

Hagenbeek A, et al. (2026) Genome-resolved metagenomics reveals unexpected diversity and host range of *Candidatus Lariskella* (Rickettsiales: Midichloriaceae). *BMC genomics*, 27(1).

Zhang BY, et al. (2026) Gut Microbiota-Mediated Histidine Deficiency Drives Testicular Ferroptosis Induced by Bisphenol F Exposure. *Antioxidants (Basel, Switzerland)*, 15(6).

Chen Y, et al. (2026) Dietary *Bacillus subtilis* Group Reduces the General Infection of *Salmonella Pullorum* in Broiler Chicken. *Antibiotics (Basel, Switzerland)*, 15(4).

Ren QD, et al. (2026) Pomegranate peel extract alleviates diabetic retinopathy by suppressing the PI3K/AKT/HIF-1 α /VEGF pathway and gut microbiota modulation. *Journal of advanced research*, 85, 137.

Shittu OE, et al. (2026) Functional Metagenomics Insights Into the *Allium ampeloprasum* Rhizosphere Microbiome Under Different Fertilization Regimes. *MicrobiologyOpen*, 15(3), e70307.

Sharma AA, et al. (2026) Integrated vector and arbovirus surveillance in Cyprus: first reports of Usutu virus and *Culex pipiens* bioform diversity highlight potential for zoonotic arbovirus transmission. *Parasites & vectors*, 19(1).

Chen M, et al. (2026) Co-circulation of multiple arboviruses in acute febrile patients in Yunnan, China, identified by metagenomic sequencing. *Journal of clinical microbiology*, 64(5), e0167025.

Lau KJX, et al. (2026) Controlled irrigation suppresses methane emissions by reshaping the rhizosphere microbiomes in rice. *Microbiology spectrum*, 14(2), e0297025.

Parikh A, et al. (2026) DNA Metabarcoding Reveals Unexpected Predator-Prey-Microbial Dynamics in the Southern Right Whale (*Eubalaena australis*). *Molecular ecology*, 35(12), e70442.

Wu H, et al. (2026) Characterization of viral diversity in wild marmot blood from the Qinghai-Tibet Plateau. *Frontiers in microbiology*, 17, 1668126.

Ma J, et al. (2026) Metabolite-Mediated Alleviation of Iron Deficiency and Growth Promotion of *Malus hupehensis* by *Bacillus licheniformis* LCDD6 in Calcareous Soil. *Microorganisms*, 14(2).

Zhang B, et al. (2026) Effects of Supplementing Yeast Culture to Prepartum Cows Under Heat Stress on the Jejunal Microbiota and Metabolites of Calves. *Animals : an open access journal from MDPI*, 16(4).