

Resource Summary Report

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QIIME

RRID:SCR_008249

Type: Tool

Proper Citation

QIIME (RRID:SCR_008249)

Resource Information

URL: <http://qiime.org/>

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Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on February 23, 2023. Software package for comparison and analysis of microbial communities, primarily based on high-throughput amplicon sequencing data, but also supporting analysis of other types of data. QIIME analyzes and transforms raw sequencing data generated on Illumina or other platforms to publication quality graphics and statistics.

Synonyms: Quantitative Insights Into Microbial Ecology

Resource Type: software application, software resource, data processing software, data analysis software

Defining Citation: [DOI:10.1038/nmeth.f.303](https://doi.org/10.1038/nmeth.f.303)

Keywords: microbiome, microbial community, sequence data, data analysis software, bio.tools

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: QIIME

Resource ID: SCR_008249

Alternate IDs: OMICS_01118, SCR_011948, OMICS_01521, biotools:qiime

Alternate URLs: <https://bio.tools/qiime>

Record Creation Time: 20220129T080246+0000

Record Last Update: 20260728T043301+0000

Ratings and Alerts

No rating or validation information has been found for QIIME.

No alerts have been found for QIIME.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 11036 mentions in open access literature.

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

Hill K, et al. (2026) Impact of a GABA-Producing *Lactococcus lactis* on Microbiota and Mycobiota During CNS Inflammatory Demyelination. *FASEB bioAdvances*, 8(1), e70085.

Yu Y, et al. (2026) *Perilla frutescens* seeds enhance lamb immunity and antioxidant capacity via the microbiota-gut-liver-muscle axis. *Journal of animal science and biotechnology*, 17(1), 1.

Uribe-Herranz M, et al. (2025) Microbiota Shape Metabolic and Immune Determinants of CAR-T Therapy and Correlate with Outcomes in Myeloma. *Blood cancer discovery*, 6(5), 484.

Zhen Q, et al. (2025) Erucic Acid, Derived by *Lactobacillus Crispatus*, Induces Ferroptosis in Cervical Cancer Organoids Through the PPAR- γ Signaling Pathway. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(48), e12599.

Fortunato MC, et al. (2025) Maternal Tryptophan Supplementation Alters Offspring Gut-Brain Axis and Behavior in a Sex-Specific Manner. *Journal of neurochemistry*, 169(7), e70161.

Ghoury YA, et al. (2025) Repopulation of the gut microbiota after a screening colonoscopy. *PloS one*, 20(9), e0320712.

Rojas-Vargas J, et al. (2025) The neovaginal microbiota, symptoms, and local immune correlates in transfeminine individuals with penile inversion vaginoplasty. *Cell reports*, 44(12), 116546.

Tiezzi F, et al. (2025) Multiple-trait genomic prediction for swine meat quality traits using gut microbiome features as a correlated trait. *Journal of animal breeding and genetics = Zeitschrift fur Tierzucht und Zuchtungsbiologie*, 142(1), 102.

Zuo H, et al. (2025) SYISL Knockout Promotes Embryonic Muscle Development of Offspring by Modulating Maternal Gut Microbiota and Fetal Myogenic Cell Dynamics. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(6), e2410953.

Wang P, et al. (2025) CKD patients comorbid with hypertension are associated with imbalanced gut microbiome. *iScience*, 28(2), 111766.

Berns-Herrboldt EC, et al. (2025) Dynamic soil columns simulate Arctic redox biogeochemistry and carbon release during changes in water saturation. *Scientific reports*, 15(1), 3093.

Guo F, et al. (2025) Yeast cell wall polysaccharides accelerate yet in-feed antibiotic delays intestinal development and maturation via modulating gut microbiome in chickens. *Journal of animal science and biotechnology*, 16(1), 14.

Liu Y, et al. (2025) Analysis on Bacterial Community of *Noctiluca scintillans* Algal Blooms Near Pingtan Island, China. *Biology*, 14(1).

Zhou X, et al. (2025) Dietary Fiber-Rich *Spartina anglica* Improves Intestinal Health and Antioxidant Capacity of Zhedong White Geese. *Antioxidants (Basel, Switzerland)*, 14(1).

Li L, et al. (2025) *Forsythia suspensa* leaf fermented tea extracts attenuated oxidative stress in mice via the Ref-1/HIF-1 α signal pathway and modulation of gut microbiota. *Scientific reports*, 15(1), 4106.

Chen J, et al. (2025) Metasilicate-based alkaline mineral water improves the growth performance of weaned piglets by maintaining gut-liver axis homeostasis through microbiota-mediated secondary bile acid pathway. *Animal nutrition (Zhongguo xu mu shou yi xue hui)*, 20, 95.

Wang W, et al. (2025) Soil organic matter composition affects ecosystem multifunctionality by mediating the composition of microbial communities in long-term restored meadows. *Environmental microbiome*, 20(1), 22.

Zou Y, et al. (2025) Interaction between the liver transcriptome and gut microbiota in mice during *Toxoplasma gondii* infection as identified by integrated transcriptomic and microbiome analysis. *BMC microbiology*, 25(1), 137.

Fujimoto S, et al. (2025) Comparative analysis of gut microbiota in hormone-sensitive and castration-resistant prostate cancer in Japanese men. *Cancer science*, 116(2), 462.

Liu XB, et al. (2025) Tissue source may affect the esophageal flora in patients with esophageal squamous cell carcinoma. *Oncology letters*, 29(1), 56.