# Resource Summary Report

Generated by SPARC SAWG on Jul 28, 2026

## QIIME

RRID:SCR_008249
Type: Tool

### Proper Citation

QIIME (RRID:SCR_008249)

### Resource Information

**URL:** http://qiime.org/

**Proper Citation:** QIIME (RRID:SCR_008249)

**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. QIMME 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

**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 SPARC SAWG .

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.

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.

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

Ghouri 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 Tierzuchtung und Zuchtungsbiologie, 142(1), 102.

Li Q, et al. (2025) Characteristics of the Bacterial Community in Alpine Meadows in Response to Altitude and Aspect in the Qilian Mountains, Northwest China. Ecology and evolution, 15(1), e70769.

Luo Y, et al. (2025) The role of the microbiota and metabolites in the treatment of pulmonary fibrosis with UC-MSCs: Integrating fecal metabolomics and 16S rDNA analysis.

PloS one, 20(1), e0313989.

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.

Yang Z, et al. (2025) Selenium enrichment enhances the alleviating effect of Lactobacillus rhamnosus GG on alcoholic liver injury in mice. Current research in food science, 10, 100964.

Chen L, et al. (2025) Gut bacteria Prevotellaceae related lithocholic acid metabolism promotes colonic inflammation. Journal of translational medicine, 23(1), 55.

Zhang Q, et al. (2025) Integrated Microbiome and Metabolome Analysis Reveals Correlations Between Gut Microbiota Components and Metabolic Profiles in Mice With Mitoxantrone-Induced Cardiotoxicity. Drug design, development and therapy, 19, 439.

Stenger PL, et al. (2025) A Multimarker Approach to Identify Microbial Bioindicators for Coral Reef Health Monitoring-Case Study in La Réunion Island. Microbial ecology, 87(1), 179.

Liu T, et al. (2025) Deciphering the therapeutic effects of Xiyanping injection: insights into pulmonary and gut microbiome modulation, SerpinB2/PAI-2 targeting, and alleviation of influenza a virus-induced lung injury. Virology journal, 22(1), 19.

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.

Gong L, et al. (2025) Characterization and comparison of gut microbiota in patients with acute pancreatitis by metagenomics and culturomics. Heliyon, 11(3), e42243.

Sabry I, et al. (2025) Comparative evaluation of lower respiratory tract microbiota in healthy and BRD-affected calves in Egypt. Tropical animal health and production, 57(2), 78.