

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 17, 2026

UPARSE

RRID:SCR_005020

Type: Tool

Proper Citation

UPARSE (RRID:SCR_005020)

Resource Information

URL: <http://drive5.com/uparse/>

Proper Citation: UPARSE (RRID:SCR_005020)

Description: An Operational Taxonomic Unit (OTU) clustering software for 16S and other marker genes. Highly accurate OTU sequences and improved diversity measures.

Abbreviations: UPARSE

Resource Type: software resource

Defining Citation: [PMID:23955772](#)

Resource Name: UPARSE

Resource ID: SCR_005020

Alternate IDs: OMICS_01449

Record Creation Time: 20220129T080228+0000

Record Last Update: 20260912T195619+0000

Ratings and Alerts

No rating or validation information has been found for UPARSE.

No alerts have been found for UPARSE.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4687 mentions in open access literature.

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

Yu M, et al. (2026) Exogenous melatonin alleviates abnormal glucose metabolism in the breast muscle under long-term light exposure through the parasympathetic pathway. *Journal of advanced research*, 81, 175.

Ma Y, et al. (2026) Comparison of Gut Microbiota and Metabolic Characteristics Between Miechongshu-Treated and Untreated Yili Horses. *Animals : an open access journal from MDPI*, 16(7).

Zhu Z, et al. (2026) Effects of dietary fiber on the gut microbiota, intestinal barrier, and inflammatory factors in Xinjiang black pigs. *BMC microbiology*, 26(1).

Liao H, et al. (2026) Postbiotics originated from *Lactobacillus crispatus* NCU-31 improves vulvar lichen sclerosus: a randomized, double-blind controlled trial. *BMC microbiology*, 26(1).

Nopparatmaitree M, et al. (2026) Phytosynbiotic Containing Double-Layer Microencapsulated *Pediococcus acidilactici* V202 and *Tiliacora triandra* Leaf Extract Improve Growth Performance and Gut Health in Broiler Chickens. *Animals : an open access journal from MDPI*, 16(5).

Li G, et al. (2026) Predator-driven microbial feedback loops promote plant health. *Nature communications*, 17(1).

Chen W, et al. (2026) Spatial Distribution of Soil Bacterial Communities Along an Altitudinal Gradient in Alpine Meadows of the Northeastern Qinghai-Tibet Plateau and Their Relationship with Environmental Factors. *Biology*, 15(6).

Liu Y, et al. (2026) Prognostic prediction in COVID-19 patients: a comprehensive analysis of gut microbiota and hematological biomarkers. *Virus research*, 367, 199729.

Ye H, et al. (2026) Early risperidone exposure impairs cognitive function by perturbation of the gut microbiome and bile acids/tyrosine-PTP1B axis. *Microbiome*, 14(1).

Wu X, et al. (2026) Accumulation of recalcitrant dissolved organic carbon during cyanobacterial blooms in Meiliang Bay, Lake Taihu: insights into the microbial carbon pump. *Frontiers in microbiology*, 17, 1753025.

Cong P, et al. (2026) Effects of microbial organic fertilizer on nitrogen cycling-related microbial communities and nitrogen-fixing system stability in saline soil. *iScience*, 29(3), 114960.

Oliveira J, et al. (2026) Gut Microbiota Response in Meagre (*Argyrosomus regius*) Subjected to a Plant-Based Nutritional Challenge. *Animals : an open access journal from MDPI*, 16(3).

Zhu K, et al. (2026) Integrated microbiomics and metabolomics analysis reveals distinct profiles in carbapenem-resistant *Acinetobacter baumannii* and *Escherichia coli* infections in Pancreatitis-associated sepsis. *PloS one*, 21(2), e0340895.

Liu J, et al. (2026) Impact of captivity on gut microbiota, tracheal microbiota and metabolic pathways in wild chipmunks. *BMC microbiology*, 26(1).

Yuan X, et al. (2026) Gut Microbiome Signatures of Aging Associated with Intramuscular Fat Deposition in Tan Sheep. *Animals : an open access journal from MDPI*, 16(4).

Zhao Y, et al. (2026) Effects of non-chlorine antimicrobial agents on microbial diversity in yellow-feathered chickens during mixed precooling. *Food science of animal resources*, 46(1).

An Q, et al. (2026) Ocular Surface Microbiota-Derived Lipoteichoic Acid Promotes Dry Eye Disease by Inducing Corneal Inflammation. *Investigative ophthalmology & visual science*, 67(3), 50.

Kaiyue P, et al. (2026) Fermentation quality and microbial communities of mixed silage from *Pennisetum glaucum* ?? *purpureum* and *Rosa roxburghii* residue. *BMC microbiology*, 26(1).

Wang C, et al. (2026) Co-fermentation of *Lactiplantibacillus plantarum* and *Pediococcus acidilactici* induces non-thermal gel of tilapia surimi: Quantitative assessment of microbial contribution to gel improvement. *Current research in food science*, 12, 101364.

Wei X, et al. (2026) Composition and diversity of gut microbiota in non-erosive reflux disease. *Frontiers in microbiology*, 17, 1795756.