

Resource Summary Report

Generated by [ASWG](#) on Aug 26, 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: 20260815T182305+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 [ASWG](#) .

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.

Jin D, et al. (2026) Deciphering the keystone position of abundant species within surface-dwelling microbial aggregates in paddy soils. *Applied and environmental microbiology*, 92(1), e0139925.

Liu D, et al. (2026) The effect of fermented sea buckthorn products on production performance, egg quality, intestinal health, and antioxidant capacity of laying hens. *Poultry science*, 105(1), 106134.

Han M, et al. (2026) Spatial characteristics of soil enzyme activity and bacterial diversity in Chinese egret habitat. *Microbiology spectrum*, 14(2), e0001525.

Cao J, et al. (2026) Early antioxidant capacity, intestinal barrier integrity and gut microbiota drive DHAV-3 resistance in ducks. *Journal of animal science and biotechnology*, 17(1), 5.

Liao B, et al. (2026) Effects of reductive soil disinfestation on the composition of the soil microbial community in degraded facility cucumber. *Microbiology spectrum*, 14(3), e0039525.

Bao J, et al. (2026) Comparative effects of periodontitis - versus periodontal health-derived saliva on systemic lipid metabolism in mice: mediation through oral-gut axis. *Journal of oral microbiology*, 18(1), 2630494.

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 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).

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.

Xu J, et al. (2026) Alfalfa Polysaccharide Improves Rabbit Growth by Modulating Gut Microbiota and Suppressing Inflammation Through PPAR γ /NF- κ B Pathway. *International journal of molecular sciences*, 27(2).

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).

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.

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).

Yang Y, et al. (2026) Micro-nanobubble oxygenation irrigation ameliorates saline-alkali soil properties, cotton physiology, and yield under different salt stress levels. *Frontiers in plant science*, 17, 1727907.

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.

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).

Liu Y, et al. (2026) Purified Zearalenone at the Regulatory Limit Exhibits No Overt Toxicity in Broilers. *Toxins*, 18(2).

Wu J, et al. (2026) Optimization of the Quantification of Antibiotic Resistance Genes in Media from the Yangtze River Estuary. *Toxics*, 14(2).