

# Resource Summary Report

Generated by [ASWG](#) on Aug 26, 2026

## UCHIME

RRID:SCR\_008057

Type: Tool

### Proper Citation

UCHIME (RRID:SCR\_008057)

### Resource Information

**URL:** [http://drive5.com/usearch/manual/uchime\\_algo.html](http://drive5.com/usearch/manual/uchime_algo.html)

**Proper Citation:** UCHIME (RRID:SCR\_008057)

**Description:** An algorithm for detecting chimeric sequences.

**Abbreviations:** UCHIME

**Resource Type:** software resource

**Resource Name:** UCHIME

**Resource ID:** SCR\_008057

**Alternate IDs:** OMICS\_01115

**Record Creation Time:** 20220129T080245+0000

**Record Last Update:** 20260815T182341+0000

### Ratings and Alerts

No rating or validation information has been found for UCHIME.

No alerts have been found for UCHIME.

### Data and Source Information

**Source:** [SciCrunch Registry](#)

### Usage and Citation Metrics

We found 1927 mentions in open access literature.

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

Liu YY, et al. (2026) Assessing whether rectal swabs reflect appendiceal microbiota profiles in acute appendicitis: a 16S rRNA-based comparative study. *Gut pathogens*, 18(1), 10.

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).

Gong S, et al. (2026) Differential enrichment of key bacterial taxa in the rhizosphere of naturally growing and artificially restored *Kandelia obovata* forests. *Scientific reports*, 16(1).

Gao R, et al. (2026) Acute high-intensity exercise alters gut microbiota composition and energy metabolism in different strains of mice. *Frontiers in microbiology*, 17, 1790697.

Wu D, et al. (2026) Cover Cropping-Mediated Regulation of Phyllosphere Microbial Health and Rice Yield. *Journal of agricultural and food chemistry*, 74(20), 15358.

Dai J, et al. (2026) Type VI secretion system immunity protein Tldi1 modulates host inflammatory responses and gut microbiota homeostasis in chickens infected with *Salmonella enterica* serovar Typhimurium. *Poultry science*, 105(9), 107156.

Deepthi M, et al. (2026) Bacterially expressed recombinant TMOF induces mortality and gut microbial alterations in *Aedes albopictus* larvae. *Scientific reports*, 16(1).

Dou G, et al. (2026) Effects of Long-Term Administration of Ginsenosides on the Structure of Intestinal Microflora and the Absorption and Utilization of Saponins in Rats. *Metabolites*, 16(6).

Kan Y, et al. (2026) Contrasting Toxicity Classes Differentially Affect Gut Microbiota Composition in Honey Bees. *Insects*, 17(4).

Yang H, et al. (2026) Neo-BCV: A Novel Bacterial Complex Vaccine Reshaping the Gut Microbiota to Enhance the Antitumor Immune Response. *Vaccines*, 14(4).

Tang W, et al. (2026) Multi-omics analysis reveals circadian disruption of rumen microbiota and serum metabolites in Tibetan sheep under transport stress. *BMC microbiology*, 26(1).

Wu D, et al. (2026) *Akkermansia muciniphila*'s nifJ gene enhances colostrum sIgA synthesis by branched-chain amino acid degradation to branched short-chain fatty acids. *Gut microbes*, 18(1), 2620128.

Chen L, et al. (2026) Gut microbiota alters cardiac metabolism and immune system composition in viral myocarditis mice. *Frontiers in microbiology*, 17, 1828423.

Chen J, et al. (2026) Chromium propionate enhanced the production performance of yellow-feathered broilers under chronic heat stress exposure by improving intestinal health. *Stress biology*, 6(1).

Yutong Z, et al. (2026) Spatiotemporal dynamics of rhizosphere microbial communities in alfalfa across saline-alkali agro-ecosystems. *Frontiers in plant science*, 17, 1792882.

Sun B, et al. (2026) Effects of the tidal dehydration stress on epiphytic bacterial community of the intertidal macroalga *Sargassum thunbergii*. *Microbiology spectrum*, 14(2), e0194825.

Ivester K, et al. (2026) Genomic Epidemiology of Fungi Identified in Bronchoalveolar Lavage Fluid from Asthmatic Horses in the US. *Animals : an open access journal from MDPI*, 16(4).

Li L, et al. (2026) Nutritional pressure from serum amplifies dysbiotic features in an oral microbiome synthetic community. *The ISME journal*, 20(1).

Wang J, et al. (2026) Gut microbiota-metabolite interactions in cisplatin-induced acute kidney injury in rats. *BMC microbiology*, 26(1).