

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

UCHIME

RRID:SCR_008057

Type: Tool

Proper Citation

UCHIME (RRID:SCR_008057)

Resource Information

URL: 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 [NIF](#) .

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).