## **Resource Summary Report**

Generated by dkNET on Apr 29, 2025

# **UCLUST algorithm**

RRID:SCR\_011921

Type: Tool

#### **Proper Citation**

UCLUST algorithm (RRID:SCR\_011921)

#### **Resource Information**

URL: http://drive5.com/usearch/manual/uclust\_algo.html

**Proper Citation:** UCLUST algorithm (RRID:SCR\_011921)

**Description:** Algorithm that divides a set of sequences into clusters

**Abbreviations: UCLUST** 

**Resource Type:** software resource

**Defining Citation: PMID:20709691** 

**Funding:** 

Resource Name: UCLUST algorithm

Resource ID: SCR\_011921

Alternate IDs: OMICS\_01448

**Record Creation Time:** 20220129T080307+0000

**Record Last Update:** 20250420T014602+0000

#### **Ratings and Alerts**

No rating or validation information has been found for UCLUST algorithm.

No alerts have been found for UCLUST algorithm.

#### **Data and Source Information**

Source: SciCrunch Registry

### **Usage and Citation Metrics**

We found 50 mentions in open access literature.

**Listed below are recent publications.** The full list is available at dkNET.

Chao H, et al. (2025) Litter quality modulates changes in bacterial and fungal communities during the gut transit of earthworm species of different ecological groups. ISME communications, 5(1), ycae171.

Wang J, et al. (2024) Protein-small molecule binding site prediction based on a pre-trained protein language model with contrastive learning. Journal of cheminformatics, 16(1), 125.

Wang X, et al. (2024) Phages enhance both phytopathogen density control and rhizosphere microbiome suppressiveness. mBio, 15(6), e0301623.

Wan S, et al. (2024) Gut microbiome changes in mouse, Mongolian gerbil, and hamster models following Clostridioides difficile challenge. Frontiers in microbiology, 15, 1368194.

Kim JE, et al. (2023) Microbial diversity and metabolic function in duodenum, jejunum and ileum of emu (Dromaius novaehollandiae). Scientific reports, 13(1), 4488.

Chen C, et al. (2023) Methylotrophic methanogens and bacteria synergistically demethylate dimethylarsenate in paddy soil and alleviate rice straighthead disease. The ISME journal, 17(11), 1851.

Li Z, et al. (2023) Effects of melittin on laying performance and intestinal barrier function of quails. Poultry science, 102(2), 102355.

Liu J, et al. (2023) Acer truncatum leaves extract modulates gut microbiota, improves antioxidant capacity, and alleviates lipopolysaccharide-induced inflammation in broilers. Poultry science, 102(10), 102951.

Mei L, et al. (2022) Dysbiosis of vaginal microbiota associated with persistent high-risk human papilloma virus infection. Journal of translational medicine, 20(1), 12.

Mondal HK, et al. (2022) Alteration of gut microbiota composition and function of Indian major carp, rohu (Labeo rohita) infected with Argulus siamensis. Microbial pathogenesis, 164, 105420.

Wang Q, et al. (2022) Effects of Dietary Koumine on Growth Performance, Intestinal Morphology, Microbiota, and Intestinal Transcriptional Responses of Cyprinus carpio. International journal of molecular sciences, 23(19).

Luo H, et al. (2021) Hepatoprotective effects of Cassiae Semen on mice with non-alcoholic fatty liver disease based on gut microbiota. Communications biology, 4(1), 1357.

Wang Y, et al. (2021) Protective Effect of Lactobacillus plantarum P8 on Growth Performance, Intestinal Health, and Microbiota in Eimeria-Infected Broilers. Frontiers in microbiology, 12, 705758.

Lv D, et al. (2021) Comparison of Gut Bacterial Communities of Fall Armyworm (Spodoptera frugiperda) Reared on Different Host Plants. International journal of molecular sciences, 22(20).

Daane JM, et al. (2021) Modulation of bioelectric cues in the evolution of flying fishes. Current biology: CB, 31(22), 5052.

Martín-Núñez GM, et al. (2021) Helicobacter pylori Eradication Therapy Affect the Gut Microbiota and Ghrelin Levels. Frontiers in medicine, 8, 712908.

Gao L, et al. (2021) Comparative Analysis of Fecal Bacterial Microbiota of Six Bird Species. Frontiers in veterinary science, 8, 791287.

Li C, et al. (2021) The comprehensive changes in soil properties are continuous cropping obstacles associated with American ginseng (Panax quinquefolius) cultivation. Scientific reports, 11(1), 5068.

Niu X, et al. (2020) Transient neonatal antibiotic exposure increases susceptibility to lateonset sepsis driven by microbiota-dependent suppression of type 3 innate lymphoid cells. Scientific reports, 10(1), 12974.

Babakobi MD, et al. (2020) Effect of Maternal Diet and Milk Lipid Composition on the Infant Gut and Maternal Milk Microbiomes. Nutrients, 12(9).