Resource Summary Report

Generated by <u>dkNET</u> 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 <u>dkNET</u>.

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).

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.

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.

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.

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.

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

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).