

# Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

## MSClust

RRID:SCR\_001773

Type: Tool

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### Proper Citation

MSClust (RRID:SCR\_001773)

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### Resource Information

**URL:**

[http://bioinformatics.dreamhosters.com/?page\\_id=113#Genomic\\_Protein\\_Sequence\\_Analysis](http://bioinformatics.dreamhosters.com/?page_id=113#Genomic_Protein_Sequence_Analysis)

**Proper Citation:** MScLust (RRID:SCR\_001773)

**Description:** THIS RESOURCE IS NO LONGER IN SERVICE. Documented on April 10th,2023. An M software package for Clustering 16S rRNA sequences into operational taxonomic units (OTUs). The download link contain the package and some benchmark data sets.

**Abbreviations:** MScLust

**Resource Type:** software resource

**Defining Citation:** [PMID:23899776](#)

**Keywords:** 16s rrna, operational taxonomic unit, 16s rrna read, clustering algorithm, next-generation sequencing, seeds-selection

**Availability:** THIS RESOURCE IS NO LONGER IN SERVICE.

**Resource Name:** MScLust

**Resource ID:** SCR\_001773

**Alternate IDs:** OMICS\_01954

**Alternate URLs:** <http://bioinformatics.med.yale.edu/group/>

**Record Creation Time:** 20220129T080209+0000

**Record Last Update:** 20260905T132439+0000

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### Ratings and Alerts

No rating or validation information has been found for MSClust.

No alerts have been found for MSClust.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Van Hee S, et al. (2024) Differential effects of plant-beneficial fungi on the attraction of the egg parasitoid *Trissolcus basalis* in response to *Nezara viridula* egg deposition. *PloS one*, 19(5), e0304220.

Pegiou E, et al. (2023) Unravelling the seasonal dynamics of the metabolome of white asparagus spears using untargeted metabolomics. *Metabolomics : Official journal of the Metabolomic Society*, 19(4), 23.

Gordon AR, et al. (2023) Human scent as a first-line defense against disease. *Scientific reports*, 13(1), 16709.

da Silva FMR, et al. (2023) Metabolomic Strategies to Improve Chemical Information from OSMAC Studies of Endophytic Fungi. *Metabolites*, 13(2).

Zhang Y, et al. (2023) The Capsicum terpenoid biosynthetic module is affected by spider-mite herbivory. *Plant molecular biology*, 113(4-5), 303.

Barragán-Fonseca KY, et al. (2023) Insect exuviae as soil amendment affect flower reflectance and increase flower production and plant volatile emission. *Plant, cell & environment*, 46(3), 931.

Meesters C, et al. (2023) Limited effects of plant-beneficial fungi on plant volatile composition and host-choice behavior of *Nesidiocoris tenuis*. *Frontiers in plant science*, 14, 1322719.

Bourne ME, et al. (2023) Parasitism causes changes in caterpillar odours and associated bacterial communities with consequences for host-location by a hyperparasitoid. *PLoS pathogens*, 19(3), e1011262.

Leygeber S, et al. (2022) Flavor Profiling Using Comprehensive Mass Spectrometry Analysis of Metabolites in Tomato Soups. *Metabolites*, 12(12).

Häkkinen ST, et al. (2022) Enzyme-treated chicory for cosmetics: application assessment and techno-economic analysis. *AMB Express*, 12(1), 152.

- Garrido A, et al. (2021) Metabolomics of Photosynthetically Active Tissues in White Grapes: Effects of Light Microclimate and Stress Mitigation Strategies. *Metabolites*, 11(4).
- Stein EM, et al. (2021) The Prospective Use of Brazilian Marine Macroalgae in Schistosomiasis Control. *Marine drugs*, 19(5).
- Brini A, et al. (2021) Improved One-Class Modeling of High-Dimensional Metabolomics Data via Eigenvalue-Shrinkage. *Metabolites*, 11(4).
- van Haperen P, et al. (2021) Fine mapping of a thrips resistance QTL in Capsicum and the role of diterpene glycosides in the underlying mechanism. *TAG. Theoretical and applied genetics. Theoretische und angewandte Genetik*, 134(5), 1557.
- Jeon JS, et al. (2021) Impact of root-associated strains of three Paraburkholderia species on primary and secondary metabolism of Brassica oleracea. *Scientific reports*, 11(1), 2781.
- Jeon JS, et al. (2021) Effects of Sulfur Assimilation in Pseudomonas fluorescens SS101 on Growth, Defense, and Metabolome of Different Brassicaceae. *Biomolecules*, 11(11).
- Pegiou E, et al. (2021) Metabolomics Reveals Heterogeneity in the Chemical Composition of Green and White Spears of Asparagus (A. officinalis). *Metabolites*, 11(10).
- Barbey CR, et al. (2021) Genetic Analysis of Methyl Anthranilate, Methylfuran, Linalool, and Other Flavor Compounds in Cultivated Strawberry (Fragaria × ananassa). *Frontiers in plant science*, 12, 615749.
- Wei ZG, et al. (2021) Comparison of Methods for Picking the Operational Taxonomic Units From Amplicon Sequences. *Frontiers in microbiology*, 12, 644012.
- Ntagkas N, et al. (2020) Modulation of the Tomato Fruit Metabolome by LED Light. *Metabolites*, 10(6).