# **Resource Summary Report**

Generated by NIF on Apr 27, 2025

# Mfuzz

RRID:SCR 000523

Type: Tool

### **Proper Citation**

Mfuzz (RRID:SCR\_000523)

#### **Resource Information**

URL: http://mfuzz.sysbiolab.eu/

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Description: Software package for noise-robust soft clustering of gene expression time-

series data (including a graphical user interface).

Synonyms: Mfuzz - Soft clustering of time series gene expression data

Resource Type: software resource

**Defining Citation:** PMID:18084642

**Keywords:** r, time series, gene expression, clustering, microarray, preprocessing, time

course, visualization, bio.tools

Funding:

Availability: GNU General Public License, v2

Resource Name: Mfuzz

Resource ID: SCR\_000523

Alternate IDs: biotools:mfuzz, OMICS\_02012

Alternate URLs: https://bio.tools/mfuzz

Old URLs: http://itb.biologie.hu-berlin.de/~futschik/software/R/Mfuzz/

**Record Creation Time:** 20220129T080202+0000

**Record Last Update:** 20250420T013953+0000

## Ratings and Alerts

No rating or validation information has been found for Mfuzz.

No alerts have been found for Mfuzz.

#### Data and Source Information

Source: SciCrunch Registry

### **Usage and Citation Metrics**

We found 11 mentions in open access literature.

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

Yu Z, et al. (2024) Thermal facial image analyses reveal quantitative hallmarks of aging and metabolic diseases. Cell metabolism, 36(7), 1482.

Lan Q, et al. (2024) Mesenchyme instructs growth while epithelium directs branching in the mouse mammary gland. eLife, 13.

Li X, et al. (2023) Lifespan changes in cannabinoid 1 receptor mRNA expression in the female C57BL/6J mouse brain. The Journal of comparative neurology, 531(2), 294.

Rudjord-Levann AM, et al. (2023) Galectin-1 induces a tumor-associated macrophage phenotype and upregulates indoleamine 2,3-dioxygenase-1. iScience, 26(7), 106984.

Lyu Q, et al. (2022) A small proportion of X-linked genes contribute to X chromosome upregulation in early embryos via BRD4-mediated transcriptional activation. Current biology: CB, 32(20), 4397.

Janas JA, et al. (2022) Tip60-mediated H2A.Z acetylation promotes neuronal fate specification and bivalent gene activation. Molecular cell, 82(24), 4627.

Wang S, et al. (2019) Epigenetic Compensation Promotes Liver Regeneration. Developmental cell, 50(1), 43.

Sumigray KD, et al. (2018) Morphogenesis and Compartmentalization of the Intestinal Crypt. Developmental cell, 45(2), 183.

Li Z, et al. (2018) Co-sequencing and novel delayed anti-correlation identify function for

pancreatic enriched microRNA biomarkers in a rat model of acute pancreatic injury. BMC genomics, 19(1), 297.

Sardina JL, et al. (2018) Transcription Factors Drive Tet2-Mediated Enhancer Demethylation to Reprogram Cell Fate. Cell stem cell, 23(5), 727.

Apostolopoulou M, et al. (2017) Non-monotonic Changes in Progenitor Cell Behavior and Gene Expression during Aging of the Adult V-SVZ Neural Stem Cell Niche. Stem cell reports, 9(6), 1931.