

# Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 31, 2026

## MiRaGE

RRID:SCR\_012738

Type: Tool

### Proper Citation

MiRaGE (RRID:SCR\_012738)

### Resource Information

**URL:** <http://www.bioconductor.org/packages/release/bioc/html/MiRaGE.html>

**Proper Citation:** MiRaGE (RRID:SCR\_012738)

**Description:** Software package that contains functions for inference of target gene regulation by miRNA, based on only target gene expression profile.

**Abbreviations:** MiRaGE

**Resource Type:** software resource

**Resource Name:** MiRaGE

**Resource ID:** SCR\_012738

**Alternate IDs:** OMICS\_00785

**Record Creation Time:** 20220129T080312+0000

**Record Last Update:** 20260725T190735+0000

### Ratings and Alerts

No rating or validation information has been found for MiRaGE.

No alerts have been found for MiRaGE.

### Data and Source Information

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

### Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Morano J, et al. (2025) Multimodal foundation model and benchmark for comprehensive retinal OCT image analysis. *NPJ digital medicine*, 8(1), 576.

Mehndiratta L, et al. (2025) Ester Formation in Alcohol Microdroplet Sprays: Enhanced Reactivity of C8 to C16 Carboxylic Acids with C1 to C3 Alcohols and the Effect of Water. *The journal of physical chemistry. A*, 129(47), 10807.

Belontz SL, et al. (2025) Combining Submicron Spectroscopy Techniques (AFM-IR and O-PTIR) To Detect and Quantify Microplastics and Nanoplastics in Snow from a Utah Ski Resort. *Environmental science & technology*, 59(26), 13362.

de Oliveira AP, et al. (2025) Lipid mediated formation of antiparallel aggregates in cerebral amyloid angiopathy. *Acta neuropathologica*, 150(1), 3.

Jia M, et al. (2024) Advanced nanobubble flotation for enhanced removal of sub-10  $\mu\text{m}$  microplastics from wastewater. *Nature communications*, 15(1), 9079.

Fu P, et al. (2024) INSPIRE: Single-beam probed complementary vibrational bioimaging. *Science advances*, 10(50), eadm7687.

Harding MAR, et al. (2024) Amide groups in 3.7 billion years old liquid inclusions. *Scientific reports*, 14(1), 23189.

Suzuki Y, et al. (2024) Subsurface Microbial Colonization at Mineral-Filled Veins in 2-Billion-Year-Old Mafic Rock from the Bushveld Igneous Complex, South Africa. *Microbial ecology*, 87(1), 116.

Van Vertloo LR, et al. (2023) Changes in symmetric dimethylarginine and glomerular filtration rates in hyperthyroid cats undergoing radioiodine therapy. *Journal of feline medicine and surgery*, 25(3), 1098612X231160128.

Fukunaga T, et al. (2022) Mirage 2.0: fast and memory-efficient reconstruction of gene-content evolution considering heterogeneous evolutionary patterns among gene families. *Bioinformatics (Oxford, England)*, 38(16), 4039.

Böke JS, et al. (2022) Optical photothermal infrared spectroscopy with simultaneously acquired Raman spectroscopy for two-dimensional microplastic identification. *Scientific reports*, 12(1), 18785.

Hancock SJ, et al. (2022) Ucl fimbriae regulation and glycan receptor specificity contribute to gut colonisation by extra-intestinal pathogenic *Escherichia coli*. *PLoS pathogens*, 18(6), e1010582.

Day CJ, et al. (2021) Discovery of Bacterial Fimbria-Glycan Interactions Using Whole-Cell Recombinant *Escherichia coli* Expression. *mBio*, 12(1).

Spadea A, et al. (2021) Analysis of Fixed and Live Single Cells Using Optical Photothermal Infrared with Concomitant Raman Spectroscopy. *Analytical chemistry*, 93(8),

3938.

Ratcliffe N, et al. (2021) The Relative Contributions of Visual and Proprioceptive Inputs on Hand Localization in Early Childhood. *Frontiers in human neuroscience*, 15, 702519.

Walker L, et al. (2020) Attenuation From Shoes and Pads in Equine Nuclear Scintigraphy, With Relevance to Solar Views. *Frontiers in veterinary science*, 7, 516718.

Grobman ME, et al. (2020) Detection of silent reflux events by nuclear scintigraphy in healthy dogs. *Journal of veterinary internal medicine*, 34(4), 1432.

Klementieva O, et al. (2020) Super-Resolution Infrared Imaging of Polymorphic Amyloid Aggregates Directly in Neurons. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 7(6), 1903004.

Keizer A, et al. (2019) Visual perception of the arm manipulates the experienced pleasantness of touch. *Developmental cognitive neuroscience*, 35, 104.

Wu N, et al. (2019) Glycan Markers of Human Stem Cells Assigned with Beam Search Arrays. *Molecular & cellular proteomics : MCP*, 18(10), 1981.