

Resource Summary Report

Generated by [NIF](#) on Sep 2, 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: 20260829T182421+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 33 mentions in open access literature.

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

Goubert C, et al. (2026) Alternatively Spliced Dual-Coding Regions Contribute to the Human Gene Regulatory Program. *bioRxiv : the preprint server for biology*.

Smaje D, et al. (2026) Investigating Salmonella biofilm responses to antibiotic treatment using optical photothermal infrared spectroscopy. *Communications biology*, 9(1).

Kneeland R, et al. (2026) MIRAGE: Robust multi-modal architectures translate fMRI-to-image models from vision to mental imagery. *PLoS computational biology*, 22(5), e1014263.

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.

Nguyen DK, et al. (2025) Sustainable upcycling of polyethylene waste to compatibilizers and valuable chemicals. *Green chemistry : an international journal and green chemistry resource : GC*, 27(40), 12642.

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.

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.

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

Jia M, et al. (2024) Advanced nanobubble flotation for enhanced removal of sub-10 μm microplastics from wastewater. *Nature communications*, 15(1), 9079.

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.

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

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.

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.

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.

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

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.