

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

fRMA

RRID:SCR_001345

Type: Tool

Proper Citation

fRMA (RRID:SCR_001345)

Resource Information

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

Proper Citation: fRMA (RRID:SCR_001345)

Description: Preprocessing and analysis software for single microarrays and microarray batches.

Abbreviations: fRMA

Synonyms: fRMA - Frozen RMA and Barcode

Resource Type: software resource

Defining Citation: [PMID:23044545](#)

Keywords: microarray, preprocessing, bio.tools

Availability: Free, Available for download, Freely available

Resource Name: fRMA

Resource ID: SCR_001345

Alternate IDs: biotools:frma, OMICS_01994

Alternate URLs: <https://bio.tools/frma>

License: GNU General Public License, v2 or newer

Record Creation Time: 20220129T080207+0000

Record Last Update: 20260808T185728+0000

Ratings and Alerts

No rating or validation information has been found for fRMA.

No alerts have been found for fRMA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 76 mentions in open access literature.

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

Liu J, et al. (2026) Zinc finger protein Y - linked as a potential biomarker for autoimmune hepatitis and multiple sclerosis which overlap with immune infiltration. Scientific reports, 16(1).

Li X, et al. (2026) Activated ATF6? is a hepatic tumour driver restricting immunosurveillance. Nature, 651(8106), 796.

Liu B, et al. (2024) A variational autoencoder trained with priors from canonical pathways increases the interpretability of transcriptome data. PLoS computational biology, 20(7), e1011198.

Poussin C, et al. (2024) Blood and urine multi-omics analysis of the impact of e-vaping, smoking, and cessation: from exposome to molecular responses. Scientific reports, 14(1), 4286.

Brito DMS, et al. (2023) A Shortcut from Genome to Drug: The Employment of Bioinformatic Tools to Find New Targets for Gastric Cancer Treatment. Pharmaceuticals, 15(9).

Samadishadlou M, et al. (2023) Unlocking the potential of microRNAs: machine learning identifies key biomarkers for myocardial infarction diagnosis. Cardiovascular diabetology, 22(1), 247.

Lesbon JCC, et al. (2022) A Screening of Epigenetic Therapeutic Targets for Non-Small Cell Lung Cancer Reveals PADI4 and KDM6B as Promising Candidates. International journal of molecular sciences, 23(19).

Guntur VP, et al. (2022) Refractory neutrophilic asthma and ciliary genes. The Journal of allergy and clinical immunology, 149(6), 1970.

Magalhaes J, et al. (2021) PIAS2-mediated blockade of IFN- γ signaling: a basis for sporadic Parkinson disease dementia. Molecular psychiatry, 26(10), 6083.

Yang Y, et al. (2021) NQO1 promotes an aggressive phenotype in hepatocellular carcinoma via amplifying ERK-NRF2 signaling. Cancer science, 112(2), 641.

Shrestha S, et al. (2021) Role of HRTPT in kidney proximal epithelial cell regeneration: Integrative differential expression and pathway analyses using microarray and scRNA-seq. *Journal of cellular and molecular medicine*, 25(22), 10466.

Martins Conde P, et al. (2021) A dynamic multi-tissue model to study human metabolism. *NPJ systems biology and applications*, 7(1), 5.

Tian S, et al. (2021) Gene expression barcode values reveal a potential link between Parkinson's disease and gastric cancer. *Aging*, 13(4), 6171.

Mannheimer JD, et al. (2021) Predicting chemosensitivity using drug perturbed gene dynamics. *BMC bioinformatics*, 22(1), 15.

Vilarrasa-Blasi R, et al. (2021) Dynamics of genome architecture and chromatin function during human B cell differentiation and neoplastic transformation. *Nature communications*, 12(1), 651.

Gawe? AM, et al. (2021) Analysis of the Role of FRMD5 in the Biology of Papillary Thyroid Carcinoma. *International journal of molecular sciences*, 22(13).

Sowamber R, et al. (2020) Integrative Transcriptome Analyses of the Human Fallopian Tube: Fimbria and Ampulla-Site of Origin of Serous Carcinoma of the Ovary. *Cancers*, 12(5).

Petitprez F, et al. (2020) The murine Microenvironment Cell Population counter method to estimate abundance of tissue-infiltrating immune and stromal cell populations in murine samples using gene expression. *Genome medicine*, 12(1), 86.

Gruber T, et al. (2020) IL-32? potentiates tumor immunity in melanoma. *JCI insight*, 5(18).

Song M, et al. (2020) High stromal nicotinamide N-methyltransferase (NNMT) indicates poor prognosis in colorectal cancer. *Cancer medicine*, 9(6), 2030.