Resource Summary Report

Generated by NIF on Apr 25, 2025

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

Funding:

Availability: GNU General Public License, v2 or newer

Resource Name: fRMA

Resource ID: SCR_001345

Alternate IDs: biotools:frma, OMICS_01994

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

Record Creation Time: 20220129T080207+0000

Record Last Update: 20250420T014027+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 74 mentions in open access literature.

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

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. Pharmaceutics, 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-? signaling: a basis for sporadic Parkinson disease dementia. Molecular psychiatry, 26(10), 6083.

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

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.

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

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

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

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).

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.

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).

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

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).

Gonzalez Curto G, et al. (2020) The PAX-FOXO1s trigger fast trans-differentiation of chick embryonic neural cells into alveolar rhabdomyosarcoma with tissue invasive properties limited by S phase entry inhibition. PLoS genetics, 16(11), e1009164.

Nikmanesh F, et al. (2020) Omics Integration Analysis Unravel the Landscape of Driving Mechanisms of Colorectal Cancer. Asian Pacific journal of cancer prevention : APJCP, 21(12), 3539.