

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](http://FDI Lab - SciCrunch.org) on Apr 1, 2025

## affyPLM

RRID:SCR\_001319

Type: Tool

---

### Proper Citation

affyPLM (RRID:SCR\_001319)

---

### Resource Information

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

**Proper Citation:** affyPLM (RRID:SCR\_001319)

**Description:** Software for fitting probe-level models and tools using these models. Probe-level models (PLM) based quality assessment tools.

**Abbreviations:** affyPLM

**Synonyms:** affyPLM - Methods for fitting probe-level models

**Resource Type:** software resource

**Keywords:** microarray, one channel, preprocessing, quality control

**Funding:**

**Availability:** GNU General Public License, v2 or newer

**Resource Name:** affyPLM

**Resource ID:** SCR\_001319

**Alternate IDs:** OMICS\_02017

**Record Creation Time:** 20220129T080206+0000

**Record Last Update:** 20250214T182934+0000

---

### Ratings and Alerts

No rating or validation information has been found for affyPLM.

No alerts have been found for affyPLM.

---

## Data and Source Information

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

---

## Usage and Citation Metrics

We found 157 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Jovi?i? SM, et al. (2025) Analysis of total RNA as a potential biomarker of Parkinson's disease in silico. *International journal of immunopathology and pharmacology*, 39, 3946320241297738.

Yan M, et al. (2024) Chalkiness and premature controlled by energy homeostasis in OsNAC02 Ko-mutant during vegetative endosperm development. *BMC plant biology*, 24(1), 196.

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.

Sadozai H, et al. (2024) High hypoxia status in pancreatic cancer is associated with multiple hallmarks of an immunosuppressive tumor microenvironment. *Frontiers in immunology*, 15, 1360629.

Gatti DM, et al. (2024) Systems genetics uncover new loci containing functional gene candidates in Mycobacterium tuberculosis-infected Diversity Outbred mice. *PLoS pathogens*, 20(6), e1011915.

Qi J, et al. (2024) Exploring Potential Biomarkers and Molecular Mechanisms of Cutaneous Squamous Cell Carcinoma Based on Bioinformatics. *OncoTargets and therapy*, 17, 841.

Toyama T, et al. (2023) GATA6 coordinates cross-talk between BMP10 and oxidative stress axis in pulmonary arterial hypertension. *Scientific reports*, 13(1), 6593.

Xu C, et al. (2023) ZDHHC9: a promising therapeutic target for triple-negative breast cancer through immune modulation and immune checkpoint blockade resistance. *Discover. Oncology*, 14(1), 191.

Yao L, et al. (2023) LRRK2 Gly2019Ser Mutation Promotes ER Stress via Interacting with THBS1/TGF-?1 in Parkinson's Disease. *Advanced science (Weinheim, Baden-Wurttemberg,*

Germany), 10(30), e2303711.

Gatti DM, et al. (2023) Systems genetics uncover new loci containing functional gene candidates in Mycobacterium tuberculosis-infected Diversity Outbred mice. bioRxiv : the preprint server for biology.

Zhu XN, et al. (2023) FBXO22 promotes leukemogenesis by targeting BACH1 in MLL-rearranged acute myeloid leukemia. Journal of hematology & oncology, 16(1), 9.

Muñoz-Marín MDC, et al. (2023) Open ocean and coastal strains of the N2-fixing cyanobacterium UCYN-A have distinct transcriptomes. PloS one, 18(5), e0272674.

Paul I, et al. (2023) Parallelized multidimensional analytic framework applied to mammary epithelial cells uncovers regulatory principles in EMT. Nature communications, 14(1), 688.

Voelker P, et al. (2023) Molecular Mechanisms for Changing Brain Connectivity in Mice and Humans. International journal of molecular sciences, 24(21).

Garcia-Mora J, et al. (2023) The T2-FLAIR mismatch sign as an imaging biomarker for oligodendrogliomas in dogs. Journal of veterinary internal medicine, 37(4), 1447.

Dong X, et al. (2022) The initial expression alterations occurring to transcription factors during the formation of breast cancer: Evidence from bioinformatics. Cancer medicine, 11(5), 1371.

Federico A, et al. (2022) The integration of large-scale public data and network analysis uncovers molecular characteristics of psoriasis. Human genomics, 16(1), 62.

Serra A, et al. (2022) Computationally prioritized drugs inhibit SARS-CoV-2 infection and syncytia formation. Briefings in bioinformatics, 23(1).

Cheng L, et al. (2022) Effects of combination treatment with durvalumab plus tremelimumab on the tumor microenvironment in non-small-cell lung carcinoma. Cancer immunology, immunotherapy : CII, 71(5), 1167.

Cheng T, et al. (2022) Investigation of hub genes involved in Turner syndrome using biological informatics methods. Medicine, 101(11).