

Resource Summary Report

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[affy](#)

RRID:SCR_012835

Type: Tool

Proper Citation

affy (RRID:SCR_012835)

Resource Information

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

Proper Citation: affy (RRID:SCR_012835)

Description: Software R package of functions and classes for the analysis of oligonucleotide arrays manufactured by Affymetrix. Used to process probe level data and for exploratory oligonucleotide array analysis.

Abbreviations: Affy

Synonyms: Affymetrix, analysis of Affymetrix GeneChip data at the probe level, analysis of Affymetrix GeneChip data

Resource Type: data processing software, software resource, data analysis software, software application

Defining Citation: [PMID:14960456](#)

Keywords: analysis, oligonucleotide, array, Affymetrix, process, probe, data, function, bio.tools

Funding: Danish Biotechnology Instrument Center

Availability: Free, Available for download, Freely available

Resource Name: affy

Resource ID: SCR_012835

Alternate IDs: BioTools:affy, OMICS_00740, biotools:affy

Alternate URLs: <https://bio.tools/affy>, <https://sources.debian.org/src/r-bioc-affy/>

License: GPL

Record Creation Time: 20220129T080312+0000

Record Last Update: 20260818T043440+0000

Ratings and Alerts

No rating or validation information has been found for affy.

No alerts have been found for affy.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3073 mentions in open access literature.

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

Gómez-Pascual A, et al. (2026) The Smarcal1-Usp37 locus modulates glycogen aggregation in astrocytes of the aged hippocampus. *Cell systems*, 17(2), 101488.

Chen Q, et al. (2026) A PIK3CA and NF1 expression-based prognostic signature derived from Mendelian randomization identifies causal immune-regulatory determinants of glioblastoma outcomes. *Discover oncology*, 17(1).

Li Y, et al. (2026) Computational identification of diagnostic biomarkers linking Dibutyl phthalate exposure to ovarian cancer through network toxicology and machine learning. *Discover oncology*, 17(1).

Li M, et al. (2026) M2 macrophage associated genes shape prognosis and tumor progression in human colorectal cancer. *iScience*, 29(6), 116230.

Chianese U, et al. (2026) Glycolytic heterogeneity drives metabolic-targeted therapy in pancreatic ductal adenocarcinoma. *Signal transduction and targeted therapy*, 11(1), 25.

Cheng S, et al. (2026) A Lamp2a-linked RNA secreted by ADSCs prevents ENO1-lactylation-glycolysis feedback and cell malignant behavior in triple-negative breast cancer. *Cell death & disease*, 17(1).

Yin Y, et al. (2026) Identification of molecular diagnostic markers and potential therapeutic drugs for Sjögren's syndrome. *Scientific reports*, 16(1).

Solé L, et al. (2026) ColoStem, a core oncofetal signature that identifies poor prognosis colorectal tumors. *British journal of cancer*, 134(4), 638.

Yin J, et al. (2026) Chronic Hypoxia Disrupts Spermatogenesis Through ASXL2-EZH2-Mediated Microtubule Destabilization. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(26), e01266.

Khoshandam M, et al. (2026) Expression Analysis of VEGF-Related Hub Genes and Pathways in Breast Cancer: A Comprehensive Bioinformatics Analysis. Iranian journal of medical sciences, 51(2), 126.

Jiang J, et al. (2026) A comprehensive analysis of palmitoylation related genes in lung adenocarcinoma. Discover oncology, 17(1).

Sveen A, et al. (2026) Pembrolizumab in advanced malignant peripheral nerve sheath tumors: a single-arm phase 2 trial. NPJ precision oncology, 10(1).

Liu YJ, et al. (2026) Dissecting molecular heterogeneity in primary gastric cancer by IGFBP7-related analysis. Journal of translational medicine, 24(1).

Shahraki F, et al. (2026) Stage-specific biomarkers in triple-negative breast cancer: Preliminary findings from bioinformatics approaches. Cancer biomarkers : section A of Disease markers, 43, 18758592261454886.

Kryeziu K, et al. (2026) Patient-derived organoids from metastatic colorectal cancer mirror tumor heterogeneity and predict patient survival and drug sensitivity. Cell reports. Medicine, 7(6), 102840.

Meng Y, et al. (2026) Microglia Attenuate Neuroinflammation After Subarachnoid Hemorrhage by Modulating Astrocyte Phenotypic Transformation via the RAR γ /Mafk/Msr1 Pathway. Molecular neurobiology, 63(1).

Banerjee S, et al. (2026) Tumor-infiltrating lymphocytes display prognostic signatures associated with chemotherapy response in TNBC patients. iScience, 29(6), 116295.

Matteo G, et al. (2026) Cross-study analysis identifies estrogen depletion and exposure duration as key determinants of bisphenol A transcriptomic potency in MCF-7 cells. Toxicology reports, 17, 102305.

Huang Y, et al. (2026) Integration of Single-cell and Bulk Transcriptome Analyses Unravels a Macrophage-based Gene Signature for Prognostication and Treatment in Triple-negative Breast Cancer. International journal of medical sciences, 23(1), 253.

Li LI, et al. (2026) Augmenter of Liver Regeneration Enhances Hepatocellular Carcinoma Cell Growth Through COX-2-associated Signaling. Cancer genomics & proteomics, 23(1), 109.