

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

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: 20260808T190017+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 [SPARC SAWG](#) .

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

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).

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.

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

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

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.

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

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 α /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.