affy

RRID:SCR_012835
Type: Tool

Proper Citation

affy (RRID:SCR_012835)

Resource Information


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

Defining Citation: PMID:14960456

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

Funding Agency: 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


Record Creation Time: 20220129T080312+0000

Record Last Update: 20240616T053710+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 2751 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.


Prokakis E, et al. (2024) USP22 supports the aggressive behavior of basal-like breast cancer by stimulating cellular respiration. Cell communication and signaling : CCS, 22(1), 120.


Bodac A, et al. (2024) Bcl-xL targeting eliminates ageing tumor-promoting neutrophils and inhibits lung tumor growth. EMBO molecular medicine, 16(1), 158.
Cong S, et al. (2024) KIF26B and CREB3L1 Derived from Immunoscore Could Inhibit the Progression of Ovarian Cancer. Journal of immunology research, 2024, 4817924.


Guan Y, et al. (2024) Comprehensive analysis revealed the immunoinflammatory targets of rheumatoid arthritis based on intestinal flora, miRNA, transcription factors, and RNA-binding proteins databases, GSEA and GSVA pathway observations, and immunoinfiltration typing. Hereditas, 161(1), 6.


Jia Y, et al. (2024) Lipid metabolism-related genes are involved in the occurrence of asthma and regulate the immune microenvironment. BMC genomics, 25(1), 129.

Shao T, et al. (2024) A machine learning model identifies M3-like subtype in AML based on PML/RARα targets. iScience, 27(2), 108947.

Santhosh Kumar S, et al. (2024) Sequential CRISPR screening reveals partial NatB inhibition as a strategy to mitigate alpha-synuclein levels in human neurons. Science advances, 10(6), eadj4767.

Hao S, et al. (2024) SPRR1B is Related to the Immune Microenvironment and Can Be Used as a Biomarker for the Diagnosis of Psoriasis. International journal of general medicine, 17, 401.


Smits WK, et al. (2023) Elevated enhancer-oncogene contacts and higher oncogene expression levels by recurrent CTCF inactivating mutations in acute T cell leukemia. Cell reports, 42(4), 112373.

Kisling SG, et al. (2023) A Novel HOXA10-Associated 5-Gene-Based Prognostic Signature for Stratification of Short-term Survivors of Pancreatic Ductal Adenocarcinoma. Clinical cancer research : an official journal of the American Association for Cancer Research,