

Resource Summary Report

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[Aroma.affymetrix](#)

RRID:SCR_010919

Type: Tool

Proper Citation

Aroma.affymetrix (RRID:SCR_010919)

Resource Information

URL: <http://aroma-project.org/>

Proper Citation: Aroma.affymetrix (RRID:SCR_010919)

Description: An R package for analyzing large Affymetrix data sets.

Abbreviations: Aroma.affymetrix

Resource Type: software resource

Keywords: bio.tools

Resource Name: Aroma.affymetrix

Resource ID: SCR_010919

Alternate IDs: OMICS_00703, biotools:aroma.affymetrix

Alternate URLs: <https://bio.tools/aroma.affymetrix>

Record Creation Time: 20220129T080301+0000

Record Last Update: 20260725T190705+0000

Ratings and Alerts

No rating or validation information has been found for Aroma.affymetrix.

No alerts have been found for Aroma.affymetrix.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 32 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Köferle A, et al. (2022) Interrogation of cancer gene dependencies reveals paralog interactions of autosome and sex chromosome-encoded genes. *Cell reports*, 39(2), 110636.

Hanna BS, et al. (2021) Interleukin-10 receptor signaling promotes the maintenance of a PD-1^{int} TCF-1⁺ CD8⁺ T cell population that sustains anti-tumor immunity. *Immunity*, 54(12), 2825.

Ortiz-Estévez M, et al. (2021) Integrative multi-omics identifies high risk multiple myeloma subgroup associated with significant DNA loss and dysregulated DNA repair and cell cycle pathways. *BMC medical genomics*, 14(1), 295.

Guyon C, et al. (2020) Aire-dependent genes undergo Clp1-mediated 3'UTR shortening associated with higher transcript stability in the thymus. *eLife*, 9.

Li Z, et al. (2020) Comprehensive identification and characterization of somatic copy number alterations in triple-negative breast cancer. *International journal of oncology*, 56(2), 522.

Del Carmen S, et al. (2020) Prognostic implications of EGFR protein expression in sporadic colorectal tumors: Correlation with copy number status, mRNA levels and miRNA regulation. *Scientific reports*, 10(1), 4662.

Marin E, et al. (2019) Human Tolerogenic Dendritic Cells Regulate Immune Responses through Lactate Synthesis. *Cell metabolism*, 30(6), 1075.

Bhutta MF, et al. (2019) Transcript Analysis Reveals a Hypoxic Inflammatory Environment in Human Chronic Otitis Media With Effusion. *Frontiers in genetics*, 10, 1327.

Pellinen T, et al. (2018) ITGB1-dependent upregulation of Caveolin-1 switches TGF- β signalling from tumour-suppressive to oncogenic in prostate cancer. *Scientific reports*, 8(1), 2338.

Gracio F, et al. (2017) Splicing imbalances in basal-like breast cancer underpin perturbation of cell surface and oncogenic pathways and are associated with patients' survival. *Scientific reports*, 7, 40177.

Abbuehl JP, et al. (2017) Long-Term Engraftment of Primary Bone Marrow Stromal Cells Repairs Niche Damage and Improves Hematopoietic Stem Cell Transplantation. *Cell stem cell*, 21(2), 241.

Böttcher R, et al. (2016) Human PDE4D isoform composition is deregulated in primary prostate cancer and indicative for disease progression and development of distant metastases. *Oncotarget*, 7(43), 70669.

Liu K, et al. (2015) Overexpression of FGFR2 contributes to inherent resistance to MET inhibitors in MET-amplified patient-derived gastric cancer xenografts. *Oncology letters*, 10(4), 2003.

Bosch PJ, et al. (2015) mRNA and microRNA analysis reveals modulation of biochemical pathways related to addiction in the ventral tegmental area of methamphetamine self-administering rats. *BMC neuroscience*, 16, 43.

Böttcher R, et al. (2015) Novel long non-coding RNAs are specific diagnostic and prognostic markers for prostate cancer. *Oncotarget*, 6(6), 4036.

Van der Goten J, et al. (2014) Integrated miRNA and mRNA expression profiling in inflamed colon of patients with ulcerative colitis. *PloS one*, 9(12), e116117.

Lee W, et al. (2014) PRC2 is recurrently inactivated through EED or SUZ12 loss in malignant peripheral nerve sheath tumors. *Nature genetics*, 46(11), 1227.

Rodrigo-Domingo M, et al. (2014) Reproducible probe-level analysis of the Affymetrix Exon 1.0 ST array with R/Bioconductor. *Briefings in bioinformatics*, 15(4), 519.

Katsogiannou M, et al. (2014) The functional landscape of Hsp27 reveals new cellular processes such as DNA repair and alternative splicing and proposes novel anticancer targets. *Molecular & cellular proteomics : MCP*, 13(12), 3585.

de Rinaldis E, et al. (2013) Integrated genomic analysis of triple-negative breast cancers reveals novel microRNAs associated with clinical and molecular phenotypes and sheds light on the pathways they control. *BMC genomics*, 14, 643.