

Resource Summary Report

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Transcriptome Analysis Console

RRID:SCR_016519

Type: Tool

Proper Citation

Transcriptome Analysis Console (RRID:SCR_016519)

Resource Information

URL: <https://www.thermofisher.com/tw/zt/home/life-science/microarray-analysis/microarray-analysis-instruments-software-services/microarray-analysis-software/affymetrix-transcriptome-analysis-console-software.html>

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Description: Software tool for microarray analysis designed for biologists . Used for identification of differential expression by providing interactive visualizations.

Abbreviations: TAC

Synonyms: TAC:Transcriptome Analysis Console

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

Keywords: transcriptome, analysis, console, data, array, gene, visualization, identify

Availability: Commercially available

Resource Name: Transcriptome Analysis Console

Resource ID: SCR_016519

Record Creation Time: 20220129T080331+0000

Record Last Update: 20260912T195840+0000

Ratings and Alerts

No rating or validation information has been found for Transcriptome Analysis Console.

No alerts have been found for Transcriptome Analysis Console.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Hayes K, et al. (2025) Microarray analysis of the effects of Acthar Gel versus methylprednisolone in a model of focal segmental glomerulosclerosis in female rats. *Physiological reports*, 13(7), e70321.

Marques-da-Silva C, et al. (2025) Type I interferons induce guanylate-binding proteins and lysosomal defense in hepatocytes to control malaria. *Cell host & microbe*, 33(4), 529.

Park VS, et al. (2025) Lipid Composition Alters Ferroptosis Sensitivity. *Cancer research*, 85(22), 4380.

Emmanuel T, et al. (2024) Secukinumab and Dead Sea Climatotherapy Impact Resolved Psoriasis Skin Differently Potentially Affecting Disease Memory. *International journal of molecular sciences*, 25(11).

Nakai M, et al. (2024) RNA-modifying enzyme Alkbh8 is involved in mouse embryonic development. *iScience*, 27(9), 110777.

Kao YR, et al. (2024) An iron rheostat controls hematopoietic stem cell fate. *Cell stem cell*, 31(3), 378.

Casciaro C, et al. (2023) Glucocorticoid exposure modifies the miRNA profile of sperm in the guinea pig: Implications for intergenerational transmission. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 37(4), e22879.

Huntington KE, et al. (2023) GSK-3 Inhibitor Elraglusib Enhances Tumor-Infiltrating Immune Cell Activation in Tumor Biopsies and Synergizes with Anti-PD-L1 in a Murine Model of Colorectal Cancer. *International journal of molecular sciences*, 24(13).

Huntington KE, et al. (2023) GSK-3 inhibitor elraglusib enhances tumor-infiltrating immune cell activation in tumor biopsies and synergizes with anti-PD-L1 in a murine model of colorectal cancer. *bioRxiv : the preprint server for biology*.

Socodato R, et al. (2023) Microglial Rac1 is essential for experience-dependent brain plasticity and cognitive performance. *Cell reports*, 42(12), 113447.

Reinitz F, et al. (2022) Inhibiting USP16 rescues stem cell aging and memory in an Alzheimer's model. *eLife*, 11.

Clements D, et al. (2022) Cross talk between LAM cells and fibroblasts may influence alveolar epithelial cell behavior in lymphangioleiomyomatosis. *American journal of*

physiology. Lung cellular and molecular physiology, 322(2), L283.

Tredicine M, et al. (2022) A TLR/CD44 axis regulates T cell trafficking in experimental and human multiple sclerosis. iScience, 25(2), 103763.

McGuirk S, et al. (2021) Resistance to different anthracycline chemotherapeutics elicits distinct and actionable primary metabolic dependencies in breast cancer. eLife, 10.

Martos SN, et al. (2020) Single-cell analyses identify dysfunctional CD16⁺ CD8 T cells in smokers. Cell reports. Medicine, 1(4).

Zhou T, et al. (2020) Piezo1/2 mediate mechanotransduction essential for bone formation through concerted activation of NFAT-YAP1- β -catenin. eLife, 9.

Frank S, et al. (2019) yylncT Defines a Class of Divergently Transcribed lncRNAs and Safeguards the T-mediated Mesodermal Commitment of Human PSCs. Cell stem cell, 24(2), 318.

Karpus ON, et al. (2019) Colonic CD90⁺ Crypt Fibroblasts Secrete Semaphorins to Support Epithelial Growth. Cell reports, 26(13), 3698.

Spella M, et al. (2019) Club cells form lung adenocarcinomas and maintain the alveoli of adult mice. eLife, 8.

Jeffery N, et al. (2019) Cellular stressors may alter islet hormone cell proportions by moderation of alternative splicing patterns. Human molecular genetics, 28(16), 2763.