

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

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: 20260729T044420+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 19 mentions in open access literature.

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

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.

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. *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.

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).

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.

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

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

Frank S, et al. (2019) *yyIncT* 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.

Braza MS, et al. (2018) Inhibiting Inflammation with Myeloid Cell-Specific Nanobiologics Promotes Organ Transplant Acceptance. *Immunity*, 49(5), 819.