

Resource Summary Report

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ArrayTrack

RRID:SCR_012839

Type: Tool

Proper Citation

ArrayTrack (RRID:SCR_012839)

Resource Information

URL: <http://www.fda.gov/ScienceResearch/BioinformaticsTools/Arraytrack/default.htm>

Proper Citation: ArrayTrack (RRID:SCR_012839)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on May 23,2023. Provides an integrated solution for managing, analyzing, and interpreting microarray gene expression data.

Abbreviations: ArrayTrack

Resource Type: software resource

Funding:

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: ArrayTrack

Resource ID: SCR_012839

Alternate IDs: OMICS_00851

Record Creation Time: 20220129T080312+0000

Record Last Update: 20250420T014621+0000

Ratings and Alerts

No rating or validation information has been found for ArrayTrack.

No alerts have been found for ArrayTrack.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 66 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Li T, et al. (2024) Bridging organ transcriptomics for advancing multiple organ toxicity assessment with a generative AI approach. NPJ digital medicine, 7(1), 310.

Shijimaya T, et al. (2024) Distinct microbiome dysbiosis and epigenetic anomaly in esophageal adenocarcinoma and its underlying Barrett's esophagus. Clinical epigenetics, 16(1), 184.

Li M, et al. (2024) Geographic origin shapes the adaptive divergences of Rotaria rotatoria (Rotifera, Bdelloidea) to thermal stress: Insights from ecology and transcriptomics. Ecology and evolution, 14(4), e11307.

Sun H, et al. (2024) Excessive level of dietary insect protein negatively changed growth metabolomic and transcriptomic profiles of largemouth bass (Micropterus salmoides). Animal nutrition (Zhongguo xu mu shou yi xue hui), 17, 397.

Hu H, et al. (2023) Dysfunction of Prkcaa Links Social Behavior Defects with Disturbed Circadian Rhythm in Zebrafish. International journal of molecular sciences, 24(4).

Liu R, et al. (2022) Understanding the Function and Mechanism of Zebrafish Tmem39b in Regulating Cold Resistance. International journal of molecular sciences, 23(19).

Meier T, et al. (2021) Gene networks and transcriptional regulators associated with liver cancer development and progression. BMC medical genomics, 14(1), 41.

de Conti A, et al. (2020) Butyrate-containing structured lipids inhibit RAC1 and epithelial-to-mesenchymal transition markers: a chemopreventive mechanism against hepatocarcinogenesis. The Journal of nutritional biochemistry, 86, 108496.

Ishizaki T, et al. (2020) Genome-wide DNA methylation analysis identifies promoter hypermethylation in canine malignant melanoma. Research in veterinary science, 132, 521.

Fuscoe JC, et al. (2020) Hepatic Transcript Profiles of Cytochrome P450 Genes Predict Sex Differences in Drug Metabolism. *Drug metabolism and disposition: the biological fate of chemicals*, 48(6), 447.

Wei P, et al. (2020) Divergence and Convergence of Cerebral Ischemia Pathways Profile Deciphers Differential Pure Additive and Synergistic Mechanisms. *Frontiers in pharmacology*, 11, 80.

Gao X, et al. (2020) Hepatocyte-like cells derived from human induced pluripotent stem cells using small molecules: implications of a transcriptomic study. *Stem cell research & therapy*, 11(1), 393.

Chung W, et al. (2019) Genomic and epigenomic predictors of response to guadecitabine in relapsed/refractory acute myelogenous leukemia. *Clinical epigenetics*, 11(1), 106.

Zhang Y, et al. (2019) Genome Analysis Reveals a Synergistic Mechanism of Ursodeoxycholic Acid and Jasminoidin in Mice Brain Repair After Ischemia/Reperfusion: Crosstalk Among Multi-Pathways. *Frontiers in pharmacology*, 10, 1383.

Berthier CC, et al. (2019) Molecular Profiling of Cutaneous Lupus Lesions Identifies Subgroups Distinct from Clinical Phenotypes. *Journal of clinical medicine*, 8(8).

Xu L, et al. (2019) Novel reference genes in colorectal cancer identify a distinct subset of high stage tumors and their associated histologically normal colonic tissues. *BMC medical genetics*, 20(1), 138.

Liao J, et al. (2018) Network pharmacology study reveals energy metabolism and apoptosis pathways-mediated cardioprotective effects of Shenqi Fuzheng. *Journal of ethnopharmacology*, 227, 155.

Dott W, et al. (2018) Integrated metabolic models for xenobiotic induced mitochondrial toxicity in skeletal muscle. *Redox biology*, 14, 198.

Schiavon E, et al. (2018) Neuroinflammation and ER-stress are key mechanisms of acute bilirubin toxicity and hearing loss in a mouse model. *PloS one*, 13(8), e0201022.

Callegari K, et al. (2018) Pharmacological inhibition of LSD1 activity blocks REST-dependent medulloblastoma cell migration. *Cell communication and signaling : CCS*, 16(1), 60.