

Resource Summary Report

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GeneTraffic

RRID:SCR_008651

Type: Tool

Proper Citation

GeneTraffic (RRID:SCR_008651)

Resource Information

URL: <https://www.stat.auckland.ac.nz/~paul/plaudits/lobion.htm>

Proper Citation: GeneTraffic (RRID:SCR_008651)

Description: GeneTraffic is a web-based microarray data analysis and management software developed by lobion Informatics that allows users to log onto a server, upload their microarray data and perform analysis and project management remotely. GeneTraffic was made by lobion Informatics (now under Stratagene) and can be accessed thorough Internet Explorer 6.0 or greater on Windows XP.

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

Keywords: gene, data, management, microarray, software

Resource Name: GeneTraffic

Resource ID: SCR_008651

Alternate IDs: nif-0000-33028

Record Creation Time: 20220129T080248+0000

Record Last Update: 20260819T044228+0000

Ratings and Alerts

No rating or validation information has been found for GeneTraffic.

No alerts have been found for GeneTraffic.

Data and Source Information

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Yan Y, et al. (2025) Substrate Stiffness Modulates TGF- β 1-Induced Lineage Specification in Multipotent Vascular Stem Cells. *Cells*, 14(8).

Le Dour C, et al. (2022) Actin-microtubule cytoskeletal interplay mediated by MRTF-A/SRF signaling promotes dilated cardiomyopathy caused by LMNA mutations. *Nature communications*, 13(1), 7886.

Vignier N, et al. (2021) The non-muscle ADF/cofilin-1 controls sarcomeric actin filament integrity and force production in striated muscle laminopathies. *Cell reports*, 36(8), 109601.

Waldner DM, et al. (2018) Cone dystrophy and ectopic synaptogenesis in a *Cacna1f* loss of function model of congenital stationary night blindness (*CSNB2A*). *Channels (Austin, Tex.)*, 12(1), 17.

Lloyd MG, et al. (2017) Targeting the alternative sigma factor RpoN to combat virulence in *Pseudomonas aeruginosa*. *Scientific reports*, 7(1), 12615.

Wu MY, et al. (2017) H2B ubiquitylation and the histone chaperone Asf1 cooperatively mediate the formation and maintenance of heterochromatin silencing. *Nucleic acids research*, 45(14), 8225.

Amen AM, et al. (2017) A Rapid Induction Mechanism for Lin28a in Trophic Responses. *Molecular cell*, 65(3), 490.

Bigorgne AE, et al. (2016) TLR4-Dependent Secretion by Hepatic Stellate Cells of the Neutrophil-Chemoattractant CXCL1 Mediates Liver Response to Gut Microbiota. *PloS one*, 11(3), e0151063.

Halievski K, et al. (2015) Transcriptional profile of muscle following acute induction of symptoms in a mouse model of Kennedy's disease/spinobulbar muscular atrophy. *PloS one*, 10(2), e0118120.

Lacin H, et al. (2014) Genome-wide identification of *Drosophila* Hb9 targets reveals a pivotal role in directing the transcriptome within eight neuronal lineages, including activation of nitric oxide synthase and Fd59a/Fox-D. *Developmental biology*, 388(1), 117.

Feugang JM, et al. (2010) Transcriptome analysis of bull spermatozoa: implications for male fertility. *Reproductive biomedicine online*, 21(3), 312.

Yasmin R, et al. (2010) Inhibition of mammary carcinoma cell growth by RXR is mediated by the receptor's oligomeric switch. *Journal of molecular biology*, 397(5), 1121.

Prasad RC, et al. (2009) Identification of genes, including the gene encoding p27Kip1, regulated by serine 276 phosphorylation of the p65 subunit of NF-kappaB. *Cancer letters*, 275(1), 139.

Krichevsky A, et al. (2009) Regulation of root elongation by histone acetylation in *Arabidopsis*. *Journal of molecular biology*, 385(1), 45.

Cimino PJ, et al. (2009) DOCK2 is a microglial specific regulator of central nervous system innate immunity found in normal and Alzheimer's disease brain. *The American journal of pathology*, 175(4), 1622.

Chen CH, et al. (2009) Genome-wide analysis of light-inducible responses reveals hierarchical light signalling in *Neurospora*. *The EMBO journal*, 28(8), 1029.

Li J, et al. (2009) Relationships between deficits in tissue mass and transcriptional programs after partial hepatectomy in mice. *The American journal of pathology*, 175(3), 947.

Spink BC, et al. (2009) Long-term estrogen exposure promotes carcinogen bioactivation, induces persistent changes in gene expression, and enhances the tumorigenicity of MCF-7 human breast cancer cells. *Toxicology and applied pharmacology*, 240(3), 355.

Vanya Ewart K, et al. (2008) The early response of Atlantic salmon (*Salmo salar*) macrophages exposed in vitro to *Aeromonas salmonicida* cultured in broth and in fish. *Developmental and comparative immunology*, 32(4), 380.

D'Souza M, et al. (2008) Novel approach to select genes from RMA normalized microarray data using functional hearing tests in aging mice. *Journal of neuroscience methods*, 171(2), 279.