Resource Summary Report

Generated by dkNET on Apr 24, 2025

MiChip

RRID:SCR_001341
Type: Tool

Proper Citation

MiChip (RRID:SCR_001341)

Resource Information

URL: http://www.bioconductor.org/packages/release/bioc/html/MiChip.html

Proper Citation: MiChip (RRID:SCR_001341)

Description: Software package that takes the MiChip miRNA microarray .grp scanner output files and parses these out, providing summary and plotting functions to analyse MiChip hybridizations. A set of hybridizations is packaged into an ExpressionSet allowing it to be used by other BioConductor packages.

Abbreviations: MiChip

Synonyms: MiChip Parsing and Summarizing Functions

Resource Type: software resource

Defining Citation: PMID:16540696, PMID:18274534

Keywords: microarray, preprocessing, mirna, hybridization

Funding:

Availability: GNU General Public License, v2 or newer

Resource Name: MiChip

Resource ID: SCR_001341

Alternate IDs: OMICS_02000

Record Creation Time: 20220129T080207+0000

Record Last Update: 20250420T014027+0000

Ratings and Alerts

No rating or validation information has been found for MiChip.

No alerts have been found for MiChip.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Lyu X, et al. (2023) Regulation of CTCF loop formation during pancreatic cell differentiation. Nature communications, 14(1), 6314.

Xiong Q, et al. (2018) Magnetic nanochain integrated microfluidic biochips. Nature communications, 9(1), 1743.

Naraballobh W, et al. (2018) miRNAs regulate acute transcriptional changes in broiler embryos in response to modification of incubation temperature. Scientific reports, 8(1), 11371.

Liu X, et al. (2016) MicroRNA-mRNA regulatory networking fine-tunes the porcine muscle fiber type, muscular mitochondrial respiratory and metabolic enzyme activities. BMC genomics, 17, 531.

Seckinger A, et al. (2015) miRNAs in multiple myeloma--a survival relevant complex regulator of gene expression. Oncotarget, 6(36), 39165.

Benes V, et al. (2015) Identification of cytokine-induced modulation of microRNA expression and secretion as measured by a novel microRNA specific qPCR assay. Scientific reports, 5, 11590.

Yan HL, et al. (2009) Repression of the miR-17-92 cluster by p53 has an important function in hypoxia-induced apoptosis. The EMBO journal, 28(18), 2719.