

Package ‘curatedAdipoArray’

September 16, 2025

Type Package

Title A Curated Microarrays Dataset of MDI-induced Differentiated Adipocytes (3T3-L1) Under Genetic and Pharmacological Perturbations

Version 1.21.0

Description A curated dataset of Microarrays samples. The samples are MDI-induced pre-adipocytes (3T3-L1) at different time points/stage of differentiation under different types of genetic (knockdown/overexpression) and pharmacological (drug treatment) perturbations. The package documents the data collection and processing. In addition to the documentation, the package contains the scripts that was used to generated the data.

License GPL-3 + file LICENSE

URL <https://github.com/MahShaaban/curatedAdipoArray>

BugReports <https://github.com/MahShaaban/curatedAdipoArray/issues>

Encoding UTF-8

RoxygenNote 6.1.1

LazyData TRUE

Depends R (>= 4.0)

Suggests knitr, rmarkdown, ExperimentHub, SummarizedExperiment

VignetteBuilder knitr

biocViews ExperimentData, ExperimentHub, GEO, MicroarrayData

git_url <https://git.bioconductor.org/packages/curatedAdipoArray>

git_branch devel

git_last_commit b563b8d

git_last_commit_date 2025-04-15

Repository Bioconductor 3.22

Date/Publication 2025-09-16

Author Mahmoud Ahmed [aut, cre] (ORCID:
<<https://orcid.org/0000-0002-4377-6541>>)

Maintainer Mahmoud Ahmed <mahmoud.s.fahmy@students.kasralainy.edu.eg>

Contents

curatedAdipoArray	2
Index	3

curatedAdipoArray	curatedAdipoArray <i>package</i>
-------------------	----------------------------------

Description

A Curated Microarrays Dataset of MDI-induced Differentiated Adipocytes (3T3-L1) Under Genetic and Pharmacological Perturbations

Details

A curated dataset of Microarrays samples. The samples are MDI-induced pre-adipocytes (3T3-L1) at different time points/stage of differentiation under different types of genetic (knockdown/overexpression) and pharmacological (drug treatment). The package document the data collection and processing. In addition to the documentation, the package contains the scripts that was used to generate the data.

Index

curatedAdipoArray, [2](#)
curatedAdipoArray-package
 (curatedAdipoArray), [2](#)