Package 'curatedAdipoArray'

February 3, 2026

Type Package

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

Version 1.23.0

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 a9c5b14

git_last_commit_date 2025-10-29

Repository Bioconductor 3.23

Date/Publication 2026-02-03

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   curatedAdipoArray *package*

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