# Package 'curatedAdipoArray'

October 12, 2023

**Type** Package

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

**Version** 1.12.0

**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** RELEASE_3_17

**git_last_commit** 10f04d6

**git_last_commit_date** 2023-04-25

**Date/Publication** 2023-10-12

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

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

# R **topics documented:**

| 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