

# Package ‘curatedAdipoArray’

February 2, 2023

**Type** Package

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

**Version** 1.11.0

**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** master

**git\_last\_commit** 09ccc39

**git\_last\_commit\_date** 2022-11-01

**Date/Publication** 2023-02-02

**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 . . . . . 2

**Index** . . . . . 3

---

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

`curatedAdipoArray`, [2](#)

`curatedAdipoArray-package`

    (`curatedAdipoArray`), [2](#)