

# Package ‘curatedAdipoArray’

July 10, 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

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### 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.

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