## Package ‘curatedAdipoArray’

April 2, 2024

**Type** Package

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

**Version** 1.14.0

**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](https://github.com/MahShaaban/curatedAdipoArray)

**BugReports** [https://github.com/MahShaaban/curatedAdipoArray/issues](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](https://git.bioconductor.org/packages/curatedAdipoArray)

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**R topics documented:**

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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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