

Package: TransOmicsData (via r-universe)

October 10, 2026

Title A collection of trans-omics datasets across various biological systems

Version 1.8.0

Date 2024-01-29

Description Contains a collection of trans-omics datasets generated using various sequencing technologies such as RNA-seq, Mass spectrometry and ChIP-seq. Modalities include the bulk profiling of the phosphoproteome, proteome, transcriptome and epigenome. Data reflects the timecourses of different developmental systems from the mouse or human.

Imports S4Vectors, utils

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BugReports <https://support.bioconductor.org/t/TransOmicsData>

URL <https://github.com/PYangLab/TransOmicsData>

VignetteBuilder knitr

Suggests BiocStyle, knitr, rmarkdown, RefManageR, sessioninfo, testthat, ExperimentHub

biocViews ExperimentHub, MassSpectrometryData, RNASeqData, ChIPSeqData, Tissue, SequencingData

Encoding UTF-8

LazyData false

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.1

Config/testthat/edition 3

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RemoteUrl <https://github.com/bioc/TransOmicsData>

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RemoteSha 3689ab483273b2677f283ded7e5b63bee36d5298

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listDatasets	<i>List all datasets</i>
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Description

This lists the summary information for all available datasets in the **TransOmicsData** package.

Usage

```
listDatasets()
```

Details

This package contains datasets spanning various biological contexts such as in vitro embryonic and tissue-specific development in mouse and human extracted from different sequencing technologies.

Value

A [DataFrame](#), containing the following fields

- Title, short name of this data.
- Description, description of the data.
- Omics, omic layers profiled in the data.
- Species, species of the data.
- RDataPath, the corresponding rds files in this package.

Author(s)

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Examples

```
listDatasets()
```

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