Package 'bodymapRat'

October 27, 2024

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Title Experimental dataset from the rat BodyMap project
Version 1.21.0
Description This package contains a SummarizedExperiment from the Yu et al. (2013) paper that performed the rat BodyMap across 11 organs and 4 developmental stages. Raw FASTQ files were downloaded and mapped using STAR. Data is available on ExperimentHub as a data package.
Depends R (>= 3.6.0), SummarizedExperiment, ExperimentHub
Imports utils
Suggests rmarkdown, knitr, BiocStyle, testthat
biocViews SequencingData, RNASeqData, ExpressionData, ExperimentData, ExperimentHub
NeedsCompilation no
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VignetteBuilder knitr
RoxygenNote 6.1.1
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bodymapRat Experimental dataset from the rat BodyMap project

Description

This package contains a SummarizedExperiment from the Yu et al. (2013) paper that performed the rat BodyMap across 11 organs and 4 developmental stages. Raw FASTQ files were downloaded and mapped using STAR. FlowSorted.DLPFC.450k data set from Bioconductor. The purpose is to create an example object for the man pages and vignette in this package.

The SummarizedExperiment object was created using the /inst/scripts/make-data.Rmd and is downloaded from ExperimentHub

Format

A SummarizedExperiment object with 652 RNA-seq samples (columns).

Examples

library(ExperimentHub)
bm_rat <- bodymapRat()
dim(bm_rat)</pre>

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