Package ‘airway’

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Title RangedSummarizedExperiment for RNA-Seq in airway smooth muscle cells, by Himes et al PLoS One 2014

Version 0.108.0

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biocViews ExperimentData, SequencingData, RNASeqData, GEO

License LGPL

Depends R (>= 2.10), SummarizedExperiment

Suggests knitr, GEOquery

VignetteBuilder knitr

NeedsCompilation no

\textbf{R topics documented:}

\begin{verbatim}
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\end{verbatim}

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Description

Read counts per gene for airway smooth muscle cell lines RNA-Seq experiment

Usage

data("airway")

Format

RangedSummarizedExperiment

Details

For details on the gene model and read counting procedure, see the package vignette.
The dataset contains four cell lines in two conditions: control and treatment with dexamethasone.

Source

FASTQ files from SRA, phenotypic data from GEO

References

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