Package ‘pasilla’

Title  Data package with per-exon and per-gene read counts of RNA-seq samples of Pasilla knock-down by Brooks et al., Genome Research 2011.

Version  1.32.0

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Description  This package provides per-exon and per-gene read counts computed for selected genes from RNA-seq data that were presented in the article ``Conservation of an RNA regulatory map between Drosophila and mammals'' by Brooks AN, Yang L, Duff MO, Hansen KD, Park JW, Dudoit S, Brenner SE, Graveley BR, Genome Res. 2011 Feb;21(2):193-202, Epub 2010 Oct 4, PMID: 20921232. The experiment studied the effect of RNAi knockdown of Pasilla, the Drosophila melanogaster ortholog of mammalian NOVA1 and NOVA2, on the transcriptome. The package vignette describes how the data provided here were derived from the RNA-Seq read sequence data that are provided by NCBI Gene Expression Omnibus under accession numbers GSM461176 to GSM461181.

biocViews  ExperimentData, Genome, Drosophila_melanogaster_Data, RNASEqData

License  LGPL

Suggests  rmarkdown, BiocStyle, knitr, roxygen2

Depends  R (>= 3.5.0), DEXSeq

VignetteBuilder  knitr

RoxygenNote  7.2.3

Encoding  UTF-8

git_url  https://git.bioconductor.org/packages/pasilla

git_branch  RELEASE_3_19

git_last_commit  aab77eb

git_last_commit_date  2024-04-30

Repository  Bioconductor 3.19

Date/Publication  2024-05-23
Description
A DEXSeqDataSet containing exon-level counts of the pasilla KO experiment.

Usage
```
data(pasillaDEXSeqDataSet)
```

Format
A DEXSeqDataSet
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