Package 'pasilla'

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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 1.40.0

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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

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dxd *A DEXSeqDataSet containing pasilla exon-level counts*

Description

A DEXSeqDataSet containing exon level counts of the pasilla KO experiment.

Usage

```
data(pasillaDEXSeqDataSet)
```

Format

A DEXSeqDataSet

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