Package ‘RnaSeqSampleSizeData’

April 16, 2024

Type Package
Title RnaSeqSampleSizeData
Version 1.34.0
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Description RnaSeqSampleSizeData package provides the read counts and
dispersion distribution from real RNA-seq experiments. It can
be used by RnaSeqSampleSize package to estimate sample size and
power for RNA-seq experiment design.
License GPL (>= 2)
LazyLoad yes
LazyData false
Depends edgeR,R (>= 2.10)
VignetteBuilder knitr
Suggests BiocStyle, knitr
biocViews ExperimentData, CancerData, RNASeqData
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R topics documented:

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### TCGA_BLCA

Read counts and dispersion distribution for genes in TCGA BLCA data.

**Value**

A class 'DGEList' from edgeR package.

**Source**

https://tcga-data.nci.nih.gov/tcgafiles/ftp_auth/distro_ftputers/anonymous/tumor/blca/cgcc/unc.edu/illuminaHiSeq_RNASeqV2/unc.edu_BLCA.IlluminaHiSeq_RNASeqV2.Level_3.1.17.0/

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### TCGA_BRCA

Read counts and dispersion distribution for genes in TCGA BRCA data.

**Usage**

TCGA_BRCA

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### TCGA_COAD

[3]

### TCGA_HNSC

[4]

### TCGA_KIRC

[4]

### TCGA_LGG

[5]

### TCGA_LUAD

[5]

### TCGA_LUSC

[6]

### TCGA_PRAD

[6]

### TCGA_READ

[7]

### TCGA_THCA

[7]

### TCGA_UCEC

[8]
**TCGA_CESC**

**Value**

A class 'DGEList' from edgeR package.

**Source**

https://tcga-data.nci.nih.gov/tcgafiles/ftp_auth/distro_ftpusers/anonymous/tumor/brca/cgcc/unc.edu/illuminahiseq_rnaseqv2/rnaseqv2/unc.edu_BRCA.IlluminaHiSeq_RNASeqV2.Level_3.1.10.0/

<table>
<thead>
<tr>
<th>TCGA_CESC</th>
<th>Read counts and dispersion distribution for genes in TCGA CESC data.</th>
</tr>
</thead>
</table>

**Description**

Read counts and dispersion distribution for genes in TCGA CESC data.

**Usage**

TCGA_CESC

**Value**

A class 'DGEList' from edgeR package.

**Source**


<table>
<thead>
<tr>
<th>TCGA_COAD</th>
<th>Read counts and dispersion distribution for genes in TCGA COAD data.</th>
</tr>
</thead>
</table>

**Description**

Read counts and dispersion distribution for genes in TCGA COAD data.

**Usage**

TCGA_COAD

**Value**

A class 'DGEList' from edgeR package.
Source


TCGA_HNSC

Read counts and dispersion distribution for genes in TCGA HNSC data.

Description

Read counts and dispersion distribution for genes in TCGA HNSC data.

Usage

TCGA_HNSC

Value

A class 'DGEList' from edgeR package.

Source

https://tcga-data.nci.nih.gov/tcgafiles/ftp_auth/distro_ftpusers/anonymous/tumor/hnsc/cgcc/unc.edu/illuminahiseq_rnaseqv2/rnaseqv2/unc.edu_HNSC.IlluminaHiSeq_RNASeqV2.Level_3.1.7.0/

TCGA_KIRC

Read counts and dispersion distribution for genes in TCGA KIRC data.

Description

Read counts and dispersion distribution for genes in TCGA KIRC data.

Usage

TCGA_KIRC

Value

A class 'DGEList' from edgeR package.

Source

https://tcga-data.nci.nih.gov/tcgafiles/ftp_auth/distro_ftpusers/anonymous/tumor/kirc/cgcc/unc.edu/illuminahiseq_rnaseqv2/rnaseqv2/unc.edu_KIRC.IlluminaHiSeq_RNASeqV2.Level_3.1.5.0/
**TCGA_LGG**

Read counts and dispersion distribution for genes in TCGA LGG data.

**Description**

Read counts and dispersion distribution for genes in TCGA LGG data.

**Usage**

TCGA_LGG

**Value**

A class 'DGEList' from edgeR package.

**Source**


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**TCGA_LUAD**

Read counts and dispersion distribution for genes in TCGA LUAD data.

**Description**

Read counts and dispersion distribution for genes in TCGA LUAD data.

**Usage**

TCGA_LUAD

**Value**

A class 'DGEList' from edgeR package.

**Source**

TCGA_LUSC

**Read counts and dispersion distribution for genes in TCGA LUSC data.**

**Description**

Read counts and dispersion distribution for genes in TCGA LUSC data.

**Usage**

TCGA_LUSC

**Value**

A class 'DGEList' from edgeR package.

**Source**


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TCGA_PRAD

**Read counts and dispersion distribution for genes in TCGA PRAD data.**

**Description**

Read counts and dispersion distribution for genes in TCGA PRAD data.

**Usage**

TCGA_PRAD

**Value**

A class 'DGEList' from edgeR package.

**Source**

TCGA_READ

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TCGA_READ  Read counts and dispersion distribution for genes in TCGA READ data.

Description
Read counts and dispersion distribution for genes in TCGA READ data.

Usage
TCGA_READ

Value
A class 'DGEList' from edgeR package.

Source
https://tcga-data.nci.nih.gov/tcgafiles/ftp_auth/distro_ftpusers/anonymous/tumor/read/cgcc/unc.edu/illumina_hiseq_rnaseqv2/rnaseq_v2/unc.edu_READ.IlluminaHiSeq_RNASeqV2.Level_3.1.8.0/

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TCGA_THCA  Read counts and dispersion distribution for genes in TCGA THCA data.

Description
Read counts and dispersion distribution for genes in TCGA THCA data.

Usage
TCGA_THCA

Value
A class 'DGEList' from edgeR package.

Source
TCGA_UCEC

Description
Read counts and dispersion distribution for genes in TCGA UCEC data.

Usage
TCGA_UCEC

Value
A class 'DGEList' from edgeR package.

Source
https://tcga-data.nci.nih.gov/tcgafiles/ftp_auth/distro_ftpusers/anonymous/tumor/ucec/cgcc/unc.edu/illuminahiseq_rnaseqv2/rnaseqv2/unc.edu_UCEC.IlluminaHiSeq_RNASeqV2.Level_3.1.10.0/
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