Package ‘RnaSeqSampleSizeData’

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Type Package
Title RnaSeqSampleSizeData
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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
NeedsCompilation no

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TCGA_BLCA

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

Usage
TCGA_BLCA

Value
A class 'DGEList' from edgeR package.

Source

TCGA_BRCA

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

Usage
TCGA_BRCA

Value
A class 'DGEList' from edgeR package.

Source
### TCGA_CESC

**Description**

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

**Usage**

TCGA_CESC

**Value**

A class 'DGEList' from edgeR package.

**Source**


### TCGA_COAD

**Description**

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

**Usage**

TCGA_COAD

**Value**

A class 'DGEList' from edgeR package.

**Source**

https://tcga-data.nci.nih.gov/tcgafiles/ftp_auth/distro_ftpusers/anonymous/tumor/coad/cgcc/unc.edu/illuminahiseq_rnaseqv2/rnaseqv2/unc.edu_COAD.IlluminaHiSeq_RNASeqV2_Level_3.1.9.0/
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

**Description**

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

**Usage**

TCGA_READ

**Value**

A class 'DGEList' from edgeR package.

**Source**


### TCGA_THCA

**Description**

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

**Usage**

TCGA_THCA

**Value**

A class 'DGEList' from edgeR package.

**Source**

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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