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

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

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

**Usage**
TCGA_BLCA

**Value**
A class 'DGEList' from edgeR package.

**Source**

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TCGA_BRCA

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

**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

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

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

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

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_RXNAseqV2.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_RXNAseqV2.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

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

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**

*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**


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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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