Package ‘RnaSeqSampleSizeData’

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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)
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biocViews ExperimentData, CancerData, RNASeqData
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**TCGA_BRCA**

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<th>Read counts and dispersion distribution for genes in TCGA BLCA data.</th>
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**Description**

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

**Usage**

TCGA_BLCA

**Value**

A class 'DGEList' from edgeR package.

**Source**

https://tcga-data.nci.nih.gov/tcgafiles/ftp_auth/distro_ftpusers/anonymous/tumor/blca/cgcc/unc.edu/illuminaSeq_rnaseqV2/unc.edu_BLC1.IlluminaHiSeq_RNASeqV2.Level_3.1.17.0/

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**Description**

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

**Usage**

TCGA_BRCA
**Value**

A class ‘DGEList’ from edgeR package.

**Source**

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

| 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**


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**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/

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**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

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 'DGLList' from edgeR package.

Source

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 'DGLList' from edgeR package.

Source
TCGA_UCEC

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

**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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