

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

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| TCGA_BLCA | <i>Read counts and dispersion distribution for genes in TCGA BLCA data.</i> |
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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/illuminaHiSeq_rnaseqv2/rnaseqv2/unc.edu_BLCA.IlluminaHiSeq_RNASeqV2.Level_3.1.17.0/

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|-----------|-----------------------------------------------------------------------------|
| TCGA_BRCA | <i>Read counts and dispersion distribution for genes in TCGA BRCA data.</i> |
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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/brca/cgcc/unc.edu/illuminaHiSeq_rnaseqv2/rnaseqv2/unc.edu_BRCA.IlluminaHiSeq_RNASeqV2.Level_3.1.10.0/

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| TCGA_CESC | <i>Read counts and dispersion distribution for genes in TCGA CESC data.</i> |
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Description

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

Usage

TCGA_CESC

Value

A class 'DGEList' from edgeR package.

Source

https://tcga-data.nci.nih.gov/tcgafiles/ftp_auth/distro_ftpusers/anonymous/tumor/cesc/cgcc/unc.edu/illuminaHiSeq_rnaseqv2/rnaseqv2/

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|-----------|-----------------------------------------------------------------------------|
| TCGA_COAD | <i>Read counts and dispersion distribution for genes in TCGA COAD data.</i> |
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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/

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|-----------|-----------------------------------------------------------------------------|
| TCGA_HNSC | <i>Read counts and dispersion distribution for genes in TCGA HNSC data.</i> |
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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 | <i>Read counts and dispersion distribution for genes in TCGA KIRC data.</i> |
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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

https://tcga-data.nci.nih.gov/tcgafiles/ftp_auth/distro_ftpusers/anonymous/tumor/lgg/cgcc/unc.edu/illuminaHiSeq_rnaseqv2/rnaseqv2/unc.edu_LGG.IlluminaHiSeq_RNASeqV2.Level_3.1.12.0/

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

https://tcga-data.nci.nih.gov/tcgafiles/ftp_auth/distro_ftpusers/anonymous/tumor/luad/cgcc/unc.edu/illuminaHiSeq_rnaseqv2/rnaseqv2/unc.edu_LUAD.IlluminaHiSeq_RNASeqV2.Level_3.1.13.0/

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| TCGA_LUSC | <i>Read counts and dispersion distribution for genes in TCGA LUSC data.</i> |
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Description

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

Usage

TCGA_LUSC

Value

A class 'DGEList' from edgeR package.

Source

https://tcga-data.nci.nih.gov/tcgafiles/ftp_auth/distro_ftpusers/anonymous/tumor/lusc/cgcc/unc.edu/illuminahiseq_rnaseqv2/rnaseqv2/unc.edu_LUSC.IlluminaHiSeq_RNASeqV2.Level_3.1.9.0/

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| TCGA_PRAD | <i>Read counts and dispersion distribution for genes in TCGA PRAD data.</i> |
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Description

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

Usage

TCGA_PRAD

Value

A class 'DGEList' from edgeR package.

Source

https://tcga-data.nci.nih.gov/tcgafiles/ftp_auth/distro_ftpusers/anonymous/tumor/prad/cgcc/unc.edu/illuminahiseq_rnaseqv2/rnaseqv2/unc.edu_PRAD.IlluminaHiSeq_RNASeqV2.Level_3.1.12.0/

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|-----------|-----------------------------------------------------------------------------|
| TCGA_READ | <i>Read counts and dispersion distribution for genes in TCGA READ data.</i> |
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Description

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

Usage

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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/illuminahiseq_rnaseqv2/rnaseqv2/unc.edu_READ.IlluminaHiSeq_RNASeqV2.Level_3.1.8.0/

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|-----------|-----------------------------------------------------------------------------|
| TCGA_THCA | <i>Read counts and dispersion distribution for genes in TCGA THCA data.</i> |
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Description

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

Usage

```
TCGA_THCA
```

Value

A class 'DGEList' from edgeR package.

Source

https://tcga-data.nci.nih.gov/tcgafiles/ftp_auth/distro_ftpusers/anonymous/tumor/thca/cgcc/unc.edu/illuminahiseq_rnaseqv2/rnaseqv2/unc.edu_THCA.IlluminaHiSeq_RNASeqV2.Level_3.1.12.0/

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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