

Package ‘RTCGA.miRNASeq’

April 17, 2025

Type Package

Title miRNASeq datasets from The Cancer Genome Atlas Project

Version 1.36.0

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Description Package provides miRNASeq datasets from The Cancer Genome Atlas Project for all available cohorts types from <http://gdac.broadinstitute.org/>. Data format is explained here <https://wiki.nci.nih.gov/display/TCGA/miRNASeq#miRNASeq-DataOverview> Data from 2015-11-01 snapshot.

License GPL-2

LazyData TRUE

BugReports <https://github.com/RTCGA/RTCGA/issues>

Depends R (>= 3.3.0), RTCGA

Suggests knitr, rmarkdown

biocViews AnnotationData

VignetteBuilder knitr

NeedsCompilation no

RoxygenNote 7.1.1

git_url <https://git.bioconductor.org/packages/RTCGA.miRNASeq>

git_branch RELEASE_3_21

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git_last_commit_date 2025-04-15

Repository Bioconductor 3.21

Date/Publication 2025-04-17

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miRNASeq*miRNASeq datasets from TCGA project*

Description

Package provides miRNASeq datasets from The Cancer Genome Atlas Project for all cohorts types from <http://gdac.broadinstitute.org/>. Data were downloaded using [RTCGA-package](#) and contain snapshots for the date: 2015-11-01. The process is described here: <http://rtcga.github.io/RTCGA/>. Use cases, examples and information about datasets in **RTCGA.data** family can be found here: `browseVignettes("RTCGA")`. miRNASeq data format is explained here <https://wiki.nci.nih.gov/display/TCGA/miRNASeq#miRNASeq-DataOverview>. There is one extra column "machine" in each dataset which describes a machine that produced dataset. It can be: Illumina Genome Analyzer, Illumina HiSeq 2000 or both. Converting **RTCGA.miRNASeq** datasets from `data.frames` to Bioconductor classes is explained here [convertTCGA](#).

Usage

ACC.miRNASeq
BLCA.miRNASeq
BRCA.miRNASeq
CESC.miRNASeq
CHOL.miRNASeq
COAD.miRNASeq
COADREAD.miRNASeq
DLBC.miRNASeq
ESCA.miRNASeq
FPPP.miRNASeq
GBM.miRNASeq
GBMLGG.miRNASeq
HNSC.miRNASeq
KICH.miRNASeq
KIPAN.miRNASeq

KIRC.miRNASeq

KIRP.miRNASeq

LAML.miRNASeq

LGG.miRNASeq

LIHC.miRNASeq

LUAD.miRNASeq

LUSC.miRNASeq

MESO.miRNASeq

OV.miRNASeq

PAAD.miRNASeq

PCPG.miRNASeq

PRAD.miRNASeq

READ.miRNASeq

SARC.miRNASeq

SKCM.miRNASeq

STAD.miRNASeq

STES.miRNASeq

TGCT.miRNASeq

THCA.miRNASeq

THYM.miRNASeq

UCEC.miRNASeq

UCS.miRNASeq

UVM.miRNASeq

Details

`browseVignettes("RTCGA")`

Value

Data frames with miRNASeq data.

Source

<http://gdac.broadinstitute.org/>

Examples

```
## Not run:  
browseVignettes("RTCGA")  
  
## End(Not run)
```

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* datasets

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