

Package ‘RTCGA.mRNA’

June 1, 2023

Type Package

Title mRNA datasets from The Cancer Genome Atlas Project

Version 1.28.0

Date 2015-12-02

Author Witold Chodor <witoldchodor@gmail.com>

Maintainer Marcin Kosinski <m.p.kosinski@gmail.com>

Description Package provides mRNA 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/Gene+expression+data> Data from 2015-11-01 snapshot.

License GPL-2

LazyData TRUE

Repository Bioconductor

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.mRNA>

git_branch RELEASE_3_17

git_last_commit a35cb70

git_last_commit_date 2023-04-25

Date/Publication 2023-06-01

R topics documented:

mRNA	2
Index	4

mRNA

mRNA datasets from TCGA project

Description

Package provides mRNA 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")`. mRNA data format is explained here <https://wiki.nci.nih.gov/display/TCGA/Gene+expression+data>. Converting **RTCGA.mRNA** datasets from `data.frames` to Bioconductor classes is explained here [convertTCGA](#).

Usage

`BRCA.mRNA``COAD.mRNA``COADREAD.mRNA``GBMLGG.mRNA``KIPAN.mRNA``KIRC.mRNA``KIRP.mRNA``LGG.mRNA``LUAD.mRNA``LUSC.mRNA``OV.mRNA``READ.mRNA``UCEC.mRNA`

Details

`browseVignettes("RTCGA")`

Value

`Data frames with mRNA data.`

Source

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

Examples

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

```
## End(Not run)
```

Index

* **datasets**

mRNA, [2](#)

BRCA.mRNA (mRNA), [2](#)

BRCA.mRNA, COAD.mRNA, COADREAD.mRNA, GBMLGG.mRNA, KIPAN.mRNA, KIRC.mRNA, KIRP.mRNA, LGG.mRNA, LUAD.mRNA, LUSC.mRNA (mRNA), [2](#)

COAD.mRNA (mRNA), [2](#)

COADREAD.mRNA (mRNA), [2](#)

convertTCGA, [2](#)

GBMLGG.mRNA (mRNA), [2](#)

KIPAN.mRNA (mRNA), [2](#)

KIRC.mRNA (mRNA), [2](#)

KIRP.mRNA (mRNA), [2](#)

LGG.mRNA (mRNA), [2](#)

LUAD.mRNA (mRNA), [2](#)

LUSC.mRNA (mRNA), [2](#)

mRNA, [2](#)

OV.mRNA (mRNA), [2](#)

READ.mRNA (mRNA), [2](#)

RTCGA-package, [2](#)

UCEC.mRNA (mRNA), [2](#)