

Package ‘RTCGA.methylation’

March 6, 2025

Type Package

Title Methylation datasets from The Cancer Genome Atlas Project

Version 1.34.0

Date 2015-12-23

Description Package provides methylation (humanmethylation27) 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/DNA+methylation> 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

Author Marcin Kosinski [aut, cre], Witold Chodor [aut]

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

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

git_branch RELEASE_3_20

git_last_commit d8a05e9

git_last_commit_date 2024-10-29

Repository Bioconductor 3.20

Date/Publication 2025-03-06

Contents

methylation	2
Index	4

methylation

Methylation datasets from TCGA project

Description

Package provides methylation (humanmethylation27) 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")`. Methylation data format is explained here <https://wiki.nci.nih.gov/display/TCGA/DNA+methylation>. Converting **RTCGA.methylation** datasets from `data.frames` to Bioconductor classes is explained here [convertTCGA](#).

Usage

BRCA.methylation

COAD.methylation

COADREAD.methylation

GBM.methylation

GBMLGG.methylation

KIPAN.methylation

KIRC.methylation

KIRP.methylation

LAML.methylation

LUAD.methylation

LUSC.methylation

OV.methylation2

OV.methylation1

READ.methylation

STAD.methylation

STES.methylation

UCEC.methylation

Details

```
browseVignettes("RTCGA")
```

Value

Data frames with methylation data.

Source

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

Examples

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

Index

* datasets

methylation, [2](#)

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

BRCA.methylation, COAD.methylation, COADREAD.methylation, GBM.methylation, GBMLGG.methylation, KIPAN.methylation (methylation), [2](#)

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

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

convertTCGA, [2](#)

GBM.methylation (methylation), [2](#)

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

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

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

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

LAML.methylation (methylation), [2](#)

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

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

methylation, [2](#)

OV.methylation1 (methylation), [2](#)

OV.methylation2 (methylation), [2](#)

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

RTCGA-package, [2](#)

STAD.methylation (methylation), [2](#)

STES.methylation (methylation), [2](#)

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