

# Package ‘RTCGA.methylation’

June 19, 2025

**Type** Package

**Title** Methylation datasets from The Cancer Genome Atlas Project

**Version** 1.37.0

**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** devel

**git\_last\_commit** a69349b

**git\_last\_commit\_date** 2025-04-15

**Repository** Bioconductor 3.22

**Date/Publication** 2025-06-19

## Contents

|                       |          |
|-----------------------|----------|
| methylation . . . . . | 2        |
| <b>Index</b>          | <b>4</b> |

---

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](#)