

# Package ‘DMRcatedata’

October 8, 2016

**Type** Package

**Title** Data Package for DMRcate package

**Version** 1.8.2

**Date** 2015-22-10

**Author** Tim Peters

**Maintainer** Tim Peters <t.peters@garvan.org.au>

**Description** This package contains 7 data objects supporting functionality and examples of the Bioconductor package DMRcate.

**License** GPL-3

**Depends** R (>= 3.2.2), GenomicRanges

**Suggests** knitr

**biocViews** ExperimentData, SNPData

**VignetteBuilder** knitr

**NeedsCompilation** no

## R topics documented:

DMRcatedata-package . . . . .	1
dmrcatedata . . . . .	2

<b>Index</b>	<b>3</b>
--------------	----------

---

DMRcatedata-package    *Dataset to use with the DMRcate Pipeline*

---

## Description

SNP annotation, cross-hybridising probes and sample 450k data

**Author(s)**

Tim Peters, Epigenetics Program, Garvan Institute of Medical Research  
Maintainer: Tim Peters<t.peters@garvan.org.au>

**Examples**

```
data(dmrcatedata)
```

---

dmrcatedata

*Accompanying data package for DMRcate*

---

**Description**

SNP and Gencode annotation, cross-hybridising probes and sample 450K and simulated WGBS data

**Usage**

```
data(dmrcatedata)
```

**Format**

matrix (myBetas), factor (crosshyb) and data.frame (illuminaSNPs)

**Source**

myBetas sourced from The Cancer Genome Atlas (TCGA) data repository, colon and rectal adenocarcinoma; illuminaSNPs sourced from [http://supportres.illumina.com/documents/myillumina/88bab663-307c-444a-848e-0ed6c338ee4d/humanmethylation450\\_15017482\\_v.1.2.snupdate.table.v3.txt](http://supportres.illumina.com/documents/myillumina/88bab663-307c-444a-848e-0ed6c338ee4d/humanmethylation450_15017482_v.1.2.snupdate.table.v3.txt), accessed February 2014; crosshyb sourced from <http://www.sickkids.ca/MS-Office-Files/Research/WeksbergLab/48639-non-specific-probes-Illumina450k.xlsx>, accessed February 2014; tx.hg19, tx.hg38 and tx.mm10 sourced from <ftp://ftp.ensembl.org>, accessed July 2015

# Index

## \*Topic **datasets**

dmrcatedata, [2](#)

DMRcatedata-package, [1](#)

DMRcatedata (DMRcatedata-package), [1](#)

dmrcatedata, [2](#)

DMRcatedata-package, [1](#)