

# Package ‘biscuiteerData’

July 25, 2024

**Type** Package

**Title** Data Package for Biscuiteer

**Description** Contains default datasets used by the Bioconductor package biscuiteer.

**Version** 1.18.0

**Date** 2023-07-05

**Author** Tim Triche, Jr. [aut, cre], Wanding Zhou [aut], Ben Johnson [aut], Jacob Morrison [aut], Lyong Heo [aut]

**Maintainer** ``Jacob Morrison" <jacob.morrison@vai.org>

**License** GPL-3

**Depends** R (>= 4.1.0), ExperimentHub

**Imports** AnnotationHub, utils, curl, GenomicRanges

**Suggests** knitr, rmarkdown, markdown

**biocViews** ExperimentHub, ExperimentData, Genome, Homo\_sapiens\_Data

**Encoding** UTF-8

**RoxygenNote** 6.1.1

**Roxygen** list(markdown = TRUE)

**VignetteBuilder** knitr

**git\_url** <https://git.bioconductor.org/packages/biscuiteerData>

**git\_branch** RELEASE\_3\_19

**git\_last\_commit** 507012a

**git\_last\_commit\_date** 2024-04-30

**Repository** Bioconductor 3.19

**Date/Publication** 2024-07-25

## Contents

biscuiteerData-package . . . . .	2
biscuiteerDataCacheAll . . . . .	3
biscuiteerDataGet . . . . .	3
biscuiteerDataList . . . . .	4
biscuiteerDataListDates . . . . .	4
PMDs.hg19 . . . . .	5
PMDs.hg38 . . . . .	5
Zhou_solo_WCGW_inCommonPMDs.hg19 . . . . .	5
Zhou_solo_WCGW_inCommonPMDs.hg38 . . . . .	6
<b>Index</b>	<b>7</b>

---

biscuiteerData-package

*Supplementary Datasets for Biscuiteer*

---

## Description

A handful of datasets to be used in biscuiteer

## Author(s)

Timothy J Triche Jr <Tim.Triche@vai.org>,  
 Wanding Zhou <Wanding.Zhou@vai.org>,  
 Ben Johnson <Ben.Johnson@vai.org>,  
 Jacob Morrison <Jacob.Morrison@vai.org>,  
 Lyong Heo <Lyon.Heo@vai.org>

## See Also

Useful links:

- <https://github.com/trichelab/biscuiteer>
- Report bugs at <https://github.com/trichelab/biscuiteer/issues>

## Examples

```
Zhou_solo_WCGW_inCommonPMDs.hg19 <-
  biscuiteerDataGet("Zhou_solo_WCGW_inCommonPMDs.hg19.rda")
PMDs.hg19 <- biscuiteerDataGet("PMDs.hg19.rda")
```

---

`biscuiteerDataCacheAll`*Cache all biscuiteer data*

---

**Description**

Cache all biscuiteer data

**Usage**

```
biscuiteerDataCacheAll(dateAdded = "all", showProgress = FALSE)
```

**Arguments**

<code>dateAdded</code>	Version of the data (given by the date added), if "all" then all dates will be cached (DEFAULT: "all")
<code>showProgress</code>	Whether to show progress of download (DEFAULT: FALSE)

**Value**

TRUE

**Examples**

```
biscuiteerDataCacheAll()
```

---

`biscuiteerDataGet`*Retrieve biscuiteer data*

---

**Description**

Retrieve biscuiteer data

**Usage**

```
biscuiteerDataGet(title, dateAdded = "2019-09-25", verbose = FALSE)
```

**Arguments**

<code>title</code>	Title of the data
<code>dateAdded</code>	Version of the data (given by the date added) (DEFAULT: "2019-09-25")
<code>verbose</code>	Whether to output ExperimentHub message (DEFAULT: FALSE)

**Value**

Data object

**Examples**

```
wcgws <- biscuiteerDataGet("Zhou_solo_WCGW_inCommonPMDs.hg19.rda")
```

---

biscuiteerDataList     *List all biscuiteer data*

---

**Description**

List all biscuiteer data

**Usage**

```
biscuiteerDataList(dateAdded = "all")
```

**Arguments**

dateAdded     Version of the data (given by the date added), if "all" then all dates will be shown (DEFAULT: "all")

**Value**

All titles from biscuiteer data

**Examples**

```
biscuiteerDataList()
```

---

biscuiteerDataListDates  
                          *List all versions of biscuiteer data*

---

**Description**

List all versions of biscuiteer data

**Usage**

```
biscuiteerDataListDates()
```

**Value**

Sorted unique dates in biscuiteer data

**Examples**

```
biscuiteerDataListDates()
```

---

PMDs.hg19

*PMDs.hg19*

---

**Description**

Common PMD locations in hg19 genome

**Details**

Source URL: [http://zwdzwd.io/pmd/PMD\\_coordinates\\_hg19.bed.gz](http://zwdzwd.io/pmd/PMD_coordinates_hg19.bed.gz) Source type: BED file Return type: GRanges

---

PMDs.hg38

*PMDs.hg38*

---

**Description**

Common PMD locations in hg38 genome

**Details**

Source URL: [http://zwdzwd.io/pmd/PMD\\_coordinates\\_hg38.bed.gz](http://zwdzwd.io/pmd/PMD_coordinates_hg38.bed.gz) Source type: BED file Return type: GRanges

---

Zhou\_solo\_WCGW\_inCommonPMDs.hg19

*Zhou\_solo\_WCGW\_inCommonPMDs.hg19*

---

**Description**

Solo WCGWs living in hg19 common PMDs

**Details**

Source URL: [http://zwdzwd.io/pmd/solo\\_WCGW\\_inCommonPMDs\\_hg19.bed.gz](http://zwdzwd.io/pmd/solo_WCGW_inCommonPMDs_hg19.bed.gz) Source type: BED file Return type: GRanges

---

Zhou\_solo\_WCGW\_inCommonPMDs.hg38

*Zhou\_solo\_WCGW\_inCommonPMDs.hg38*

---

**Description**

Solo WCGWs living in hg38 common PMDs

**Details**

Source URL: [http://zwdzwd.io/pmd/solo\\_WCGW\\_inCommonPMDs\\_hg38.bed.gz](http://zwdzwd.io/pmd/solo_WCGW_inCommonPMDs_hg38.bed.gz) Source type: BED  
file Return type: GRanges

# Index

- \* **Biscuit**
  - biscuiteerData-package, [2](#)
- \* **DNAMethylation**
  - biscuiteerData-package, [2](#)
- \* **DataImport**
  - biscuiteerData-package, [2](#)
- \* **EpigeneticsWorkflow**
  - biscuiteerData-package, [2](#)
- \* **ExperimentData**
  - biscuiteerData-package, [2](#)
- \* **MethylSeq**
  - biscuiteerData-package, [2](#)
- \* **data**
  - PMDs.hg19, [5](#)
  - PMDs.hg38, [5](#)
  - Zhou\_solo\_WCGW\_inCommonPMDs.hg19,  
[5](#)
  - Zhou\_solo\_WCGW\_inCommonPMDs.hg38,  
[6](#)
- \_PACKAGE (biscuiteerData-package), [2](#)
- biscuiteerData
  - (biscuiteerData-package), [2](#)
- biscuiteerData-package, [2](#)
- biscuiteerDataCacheAll, [3](#)
- biscuiteerDataGet, [3](#)
- biscuiteerDataList, [4](#)
- biscuiteerDataListDates, [4](#)
- PMDs.hg19, [5](#)
- PMDs.hg38, [5](#)
- Zhou\_solo\_WCGW\_inCommonPMDs.hg19, [5](#)
- Zhou\_solo\_WCGW\_inCommonPMDs.hg38, [6](#)