

# Package ‘CopyhelpR’

December 1, 2022

**Type** Package

**Title** Helper files for CopywriteR

**Version** 1.30.0

**Date** 2021-11-21

**Author** Thomas Kuilman

**Maintainer** Oscar Krijgsman <o.krijgsman@nki.nl>

**Depends** R(>= 2.10)

**Suggests** BiocStyle

**Description** This package contains the helper files that are required to run the Bioconductor package CopywriteR. It contains pre-assembled 1kb bin GC-content and mappability files for the reference genomes hg18, hg19, hg38, mm9 and mm10. In addition, it contains a blacklist filter to remove regions that display CNV. Files are stored as GRanges objects from the GenomicRanges Bioconductor package.

**License** GPL-2

**biocViews** Homo\_sapiens, GenomicSequence

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

**git\_branch** RELEASE\_3\_16

**git\_last\_commit** c6fe68c

**git\_last\_commit\_date** 2022-11-01

**Date/Publication** 2022-12-01

## R topics documented:

getPathHelperFiles . . . . . 2

**Index** . . . . . 3

---

getPathHelperFiles      *CopyhelpR: Helper files for CopywriteR*

---

### Description

This package contains the helper files that are required to run the CopywriteR R package (see <https://github.com/PeeperLab/CopywriteR/releases>). It contains pre-assembled 1kb bin GC-content and mappability files for the reference genomes hg18, hg19, hg38, mm9 and mm10. In addition, it contains a blacklist filter to remove regions that display CNV. Files are stored as GRanges objects from the GenomicRanges Bioconductor package.

### Usage

```
getPathHelperFiles(ref.genome)
```

### Arguments

ref.genome      the reference genome for which the helper files are required.

### Details

The getPathHelperFiles() function returns the full path to the helper files folder for the relevant reference genomes ("hg18", "hg19", "hg38", "mm9" or "mm10").

### Value

Returns the full path to the helper files folder for the relevant reference genomes ("hg18", "hg19", "hg38", "mm9" or "mm10").

### Author(s)

Thomas Kuilman (t.kuilman@nki.nl)

### Examples

```
getPathHelperFiles("hg19")
```

# Index

CopyhelperR (getPathHelperFiles), [2](#)

getPathHelperFiles, [2](#)