

Package ‘CopyhelpR’

July 24, 2025

Type Package

Title Helper files for CopywriteR

Version 1.40.0

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_21

git_last_commit 881df90

git_last_commit_date 2025-04-15

Repository Bioconductor 3.21

Date/Publication 2025-07-24

Contents

getPathHelperFiles	2
Index	3

getPathHelperFiles	<i>CopyhelpR: Helper files for CopywriteR</i>
--------------------	---

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](#)