Package 'derfinderData'

April 14, 2020

Type Package

Title Processed BigWigs from BrainSpan for examples

Version 2.4.0

Date 2019-10-22

Depends R(>= 3.1.1)

Suggests sessioninfo, knitcitations (>= 1.0.1), knitr (>= 1.6),
knitrBootstrap (>= 0.9.0), RefManageR, rmarkdown (>= 0.3.3),

VignetteBuilder knitr

Description Processed 22 samples from BrainSpan keeping only the
information for chromosome 21. Data is stored in the BigWig
format and is used for examples in other packages.

License Artistic-2.0

LazyData true

URL https://github.com/leekgroup/derfinderData

BugReports https://github.com/leekgroup/derfinderData/issues

biocViews ExperimentData, Homo_sapiens_Data, RNASeqData

Author Leonardo Collado-Torres [aut, cre], Andrew Jaffe [aut], Jeffrey
Leek [aut, ths]

Maintainer Leonardo Collado-Torres <lcolladotor@gmail.com>

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 6.1.1

git_url https://git.bioconductor.org/packages/derfinderData

git_branch RELEASE_3_10

git_last_commit 8784090

git_last_commit_date 2019-10-29

Date/Publication 2020-04-14

R topics documented:

---

derfinderHelper-package

Processed BigWigs from BrainSpan for examples

Description

Processed 22 samples from BrainSpan keeping only the information for chromosome 21. Data is stored in the BigWig format and is used for examples in other packages.

Author(s)

Leonardo Collado-Torres lcolladotor@gmail.com

---

brainspanPheno   *BrainSpan phenotype information*

Description

Information for 24 samples from the BrainSpan project covering two structure types with 6 fetal and 6 adult samples per structure type.

Format

A data.frame with 7 columns:

gender   The gender of the individual sequenced.

lab   The label for the sample.

Age   The age in years of the individual sequenced.

structure_acronym   The structure acronym for the sequenced sample.

structure_name   The name of the structure sequenced.

file   The URL to the original BigWig file with data for all chromosomes.

 groupe   Whether the individual is considered a fetal or adult sample.

References

1. BrainSpan: Atlas of the Developing Human Brain [Internet]. Funded by ARRA Awards 1RC2MH089921-01, 1RC2MH090047-01, and 1RC2MH089929-01. 2011. Available from: http://developinghumanbrain.org.

2. See http://brainspan.org/policies.html#terms_of_use

Index

3