Package 'derfinderData'

November 10, 2026

Type Package

Title Processed BigWigs from BrainSpan for examples

Version 2.30.0

Date 2021-11-21

Depends R(>= 3.1.1)

Suggests sessioninfo, knitr (>= 1.6), RefManageR, rmarkdown (>= 0.3.3), BiocStyle

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.

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LazyData true

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

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

biocViews ExperimentData, Homo_sapiens_Data, RNASeqData

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

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

git_branch RELEASE_3_23

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`derfinderData-package` *derfinderData: 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.

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See Also

Useful links:

- https://github.com/leekgroup/derfinderData
- Report bugs at https://github.com/leekgroup/derfinderData/issues

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`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. 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

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