

# Package ‘derfinderData’

October 18, 2017

**Type** Package

**Title** Processed BigWigs from BrainSpan for examples

**Version** 0.110.0

**Date** 2015-06-12

**Depends** R(>= 3.1.1)

**Suggests** devtools (>= 1.6), 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/lcolladotor/derfinderData>

**BugReports** <https://github.com/lcolladotor/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 <lcollado@jhu.edu>

**NeedsCompilation** no

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derfinderHelper-package

*Processed BigWigs from BrainSpan for examples*

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### 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 <lcollado@jhu.edu>

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brainspanPheno

*BrainSpan phenotype information*

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### Description

Information for 22 samples from the BrainSpan project covering two structure types with 6 fetal and 6 adult samples per structure type.

### Format

A data.frame with 8 columns:

**gender** The gender of the individual sequenced.

**lab** The label for the sample.

**Age** The age in years of the individual sequenced.

**RIN** The RNA Integrity Number for the sequenced sample.

**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](http://brainspan.org/policies.html#terms_of_use)

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