

# Package ‘chromstaRData’

October 18, 2017

**Type** Package

**Title** ChIP-seq data for Demonstration Purposes

**Version** 1.2.0

**Date** 2016-06

**Author** Aaron Taudt

**Maintainer** Aaron Taudt <aaron.taudt@gmail.com>

**Description** ChIP-seq data for demonstration purposes in the chromstaR package.

**Depends** R (>= 3.3)

**License** GPL-3

**biocViews** Mus\_musculus\_Data, StemCell, ChIPSeqData

**NeedsCompilation** no

**RoxygenNote** 5.0.1

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chromstaRData	<i>ChIP-seq data from the EURATRANS project</i>
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## Description

ChIP-seq data from the EURATRANS project for left-ventricle (lv) heart tissue in brown normay (BN) and spontaneous hypertensive rat (SHR). The data was downsampled to chr12 to reduce the file size for demonstration purposes.

## Format

BED files with aligned reads.

**Source**

www.euratrans.eu

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experiment_table	<i>Experiment data table for EURATRANS example</i>
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**Description**

Experiment data table for the EURTRANS data sets of left-ventricle (lv) heart tissue for usage in vignette examples of package **chromstaR**.

**Format**

A data.frame with columns 'file', 'mark', 'condition', 'replicate' and 'pairedEndReads'.

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experiment_table_H4K20me1	<i>Experiment data table for EURATRANS H4K20me1-example</i>
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**Description**

Experiment data table for the EURTRANS H4K20me1 data sets of left-ventricle (lv) heart tissue for usage in vignette examples of package **chromstaR**.

**Format**

A data.frame with columns 'file', 'mark', 'condition', 'replicate' and 'pairedEndReads'.

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experiment_table_SHR	<i>Experiment data table for EURATRANS SHR-example</i>
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**Description**

Experiment data table for the EURTRANS data sets of left-ventricle (lv) heart tissue in spontaneous hypertensive rat (SHR) for usage in vignette examples of package **chromstaR**.

**Format**

A data.frame with columns 'file', 'mark', 'condition', 'replicate' and 'pairedEndReads'.

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expression_lv	<i>Expression data for the EURATRANS project</i>
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**Description**

Expression values for left-ventricle (lv) heart tissue in brown norway (BN) and spontaneous hypertensive rat (SHR).

**Format**

A data.frame with columns 'ensembl\_gene\_id', 'expression\_BN' and 'expression\_SHR'

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rn4_chrominfo	<i>Chromosome length information for rn4</i>
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**Description**

Chromosome length information for rat assembly rn4.

**Format**

A data.frame with chromosome and length information.

**See Also**

[fetchExtendedChromInfoFromUCSC](#)

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