Package ‘chromstaRData’

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Type Package

Title ChIP-seq data for Demonstration Purposes

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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

R topics documented:

`chromstaRData` *ChIP-seq data from the EURATRANS project*

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

`experiment_table` *Experiment data table for EURATRANS example*

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'.

`experiment_table_H4K20me1` *Experiment data table for EURATRANS H4K20me1-example*

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'.

`experiment_table_SHR` *Experiment data table for EURATRANS SHR-example*

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'.

`expression_lv` *Expression data for the EURATRANS project*

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’

`rn4_chrominfo` *Chromosome length information for rn4*

Description

Chromosome length information for rat assembly rn4.

Format

A data.frame with chromosome and length information.

See Also

`fetchExtendedChromInfoFromUCSC`

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