

Package ‘AneuFinderData’

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Type Package

Title WGSCS Data for Demonstration Purposes

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Description Whole-genome single cell sequencing data for demonstration purposes in the AneuFinder package.

Depends R (>= 3.3)

License file LICENSE

biocViews CopyNumberVariationData, LungCancerData, Homo_sapiens_Data, SequencingData

NeedsCompilation no

RoxygenNote 5.0.1

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BB150803_IV_074	<i>Example BAM-file</i>
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Description

A BAM-file for demonstration purposes of the functions in package **AneuFinder**.

Format

A BAM file with aligned reads.

Source

A single cell from T-cell Acute Lymphoblastic Leukemia in mouse. The file has been downsampled to 20% of the coverage to reduce the file size. For further details see TODO: insert publication (tumor ID T386).

hg19_diploid	<i>Diploid BAM-file</i>
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Description

A BAM-file with reads from a diploid human brain cell for demonstration purposes of the functions in package **AneuFinder**.

Format

A BED file with aligned reads.

Source

A single cell with WGSCS reads of a human brain cell. Unpublished data.

KK150311_VI_07	<i>Example BED-file</i>
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Description

A BED-file for demonstration purposes of the functions in package **AneuFinder**.

Format

A BED file with aligned reads.

Source

A single cell with Strand-seq reads. Unpublished data.

metastasis_liver	<i>Liver metastasis results</i>
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Description

Liver metastasis results in the form of Hidden Markov Models saved as RData, generated by the **AneuFinder** package.

Format

Files with aneuHMM objects.

Source

Patient material from a liver metastasis of a 79 year old women. For details see TODO:insert publication.

primary_lung	<i>Primary lung cancer results</i>
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Description

Primary lung cancer results in the form of Hidden Markov Models saved as RData, generated by the **AneuFinder** package.

Format

Files with aneuHMM objects.

Source

Patient material from a primary small cell lung cancer of a 79 year old women. For details see TODO:insert publication.

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