

# Package ‘AneuFinderData’

May 15, 2025

**Type** Package

**Title** WGSCS Data for Demonstration Purposes

**Version** 1.36.0

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**Author** Aaron Taudt

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

**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

**git\_url** <https://git.bioconductor.org/packages/AneuFinderData>

**git\_branch** RELEASE\_3\_21

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BB150803\_IV\_074      *Example BAM-file*

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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).

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hg19\_diploid      *Diploid BAM-file*

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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 Unpublished data.

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KK150311\_VI\_07      *Example BED-file*

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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 Unpublished data.

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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.

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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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