

# Package ‘AneuFinderData’

September 4, 2025

**Type** Package

**Title** WGSCS Data for Demonstration Purposes

**Version** 1.37.0

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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

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

**git\_branch** devel

**git\_last\_commit** e8ab974

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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 Unpublished data.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 Unpublished data.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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