

Package ‘AneuFinderData’

October 5, 2024

Type Package

Title WGSCS Data for Demonstration Purposes

Version 1.33.0

Date 2016-12

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 devel

git_last_commit 64adf44

git_last_commit_date 2024-04-30

Repository Bioconductor 3.20

Date/Publication 2024-10-05

Contents

| | |
|----------------------------|---|
| BB150803_IV_074 | 2 |
| hg19_diploid | 2 |
| KK150311_VI_07 | 2 |
| metastasis_liver | 3 |
| primary_lung | 3 |

| | |
|--------------|----------|
| Index | 4 |
|--------------|----------|

BB150803_IV_074

Example BAM-file

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

Diploid BAM-file

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 Unpublished data.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

Example BED-file

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 Unpublished data.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> |
|------------------|---------------------------------|

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> |
|--------------|------------------------------------|

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.

Index

bam (BB150803_IV_074), [2](#)

BB150803_IV_074, [2](#)

bed (KK150311_VI_07), [2](#)

diploid (hg19_diploid), [2](#)

hg19_diploid, [2](#)

KK150311_VI_07, [2](#)

liver (metastasis_liver), [3](#)

lung (primary_lung), [3](#)

metastasis (metastasis_liver), [3](#)

metastasis_liver, [3](#)

primary (primary_lung), [3](#)

primary_lung, [3](#)