

SCLCBam: Sequence data from chromosome 4 of a small-cell lung tumor.

Thomas Kuilman

October 31, 2024

Department of Molecular Oncology
Netherlands Cancer Institute
The Netherlands

t.kuilman@nki.nl or thomaskuilman@yahoo.com

Contents

1	Usage	1
2	Reference	1

1 Usage

To obtain the full path to the .bam file, use the `getPathBamFolder()` function:

```
> library(SCLCBam)
> getPathBamFolder()
```

```
/tmp/Rtmp1STuVe/Rinst22933520fe4b02/SCLCBam/extdata
```

The .bam file is provided as experimental data for the [CopywriteR](#) package, which uses off-target reads from targeted sequencing for copy number detection.

2 Reference

The dataset was downloaded from the European Nucleotide Archive using the accession number PRJEB6954 using sample accession number SAMEA2697779, and off-target reads on chromosome 4 were extracted. The full .bam file containing data for all chromosomes can be downloaded from <http://www.ebi.ac.uk/ena/data/view/SAMEA2697779>.