

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

**Thomas Kuilman**

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Department of Molecular Oncology  
Netherlands Cancer Institute  
The Netherlands

[t.kuilman@nki.nl](mailto:t.kuilman@nki.nl) or [thomaskuilman@yahoo.com](mailto:thomaskuilman@yahoo.com)

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## 1 Usage

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

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

```
/tmp/RtmpE74gw8/Rinst1ebd554967ad/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

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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>.