

Package ‘NGScopyData’

July 15, 2025

Type Package

Version 1.28.0

Date 2014-08-08 11:47:26 EDT

Title Subset of BAM files of human tumor and pooled normal sequencing data (Zhao et al. 2014) for the NGScopy package

Description Subset of BAM files of human lung tumor and pooled normal samples by targeted panel sequencing. [Zhao et al 2014. Targeted Sequencing in Non-Small Cell Lung Cancer (NSCLC) Using the University of North Carolina (UNC) Sequencing Assay Captures Most Previously Described Genetic Aberrations in NSCLC. In preparation.] Each sample is a 10 percent random subsample drawn from the original sequencing data. The pooled normal sample has been rescaled according to the total number of normal samples in the ``pool". Here provided is the subsampled data on chr6 (hg19).

License GPL (>=2)

LazyData yes

URL <http://www.bioconductor.org/packages/release/data/experiment/html/NGScopyData.html>

biocViews ExperimentData, CancerData, LungCancerData, SequencingData

Author Xiaobei Zhao [aut, cre, cph]

Maintainer Xiaobei Zhao <xiaobei@binf.ku.dk>

git_url <https://git.bioconductor.org/packages/NGScopyData>

git_branch RELEASE_3_21

git_last_commit 7bbf4de

git_last_commit_date 2025-04-15

Repository Bioconductor 3.21

Date/Publication 2025-07-15

Contents

NGScopyData-package	2
tps_27.chr6	3
tps_90.chr6	3
tps_N8.chr6	4
Index	5

NGScopyData-package	<i>Subset of BAM files of human tumor and pooled normal sequencing data (Zhao et al. 2014) for the NGScopy package</i>
---------------------	--

Description

Subset of BAM files of human tumor and pooled normal samples by targeted panel sequencing (Zhao et al. 2014). Each sample is a 10 percent random subsample drawn from the original sequencing data. The pooled normal sample has been rescaled according to the total number of normal samples in the "pool". Here provided is the subsampled data on chr6 (hg19).

Usage

tps_90.chr6()
tps_27.chr6()
tps_N8.chr6()

Author(s)

Xiaobei Zhao

References

Zhao et al (2014), Targeted Sequencing in Non-Small Cell Lung Cancer (NSCLC) Using the University of North Carolina (UNC) Sequencing Assay Captures Most Previously Described Genetic Aberrations in NSCLC. *In preparation*

See Also

NGScopy

tps_27.chr6*A subset of tumor sample (ID: 27) by targeted panel sequencing*

Description

A subset of tumor sample (ID: 27) by targeted panel sequencing, a 10 percent random subsample drawn from chr6, hg19 (Zhao et al. 2014).

Usage

```
tps_27.chr6()
```

Value

character, the path of the (sorted) bam file and its index file

Author(s)

Xiaobei Zhao

See Also

[NGScopyData](#) NGScopy

Examples

```
require(NGScopyData)
tps_27.chr6()
```

tps_90.chr6*A subset of tumor sample (ID: 90) by targeted panel sequencing*

Description

A subset of tumor sample (ID: 90) by targeted panel sequencing, a 10 percent random subsample drawn from chr6, hg19 (Zhao et al. 2014).

Usage

```
tps_90.chr6()
```

Value

character, the path of the (sorted) bam file and its index file

Author(s)

Xiaobei Zhao

See Also

[NGScopyData](#) [NGScopy](#)

Examples

```
require(NGScopyData)
tps_90.chr6()
```

tps_N8.chr6

A subset of pooled normal sample (ID: N8) by targeted panel sequencing

Description

A subset of pooled normal sample (ID: N8) by targeted panel sequencing, a 10 percent random subsample, rescaled by the total number of normal samples in the "pool", drawn from chr6, hg19 (Zhao et al. 2014).

Usage

```
tps_N8.chr6()
```

Value

character, the path of the (sorted) bam file and its index file

Author(s)

Xiaobei Zhao

See Also

[NGScopyData](#) [NGScopy](#)

Examples

```
require(NGScopyData)
tps_N8.chr6()
```

Index

* **package**

NGScopyData-package, [2](#)

NGScopyData, [3](#), [4](#)

NGScopyData (NGScopyData-package), [2](#)

NGScopyData-package, [2](#)

tps_27.chr6, [3](#)

tps_90.chr6, [3](#)

tps_N8.chr6, [4](#)