

Example data for BreakPointR

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May 15, 2018

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1 Data description

This package provides data for demonstration purposes in package *breakpointR*. It contains five example BAM files to illustrate functionalities of *breakpointR* package, as well as corresponding results stored in **BreakPoint** objects in order to demonstrate plotting options. The following example data are present inside the package *strandseqExampleData*:

```
library(strandseqExampleData)
?example_bams
?example_results
```

Example data can be loaded in the following way:

```
## Example BAM files
path <- system.file("extdata", "example_bams", package="strandseqExampleData")
files <- list.files(path, full.names=TRUE, pattern=".bam$")
```

files

```
## [1] "/extdata/example_bams/HG00731_III_002.alt_bwamem_GRCh38DH.20151004.CHS.monodinuc_strandseq.bam"
## [2] "/extdata/example_bams/HG00731_III_003.alt_bwamem_GRCh38DH.20151004.CHS.monodinuc_strandseq.bam"
## [3] "/extdata/example_bams/HG00731_III_004.alt_bwamem_GRCh38DH.20151004.CHS.monodinuc_strandseq.bam"
## [4] "/extdata/example_bams/HG00731_III_005.alt_bwamem_GRCh38DH.20151004.CHS.monodinuc_strandseq.bam"
## [5] "/extdata/example_bams/HG00731_III_008.alt_bwamem_GRCh38DH.20151004.CHS.monodinuc_strandseq.bam"
```

```
## Example results
path <- system.file("extdata", "example_results", package="strandseqExampleData")
files <- list.files(path, full.names=TRUE)
```

files

```
## [1] "/extdata/example_results/HG00731_III_002.alt_bwamem_GRCh38DH.20151004.CHS.monodinuc_strandseq.bam.RData"
## [2] "/extdata/example_results/HG00731_III_003.alt_bwamem_GRCh38DH.20151004.CHS.monodinuc_strandseq.bam.RData"
## [3] "/extdata/example_results/HG00731_III_004.alt_bwamem_GRCh38DH.20151004.CHS.monodinuc_strandseq.bam.RData"
## [4] "/extdata/example_results/HG00731_III_005.alt_bwamem_GRCh38DH.20151004.CHS.monodinuc_strandseq.bam.RData"
## [5] "/extdata/example_results/HG00731_III_008.alt_bwamem_GRCh38DH.20151004.CHS.monodinuc_strandseq.bam.RData"
```