

Example data for breakpointR

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Example data for breakpointR

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 `breakpointRdata`:

```
library(breakpointRdata)
?example_bams
?example_results
```

Example data can be loaded in the following way:

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

```
files
## [1] "/extdata/example_bams/example_lib1.bam" "/extdata/example_bams/example_lib2.bam"
## [3] "/extdata/example_bams/example_lib3.bam" "/extdata/example_bams/example_lib4.bam"
```

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

```
files
## [1] "/extdata/example_results/example_lib1.RData"
## [2] "/extdata/example_results/example_lib2.RData"
## [3] "/extdata/example_results/example_lib3.RData"
## [4] "/extdata/example_results/example_lib4.RData"
```

2 Session Info

```
toLatex(sessionInfo())
```

- R version 3.5.1 Patched (2018-07-12 r74967), x86_64-pc-linux-gnu
- Locale: LC_CTYPE=en_US.UTF-8, LC_NUMERIC=C, LC_TIME=en_US.UTF-8, LC_COLLATE=C, LC_MONETARY=en_US.UTF-8, LC_MESSAGES=en_US.UTF-8, LC_PAPER=en_US.UTF-8, LC_NAME=C, LC_ADDRESS=C, LC_TELEPHONE=C, LC_MEASUREMENT=en_US.UTF-8, LC_IDENTIFICATION=C
- Running under: Ubuntu 16.04.5 LTS
- Matrix products: default
- BLAS: /home/biocbuild/bbs-3.8-bioc/R/lib/libRblas.so
- LAPACK: /home/biocbuild/bbs-3.8-bioc/R/lib/libRlapack.so
- Base packages: base, datasets, grDevices, graphics, methods, stats, utils
- Other packages: breakpointRdata 1.0.0
- Loaded via a namespace (and not attached): BiocManager 1.30.3, BiocStyle 2.10.0, Rcpp 0.12.19, backports 1.1.2, compiler 3.5.1, digest 0.6.18, evaluate 0.12, highr 0.7, htmltools 0.3.6, knitr 1.20, magrittr 1.5, rmarkdown 1.10, rprojroot 1.3-2, stringi 1.2.4, stringr 1.3.1, tools 3.5.1, yaml 2.2.0