

BSgenome.Mmulatta.UCSC.rheMac10

October 16, 2024

BSgenome.Mmulatta.UCSC.rheMac10

Full genome sequences for Macaca mulatta (UCSC version rheMac10)

Description

Full genome sequences for *Macaca mulatta* (Rhesus) as provided by UCSC (rheMac10, Feb. 2019) and stored in **Biostrings** objects.

Note

This BSgenome data package was made from the following source data files:

rheMac10.2bit from <http://hgdownload.soe.ucsc.edu/goldenPath/rheMac10/bigZips/>

See [?BSgenomeForge](#) and the BSgenomeForge vignette (`vignette("BSgenomeForge")`) in the **BSgenome** software package for how to make a BSgenome data package.

Author(s)

The Bioconductor Dev Team

See Also

- **BSgenome** objects and the `available.genomes` function in the **BSgenome** software package.
- **DNAString** objects in the **Biostrings** package.
- The BSgenomeForge vignette (`vignette("BSgenomeForge")`) in the **BSgenome** software package for how to make a BSgenome data package.

Examples

```
BSgenome.Mmulatta.UCSC.rheMac10
genome <- BSgenome.Mmulatta.UCSC.rheMac10
head(seqlengths(genome))
genome$chr1 # same as genome[["chr1"]]

## -----
## Genome-wide motif searching
## -----
## See the GenomeSearching vignette in the BSgenome software
## package for some examples of genome-wide motif searching using
## Biostrings and the BSgenome data packages:
if (interactive())
  vignette("GenomeSearching", package="BSgenome")
```

Index

*** data**

BSgenome.Mmulatta.UCSC.rheMac10, [1](#)

*** package**

BSgenome.Mmulatta.UCSC.rheMac10, [1](#)

available.genomes, [1](#)

BSgenome, [1](#)

BSgenome.Mmulatta.UCSC.rheMac10, [1](#)

BSgenome.Mmulatta.UCSC.rheMac10-package
(BSgenome.Mmulatta.UCSC.rheMac10),
[1](#)

BSgenomeForge, [1](#)

DNAStrng, [1](#)

Mmulatta

(BSgenome.Mmulatta.UCSC.rheMac10),
[1](#)