

BSgenome.Mmusculus.UCSC.mm39

July 16, 2025

BSgenome.Mmusculus.UCSC.mm39

Full genome sequences for Mus musculus (UCSC genome mm39, based on GRCm39)

Description

Full genome sequences for Mus musculus (Mouse) as provided by UCSC (genome mm39, based on assembly GRCm39) and stored in Biostrings objects.

Note

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

mm39.2bit, downloaded from <https://hgdownload.soe.ucsc.edu/goldenPath/mm39/bigZips/> on August 30,

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.Mmusculus.UCSC.mm39
genome <- BSgenome.Mmusculus.UCSC.mm39
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.Mmusculus.UCSC.mm39, [1](#)

* **package**

BSgenome.Mmusculus.UCSC.mm39, [1](#)

available.genomes, [1](#)

BSgenome, [1](#)

BSgenome.Mmusculus.UCSC.mm39, [1](#)

BSgenome.Mmusculus.UCSC.mm39-package
(BSgenome.Mmusculus.UCSC.mm39),
[1](#)

BSgenomeForge, [1](#)

DNAString, [1](#)

Mmusculus

(BSgenome.Mmusculus.UCSC.mm39),
[1](#)