

# BSgenome.Mdomestica.UCSC.monDom5

February 19, 2025

---

BSgenome.Mdomestica.UCSC.monDom5

*Full genome sequences for Monodelphis domestica (UCSC version monDom5)*

---

## Description

Full genome sequences for *Monodelphis domestica* (Opossum) as provided by UCSC (monDom5, Oct. 2006) and stored in Biostrings objects.

## Note

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

monDom5.2bit from <http://hgdownload.cse.ucsc.edu/goldenPath/monDom5/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.Mdomestica.UCSC.monDom5
genome <- BSgenome.Mdomestica.UCSC.monDom5
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.Mdomestica.UCSC.monDom5,  
[1](#)

\* **package**

BSgenome.Mdomestica.UCSC.monDom5,  
[1](#)

available.genomes, [1](#)

BSgenome, [1](#)

BSgenome.Mdomestica.UCSC.monDom5, [1](#)

BSgenome.Mdomestica.UCSC.monDom5-package  
(BSgenome.Mdomestica.UCSC.monDom5),  
[1](#)

BSgenomeForge, [1](#)

DNASTring, [1](#)

Mdomestica

(BSgenome.Mdomestica.UCSC.monDom5),  
[1](#)