

BSgenome.Dmelanogaster.UCSC.dm2

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BSgenome.Dmelanogaster.UCSC.dm2

Full genome sequences for Drosophila melanogaster (UCSC version dm2)

Description

Full genome sequences for Drosophila melanogaster (Fly) as provided by UCSC (dm2, Apr. 2004) and stored in Biostrings objects.

Note

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

chromFa.zip, upstream1000.fa.gz, upstream2000.fa.gz, upstream5000.fa.gz
from <http://hgdownload.cse.ucsc.edu/goldenPath/dm2/bigZips/>

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

Author(s)

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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.Dmelanogaster.UCSC.dm2
genome <- BSgenome.Dmelanogaster.UCSC.dm2
seqlengths(genome)
genome$chr2L # same as genome[["chr2L"]]

## 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")
```

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