

BSgenome.Celegans.UCSC.ce11

April 16, 2019

BSgenome.Celegans.UCSC.ce11

Full genome sequences for Caenorhabditis elegans (UCSC version ce11)

Description

Full genome sequences for *Caenorhabditis elegans* (Worm) as provided by UCSC (ce11, Feb. 2013) and stored in **Biostrings** objects.

Note

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

ce11.2bit from <http://hgdownload.soe.ucsc.edu/goldenPath/ce11/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.Celegans.UCSC.ce11
genome <- BSgenome.Celegans.UCSC.ce11
head(seqlengths(genome))
genome$chrI # same as genome[["chrI"]]

## -----
## 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

*Topic **data**

BSgenome.Celegans.UCSC.ce11, [1](#)

*Topic **package**

BSgenome.Celegans.UCSC.ce11, [1](#)

available.genomes, [1](#)

BSgenome, [1](#)

BSgenome.Celegans.UCSC.ce11, [1](#)

BSgenome.Celegans.UCSC.ce11-package
(BSgenome.Celegans.UCSC.ce11),
[1](#)

BSgenomeForge, [1](#)

Celegans (BSgenome.Celegans.UCSC.ce11),
[1](#)

DNAStrng, [1](#)