BSgenome.Creinhardtii.JGI.v5.6

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`BSgenome.Creinhardtii.JGI.v5.6`

Full genome sequences for Chlamydomonas reinhardtii (v5.6)

Description

Full genome sequences for Chlamydomonas reinhardtii (v5.6) as provided by JGI and stored in Biostrings objects. The data in this package is public. See 'citation("BSgenome.Creinhardtii.JGI.v5.6")' for how to cite in publications.

Note

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

`Creinhardtii_281_v5.0.fa.gz` from `https://phytozome-next.jgi.doe.gov/info/Creinhardtii_v5_6`

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.Creinhardtii.JGI.v5.6
genome <- BSgenome.Creinhardtii.JGI.v5.6
head(seqlengths(genome))
genome[["chromosome_1"]]

## ---------------------------------------------------------------------
## 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")
```

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