

# BSgenome.Ppaniscus.UCSC.panPan1

January 29, 2025

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BSgenome.Ppaniscus.UCSC.panPan1

*Full genome sequences for Pan paniscus (UCSC version panPan1)*

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## Description

Full genome sequences for Pan paniscus (Bonobo) as provided by UCSC (panPan1, May 2012) and stored in Biostrings objects.

## Note

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

panPan1.2bit from <https://hgdownload.cse.ucsc.edu/goldenPath/panPan1/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.Ppaniscus.UCSC.panPan1
genome <- BSgenome.Ppaniscus.UCSC.panPan1
head(seqlengths(genome))
genome$AJFE01000001 # same as genome[["AJFE01000001"]]

## -----
## Genome-wide motif searching
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## 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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