

# BSgenome.Ptroglydytes.UCSC.panTro6

November 13, 2024

---

BSgenome.Ptroglydytes.UCSC.panTro6

*Full genome sequences for Pan troglodytes (UCSC version panTro6)*

---

## Description

Full genome sequences for Pan troglodytes (Chimp) as provided by UCSC (panTro6, Jan. 2018) and stored in Biostrings objects.

## Note

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

panTro6.2bit from <http://hgdownload.cse.ucsc.edu/goldenPath/panTro6/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.Ptroglydytes.UCSC.panTro6
genome <- BSgenome.Ptroglydytes.UCSC.panTro6
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.Ptroglydytes.UCSC.panTro6,  
[1](#)

## \* **package**

BSgenome.Ptroglydytes.UCSC.panTro6,  
[1](#)

available.genomes, [1](#)

BSgenome, [1](#)

BSgenome.Ptroglydytes.UCSC.panTro6, [1](#)

BSgenome.Ptroglydytes.UCSC.panTro6-package  
(BSgenome.Ptroglydytes.UCSC.panTro6),  
[1](#)

BSgenomeForge, [1](#)

DNAStrng, [1](#)

Ptroglydytes

(BSgenome.Ptroglydytes.UCSC.panTro6),  
[1](#)