

# BSgenome.Ggallus.UCSC.galGal6

November 27, 2024

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BSgenome.Ggallus.UCSC.galGal6

*Full genome sequences for Gallus gallus (UCSC version galGal6)*

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## Description

Full genome sequences for Gallus gallus (Chicken) as provided by UCSC (galGal6, Mar. 2018) and stored in Biostrings objects.

## Note

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

galGal6.2bit from <http://hgdownload.cse.ucsc.edu/goldenPath/galGal6/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.Ggallus.UCSC.galGal6
genome <- BSgenome.Ggallus.UCSC.galGal6
head(seqlengths(genome))
genome$chr1 # same as genome[["chr1"]]

## -----
## 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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