

BSgenome.Ggallus.UCSC.galGal6

December 25, 2024

BSgenome.Ggallus.UCSC.galGal6

Full genome sequences for Gallus gallus (UCSC version galGal6)

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)

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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.Ggallus.UCSC.galGal6
genome <- BSgenome.Ggallus.UCSC.galGal6
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")
```

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