BSgenome.Hsapiens.NCBI.GRCh38

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BSgenome.Hsapiens.NCBI.GRCh38

*Full genome sequences for Homo sapiens (GRCh38)*

**Description**

Full genome sequences for Homo sapiens (Human) as provided by NCBI (GRCh38, 2013-12-17) and stored in Biostrings objects.

**Note**

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


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.Hsapiens.NCBI.GRCh38

genome <- BSgenome.Hsapiens.NCBI.GRCh38
seqlengths(genome)
genome[["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")
Index

* data
  BSgenome.Hsapiens.NCBI.GRCh38, 1

* package
  BSgenome.Hsapiens.NCBI.GRCh38, 1

available.genomes, 1

BSgenome, 1
BSgenome.Hsapiens.NCBI.GRCh38, 1
BSgenome.Hsapiens.NCBI.GRCh38-package
  (BSgenome.Hsapiens.NCBI.GRCh38), 1

BSgenomeForge, 1

DNAString, 1

Hsapiens
  (BSgenome.Hsapiens.NCBI.GRCh38), 1