

BSgenome.Amellifera.UCSC.apiMel2

July 9, 2025

BSgenome.Amellifera.UCSC.apiMel2

Full genome sequences for Apis mellifera (UCSC version apiMel2)

Description

Full genome sequences for Apis mellifera (Honey Bee) as provided by UCSC (apiMel2, Jan. 2005) and stored in Biostrings objects.

Note

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

GroupFa.zip from <http://hgdownload.cse.ucsc.edu/goldenPath/apiMel2/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.Amellifera.UCSC.apiMel2
genome <- BSgenome.Amellifera.UCSC.apiMel2
seqlengths(genome)
genome$Group1 # same as genome[["Group1"]]

## -----
## 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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