

BSgenome.Amellifera.NCBI.AmelHAV3.1

May 14, 2025

BSgenome.Amellifera.NCBI.AmelHAV3.1

Full genome sequences for Apis mellifera (Amel_HAV3.1)

Description

Full genome sequences for Apis mellifera as provided by NCBI (assembly Amel_HAV3.1, assembly accession GCF_003254395.2) and stored in Biostrings objects.

Note

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

GCF_003254395.2_Amel_HAV3.1_genomic.fna.gz from <https://ftp.ncbi.nlm.nih.gov/genomes/all/GCF/003/254>

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.NCBI.AmelHAV3.1
genome <- BSgenome.Amellifera.NCBI.AmelHAV3.1
head(seqlengths(genome))
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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