

BSgenome.Amellifera.NCBI.AmelHAV3.1

July 16, 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>

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")
```

Index

- * **data**
 - BSgenome.Amelliifera.NCBI.AmelHAV3.1,
[1](#)
- * **package**
 - BSgenome.Amelliifera.NCBI.AmelHAV3.1,
[1](#)
- Amelliifera
 - (BSgenome.Amelliifera.NCBI.AmelHAV3.1),
[1](#)
- available.genomes, [1](#)
- BSgenome, [1](#)
- BSgenome.Amelliifera.NCBI.AmelHAV3.1, [1](#)
- BSgenome.Amelliifera.NCBI.AmelHAV3.1-package
 - (BSgenome.Amelliifera.NCBI.AmelHAV3.1),
[1](#)
- BSgenomeForge, [1](#)
- DNASTring, [1](#)