

BSgenome.Aofficinalis.NCBI.V1

February 19, 2025

BSgenome.Aofficinalis.NCBI.V1

Asparagus officinalis (Garden asparagus) full genome (NCBI version Aspof.V1)

Description

Full genome sequences for *Asparagus officinalis* (Garden asparagus) as provided by NCBI (Aspof.V1, Feb. 2017) and stored in Biostrings objects.

Note

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

https://www.ncbi.nlm.nih.gov/assembly/GCF_001876935.1/

See [?BSgenomeForge](#) and the BSgenomeForge vignette (`vignette("BSgenomeForge")`) in the **BSgenome** software package for how to make a BSgenome data package.

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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.Aofficinalis.NCBI.V1
genome <- BSgenome.Aofficinalis.NCBI.V1
head(seqlengths(genome))

## -----
## 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.Aofficinalis.NCBI.V1, [1](#)

* **package**

BSgenome.Aofficinalis.NCBI.V1, [1](#)

Aofficinalis

(BSgenome.Aofficinalis.NCBI.V1),

[1](#)

available.genomes, [1](#)

BSgenome, [1](#)

BSgenome.Aofficinalis.NCBI.V1, [1](#)

BSgenome.Aofficinalis.NCBI.V1-package

(BSgenome.Aofficinalis.NCBI.V1),

[1](#)

BSgenomeForge, [1](#)

DNAStrng, [1](#)