

# BSgenome.Aofficinalis.NCBI.V1

August 14, 2024

---

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/](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.

## Author(s)

Jose V. Die <jose.die@uco.es>

## 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](#)