

# BSgenome.Aofficinalis.NCBI.V1

September 30, 2024

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BSgenome.Aofficinalis.NCBI.V1

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

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## 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.

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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")
```

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