# BSgenome.Aofficinalis.NCBI.V1

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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/`

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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