BSgenome.Aofficinalis.NCBI.V1

November 6, 2026

`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")
```

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