BSgenome.Athaliana.TAIR.TAIR10.1

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Full genome sequences for Arabidopsis thaliana (TAIR10.1)

Description

Full genome sequences for Arabidopsis thaliana as provided by TAIR (TAIR10.1, RefSeq assembly accession: GCF_000001735.4) and stored in Biostrings objects.

Note

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

```
GCF_000001735.4_TAIR10.1_genomic.fna.gz from https://ftp.ncbi.nlm.nih.gov/genomes/all/GCF/000/00
```

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

Author(s)

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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.Athaliana.TAIR.TAIR10.1
genome <- BSgenome.Athaliana.TAIR.TAIR10.1
head(seqlengths(genome))
genome[["1"]]

## ------------------------------------------------------------------
## 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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