

# BSgenome.Athaliana.TAIR.04232008

January 21, 2026

---

BSgenome.Athaliana.TAIR.04232008

*Full genome sequences for Arabidopsis thaliana (TAIR version from April 23, 2008)*

---

## Description

Full genome sequences for *Arabidopsis thaliana* as provided by TAIR (snapshot from April 23, 2008) and stored in **Biostrings** objects.

## Note

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

all the `chr*.fas` file from `ftp://ftp.arabidopsis.org/home/tair/Sequences/whole_chromosomes/`  
WARNING: This is where things are today (Oct 1st, 2008) but is probably  
NOT aimed to be the permanent URL for the 04232008 snapshot of the genome.  
TAIR might update the content of this folder in the future with a new  
snapshot and move the 04232008 snapshot to the OLD/ subfolder.

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

## Author(s)

The Bioconductor Dev Team

## 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.04232008
genome <- BSgenome.Athaliana.TAIR.04232008
seqlengths(genome)
genome$chr1 # same as genome[["chr1"]]

## -----
## 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.Athaliana.TAIR.04232008,
  1
* package
  BSgenome.Athaliana.TAIR.04232008,
  1

Athaliana
  (BSgenome.Athaliana.TAIR.04232008),
  1
available.genomes, 1

BSgenome, 1
BSgenome.Athaliana.TAIR.04232008, 1
BSgenome.Athaliana.TAIR.04232008-package
  (BSgenome.Athaliana.TAIR.04232008),
  1
BSgenomeForge, 1

DNAString, 1
```