

# BSgenome.Sscrofa.UCSC.susScr11

November 6, 2024

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BSgenome.Sscrofa.UCSC.susScr11

*Full genome sequences for Sus scrofa (UCSC version susScr11)*

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## Description

Full genome sequences for Sus scrofa (Pig) as provided by UCSC (susScr11, Feb. 2017) and stored in Biostrings objects.

## Note

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

susScr11.2bit from <http://hgdownload.cse.ucsc.edu/goldenPath/susScr11/bigZips/>

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.Sscrofa.UCSC.susScr11
genome <- BSgenome.Sscrofa.UCSC.susScr11
head(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")
```

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