

BSgenome.Sscrofa.UCSC.susScr3

June 4, 2025

BSgenome.Sscrofa.UCSC.susScr3

Full genome sequences for Sus scrofa (UCSC version susScr3)

Description

Full genome sequences for Sus scrofa (Pig) as provided by UCSC (susScr3, Aug. 2011) and stored in Biostrings objects.

Note

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

susScr3.fa.gz from <http://hgdownload.soe.ucsc.edu/goldenPath/susScr3/bigZips/>

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.Sscrofa.UCSC.susScr3
genome <- BSgenome.Sscrofa.UCSC.susScr3
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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