BSgenome.Gaculeatus.UCSC.gasAcu1

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Full genome sequences for Gasterosteus aculeatus (UCSC version gasAcu1)

Description

Full genome sequences for Gasterosteus aculeatus (Stickleback) as provided by UCSC (gasAcu1, Feb. 2006) and stored in Biostrings objects.

Note

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

```
chromFa.tar.gz + upstream*.fa.gz files
from http://hgdownload.cse.ucsc.edu/goldenPath/gasAcu1/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.

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Examples

```
BSgenome.Gaculeatus.UCSC.gasAcu1
genome <- BSgenome.Gaculeatus.UCSC.gasAcu1
seqlengths(genome)
genome$chrI # same as genome[["chrI"]]

## 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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