

BSgenome.Tgondii.ToxoDB.7.0

April 6, 2012

Tgondii

Toxoplasma gondii ME49 (ToxoDB-7.0)

Description

Toxoplasma gondii ME49 genome Release 7.0 available at <http://www.toxodb.org>

Note

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

-- information not available --

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

Author(s)

Matthew Croken <matthew.croken@phd.einstein.yu.edu>

See Also

[BSgenome-class](#), [DNASTring-class](#), [available.genomes](#), [BSgenomeForge](#)

Examples

```
if ("AGAPS" %in% masknames(Tgondii)) {  
  
  ## Check that the assembly gaps contain only Ns:  
  checkOnlyNsInGaps <- function(seq)  
  {  
    ## Replace all masks by the inverted AGAPS mask  
    masks(seq) <- gaps(masks(seq)["AGAPS"])  
    unique_letters <- uniqueLetters(seq)  
    if (any(unique_letters != "N"))  
      stop("assembly gaps contain more than just Ns")  
  }  
}
```

```
}

## A message will be printed each time a sequence is removed
## from the cache:
options(verbose=TRUE)

for (seqname in seqnames(Tgondii)) {
  cat("Checking sequence", seqname, "... ")
  seq <- Tgondii[[seqname]]
  checkOnlyNsInGaps(seq)
  cat("OK\n")
}

## 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

*Topic **data**

Tgondii, [1](#)

*Topic **package**

Tgondii, [1](#)

available.genomes, [1](#)

BSgenome-class, [1](#)

BSgenome.Tgondii.ToxoDB.7.0 (Tgondii), [1](#)

BSgenome.Tgondii.ToxoDB.7.0-package

(Tgondii), [1](#)

BSgenomeForge, [1](#)

DNASTring-class, [1](#)

Tgondii, [1](#)