fitCons.UCSC.hg19

March 20, 2024

Description

This annotation package stores fitCons scores from UCSC for the human genome (hg19), corresponding to fitness consequences of functional annotations. The data are stored in the form of \texttt{Rle} objects and are loaded automatically as an object of class \texttt{GScores}. The name of the exposed object matches the name of the package and part of the filename that contained the data imported into the package. The class definition and methods to access \texttt{GScores} objects are found in the \texttt{GenomicScores} software package.

Format

\texttt{fitCons.UCSC.hg19} \quad \texttt{GScores} object containing fitCons conservation scores from UCSC for the human genome (hg19) downloaded on March 2024 from \texttt{http://siepellab.labsites.cshl.edu}.

Author(s)

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Source


See Also

GScores GenomicScores

Examples

library(GenomicRanges)
library(fitCons.UCSC.hg19)

ls("package:fitCons.UCSC.hg19")

fitcons <- fitCons.UCSC.hg19
citation(fitcons)
gscores(fitcons, GRanges("chr7:117232380-117232384"))
Index

* data
  fitCons.UCSC.hg19-package, 1

* package
  fitCons.UCSC.hg19-package, 1

fitCons.UCSC.hg19, 1
fitCons.UCSC.hg19
  (fitCons.UCSC.hg19-package), 1
fitCons.UCSC.hg19-package, 1

GenomicScores, 1, 2
GScores, 1, 2

Rle, 1