Annotation package for UCSC human fitCons scores of fitness consequence of functional annotations

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 Rle objects and are loaded automatically as an object of class 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 GScores objects are found in the GenomicScores software package.

Format

fitCons.UCSC.hg19  GScores object containing fitCons conservation scores from UCSC for the human genome (hg19) downloaded on March 2018 from http://siepellab.labsites.cshl.edu.

Author(s)

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Source


CSHL website of the Siepel Lab (URL: http://siepellab.labsites.cshl.edu) [March, 2018, accessed]
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"))
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