fitCons.UCSC.hg19

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fitCons.UCSC.hg19-package

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 PhastConsDb. 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 PhastConsDb objects are found in the VariantFiltering software package.

Format

fitCons.UCSC.hg19 PhastConsDb object containing fitCons conservation scores from UCSC for the human genome (hg19) downloaded in July 2016 from http://genome-mirror.cshl.edu.

Author(s)

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Source


CSHL mirror of the UCSC Genome Browser (URL: http://genome-mirror.cshl.edu) [July, 2016, accessed]

See Also

PhastConsDb VariantFiltering
Examples

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

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

fitCons.UCSC.hg19
scores(fitCons.UCSC.hg19,
      GRanges(seqnames="chr7", IRanges(start=117232380, width=5)))
```
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