Package 'genomeplot'

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Type Package

Title 'Plot genome wide values for all chromosomes'

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Author Jing Xu and Yongshuai Jiang

Maintainer Jing Xu<xujingaddressee@foxmail.com>

Description Plot values of markers(SNPs, expression, genes, RNA,...) for all chromosomes.

License GPL (>= 3)

Depends ggplot2

NeedsCompilation no

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R topics documented:

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genomeplot-package   *'Plot genome wide values for all chromosomes'*

Description

Plot values of markers(SNPs, expression, genes, RNA,...) for all chromosomes.

Details

the data to be read will contain four columes,which are cgID,chromosome number,the position,the values.

Author(s)

Jing Xu and Yongshuai Jiang

Maintainer: Jing Xu<xujingaddressee@foxmail.com>

References

2016 tutorial

See Also

ggplot

Examples

```
data(sample_data)
select <- 1
genomeplot(sample_data,select)
```

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genomeplot	*'Plot genome wide values for all chromosomes'*

Description

Plot values of markers(SNPs, expression, genes, RNA,...) for all chromosomes.

Usage

```
genomeplot(data, select)
```

Arguments

data   The data are to be used.Each row of the table appears as one line of the file. If it
            does not contain an absolute path, the file name is relative to the current working
            directory, getwd(). Tilde-expansion is performed where supported. This can be
            a compressed file.

select   integer: the number of colour schemes which you will choose for the graphic.

Details

The data to be read will contain four columes,which are cgID,chromosome number,the position,the
values.

Value

return the graphic.

Note

return the graphic.

Author(s)

Jing Xu and Yongshuai Jiang

References

2016 tutorial

See Also

[ggplot](#)

Examples

```
data(sample_data)
select <- 1
genomeplot(sample_data,select)
```

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sample_data *'sample data'*

Description

An example for the data input.

Usage

```
data("sample_data")
```

Format

A data frame with 22000 observations on the following 4 variables.

V1 a factor with levels

V2 a numeric vector

V3 a numeric vector

V4 a numeric vector

Details

The input data must be same as the sample data.

Source

nothing

References

2016 tutorial

Examples

```
data(sample_data)
## maybe str(sample_data) ; plot(sample_data) ...
```

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