Package ‘minfiData’

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Title Example data for the Illumina Methylation 450k array

Description Data from 6 samples across 2 groups from 450k methylation arrays.

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`MsetEx` *An example dataset for Illumina's Human Methylation 450k dataset, after preprocessing.*

Description

This contains the raw data for 6 samples from Illumina's Human Methylation 450k dataset. The data has been preprocessed.

Usage

```
data(MsetEx)
data(MsetEx.sub)
```

Details

Currently, the pheno data for these 6 samples are masked. Scripts for creating the object is found in the `scripts` directory of the package and `extdata` contains the IDAT files. The data has been preprocessed using `preprocessRaw`.

The `MsetEx.sub` is a subset with 600 CpGs (200 of Type II, 200 of Type I - Red and 200 of Type II - Green), used for examples.

Value

An object of class `"MethylSet"`

See Also

`MethylSet` for the class definition, `preprocessRaw` for the preprocessing function, `RGsetEx` for the companion raw data.

Examples

```
data(MsetEx)
data(MsetEx.sub)
pData(MsetEx)
```

`RGsetEx` *An example dataset for Illumina's Human Methylation 450k dataset.*

Description

This contains the raw data for 6 samples from Illumina's Human Methylation 450k dataset.

Usage

```
data(RGsetEx)
data(RGsetEx.sub)
```

Details

Currently, the pheno data for these 6 samples are masked. Scripts for creating the object is found in the `scripts` directory of the package and `extdata` contains the IDAT files.

The `RGsetEx.sub` is a subset with 600 CpGs (200 of Type II, 200 of Type I - Red and 200 of Type II - Green), used for examples.

Value

An object of class `"RGChannelSet"`

See Also

`RGChannelSet` for the class definition, `MsetEx` for the comparion preprocessed data.

Examples

```
data(RGsetEx)
data(RGsetEx.sub)
pData(RGsetEx)
```

Index