GGdata

April 13, 2009

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hmceuB36   *representations of HapMap snp data + expression data*

Description

representations of HapMap snp data + expression data

Usage

```
data(hmceuB36)
```

Details

These instances of class smlSet are created from two basic sources.

First, the expression data for 90 CEU families in CEPH were obtained from SANGER GENEVAR project.

Second, data on forward non-redundant SNPs in these individuals the HapMap build 36 ftp site in march 2008. Full provenance information still to be supplied.

Value

instances of class smlSet

Author(s)

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References

Cheung VG., Spielman RS., Ewens KG., Weber TM., Morley M & Burdick JT.: Mapping determinants of human gene expression by regional and whole genome association. Nature, 437: 1365-1369, 2005

Examples

```
data(hmceuB36)
# be patient
exprs(hmceuB36)[1:4,1:4]
as(smList(hmceuB36)[[1]][1:4,1:4], "character")
library(GGtools)
tt = gwSnpTests(genesym("CPNE1")~male, hmceuB36, snpdepth(500))
tt
plot(tt)
```

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