Package ‘antiProfilesData’

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Maintainer  Hector Corrada Bravo <hcorrada@gmail.com>
Author  Hector Corrada Bravo, Matthew McCall and Rafael A. Irizarry
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Title  Normal colon and cancer preprocessed affy data for antiProfile building.


LazyData  yes

Depends  Biobase,
Suggests  frma, GEOquery, GEOmetadb
biocViews  ExperimentData, MicroarrayData, Tissue, CancerData, ColonCancerData

Collate  ‘antiProfilesData-package.r’ ‘apColonData.r’
NeedsCompilation  no

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antiProfilesData-package

Curated dataset of normal and cancer samples on Affymetrix hgu133plus2 expression arrays.

Description

Author(s)

Hector Corrada Bravo

References


Description


format

Data is an ExpressionSet object. The exprs slot contains gene expression barcode z-scores from frma preprocessed data. The phenoData slot contains a data frame with the following columns:

- filename: The CEL filename in the Gene Expression Omnibus (GEO)
- DB_ID: The GSM sample id in GEO
- ExperimentID: The GSE experiment id in GEO
- Tissue: Tissue type, obtained from the gene expression barcode annotation
- SubType: Sample sub-type, obtained from the gene expression barcode annotation
- ClinicalGroup: Clinical sample annotation, obtained from the gene expression barcode annotation
- Status: Normal (0) or Cancer (1) indicator

Author(s)

Hector Corrada Bravo

References


See Also

ExpressionSet for the class definition, frma for the preprocessing method used, barcode for the function to obtain the z-score definition.
apColonData

Examples

data(apColonData)
pData(apColonData)
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