Package `antiProfilesData`

March 23, 2017

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Version 1.10.0
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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.

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Description

apColonData

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)
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References

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

data(apColonData)
pData(apColonData)
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