Package ‘antiProfilesData’

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R topics documented:

antiProfilesData-package .......................................................... 2
apColonData ........................................................................... 2
Index .................................................................................. 4
apColonData

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

Description


Author(s)

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References


apColonData

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

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)
Index

* datasets
  apColonData, 2

antiProfilesData-package, 2
apColonData, 2

barcode, 3
ExpressionSet, 2, 3
frma, 3