Package ‘LungCancerACvsSCCGEO’

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Title A lung cancer dataset that can be used with maPredictDSC package for developing outcome prediction models from Affymetrix CEL files.
Author Adi Laurentiu Tarca <atarca@med.wayne.edu>
Depends R (>= 2.15.0)
Maintainer Adi Laurentiu Tarca <atarca@med.wayne.edu>
Description This package contains 30 Affymetrix CEL files for 7 Adenocarcinoma (AC) and 8 Squamous cell carcinoma (SCC) lung cancer samples taken at random from 3 GEO datasets (GSE10245, GSE18842 and GSE2109) and other 15 samples from a dataset produced by the organizers of the IMPROVER Diagnostic Signature Challenge available from GEO (GSE43580).
License GPL-2
URL http://bioinformaticsprb.med.wayne.edu/
bioCViews CancerData, LungCancerData, MicroarrayData, GEO
LazyLoad yes
NeedsCompilation no

R topics documented:

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LungCancerACvsSCCGEO  Annotation of a small set of training and test set samples (30 total) used by team 221 in the IMPROVER DSC for the lung cancer sub-challenge.

Description

The LungCancerACvsSCCGEO dataset consists: i) a data frame anoLC giving the file names of the affy cel files used in the training phase and their corresponding phenotype (AC or SCC) and ii) gsLC the gold standard, i.e. the class membership of each test sample appearing in anoLC.
Usage

data(LC)

Source

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