Package 'AffymetrixDataTestFiles'

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Version 0.50.0

Title Affymetrix Data Files (CEL, CDF, CHP, EXP, PGF, PSI) for Testing

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Description This package contains annotation data files and sample data files of Affymetrix file formats. The files originate from the Affymetrix' Fusion SDK distribution and other official sources.

Depends R (>= 2.5.0)

License LGPL-2.1

LazyLoad yes

biocViews ExperimentData, MicroarrayData

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Package AffymetrixDataTestFiles

Description

This package contains annotation data files and sample data files of Affymetrix file formats. The files originate from the Affymetrix' Fusion SDK distribution and other official sources. This package contains only data files.

Requirements

None.

Installation

To install this package, see http://www.bioconductor.org/.

Location of data files

Data files are located in two different directory tree depending if they are annotation data files or sample data files. The roots of these two directory structures are:

```
system.file("annotationData", package="AffymetrixDataTestFiles")
system.file("rawData", package="AffymetrixDataTestFiles")
```

Where applicable, ASCII, XDA, and Calvin files are separated in different subdirectories for easy access to either type.

Directory structure:

```
annotationData/
  chipTypes/
    HG-Focus/
      +-HG-Focus.PSI
      3.ASCII/
        +-HG-Focus.CDF
    HuGene-1_0-st-v1/
      +-HuGene-1_0-st-v1.r4,10_probesets.pgf
    Mapping10K_Xba131/
      1.XDA/
        +-Mapping10K_Xba131.CDF
      3.ASCII/
        +-Mapping10K_Xba131.CDF
    Test3/
      +-Test3.PSI
      1.XDA/
        +-Test3.CDF
      3.ASCII/
        +-Test3.CDF
rawData/
  FusionSDK_HG-Focus/
    HG-Focus/
      +-HG-Focus-1-121502.EXP
      +-HG-Focus-2-121502.EXP
      1.XDA/
        +-HG-Focus-1-121502.CHP
        +-HG-Focus-2-121502.CHP
      2.Calvin/
```

```
      +-HG-Focus-1-121502.CEL
      +-HG-Focus-1-121502.CHP
      +-HG-Focus-2-121502.CEL
      +-HG-Focus-2-121502.CHP
    3.ASCII/
      +-HG-Focus-1-121502.CEL
      +-HG-Focus-2-121502.CEL
FusionSDK_HG-U133A/
  HG-U133A/
    2.Calvin/
      +-ethan1-1.CEL
FusionSDK_Test3/
  Test3/
    +-Test3-1-121502.EXP
    +-Test3-2-121502.EXP
    1.XDA/
      +-Test3-1-121502.CHP
      +-Test3-2-121502.CHP
    2.Calvin/
      +-Test3-1-121502.CEL
      +-Test3-1-121502.CHP
      +-Test3-2-121502.CEL
      +-Test3-2-121502.CHP
    3.ASCII/
      +-Test3-1-121502.CEL
      +-Test3-2-121502.CEL
```

License

LGPL version 2.1 according to [1].

Author(s)

Adopted from [1] by the authors of this package.

References

[1] Affymetrix Inc, Fusion Software Developers Kit (SDK), 2007. http://www.affymetrix.com/support/developer/fusion/

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