

# Package ‘AffymetrixDataTestFiles’

December 19, 2024

**Version** 0.44.0

**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

**git\_url** <https://git.bioconductor.org/packages/AffymetrixDataTestFiles>

**git\_branch** RELEASE\_3\_20

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**Repository** Bioconductor 3.20

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*Package AffymetrixDataTestFiles*

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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. 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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