

# Package ‘AffymetrixDataTestFiles’

October 4, 2014

**Version** 0.2.0

**Date** 2008-04-08

**Title** Affymetrix data files (CEL, CDF, CHP, EXP, PSI) for testing

**Author** Henrik Bengtsson, James Bullard, Kasper Daniel Hansen

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

**Depends** R (>= 2.5.0)

**Maintainer** Henrik Bengtsson <hb@stat.berkeley.edu>

**License** LGPL-2.1

**LazyLoad** yes

**biocViews** Microarray, OneChannel, AnnotationData, ExperimentData

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AffymetrixDataTestFiles-package  
*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. 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
    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 Henrik Bengtsson, <hb@stat.berkeley.edu>, James Bullard, <bullard@stat.berkeley.edu> and Kasper Daniel Hansen, <khansen@stat.berkeley.edu>.

### References

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

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\*Topic **package**

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