

# Package ‘AffymetrixDataTestFiles’

July 10, 2025

**Version** 0.46.0

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

**Author** Henrik Bengtsson [aut, cre], James Bullard [aut], Kasper Daniel Hansen [aut]

**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\_21

**git\_last\_commit** dbafce5

**git\_last\_commit\_date** 2025-04-15

**Repository** Bioconductor 3.21

**Date/Publication** 2025-07-10

**Maintainer** Henrik Bengtsson <[henrikb@braju.com](mailto:henrikb@braju.com)>

## Contents

AffymetrixDataTestFiles-package	1
---------------------------------	---

<b>Index</b>	4
--------------	---

---

AffymetrixDataTestFiles-package	
<i>Package AffymetrixDataTestFiles</i>	

---

## 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/>

# Index

## \* package

AffymetrixDataTestFiles-package, [1](#)

AffymetrixDataTestFiles

(AffymetrixDataTestFiles-package),

[1](#)

AffymetrixDataTestFiles-package, [1](#)