Package 'MAQCsubsetAFX'

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Title MAQC data subset for the Affymetrix platform

Version 1.30.0

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Description MAQC data subset for the Affymetrix platform

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Depends R (>= 2.10), affy (>= 1.23.4), Biobase (>= 2.5.5)

License Artistic-2.0

biocViews ExperimentData, Genome, Homo_sapiens_Data, MicroarrayData

LazyLoad yes

PackageStatus Deprecated

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R topics documented:

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refA   *MAQC reference data*

Description

A subset of the MAQC's 'A' RNA reference dataset

Format

an object of type "AffyBatch"

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Details

The Microarray Quality Control Consortium (MAQC) has generated a reference dataset of Human Genome U133 Plus 2.0 GeneChips from 100% of Stratagene Universal Reference RNA. Five different test (_1_ to _6_) sites have processed this reference in 5 replicates (A1 to A5).

The refA dataset includes one randomly chosen array per test site against which the user's hgu133plus2.0 array will be compared. See the package vignette for more details.

See Also

refB, refC, refD

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refB   *MAQC reference data*

Description

A subset of the MAQC's 'B' RNA reference dataset

Format

an object of type `"AffyBatch"`

Details

The Microarray Quality Control Consortium (MAQC) has generated a reference dataset of Human Genome U133 Plus 2.0 GeneChips from 100% of Ambion Brain Reference RNA. Five different test (_1_ to _6_) sites have processed this reference in 5 replicates (B1 to B5).

The refB dataset includes one randomly chosen array per test site against which the user's hgu133plus2.0 array will be compared. See the package vignette for more details.

See Also

refA, refC, refD

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refC   *MAQC reference data*

Description

A subset of the MAQC's 'C' RNA reference dataset

Format

an object of type `"AffyBatch"`

Details

The Microarray Quality Control Consortium (MAQC) has generated a reference dataset of Human Genome U133 Plus 2.0 GeneChips from 75% of Stratagene Universal Reference RNA and 25% Ambion Brain reference RNA. Five different test (_1_ to _6_) sites have processed this reference in 5 replicates (C1 to C5).

The refC dataset includes one randomly chosen array per test site against which the user's hgu133plus2.0 array will be compared. See the package vignette for more details.

See Also

refA, refB, refD

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refD   *MAQC reference data*

Description

A subset of the MAQC's 'D' RNA reference dataset

Format

an object of type `"AffyBatch"`

Details

The Microarray Quality Control Consortium (MAQC) has generated a reference dataset of Human Genome U133 Plus 2.0 GeneChips from 25% of Stratagene Universal Reference RNA and 75% Ambion Brain reference RNA. Five different test (_1_ to _6_) sites have processed this reference in 5 replicates (D1 to D5).

The refD dataset includes one randomly chosen array per test site against which the user's hgu133plus2.0 array will be compared. See the package vignette for more details.

See Also

refA, refB, refC

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