Package 'ecoliLeucine'

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Title Experimental data with Affymetrix E. coli chips

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Depends R (>= 1.9.0), affy (>= 1.23.4), ecolicdf

Description Experimental data with Affymetrix E. coli chips, as reported in She-
pin Hung, Pierre Baldi, and G. Wesley Hatfield, J. Biol. Chem., Vol. 277, Issue 43, 40309-
40323, October 25, 2002

License GPL (>= 2)

biocViews ExperimentData, EColiData

R topics documented:

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ecoliLeucine   *AffyBatch instance ecoliLeucine*

Description

The *Leucine-responsive regulatory protein* (Lrp) is thought to regulate the expression of multiple
genes and operons in bacteria. Two strains *lrp+* and *lrp-* were studied to investigate which genes
are subject to changes in expression levels.

The raw data were taken from CyberT website. The data for 8 chips (4 *lrp+* and 4 *lrp-*).

Format

An `AffyBatch` of 8 samples.

1

References

She-pin Hung, Pierre Baldi, and G. Wesley Hatfield, *J. Biol. Chem.*, Vol. 277, Issue 43, 40309-40323, October 25, 2002

<http://visitor.ics.uci.edu/genex/cybert/tutorial/Affy%20Data/>

See Also

AffyBatch-class

Index