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

License GPL (>= 2)

biocViews ExperimentData, MicroarrayData

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Repository Bioconductor 3.21

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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.

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`

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