

Package ‘ecoliLeucine’

December 18, 2025

Version 1.51.0

Date 2007-07-22

Title Experimental data with Affymetrix E. coli chips

Author Laurent Gautier

Maintainer Laurent Gautier <lgautier@gmail.com>

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

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, MicroarrayData

git_url <https://git.bioconductor.org/packages/ecoliLeucine>

git_branch devel

git_last_commit 69fb3bc

git_last_commit_date 2025-10-29

Repository Bioconductor 3.23

Date/Publication 2025-12-18

Contents

ecoliLeucine	2
Index	3

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](#)

Index

* **data**

ecoliLeucine, [2](#)

AffyBatch, [2](#)

ecoliLeucine, [2](#)