

Package ‘bladderbatch’

October 4, 2014

Title Bladder gene expression data illustrating batch effects

Version 1.2.0

Author Jeffrey T. Leek <jleek@jhsp.h.edu>

Description This package contains microarray gene expression data on 57 bladder samples from 5 batches. The data are used as an illustrative example for the sva package.

Maintainer Jeffrey T. Leek <jleek@jhsp.h.edu>

Depends Biobase

License Artistic-2.0

biocViews ExperimentData,Cancer,RNAExpressionData

R topics documented:

bladderEset	1
Index	3

bladderEset	<i>Bladder Gene Expression Data Illustrating Batch Effects</i>
-------------	--

Description

This is an expression set consisting of 57 samples drawn from a study of bladder cancer. The samples were collected on different dates which have been used to define 5 batches. These data are used as an example in the sva package vignette.

Usage

bladderEset

References

Dyrskjot L., Kruhoffer, M. Thykjaer, T., Marcussen N., Jensen J.L., Moller, K., Orntoft, T.F. 2004 *Cancer Research* **64**, 4040–4048.

Leek, J.T., Scharpf, R.B., Corrada Bravo, H., Simcha, D., Langmead, B., Johnson, W.E., Geman, D., Baggerly, K., Irizarry, R.A. 2010 *Nature Reviews Genetics* **11** 733–739

Index

*Topic **data**

bladderEset, 1

bladderEset, 1