

# Package ‘bladderbatch’

January 23, 2025

**Title** Bladder gene expression data illustrating batch effects

**Version** 1.45.0

**Author** Jeffrey T. Leek <jleek@jhsph.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@jhsph.edu>

**Depends** Biobase

**License** Artistic-2.0

**biocViews** ExperimentData, CancerData, MicroarrayData

**git\_url** <https://git.bioconductor.org/packages/bladderbatch>

**git\_branch** devel

**git\_last\_commit** aefd61a

**git\_last\_commit\_date** 2024-10-29

**Repository** Bioconductor 3.21

**Date/Publication** 2025-01-23

## Contents

bladderEset . . . . .	1
<b>Index</b>	<b>3</b>

---

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

\* **data**

bladderEset, 1

bladderEset, 1