

# QUBIC Data Tutorial

Yu Zhang

Qin Ma

## Introduction

The package contain gene expression data matrix for experiments with E.coli from Many Microbe Microarrays Database (M3D)(Faith et al. 2008).

## Usage

```
library(QUBICdata)
data("ecoli")
data("ecoli.weight")
```

## References

Faith, Jeremiah J, Michael E Driscoll, Vincent A Fusaro, Elissa J Cosgrove, Boris Hayete, Frank S Juhn, Stephen J Schneider, and Timothy S Gardner. 2008. "Many Microbe Microarrays Database: Uniformly Normalized Affymetrix Compendia with Structured Experimental Metadata." *Nucleic Acids Research* 36 (suppl 1): D866–D870. <https://doi.org/10.1093/nar/gkm815>.