

Accepted Manuscript

Title: Correction of gene expression data:
performance-dependency on inter-replicate and
inter-treatment biases

Author: Behrooz Darbani C. Neal Stewart Jr. Shahin
Noeparvar Søren Borg



PII: S0168-1656(14)00817-7
DOI: <http://dx.doi.org/doi:10.1016/j.jbiotec.2014.08.012>
Reference: BIOTEC 6814

To appear in: *Journal of Biotechnology*

Received date: 15-6-2014
Revised date: 31-7-2014
Accepted date: 12-8-2014

Please cite this article as: Darbani, B., Stewart Jr., C.N., Noeparvar, S., Borg, S., Correction of gene expression data: performance-dependency on inter-replicate and inter-treatment biases, *Journal of Biotechnology* (2014), <http://dx.doi.org/10.1016/j.jbiotec.2014.08.012>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Correction of gene expression data: performance-dependency on inter-replicate and inter-treatment biases

Behrooz Darbani^{a,b,*}, C Neal Stewart Jr.^c, Shahin Noeparvar^a, Søren Borg^a

^a Department of Molecular Biology and Genetics, Research Centre Flakkebjerg, Aarhus University, Forsøgsvej 1, 4200 Slagelse, Denmark

^b Department of Plant and Environmental Sciences, University of Copenhagen, 1871 Frederiksberg, Denmark.

^c Department of Plant Sciences, University of Tennessee–Knoxville, Knoxville, Tennessee 37996-4561, USA

* Corresponding author. Tel.: +45 53578055; Fax: +45 35333300; Email: behroozdarbani@gmail.com, behdar@plen.ku.dk,

Highlights

- ❖ Cells are structural units of organisms.
- ❖ Total cellular RNA or protein is prone to vary among treatments.
- ❖ Gene expression quantities should be compared at the cellular level.

Download English Version:

<https://daneshyari.com/en/article/6491427>

Download Persian Version:

<https://daneshyari.com/article/6491427>

[Daneshyari.com](https://daneshyari.com)