Reviewer’s report

Title: Gene expression of sternohyoid and diaphragm muscles in type 2 diabetic rats

Version: 2 Date: 22 July 2013

Reviewer: Fabio Siviero

Reviewer’s report:

The paper access the expression variations in two different tissues in control and diabetic type 2 animals, using a well known approach.

Discretionary Revisions
The data present in the manuscript are valuable, but based on a single methodology, the data seems to be well analysed and reliable, but face to the new technologies in NGS these data could benefit from RNA-seq experiments. Since the paper discuss functional and metabolism aspects, the authors should have analysed some key protein levels.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I declare that I have no competing interests.