Reviewer's report
Title: Effect of hypothyroidism on the hypothalamic-pituitary-ovarian axis and reproductive function of pregnant rats

Version: 1 Date: 11 Dec 2017

Reviewer: Miguel Goncalves

Reviewer's report:
I think there are some confusions between tables and figures numbers. For example, Line 242-244 refers to the expression of the GnRHR in the pituitary between the four groups and it refers to figure 4 (there are no values in figure 4) and yet there is a P value of 0.037 (I can't find the background to this figure anywhere). I presume the means and standard errors for figure 4 are not shown, but used in the calculations. There should be some type of multiple comparisons correction as a multitude of t-tests (and association tests) are being carried out.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.
Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.
Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.
Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
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