Reviewer's report

Title: FOXA1 promotes tumor cell proliferation through AR involving the Notch pathway in endometrial cancer

Version: 1 Date: 1 January 2014

Reviewer: Diego Sisci

Reviewer's report:

In this manuscript, the authors demonstrate that FOXA1 (FA1) promotes cell proliferation of endometrial cancer by AR. The work is well done and the data are interesting. They demonstrated the effects elicited of FA1 by overexpressing or silencing either FA1 or AR. Interesting results are also presented in vivo (animals and IHC). The results are interesting and convincing.

Minor comments

Anyway I have few minor observations.
1. In Fig. 2B FA1 seems not silenced enough. It is more evident in WB.
2. To reinforce the functional difference of FA1 in relation to the expression of ER you can cite a recent paper published on cell cycle demonstrating the functional role of FoxO3a in ER positive and negative breast cancer cells.

Level of interest: An article of importance in its field

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