Reviewer's report

Title: Characterization of the rs2802292 SNP identifies FOXO3A as a modifier locus predicting cancer risk in patients with PJS and PHTS hamartomatous polyposis syndromes

Version: 4 Date: 29 June 2014

Reviewer: ZHINING FAN

Reviewer's report:

Major Revisions:
1. Is there only one functional locus in the FoxO3A? Why would you choose rs2802292?
2. I suggest that the authors should show us the concrete mechanism about how the rs2802292 affect the HPS.
3. The discussion part didn't explain the results well.

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published

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