Reviewer's report

Title: Comparative integratomics approach for cryptorchidism evidences joint genomic relations with muscle-contraction pathway and Noonan syndrome

Version: 2 Date: 18 March 2012

Reviewer: jun zhang

Reviewer's report:

Discretionary Revisions
The lines 9 and 10 on page 4 need rephrasing.

The manuscript did an integrated analysis for the CO related genomic datasets across different species and various literature. By applying some network and pathway based software, they got some refined candidate gene atlas. My feeling is that this is a good exploratory experiment, but there are many hidden confounding factors that may obscure the result. The result is only suggestive. More rigorous genome scale investigation with multiple type datasets are necessary to make any serious conclusion.

There is no serious statistics involved in the procedures.

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

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I have no competing interest concerning the manuscript.