Reviewer's report

Title: An observational study reveals that neonatal vitamin D is primarily determined by maternal contributions: Implications of a new assay on the roles of vitamin D forms

Version: 1 Date: 10 January 2013

Reviewer: Sanhong Yu

Reviewer's report:

Overall it is a well-written manuscript. The study in this manuscript measured eight forms of vitamin specifically and accurately. The data is clearly presented and interpretation is reasonable. The advantage and disadvantage of the study is well discussed.

Minor essential revisions:

1. It is not clear what the implication of findings in the study is and how the information can be applied. It would be great if the authors can expanded a little on the discussion.

2. It is not clear whether the subjects have liver disease since 25(OH) vitamin D3 is produced in liver.

3. The authors mentioned UVB measurements in the subjects and Methods part. However, it is not clear whether the time that each subject spends outside is taken into account. The time that each subject spends outside has a great impact on vitamin D3 levels in blood.

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests.