Reviewer's report

Title: Interaction between polymorphisms of the Human Leukocyte Antigen and HPV-16 Variants on the risk of invasive cervical cancer

Version: 1 Date: 30 April 2008

Reviewer: anlong xu

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I would encourage you to resubmit this paper after a complete check of suggestions and after confirming some of your analyses.

Specific comments
1. In the third paragraph of background, many previous studies about association between HLA class II and HPV associated diseases were not cited.
2. About results, please make the first session more clear.
3. For your results, please present your P value and note them properly.
4. In the Table 2, I am not sure whether all results have consistent trends of OR before and after being adjusted. But it is strange for data of DRB1-DQB1 haplotype 08041-0301 and HPV16 (1.39 and 0.88, respectively). Please give your explanation.
5. It is hard to read your tables, please redesign them.
6. In the Table 3 and Table 4, please present your reference group and information.
7. In the discussion, why did not you show the results about “a lower proportion of women carrying DR4 in 83L cases than in controls, and a similar trend was observed in the DRB1*04-DQB1*0302 haplotype comparison”?
8. Some abbreviations should not be used, e.g. CRPV.

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

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.