Reviewer’s report

Title: Polymorphisms in the Epidermal Growth Factor Receptor Gene and the Risk of Primary Lung Cancer: a case-control study

Version: 1  Date: 10 July 2007

Reviewer: Wei Zhou

Reviewer’s report:

General

This is a well designed case-control study on the association between the EGFR polymorphisms and the risk of lung cancer in a Korea population. This manuscript would be improved if the authors could perform stratified analysis by pack-years of smoking, and demonstrate the results of the global test of the haplotype analysis.

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

1. More detailed description on the case-control populations are needed, including participation rates, recruitment periods, and sites.

2. Why pack-years of smoking is treated as continuous variable in both main effect and gene-smoking interaction analysis? Have the authors perform stratified analysis among ever smokers?

3. Why age or gender is not adjusted in Table 1? Is there any "corrected" p value for results in Table 1?

4. Please present the result of the global test for the haplotype analysis.

What next?: Accept after minor essential revisions

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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

Declaration of competing interests:

I declare that I have no competing interests