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: 5 July 2007

Reviewer: Elias Zintzaras

Reviewer's report:

Provide genotype data by gender.

What was the cut-off in age for younger and older individuals?

The results by smoking status and histologic type are data driven since the case-control study was not designed to investigate these effects a priori. This issue has to be addressed.

The p-values for testing LD for pairs of SNPs should be provided.

In haplotype analysis, the authors should estimate for each haplotype the frequencies (with the standard errors) in cases and controls, and then to find the P-value for the difference between estimated haplotypes in cases and controls.

ORs can be calculated for combined genotypes.

What next?: Accept after minor essential revisions

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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