Reviewer's report

Title: MDR1 polymorphisms are associated with inflammatory bowel disease in a cohort of Croatian IBD patients

Version: 2 Date: 17 January 2013

Reviewer: Alfreda Krupoves

Reviewer's report:

The authors carried out a case-control genetic association study in adult IBD patient’s population. This paper is an interesting addition to the body of research on this topic.

Please find below some additional comments.

Although the type of controls is indicated now, it still not clear how they were approached. It should be clarified whether they were selected from hospital lists or from general population.

Please ensure that tables are cited correspondingly to their content systematically. For instance, in results section when alleles’ frequencies are reported, it appears that reference should be made to table 4, instead of table 3, which is currently used.

All tables in the manuscript should be cited in the text, currently table 5 does not appear to be mentioned in results section.

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

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.