Reviewer's report

Title: Excess of transmission of the G allele of the -1438A/G polymorphism of the 5-HT2A receptor gene in patients with schizophrenia responsive to antipsychotics.

Version: 2 Date: 10 March 2008

Reviewer: Daniel J. Müller

Reviewer's report:

The authors have revised the manuscript appropriately. However, the manuscript would still benefit on some comments, as to why the 5-HT2A gene is a good candidate for response with first generation antipsychotics (FGA). It could be commented, that some FGA may also exert some antagonism at this receptor. It could also be discussed that the effects of antipsychotics may not depend on receptor antagonism but on intracellular mechanisms. Finally, the authors could comment if they believe the DRD2 gene to be a good candidate to study in further studies.

Beside this issue, I would recommend this manuscript for publication.

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.