Reviewer’s report

Title: Is Ankyrin a specific genetic risk factor for psychiatric phenotypes?

Version: 1 Date: 14 February 2011

Reviewer: Rajiv Sharma

Reviewer’s report:

Compulsory revisions.
1. The authors should mention how many times this DNA collection has been published to provide an estimate of multiple testing.
2. Power estimates are low to detect difference at the p<0.05 level. This needs to be addressed given the lack of replication in this field.
3. How much variance is explained by the significant SNP at p<0.015 in this sample of 920 subjects.
4. Authors should discuss findings in light of table 1 LD results.
5. The paper can be presented as a short communication or letter.

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published

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

Declaration of competing interests:

I have no competing interests.