Reviewer’s report

Title: Association Analysis of Chromosome 1 Migraine Candidate Genes

Version: 2 Date: 19 February 2007

Reviewer: Michael Bjørn Russell

Reviewer’s report:

General
The original International Classification of Headache Disorders should be on the reference list rather than a commented version.

Migraine without aura and migraine with aura should be analyzed separately. Results related to combined data should be less emphasized.

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

Material and methods should be described in a separate section

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

Suggest that the discussion is also related to the FHM-2 mutation on chromosome 1, which was originally reported to be 1q31 (miscalculation), but actually is located to 1q23. Only about 10% of those with FHM have mutation in the ATP1A2 gene. Relate the results of the association.

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Discretionary Revisions (which the author can choose to ignore)

What next?: Unable to decide on acceptance or rejection until the authors have responded to the major compulsory revisions

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.

Declaration of competing interests:
I declare that I have no competing interests