Reviewer's report

**Title:** Effects of MTHFR gene polymorphism on the clinical and electrophysiological characteristics of migraine

**Version:** 2  **Date:** 17 May 2013

**Reviewer:** Gretchen E Tietjen

**Reviewer's report:**

Compulsory revisions
This revision is much improved. There is, however, still no clear description of the population enrolled in this study. What are the criteria for patient selection (inclusion/exclusion) and were consecutive clinic patients screened for enrollment or was this a convenience sample. It is still not clear how the control population was identified for enrollment (via advertisement, for example). This is essential.

There remain a number of grammatical and typographical errors. The term resistant has not been replaced by refractory in all cases.

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

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

**Statistical review:** Yes, but I do not feel adequately qualified to assess the statistics.

**Declaration of competing interests:**

'I declare that I have no competing interests'