Reviewer's report

Title: Central/East African Genotype of Chikungunya Virus Infections in the State of Kelantan: A Case Control Study in Malaysia

Version: 1 Date: 4 January 2013

Reviewer: Jeffery Cutter

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MAJOR COMPULSORY REVISIONS

1. The aim of the study should be stated at the beginning before going into the background of the disease.

2. How the controls were selected should be more clearly described in the Methods section.

3. In the Results section, the descriptive analysis of the characteristics of cases should be done for the confirmed cases instead of suspect cases. The characteristics of the controls should also be described. The results showing the characteristics of the confirmed cases and controls should be tabulated.

4. In the Discussion section, the authors should not assume that the controls with positive serology were asymptomatic cases. They may not have had any chikungunya infection due to cross-reaction with dengue antibodies.

6. Table 2 should contain all risk factors studied and not just the statistically significant results.

MINOR ESSENTIAL REVISIONS

1. The title should be changed to more accurately reflect the aim of the study.

2. The reference for the serological assays used should be stated.

3. The number of cases should be stated in Figure 2.

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

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