Reviewer's report

Title: Molecular Epidemiology of Drug-Resistant Malaria in Western Kenya Highlands

Version: 1 Date: 6 May 2008

Reviewer: David Warhurst

Reviewer's report:

This is a useful paper which enlarges our knowledge of drug resistance-related mutations in Kenya. I can only suggest are only a few minor improvements:

Spelling of sulphadoxine should be sulfadoxine and it need not be capitalized.

Make it clear in the text that both refs 39 and 40 refer to Malawi (pp.9 and 10).

(It may be of interest that Omar et al reported from a similar highland area in the Mt. Kenya area (Chogoria) high prevalences of resistance-related mutants in hospitalized patients in epidemic malaria, but did not include PfCRT.)

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.

Declaration of competing interests:

I declare that I have no competing interests