Reviewer's report

Title: Tracing the origins and signatures of selection of antifolate resistance in island populations of Plasmodium falciparum

Version: 1 Date: 17 February 2010

Reviewer: David Warhurst

Reviewer's report:

This report on probable origins of SP resistance determinants in falciparum malaria in Sao Tome and Principe has a clearly defined purpose, describes the findings clearly and succinctly and gives an excellent account of the techniques of analysis used and of related findings in the literature.

There are a few minor essential revisions which would improve the work.

Last para page 13: "...As suggested by McCollum ....considered a dhfr or dhps allele sensitive if..." would be a better way of phrasing the thought.


Table 6 "loci pairs flanking the same gene"

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