Reviewer's report

Title: Full-length analysis of single-nucleotide polymorphisms (SNPs) in human CYP3A4 and CYP3A5 genes: potential implications for the metabolism of HIV drugs

Version: 1 Date: 10 May 2014

Reviewer: Amegnona Agbonon

Reviewer's report:

CYP3A4 and CYP3A5 are involved in the metabolism of many drugs and studies related to their activities and polymorphisms are important. Question posed by the authors well defined and objectives are clearly indicated. The methods used are new but appropriate and reproducible; and data are sound well. The manuscript adhere to the relevant standards, and the discussion and conclusions well balanced and adequately supported by data. Based on references cited by authors, I conclude that authors know works upon which they are building their paper. After reading the manuscript, I conclusion that the title and abstract accurately convey what has been found. Based on above comment I recommend to accept the present paper for publication after minor revisions:

1- In the conclusion of the Abstract: authors must change «sequencingi» by «sequencing»

2- Authors should harmonize LPV/r monotherapy in all the text, because in the discussion at page 8 line 10 it is written LPV/RTV monotherapy.

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.