Reviewer's report

Title: APOA5 Q97X mutation identified through homozygosity mapping causes severe hypertriglyceridemia in a consanguineous family.

Version: 2 Date: 14 August 2012

Reviewer: sybil charriere

Reviewer's report:

Dussaillant et al. have made a complete and detailed point by point response to reviewer's comment and modified some part of their article, mainly discussion.

Only remain Minor Essential Revisions:
- the answer about the strategy of using linkage study instead of direct sequencing of genes classically involved in severe HTg is interesting but there is no answer about the cost of this strategy compared to sequencing.
- in figure 1, subject 8 Q97X appears to carry S19W polymorphism as subject 9. But it is not indicated in results and discussion where only subject 9 is described.
- in discussion page 12, LPL activity are mentioned but not available in supplemental table S4).

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'