Reviewer's report

**Title:** Use of a Targeted, Combinatorial Next-Generation Sequencing Approach for the Study of Bicuspid Aortic Valve

**Version:** 4  **Date:** 5 August 2014

**Reviewer:** Gordon Huggins

**Reviewer's report:**

The revised manuscript is improved in response to reviewer comments. My only recommendation is to state more clearly for the benefit of the reader that de novo mutation indicates a mutation found in the proband but not in the parents.

**Level of interest:** An article of outstanding merit and interest 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 have no competing interests.