Reviewer’s report

**Title:** HIGH RESOLUTION MELTING: improvements in the genetic diagnosis of Hypertrophic Cardiomyopathy in a Portuguese cohort

**Version:** 1  **Date:** 17 November 2011

**Reviewer:** Qamar Javed

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The following points should be addressed in revision:

1. Overall there should be a focused scientific approach in writing. The expression needs improvement.
2. Introduction is long. It appears that it is a sort of mini review, which includes tables.
3. In the methods section patients with HCM appear to include familial as well as sporadic cases. It is probable that familial cases may reveal high frequency of mutated alleles. Clarification is required regarding the mutated alleles’ frequency from sporadic cases and first degree relatives of family history patients.
4. Last paragraph of the methods section needs rephrasing.
5. Results and discussion section is combined which contains little discussion regarding the gene polymorphisms from other populations.
6. Conclusions section is too long. There are repetitions in the paper. Generally, important findings of the study are summarized in a short conclusion.
7. Manuscript shows a lack of comparison in SNPs reported from other populations e.g. TNNT2 polymorphism in the Indian population.