Reviewer's report

Title: Identification of a novel homozygous nonsense mutation in EYS in a Chinese family with autosomal recessive retinitis pigmentosa

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Reviewer: Muhammad Ansar

Reviewer's report:

1. In abstract, conclusion section, line five authors should replace studies with “study”.
2. Background section, second paragraph, end of line four authors should replace causes with “cause”.
3. Background section, third paragraph, end of line 4. Authors should delete the entire sentence starting from “Though forty three candidate genes---- arRP (11). As it is not important to mention this once gene is identified.
4. Background section, fourth paragraph, third line one should be replaced with “a” and authors should delete text “in the newly identified RP25 disease causing” in the fifth line. These words are repeated many times in the entire manuscript.
5. Method section, first paragraph, authors should mention manufacturer details of DNA isolation kit.
6. Result section, last paragraph, fourth line it should be “glutamic” instead of glycine.
7. In figure legends, figure 1, authors mentioned rs4710292 and rs4710434, which were not mentioned in the entire manuscript. Even these SNPs are not shown in figure 1.
8. Additionally in haplotype authors have depicted markers which are quite apart from each other. Like marker D6S1610, which is homozygous in three affected individuals is 27 cM away from EYS gene. This point requires clarification as these affected individuals are heterozygous at marker D6S257, which is close to EYS as compared to earlier mentioned marker. The data presented in the haplotype by the authors does not support linkage to EYS gene. Authors should remove haplotype or genotype more markers to get clear linked haplotype.
9. Finally authors should discuss relationship (if any) between the site of EYS truncation and severity of the phenotype, to enable phenotypic comparison with current study.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published
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