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MTHFR C677T Polymorphism Is Associated with the Risk of Breast Cancer Among Kurdish Population from Western Iran

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- The Editor of International Journal of Cancer Management

Many thanks for constructing comments of the associate editor of the Journal on our submitted manuscript entitled MTHFR C677T polymorphism is associated with the risk of breast cancer among Kurdish population from Western Iran. Please find the revised manuscript in green font according to the suggested comments.

- **Associate Editor's Comments:**
- Associate Editor 1:

1. Is there any marker for ethnicity? How did the authors know that a person is Kurd? Is it enough to consider living in a specific area as an ethnic marker?

- Many thanks for your suggestion. It was mentioned in the methods.

2. There are lots of functional and missenses polymorphisms in the MTHFR gene. Why did the authors genotype only this SNP? In my opinion, it would be better to genotype at least two SNPs in this situation; then the authors could analyze the Haplotypes as well.

- Many thanks for your suggestion. It was explained at the end of Introduction before the aims of the study.

3. In this kind of genotyping at least 10% of samples should be sequenced to confirm the results.

- Many thanks for your suggestion. Genotyping of 10 percent of samples were randomly repeated to confirm the accuracy of the results.

- What is the meaning of fold change? In this kind of study, we use susceptibility or protective alleles.

- Many thanks for your suggestion. It was revised in the manuscript.

5. The authors should measure the power of the study.

- Many thanks for your suggestion. It was mentioned in the methods.

6. Hardy-Weinberg equilibrium parameters should be calculated.

- Many thanks for your suggestion. It was calculated.

7. It is better to analyze the data according to the SNAP STAT format.

- Many thanks for your suggestion. It was analyzed according to SNAP STAT and the results were mentioned in Table 3.

8. The references should be updated. There are too many irrelevant and self-citations.

- Many thanks for your suggestion. Two self-citations were removed and 3 new references were added.

9. The language of the manuscript should be edited.

- Many thanks for your suggestion. The manuscript was revised.
- We also, added a figure of protein-protein interactions indicates interaction of MTHFR with some proteins.