Comments to the Authors,

Dr. Wang conducted a genetic case-control association study between epigenetic modeling gene MMP2 rs243865, MMP3 rs3025058 and renal cell carcinoma (RCC) in a large Chinese population.

**Major Compulsory Revisions**

1, The authors didn’t mention any result from GWAS result in the background? Is there any signal in the previous GWAS study for these genes?

2, The authors didn’t provide power analysis whether the current sample size is power enough to support the conclusions in the manuscript? Actually, all the P-value in Table 3 are weak significant and might be caused by random sampling or stochastic processing. Another independent validation should be conducted to make the conclusion solid. In addition, the confounder adjusted by the model should be provided explicitly as the footnotes.

3, Why only MMP2 and MMP3 was considered in the current study? Actually, MMP gene family should be studied together, right?

4， the inclusion criteria and exclusion criteria were not stated. The diagnosis critieria of RCC were not mentioned

5， No disease controls were provided. RCC is the sever status of the disease, the association study should be provided some Intermediate phenotype samples.