Author's response to reviews

Title: CA1 Contributes to Microcalcification and Tumourigenesis in Breast Cancer

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Dear reviewers and editors:

Based on the requirement of one of reviewers, we performed a new experiment in which 4T1 cells originating from mouse breast cancer were treated with acetazolamide, a chemical inhibitor of CA1. As anticipated, the CA1 expression in the cells was suppressed and the calcification was significantly decreased at the same time, which is corresponding to the result with MCF-7 cells originating from human breast cancer. This experiment was repeated for 3 times. We added this result in the revised manuscript to respond the concern of this reviewer (Figure 8). The revised part was highlighted with blue.

We really appreciate comments and suggestion of reviewers and editors.

Thank you very much!

Sincerely yours,

Xiaotian Chang