Author’s response to reviews

Title: Inhibitory short peptides targeting EPS8/ABI1/SOS1 tri-complex suppress invasion and metastasis of ovarian cancer cells

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Author’s response to reviews:

Dear Editor and Editorial Office:

We sincerely appreciate the comments raised by the editor. We have revised our manuscript entitled “Inhibitory short peptides targeting EPS8/ABI1/SOS1 tri-complex suppress invasion and metastasis of ovarian cancer cells (BCAN-D-19-00112R1)” according to editor’s comments. The questions that concerned by editor have been carefully answered and revised in the manuscript. We have also improved the quality of the Figs. Our detailed responses are as follows. Thanks a lot for further review.

Editor Comments:

Please better describe how you carried out the densitometry measurements that you added in your last revision. This should include the software used, information about quality control, and what protein(s) you specifically used as your control. Please also state how many replicates the data derive from. In addition, the quality of your figures (particularly the text labels) appears to be be poor, please improve the resolution in this revision.

Thanks for the comments raised by the editor. We have revised the description about densitometry measurements according to the editor’s suggestion. ImageJ 1.41 software (National Institute of Health, Bethesda, MD, USA) was used to quantified the intensity of the western blotting bands. The expression of same protein in the cell lysis was used as an internal control. The band intensity of each sample were normalized by the cell lysis that detected the same
protein, and then compared with control. Three repeats were set up for each experiment (Methods section, line 9-14, line 23-24, page 6; Fig legends, line 22-23, page 24). The resolution of the Figs have been improved according to the editor’s suggestion.