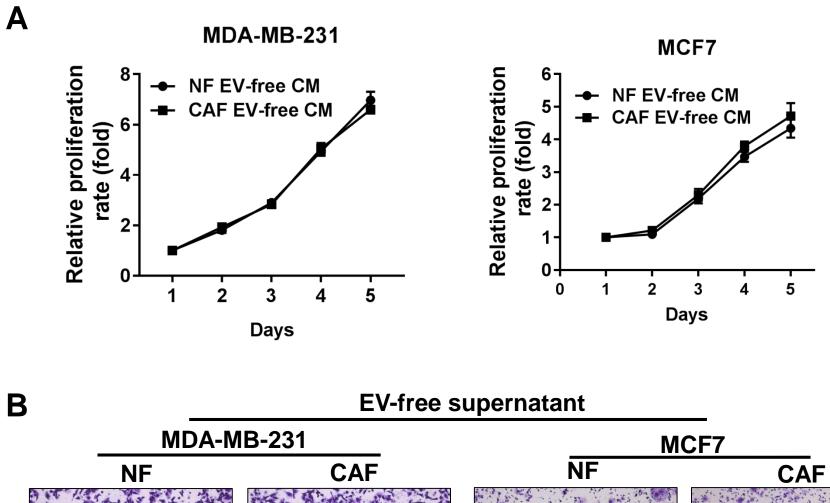
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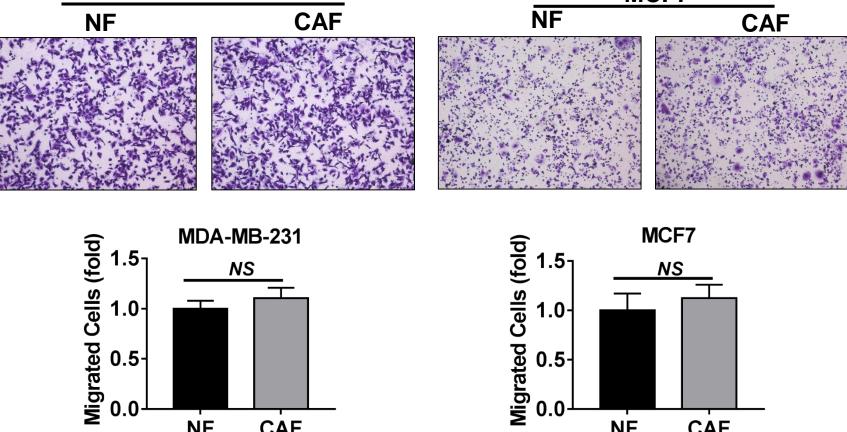
Supplementary Figure 1. CAF-mediated promotion of breast cancer cell proliferation and migration is in an exosome-dependent manner. After the breast cancer cells was treated with the EV-free conditioned medium of NFs or CAFs after ultracentrifugation, MTT **(A)** and transwell **(B)** assay were performed. Data are presented as means ± SEM (Student's t-test).

Supplementary Figure 2. Scratch wound healing assays. The assays were performed in MDA-MB-231 cells (A) and MCF7 cells (B). (C) Quantification of the wound area in (A) and (B). Data are presented as means \pm SEM (##P < 0.01; ***P < 0.001; Student's t-test).

Supplementary Figure 3. USP28 inhibition increases breast cancer cell proliferation and metastasis. (A) The interference efficiency of USP28 siRNAs was detected by Western blot assay. MTT (B) and transwell (C) assays were performed in MDA-MB-231 and MCF7 cells in which USP28 was inhibited. Data are presented as means \pm SEM (*P < 0.05; **P < 0.01; ***P < 0.001; Student's t-test).

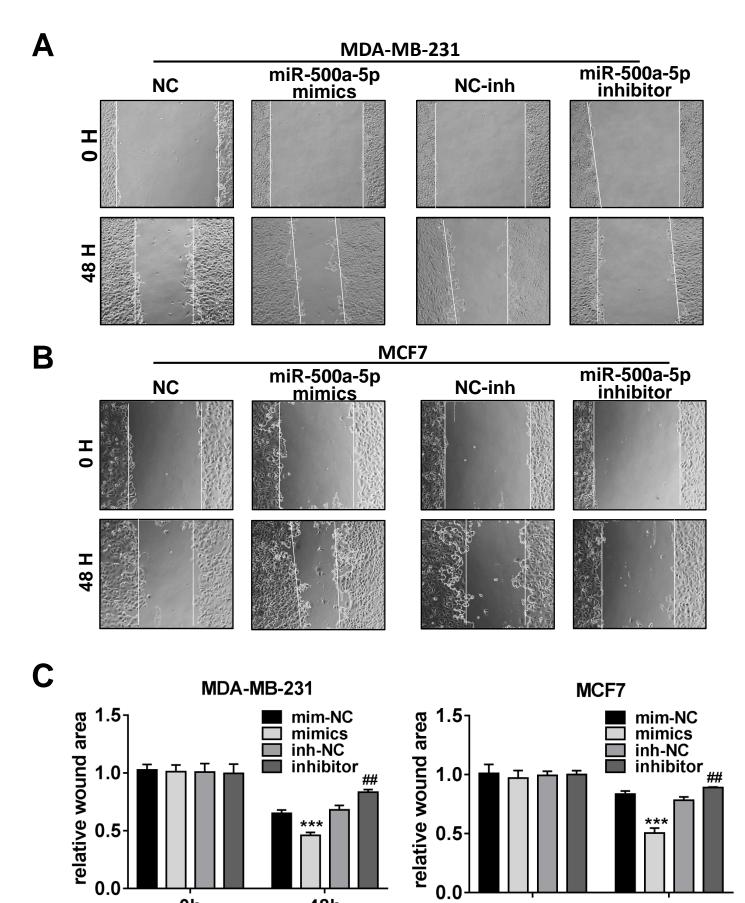
Supplementary Figure 4. Quantification of western blotting in Figure 5 (E) and Figure 6 (L). **(A)** Quantification of western blotting in Figure 5 (E). **(B)** Quantification of western blotting in Figure 6 (L). Data are presented as means \pm SEM (#, *P < 0.05; ##, **P < 0.01; ***P < 0.001; Student's t-test).

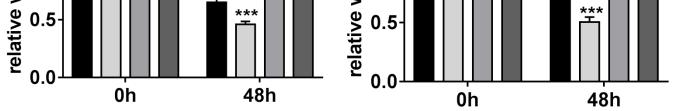




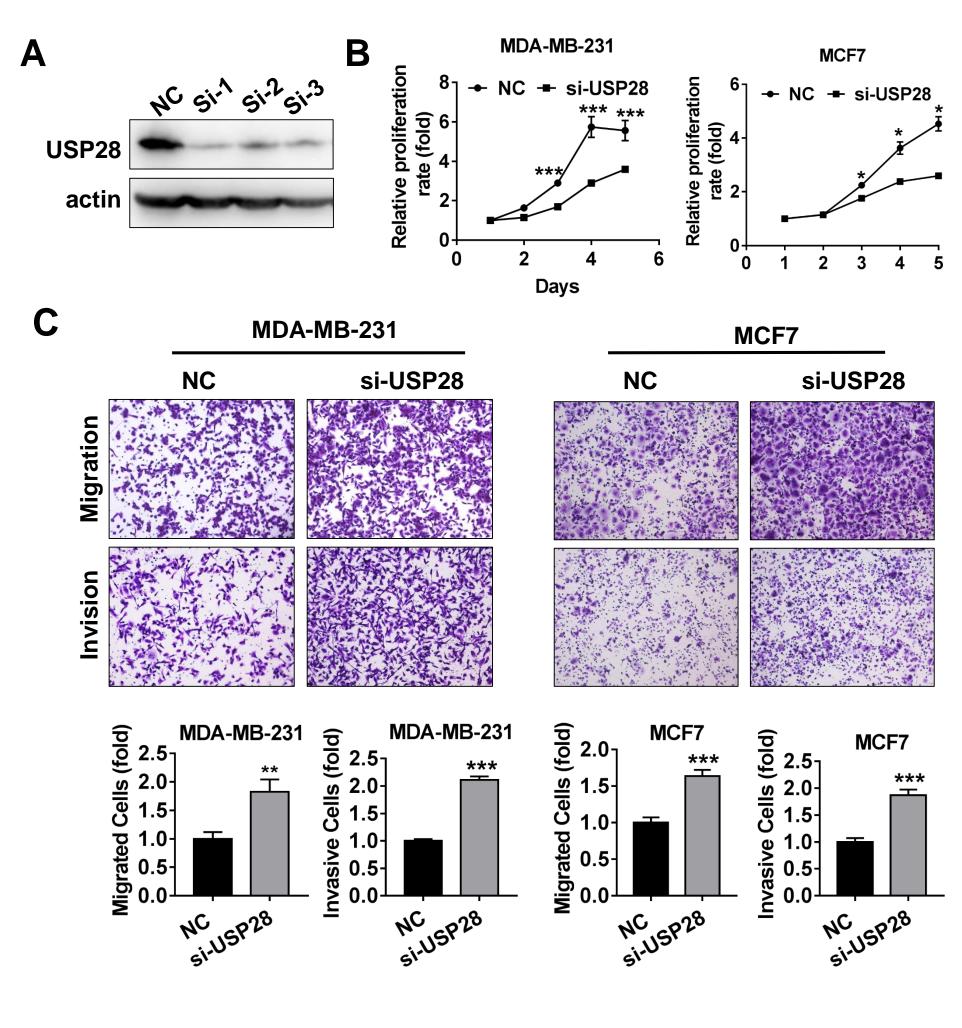


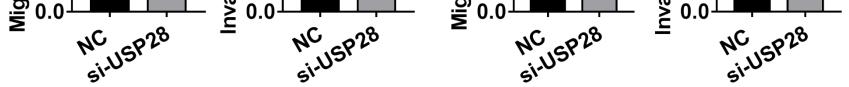
Supplementary Figure 1



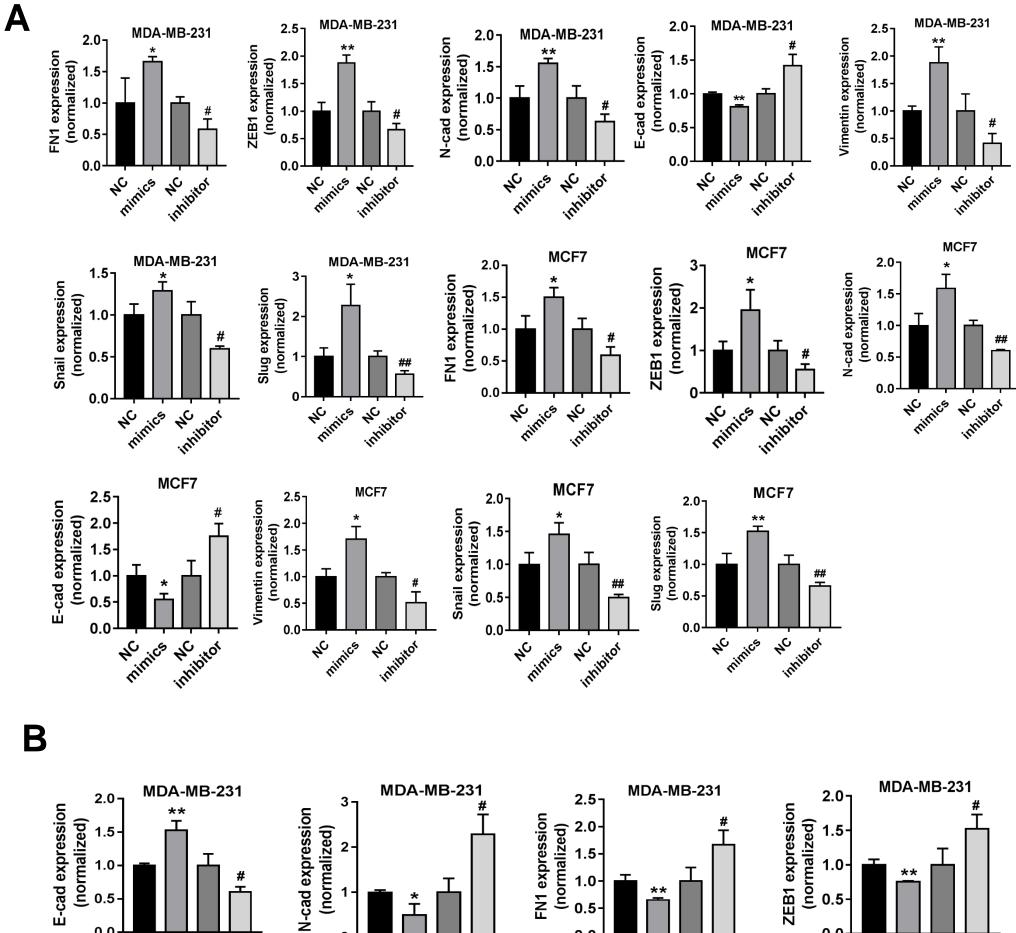


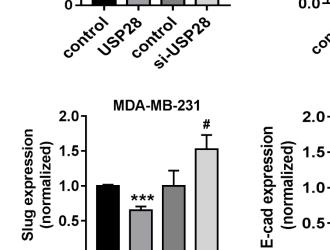
Supplementary Figure 2





Supplementary Figure 3





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Snail expression (normalized) -2.0

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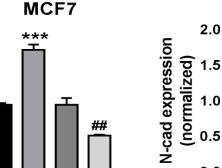
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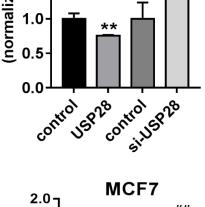
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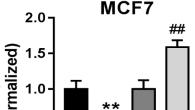
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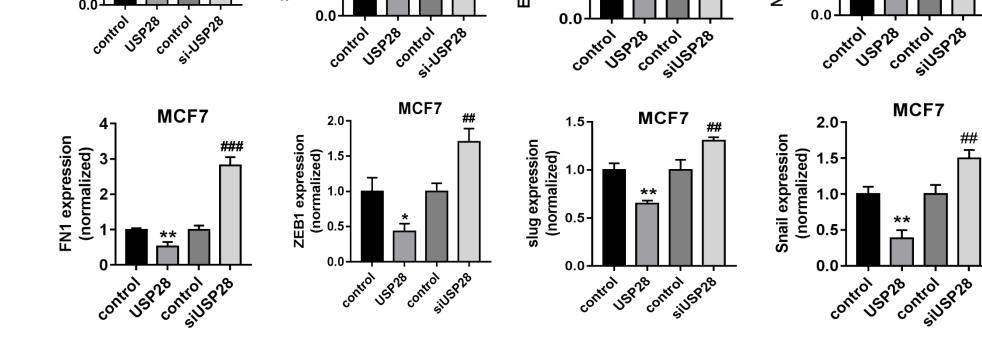
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Supplementary Figure 4

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