

Matrix Metalloproteinase Expressions Play Important role in Prediction of Ovarian Cancer Outcome

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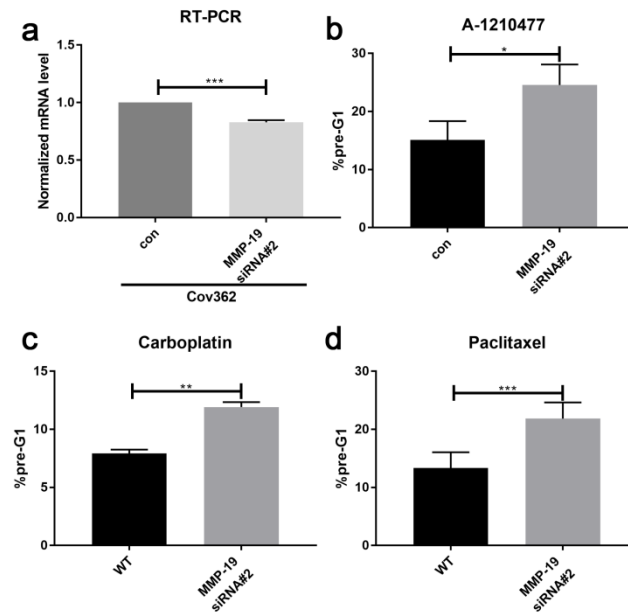
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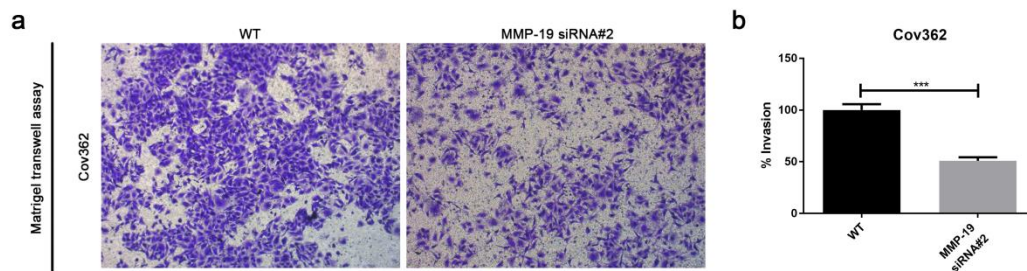
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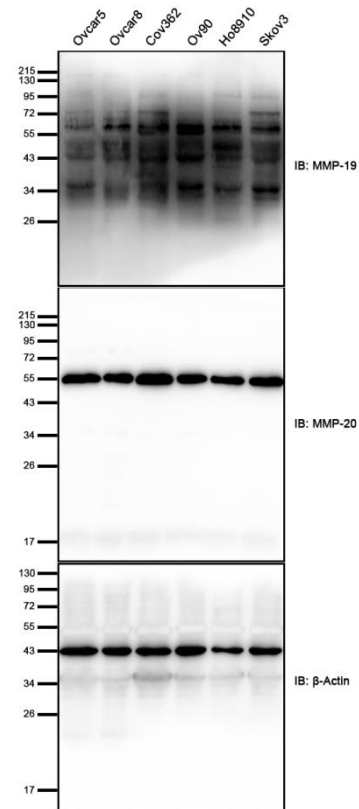
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Supplemental Figure 1. Another MMP-19 siRNA#2 knockdown increased anti-cancer drugs sensitivities. a, After Cov362 cells were transfected with MMP-19 siRNA#2 or control, the cells were harvested and the mRNA levels of MMP-19 were measured using quantitative PCR. (b-d) After Cov362 cells were transfected with MMP-19 siRNA#2 or control followed by the treatment of A-1210477 (8 μ M, b), Carboplatin (20 nM, c) or paclitaxel (40 nM, d), the percentage of pre-G1 cells were measured. *, $p < 0.05$; **, $p < 0.01$; ***, $p < 0.001$.



Supplemental Figure 2. Another MMP-19 siRNA#2 knockdown decreased the invasion abilities of ovarian cancer cells. A representative cell invasion assay (a) and the normalized percentages of invaded Cov362 (b) after transfected with MMP-19 siRNA or control were indicated as detected by Boyden Chamber Transwell method. Error bars, mean $\pm$ S.D. of three independent experiments. ***, $p < 0.001$.



Supplemental Figure 3. Original figures of western blots in Figure 3(a).