

Supplemental Data

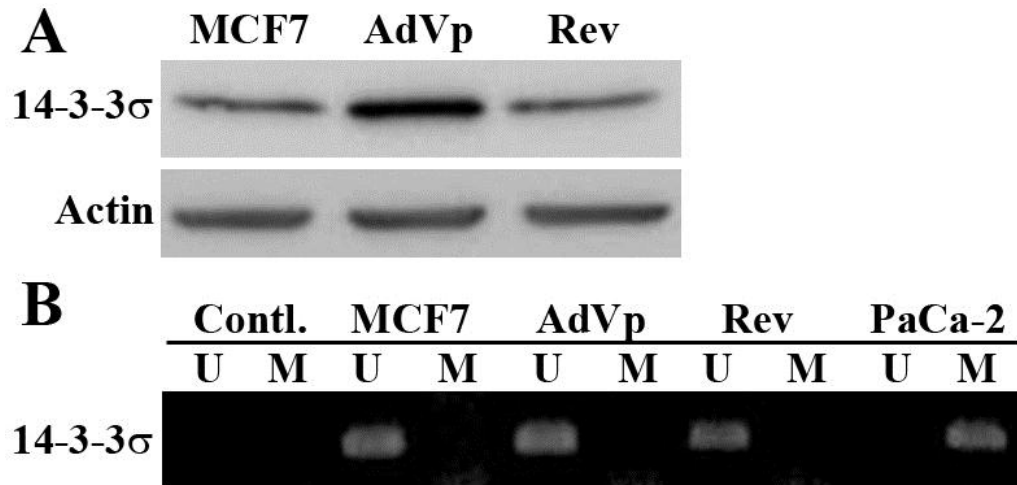
Molecular Pharmacology

MOL Manuscript 92544

**Reversible epigenetic regulation of 14-3-3 σ expression in acquired gemcitabine resistance
by Uhrf1 and DNMT1**

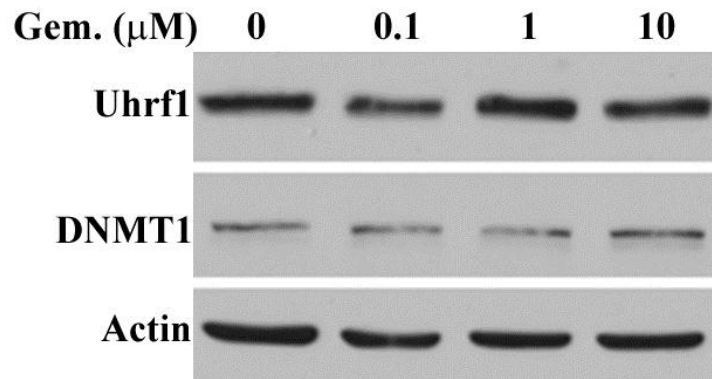
Li Qin, Zizheng Dong, and Jian-Ting Zhang

Supplemental Figure S1



Supplemental Figure S1. 14-3-3 σ up-regulation in Adriamycin-selected MCF7/AdVp3000 cells is not due to gene demethylation. (A). Western blot analysis of 14-3-3 σ expression in MCF7, MCF7/Advp3000 (AdVp), and MCF7/AdVp/Rev (Rev) cells. Actin was used as a loading control. (B). MSP analysis of 14-3-3 σ gene in MCF7, MCF7/Advp3000 (AdVp), and MCF7/AdVp/Rev (Rev) cells with MiaPaC-2 cells as a control. U, primers for unmethylated; M, primers for methylated. Contl., control MSP without genomic DNA input.

Supplemental Figure S2



Supplemental Figure S2. Effect of gemcitabine treatment on Uhrf1 and DNMT1 expression. MiaPaCa-2 cells were treated with increasing concentrations of gemcitabine followed by Western blot analysis of Uhrf1, DNMT1, and actin loading control.