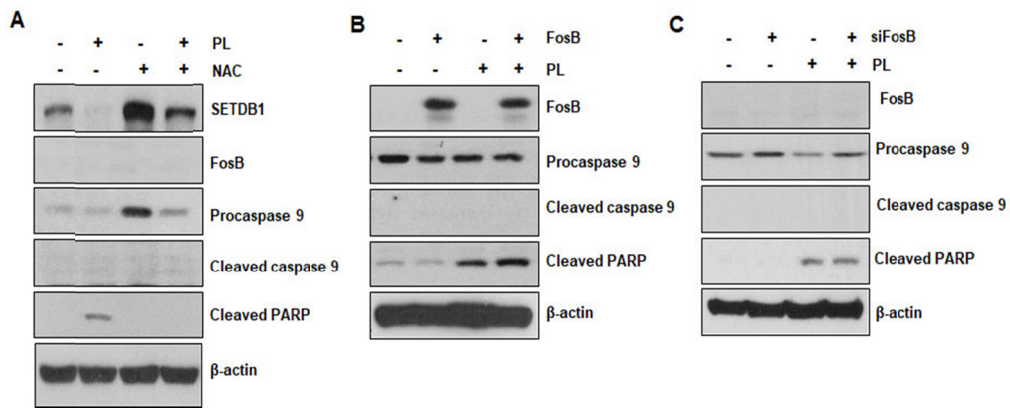


Supplementary Fig. S1. Active caspase 9 is increased during PL treatment in MCF7 cells. (A) Left: MCF7 cells were treated with PL at indicated concentration for 24 h after FosB overexpression. Protein level of caspase 9 was evaluated by western blot. Right: MCF7 cells were immuno-stained with specific antibodies to caspase 9 (green). DAPI was used as a counter staining for nucleus. (B) MCF7 cells were transiently transfected with siFosB for 16 h followed by treatment with 10 μ M PL for 24 h. Immunostaining and western blot were performed to examine caspase 9. Scale bars = 50 μ m.



Supplementary Fig. S2. FosB may not be involved in cell death of PL treated A549 human lung cancer cells. (A) A549 cells were treated with 10 mM NAC for 1 h followed by treatment with 10 μ M of PL for 6 h. Western blot analyses were performed with various antibodies. PL treatment decreased SETDB1 expression, but not FosB expression. (B) A549 cells were transfected with FosB followed by PL treatment. PARP cleavage was analyzed by Western blot. (C) A549 cells were transfected with siFosB followed by PL treatment. PARP cleavage was analyzed by Western blot.