Supporting information for

Antioxidant 1,2,3,4,6-Penta-*O*-Galloyl-β-D-Glucose Alleviating Apoptosis and Promoting Bone Formation Is Associated with Estrogen Receptors

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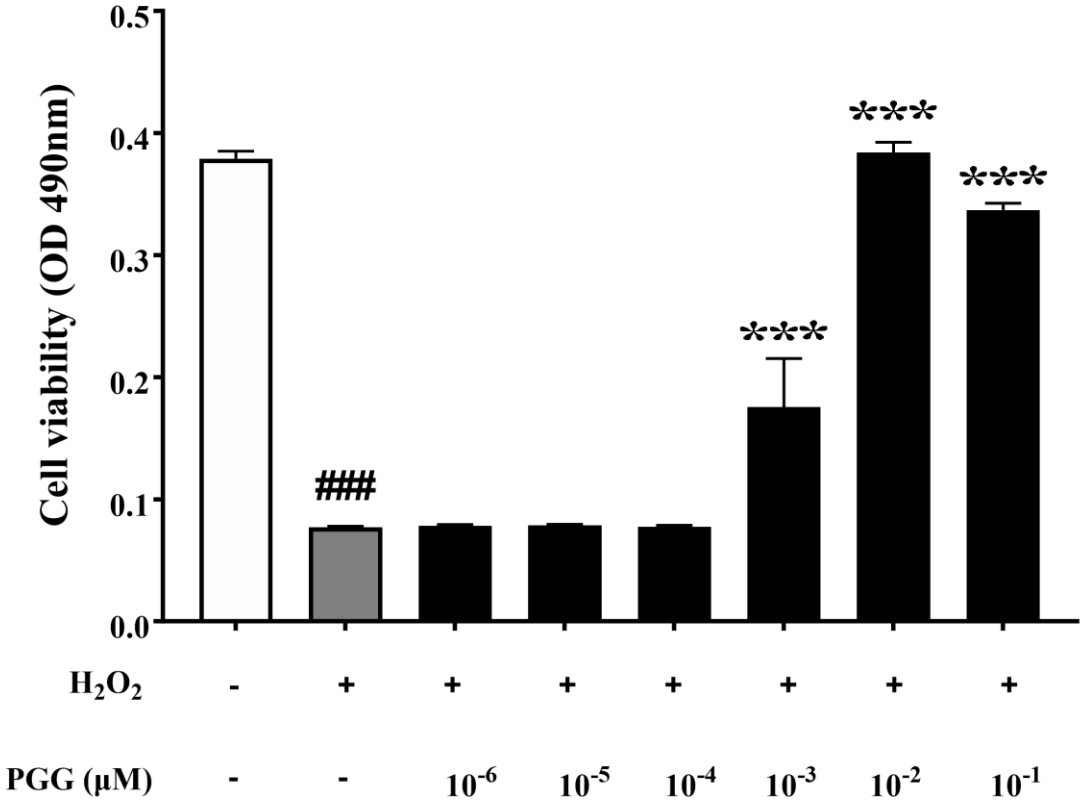

Figure S1. The cells were pretreated with or without H_2O_2 (400 μM) for 4 h and then incubated with or without PGG for 24 h. Cell viability was determined via MTT assay (n = 6 per group; ### $P < 0.001$ vs. the control group; *** $P < 0.001$ vs. the H_2O_2

group).

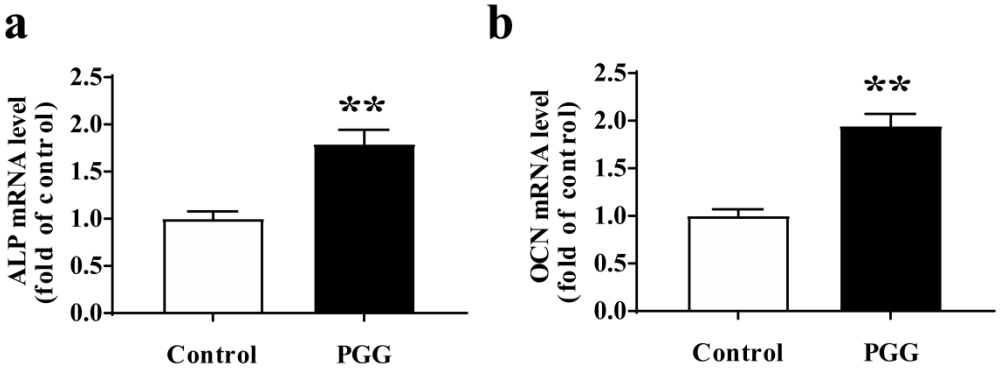

Figure S2. MC3T3-E1 cells were cultured in osteogenic medium supplemented with 10^{-3} μM PGG for 3 days, after which mRNA levels of ALP and OCN were determined. PGG significantly increased the mRNA expression levels of ALP and OCN. (n = 3 per group; ** $P < 0.01$ vs. the control group).