



**Supplementary Figure 1:** Treatment of kaempferol did not affect the cell viability of cultured osteoblasts. Cultured osteoblasts were challenged with 17β-estradiol (10 nM), or different doses of kaempferol for 2 days, and the cell viability was determined by MTT assay. Values are expressed as the % of the control reading (control culture treated with 0.02% DMSO), and are in mean  $\pm$  SD, where  $n=4$ , each with triplicate samples.