



Supplementary Figure S3. The effect of E2 treatment on matrix mineralization of MC3T3-E1 in standard FBS culture.

Matrix mineralization assay. MC3T3-E1 were cultured in the media including standard FBS with AA/ β GP and stimulated with or without E2 (10 nM) at Day 0. The cells were fixed with 10% formaldehyde and stained with Alizarin Red S at Day 12. Data presented as mean \pm SD (n=3) are representative of at least three independent experiments. ns: not significant.