



Supplemental Figure 6 Osteoblastogenesis of wild type (WT), IP3R2KO(2KO), and IP3R2/CotKO (2/CotKO) mice (A) ALP activity (left panel) and ALP staining (middle panel) at 7 days of culture, in WT (gray square), 2KO (white square), and 2/CotKO (black square) cells. Mineralized extracellular matrix was observed with Alizarin Red S staining (right panel) at 10 days of culture. (B)(C) Osteoblastic parameters in the tibia of WT and 2KO (at 10 weeks of age, female) (B), 2KO and 2/CotKO mice (at 10 weeks of age, male)(C). ** $P < 0.05$. N.S., difference not significant. $n=4$ each group.