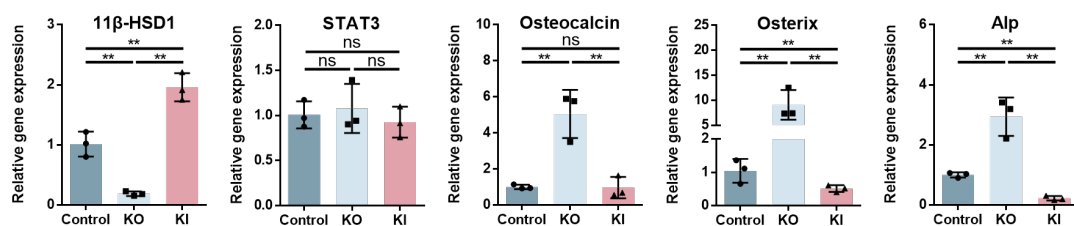


**Figure S1**

A. Body weight of the control and cKO mice.

B. Representative images of immunostaining of Endomucin (Emcn, red), CD31 (green) and DAPI (blue).

C. Representative images of PCR analysis.



**Figure S2** RT-qPCR analysis of 11β-HSD1, STAT3, Osteocalcin Osterix and Alp in BMSCs from wild type, KO and KI groups.