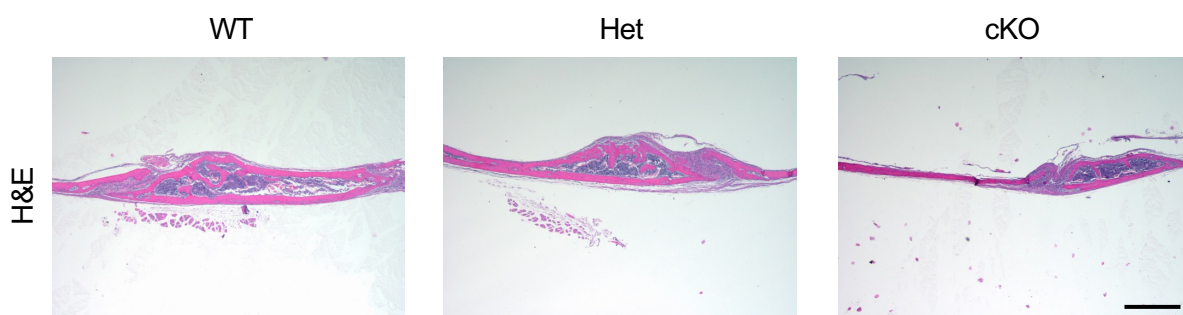


Supplementary Figure 1. Cre recombination activity of *Osx*^{Cre} in neonatal bone. Representative images showing the expression of EGFP (green) and tdTomato (red) fluorescence in neonatal bone of *Osx*^{Cre}; *ROSA*^{mT/mG} reporter mice. *ROSA*^{mT/mG} mice were used as negative control. EGFP expression indicates the Cre recombination. Higher magnification images of red dashed boxed areas are shown in right panels. Scale bar, 40 μ m.



Supplementary Figure 2. *Kindlin-2*^{fl/fl}; *Osx*^{Cre} mice display decreased bone mass and intramembranous ossification in calvariae. (a) Haematoxylin and eosin (H&E) staining of calvariae sections from WT, Het and cKO mice at P35. Scale bar, 40 μ m.

Gene	Forward	Reverse
<i>Osx</i>	ATGGCGTCCTCTCTGCTTG	TGAAAGGTCAGCGTATGGCTT
<i>Runx2</i>	AACGATCTGAGATTTGTGGGC	CCTGCGTGGGATTTCTTGGTT
<i>Alp</i>	CCAACCTTTTTGTGCCAGAGA	GGCTACATTGGTGTGAGCTTTT
<i>Bsp</i>	TCAGCATTTTGGGA TGGCC	GAGGTTGTTGTCTTCGAGGT
<i>Ocn</i>	AGGGAGGATCAAGTCCCG	GAACAGACTCCGGCGCTA

Supplementary Table 1: Primer information