



**Supplementary Figure 1. MicroCT of femoral trabecular and cortical bone from *Phd2*<sup>+/-</sup> and *Phd2*<sup>WT</sup> mice.** (a) Trabecular bone measurements; BV/TV (%), Tb.N (1/mm), Tb.Th (mm) and Tb.Sp (mm) and (b) cortical bone measurements; Tt.Ar (mm<sup>2</sup>), Ct.Ar (mm<sup>2</sup>), Ct.Ar/Tt.Ar (%) and Ct.Th (mm) in *Phd2*<sup>+/-</sup> and *Phd2*<sup>WT</sup> mice. \*, p<0.05; \*\*, p<0.01.