



Supplemental Fig. 5. Sodium-dependent Pi co-transporter expression in the renal BBM of TMEM174 KO mice. A-D) The densitometry analysis (A, NPT2A; B, NPT2C; C, PiT2; D) NHERF1) of the immunoblot analysis shown in Figure 3E. Renal E) NPT2A, F) NPT2C, G) PiT2, H) CYP27B1 and I) CYP24A1 mRNA in TMEM174 KO mice. J) Immunoblot analysis of CaSR, PTHR1 and FGFR1 in the kidneys of TMEM174 KO mice. K-M) The densitometry analysis (K, CaSR; L, PTHR1; M, FGFR1) of the immunoblot analysis shown in Supplementary Figure 3H. Eight-week-old male mice were sacrificed after a 4 hour fasting. N) Levels of NPT2B protein in the intestines of TMEM174 KO mice. *P<0.05, **P<0.01, ***P<0.001