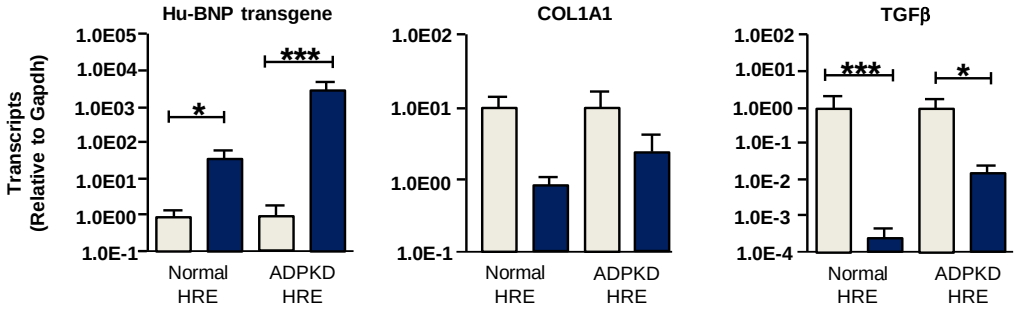
Supplementary Figure S10 Holditch et al.



Supplementary Fig. S10. BNP treatment suppresses COL1A1 and TGFβ expression in human renal epithelial cell lines. Patient derived noncystic Normal Human Renal Epithelial (HRE) and cystic human renal epithelial cells (ADPKD HRE) were transduced with lentiviral vectors expressing control Green Fluorescent Protein (Lenti-GFP, gray bars) or codon optimized Human BNP (Lenti-Hu-BNP, blue bars). Expression of human BNP transgene was verified by real time RT-PCR quantification (left panel). Relative transcript levels of profibrotic gene, Collagen type 1a1 (COL1A1) and transforming growth factor-β (TGFβ), were determined by real time RT-PCR and normalized by Gapdh transcripts with Gapdh. Data were shown ± SEM. **P* < 0.05 and ****P* < 0.001 (vs. Lenti-GFP control).