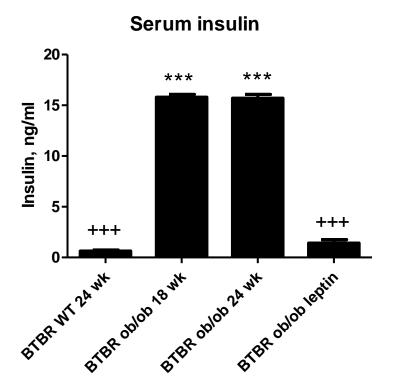
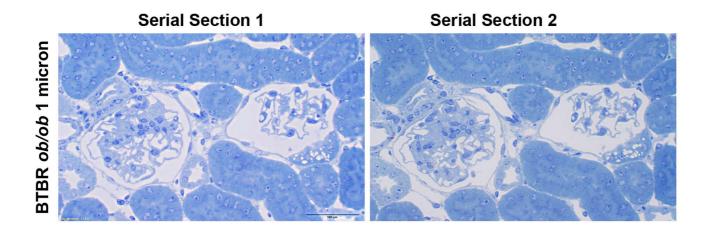


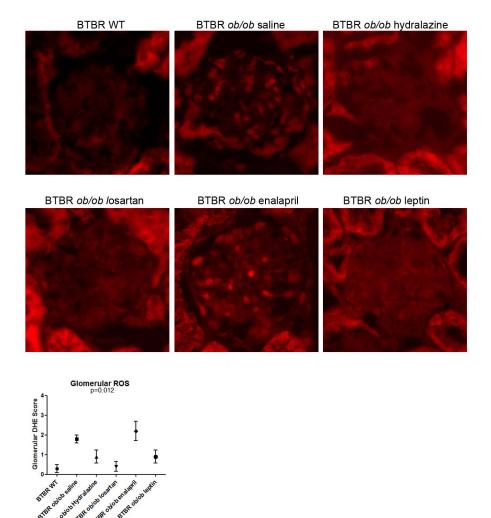
Supplemental Figure 1. Blood glucose and body weight. Time course changes in blood glucose and body weight during treatment beginning at 18 weeks and continuing until 24 weeks of age. Body weight and blood glucose levels are elevated in 24 weeks BTBR *ob/ob* control mice and remain elevated in all treatment groups except BTBR *ob/ob* mice with leptin replacement. Leptin replacement decreased body weight and blood glucose levels beginning the first week after starting treatment. ***p<0.001 vs BTBR *ob/ob* control, BTBR *ob/ob* hydralazine, BTBR *ob/ob* losartan and BTBR *ob/ob* enalapril, +++ p<0.001 vs. BTBR *ob/ob* hydralazine, BTBR *ob/ob* losartan and BTBR *ob/ob* enalapril, # p<0.05 vs. BTBR *ob/ob* control.



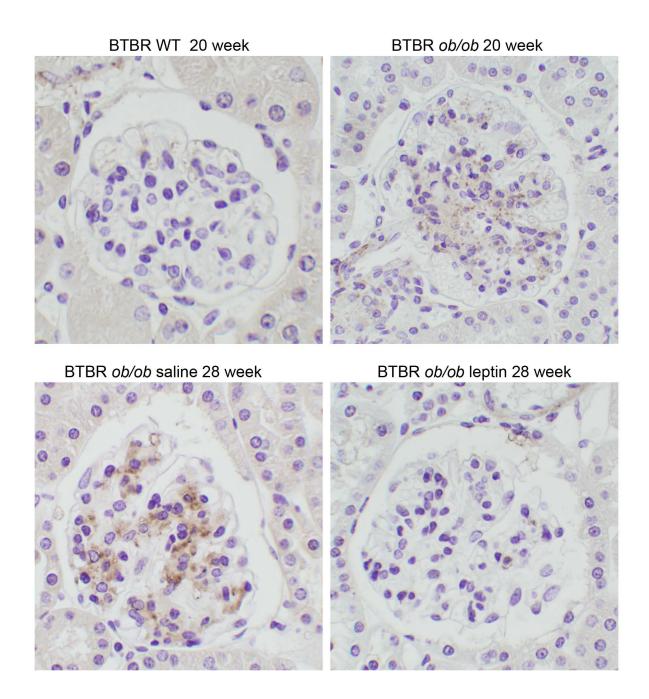
Supplemental Figure 2. Serum insulin levels are significantly elevated in BTBR *ob/ob* mice at 18 and 24 weeks compared to WT mice. Leptin replacement reduced serum insulin levels to levels seen in BTBR WT mice. *** p < 0.001 vs 24 week BTBR WT, +++ p < 0.001 vs 18 and 24 week BTBR *ob/ob*.



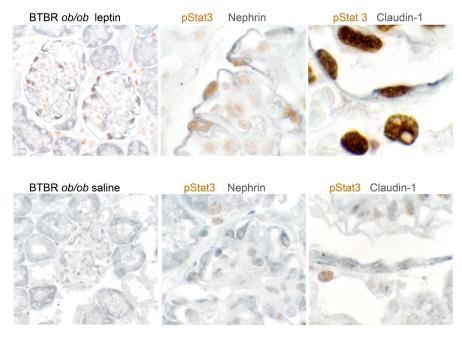
Pichaiwong et al Supplemental Figure 3



Pichaiwong et al. Supplemental Figure 4



Pichaiwong et al Supplemental Figure 5.



Supplemental Figure 6

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