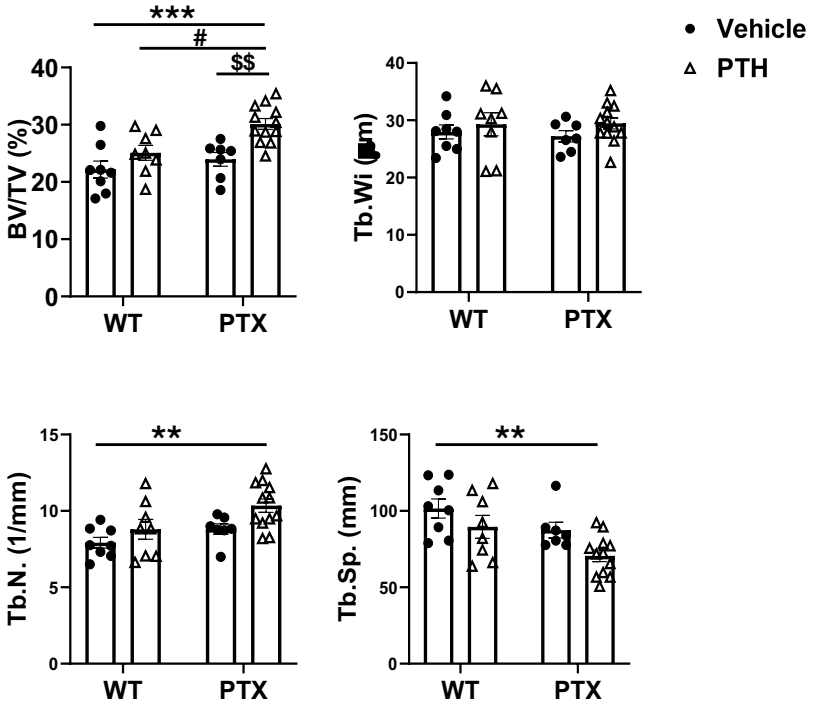
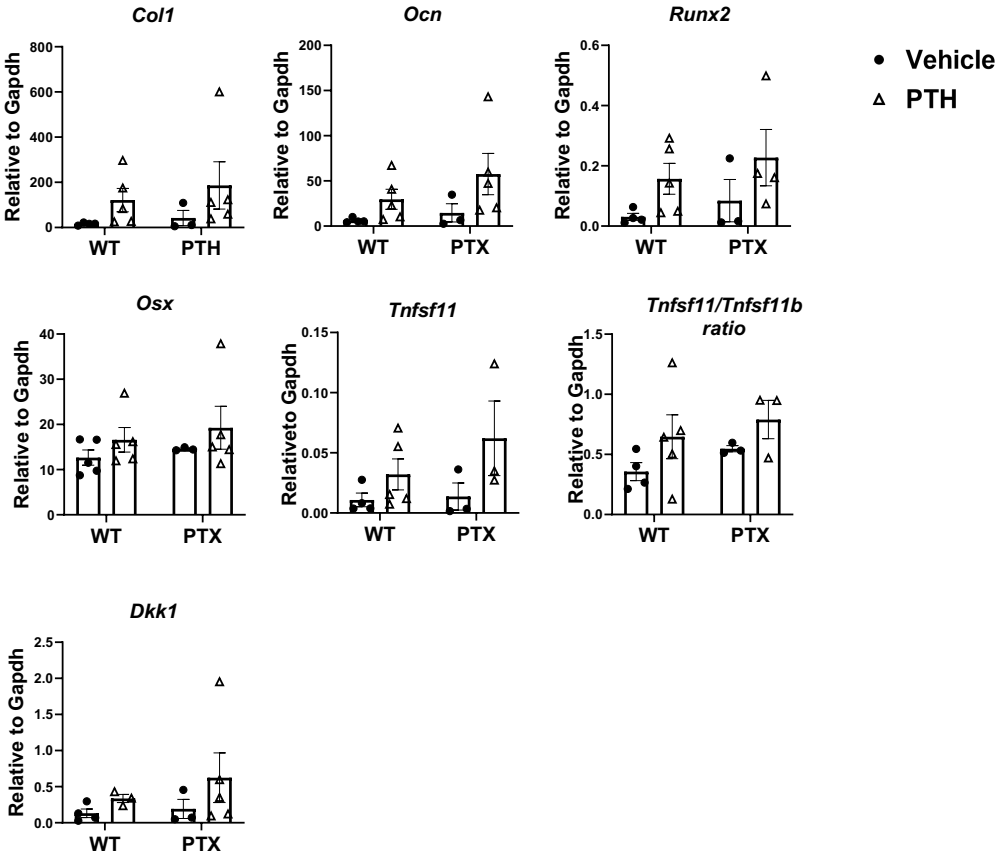
Supplementary Figure 1



Supplement Figure 1. Static histomorphometry assessment of cancellous bone at the L4 vertebra in Col1(2.3)+/PTX+ and littermate control mice. TV, tissue volume; BV, bone volume; Bone fractional volume, BV/TV; Tb.N, trabecular number; Tb.Wi, Trabecular width; Tb.Sp, trabecular separation. **p<0.0021, ****p<0.0001 vs. vehicle treated WT littermates; #p<0.0332 vs. WT+PTH ; $$p<0.0021 vs. PTX+Vehicle. Data is represented as mean ± SEM and stastical significance was calculated using two-way ANOVA. (WT+Vehicle, n=8; WT+PTH, n=8; PTX+Vehicle, n=7; PTX+PTH, n=12)

Supplementary Figure 2



Supplemental Figure 2. qPCR analysis of whole bone extracted RNA. Data is represented as mean ± SEM and stastical significance was calculated using two-way ANOVA. (WT+Vehicle, n=4-5; WT+PTH, n=3-5; PTX+Vehicle, n=3; PTX+PTH, n=3-4)