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Supplemental Information

Effects of RANKL Knockdown

by Virus-like Particle-Mediated RNAi

in a Rat Model of Osteoporosis

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Supplementary material

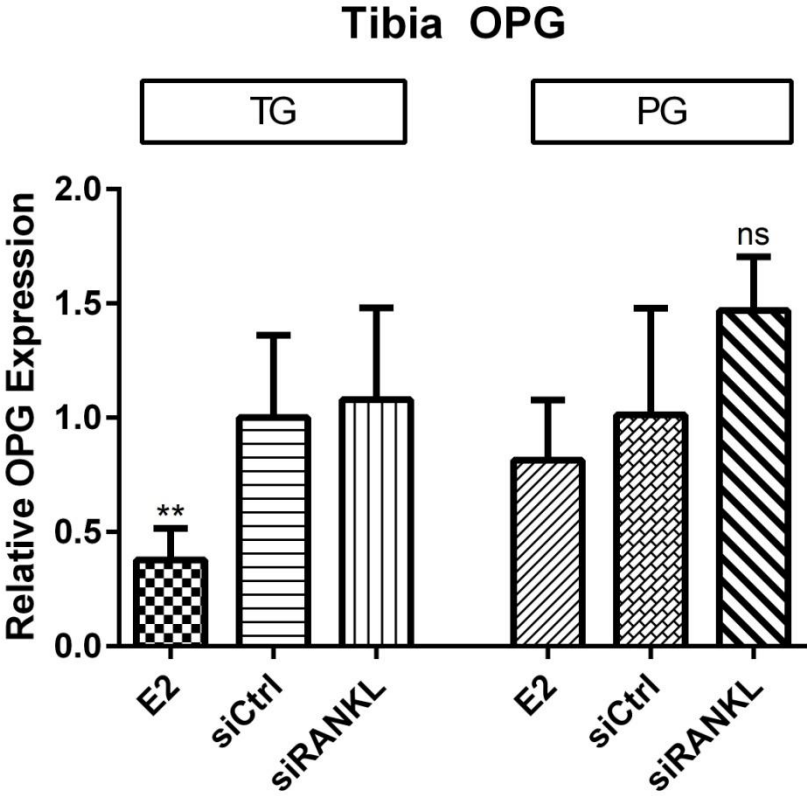


Fig. S1: Expression of OPG-mRNA in tibiae in 3 selected animals with highest RANKL-knockdown. In the TG, E2-administration led to a significant knockdown of OPG, whereas siRANKL showed no effect. In the PG, E2-mediated RANKL downregulation no longer showed significant differences for OPG-expression, whereas in RANKL-knockdown cohorts, a tendency of increased OPG expression could be observed. ** p<0.01 vs. siCtrl in TG

Complete Western Blot

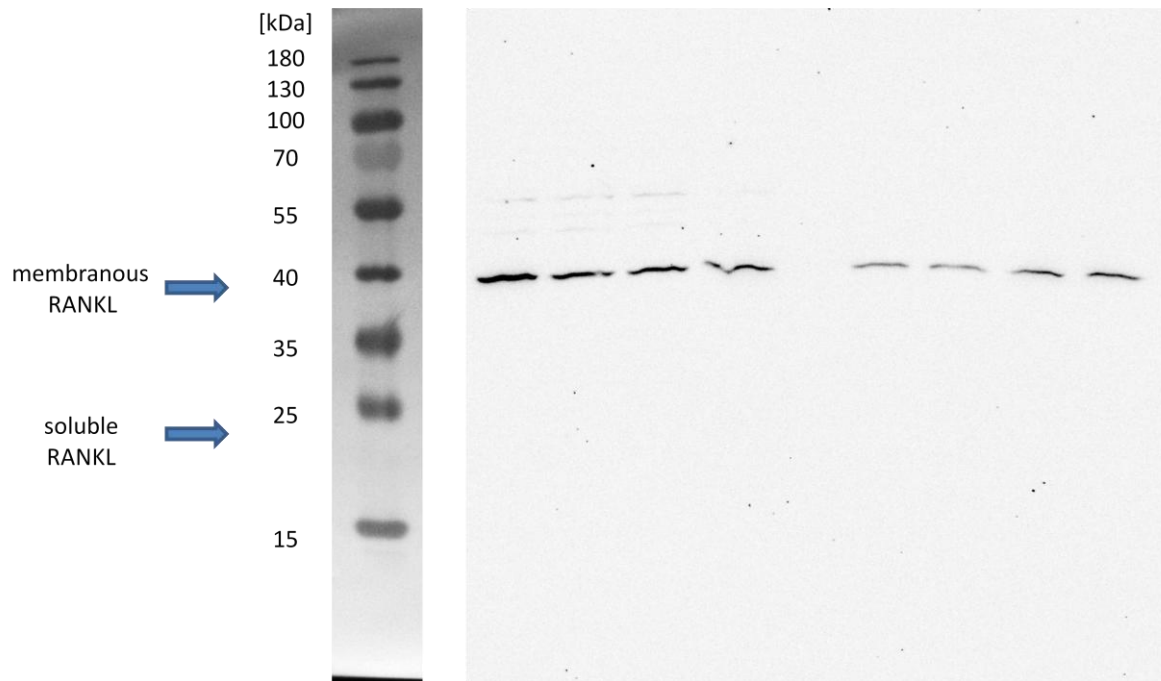


Fig. S2: A complete Western blot of the tibia. The membranous RANKL is detected at around 40 kDa. There was no soluble RANKL detected in tibiae samples. GAPDH-Antibody (loading control, not shown) was used after primary and secondary antibodies for RANKL were removed according to a standard stripping protocol.