

**The neuropathic phenotype of the K/BxN transgenic mouse with spontaneous arthritis:
Pain, nerve sprouting and joint remodeling**

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Supplemental Table 1. Analyses of microCt data by strain*

	WT x K/BxN (male)				WT x K/BxN (female)			
	Femora	Tibia	Calcanea	Tali	Femora	Tibia	Calcanea	Tali
tBMD	F(1,30)=58.79, p<0.001	F(1,30)=105.82, p<0.001	F(1,30)=75.14, p<0.001	F(1,30)=22.03, p<0.001	F(1,30)=58.79, p<0.001	F(1,30)=105.82, p<0.001	F(1,30)=75.14, p<0.001	F(1,30)=22.03, p<0.001
BV/TV	F(1,30)=27.78, p<0.001	F(1,30)=39.47, p<0.001	F(1,30)=143.36, p<0.001	F(1,30)=22.67, p<0.001	F(1,30)=27.78, p<0.001	F(1,30)=39.47, p<0.001	F(1,30)=143.36, p<0.001	F(1,30)=22.67, p<0.001
Tb.N	F(1,30)=55.51, p<0.001	F(1,30)=85.30, p<0.001	F(1,30)=184.35, p<0.001	F(1,30)=4.57, p=0.041	F(1,30)=55.51, p<0.001	F(1,30)=85.30, p<0.001	F(1,30)=184.35, p<0.001	F(1,30)=184.35, p=0.840

*Two-way ANOVA with Bonferroni post hoc correction: p <0.05 in black and p >0.05 in blue

Supplemental Table 2. Analyses of microCt data by sex[&]

	Male x Female (WT)				Male x Female (K/BxN)			
	Femora	Tibia	Calcanea	Tali	Femora	Tibia	Calcanea	Tali
tBMD	F(1,30)=12.04, p=0.002	F(1,30)=10.48, p=0.003	F(1,30)=14.40, p<0.001	F(1,30)=0.493, p=0.156	F(1,30)=12.04, p=0.327	F(1,30)=10.48, p=0.556	F(1,30)=14.40, p=0.548	F(1,30)=0.493, p=0.588
BV/TV	F(1,30)=16.39, p<0.001	F(1,30)=23.89, p<0.001	F(1,30)=17.07, p<0.001	F(1,30)=2.925, p=0.078	F(1,30)=16.39, p=0.286	F(1,30)=23.89, p=0.100	F(1,30)=17.07, p=0.686	F(1,30)=2.925, p=0.593
Tb.N	F(1,30)=21.29, p<0.001	F(1,30)=41.06, p<0.001	F(1,30)=21.87, p<0.001	F(1,30)=0.0027, p=0.239	F(1,30)=21.29, p=0.190	F(1,30)=41.06, p<0.001	F(1,30)=21.87, p=0.233	F(1,30)=0.0027, p=0.176

[&]Two-way ANOVA with Bonferroni post hoc correction: p <0.05 in black and p >0.05 in blue