

SUPPLEMENTAL TABLE 1

<b>PROPERTY</b>	<b>Units</b>	<b>Cre<sup>-/-</sup> (n=18)</b>	<b>Cre<sup>+/-</sup> (n=9)</b>	<b>p-value</b>
Body weight	grams	24.36 ± 2.61	23.83 ± 2.09	0.60
<b>Metaphysis (Trabecular bone)</b>				
BV/TV	%	16.5 ± 4.4	14.9 ± 4.0	0.40
Tb.N	mm <sup>-1</sup>	5.6 ± 0.61	5.67 ± 0.65	0.80
Tb.Th	mm	0.046 ± 0.006	0.044 ± 0.007	0.36
Tb.Sp	mm	0.179 ± 0.023	0.177 ± 0.02	0.83
SMIa	--	2.032 ± 0.373	2.218 ± 0.299	0.21
Tb.TMD	mgHA/cm <sup>3</sup>	893 ± 10.6	880 ± 19.5	<b>0.02</b>
<b>Diaphysis (Cortical bone)</b>				
Ma.V	mm <sup>3</sup>	1.27 ± 0.158	1.36 ± 0.209	0.22
Ct.Th	mm	0.165 ± 0.017	0.156 ± 0.013	0.18
Imin	mm <sup>4</sup>	0.115 ± 0.027	0.118 ± 0.028	0.79
Ct.Ar	mm <sup>2</sup>	0.717 ± 0.098	0.693 ± 0.084	0.53
Length	mm	13.742 ± 0.622	13.71 ± 0.655	0.90
Slendernessb	mm/mm <sup>2</sup>	19.457 ± 2.47	19.999 ± 2.08	0.58
Ct.TMD	mgHA/cm <sup>3</sup>	1153.6 ± 25.7	1133.6 ± 23.7	0.06
Stiffness	N/mm	75.75 ± 16.1	70.59 ± 17.23	0.45
Modulus	GPa	7.21 ± 1.71	6.5 ± 1.3	0.28
Bending strength	MPa	165.15 ± 19.36	167.7 ± 16.23	0.74
Peak Force	N	14.76 ± 2.5	14.93 ± 2.91	0.88