

Table S2 Summary of mixed model results for litter size in Hoxb1^{A1} treatment and control lineage homozygous F₂ breeding cages

Litter Size in Homozygous Breeding Cages				
GLMM with Poisson distribution and logarithmic link (Intercept at litter 1, 75 obs, 28 groups)				
<i>Random effects</i>	<i>Variance</i>	<i>Std. Deviation</i>		
Breeding cage (Slope)	0.001	0.034		
<i>Fixed effects</i>	<i>Estimate</i>	<i>Std. Error</i>	<i>Z value</i>	<i>Pr(> z)</i>
Intercept	1.540	0.105	14.67	<0.0001***
Genotype (<i>Hoxb1</i> ^{+/g} / ^{+/g})	0.497	0.144	3.46	0.001***
Litter Parity	0.155	0.082	1.90	0.058
Genotype (<i>Hoxb1</i> ^{+/g} / ^{+/g}) X Litter Parity	-0.372	0.124	-3.01	0.003**

Indicates a p value <0.01, * < 0.001