

**Supplementary Table 1** Proportions of *Tmsb4x*<sup>+/-</sup>, *Tmsb4x*<sup>-/-</sup>, *Tmsb4x*<sup>+y</sup> and *Tmsb4x*<sup>-y</sup> mice born after crossing adult male *Tmsb4x*<sup>-y</sup> mice with *Tmsb4x*<sup>+/-</sup> adult females.

Genotype	<i>Tmsb4x</i> <sup>+/-</sup>	<i>Tmsb4x</i> <sup>-/-</sup>	<i>Tmsb4x</i> <sup>+y</sup>	<i>Tmsb4x</i> <sup>-y</sup>	Total	X <sup>2</sup>	P value
Expected	25%	25%	25%	25%			
Observed	92 (28%)	74 (23%)	85 (26%)	76 (23%)	327	2.554	0.4657