

**Supplementary Table 1: Breeding statistics**

<b>Offspring Group</b>	<b>Sire genotype</b>	<b>Dam genotype</b>	<b>Number of sires</b>	<b>Number of litters</b>	<b>Average litter size ± SEM</b>	<b>Average sire age at birth ± SEM (d)</b>	<b>Average sire weight ± SEM (g)<sup>a</sup></b>
Control	<i>a/a</i>	<i>a/a</i>	15	23	6.8 ± 0.4	123 ± 9	31.1 ± 0.9
PatObF1	<i>A<sup>vy</sup>/a</i>	<i>a/a</i>	8	12	7.4 ± 1.1	126 ± 11	48.6 ± 1.2***
PatObF2	<i>a/a</i>	<i>a/a</i>	6	15	6.9 ± 0.6	121 ± 12	33.5 ± 1.3
PatObF3	<i>a/a</i>	<i>a/a</i>	13	20	6.3 ± 0.5	105 ± 8	31.9 ± 0.8

<sup>a</sup> sire weight at 7dpp

\*\*\*  $p < 0.0001$  v Control