

## Supplementary Data

SUPPLEMENTARY TABLE S1. OBSERVATIONAL TABLE CHARTING BINOMIAL EXACT ANALYSIS ON OSXCreSHIP<sup>FLOX/FLOX</sup> AND SHIP<sup>FLOX/FLOX</sup> PROGENY BIRTH FREQUENCIES DERIVED FROM PAIRINGS OF OSXCreSHIP<sup>FLOX/FLOX</sup> AND SHIP<sup>FLOX/FLOX</sup> PARTNERS

<i>Total progeny</i>	<i>Genotype</i>	<i>Expected</i>	<i>Observed</i>	<i>Binomial exact value</i>
150	OSXCreSHIP <sup>flox/flox</sup> SHIP <sup>flox/flox</sup>	75 75	48 102	8.43349E-06

Data represent pooled male and female SHIP<sup>flox/flox</sup> and OSXCreSHIP<sup>flox/flox</sup> mice.