

Homozygous Viability

All genotyped mice from heterozygous x heterozygous matings were considered in this analysis. Once there were ≥ 28 genotyped offspring, the proportion of homozygous mice was calculated. Colonies of mice where $>13\%$ of offspring were homozygous were classed as viable. If homozygotes were detected $>0\%$ and $\leq 13\%$, colonies were classed as sub-viable. If no homozygotes were detected from at least 28 progeny the colony was classed as lethal.

Genotype testing was performed on postnatal day 14.