S2 Table: Effect of *Phf6* germline mutation on survival on the C57BL/6 background

Age	Females				Males				Total number	p-value for $Phf6^{-/Y}$ males	p-value for $Phf6^{+/-}$ females
	$Phf6^{+/+}$		$Phf6^{+/-}$		$Phf6^{+/Y}$		$Phf6^{-/Y}$				
Post-natal day 0	57	27%	57	27%	96	46%	0	0%	210	$< 10^{-6}$	0.79
Weaning (3 weeks)	54	31%	42	24%	79	45%	0	0%	175	$< 10^{-6}$	0.42

The number and percentage of each genotype from crosses between *Phf6*$^{+/-}$ heterozygous females with *Phf6*$^{+/Y}$ males is shown. The expected frequency of each genotype is 25%. Data were analysed by a binomial test. P-values are shown for the representation of the *Phf6*$^{-/Y}$ and *Phf6*$^{+/-}$ genotypes.