

Supplementary information, Figure S2

A

SSC colonies carrying mutated *Crygc*

WT <i>Crygc</i>	AGTATCTGCTGAGGCCTCAAGAGTACCGGCGCTTCCAGGACTGGG	
	AGTATCTGCTGAGGCCTCAAGA-TACCGGCGCTTCCAGGACTGGG	-1 (×4)
Biallelic mutation (Homozygous)	AGTATCTGCTGAGGCCT-----ACCGGCGCTTCCAGGACTGGG	-7 (×1)
	AGTATCTGCTGAGGCCTC-----TACCGGCGCTTCCAGGACTGGG	-5 (×2)
	AGTATCTGCTGAGGC-----TACCGGCGCTTCCAGGACTGGG	-8 (×1)
	AGTATCTGCTGAGGCCTCAAGAG † TACCGGCGCTTCCAGGACTGGG	+1 (×2)
	AGTATCTGCTGAGGCCTCAAGAG † TACCGGCGCTTCCAGGACTGGG	+1
Biallelic mutation (Heterozygous)	AGTATCTGCTGAGGCCTCAA-----ACCGGCGCTTCCAGGACTGGG	4
	AGTATCTGCTGAGGCCTCAAGA-TACCGGCGCTTCCAGGACTGGG	-1
	AGTATCTGCTGAGGCCTC-----CAGGACTGGG	-17

B

Mice carrying mutant *Crygc* gene

<i>Crygc</i>	AGTATCTGCTGAGGCCTCAAGAGTACCGGCGCTTCCAGGACTGGG	
	AGTATCTGCTGAGGCCTCAAGA-TACCGGCGCTTCCAGGACTGGG	-1 (×2)
Functional mutation	AGTATCTGCTGAGGCCTCAAG--TACCGGCGCTTCCAGGACTGGG	-2 (×1)
	AGTATCTGCTGAGGCCTCA----TACCGGCGCTTCCAGGACTGGG	-4 (×2)
	AGTATCTGCTGAGGCCTCAAGA--ACCGGCGCTTCCAGGACTGGG	-2 (×1)
	AGTATCTGCTGAG-----TACCGGCGCTTCCAGGACTGGG	-10 (×1)
	AGTATCTGC-----TACCGGCGCTTCCAGGACTGGG	-14 (×1)
	AGTATCTGCTGAGGCCTCAAGAG † TACCGGCGCTTCCAGGACTGGG	+1 (×2)
Non-functional mutation	AGTATCTGCTGAGGCCTCAA---TACCGGCGCTTCCAGGACTGGG	-3 (×2)
	AGTATCTGCTGAGGCCTC-----ACCGGCGCTTCCAGGACTGGG	-6 (×1)

Figure S2 The sequences of the *Crygc* gene in SSC colonies (**A**) and mice (**B**) carrying CRISPR-Cas9-induced modifications. Deletions are indicated with (-), insertions are indicated with (+). Small letters represent the inserted nucleotide.