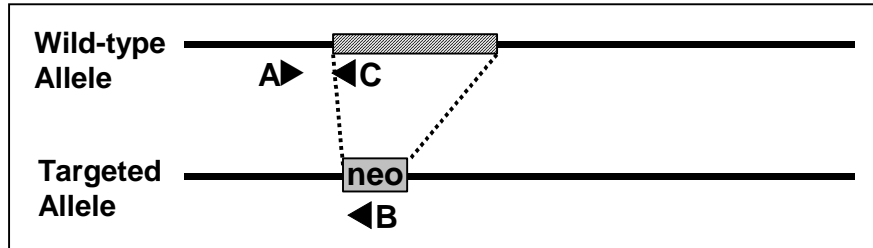


Genotyping of *Acat1*^{-/-} Mice

(from Meiner *et al.* (1996) *Proc.Natl.Acad.Sci.USA* 93:14041-14046)



Primer	Description
A▶ 5'-CAGCTATGTACACACATATATTCATG-3'	upstream of targeting vector
◀B 5'-TTGGGAAGACAATAGCAGGCATGC-3'	polyadenylation signal of the <i>neo</i> gene
◀C 5'-GGACTTTTCAATGAGGTTGGTCAC-3'	unique to the deleted region of the wild-type allele

PCR conditions:

35 cycles, each of 30 sec at 96°C, 1 min at 50°C, and 2 min at 72°C

Products:

A▶—◀C = 790 bp in *Acat1*^{+/+}

A▶—◀B = 833 bp in *Acat1*^{-/-}