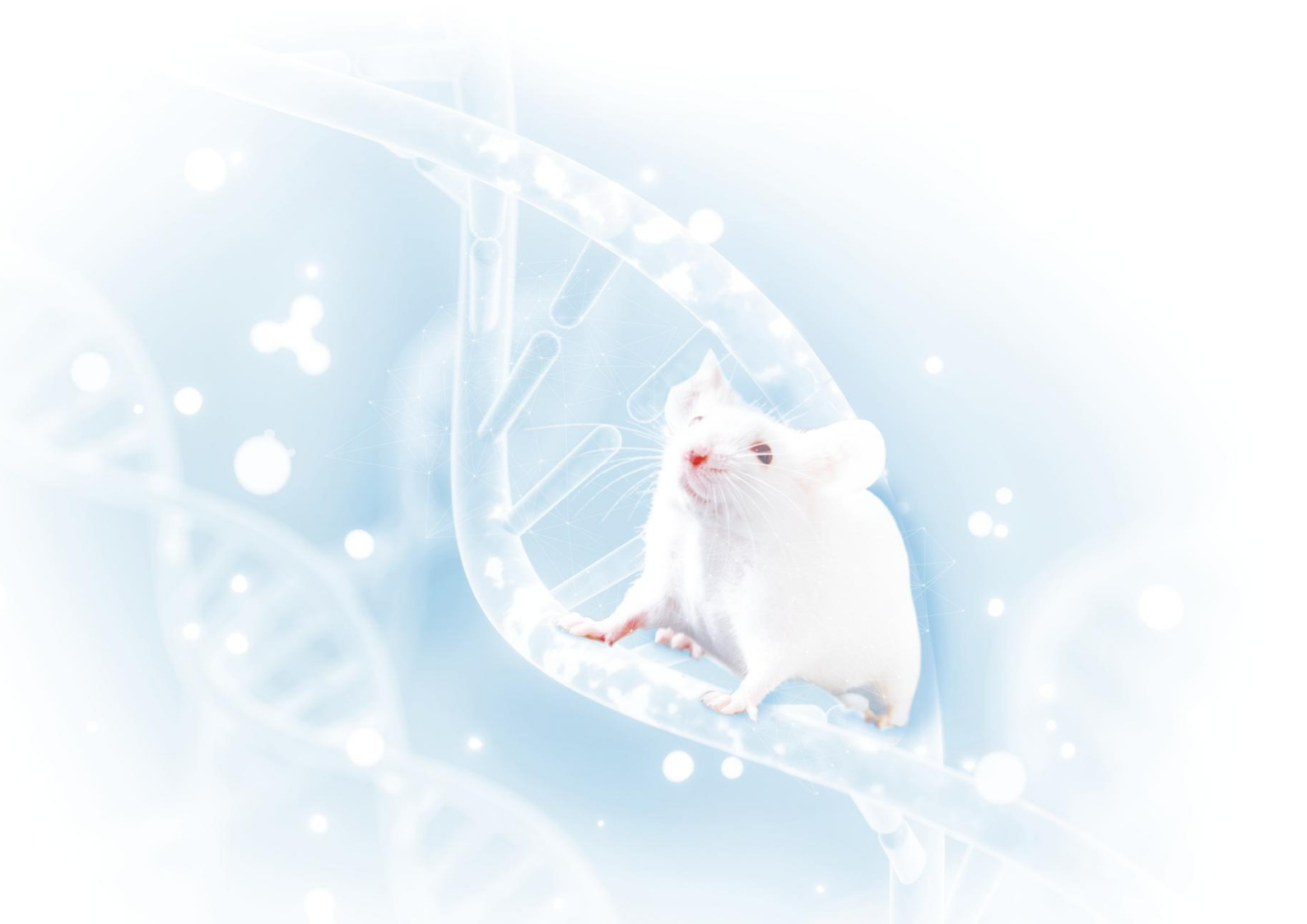
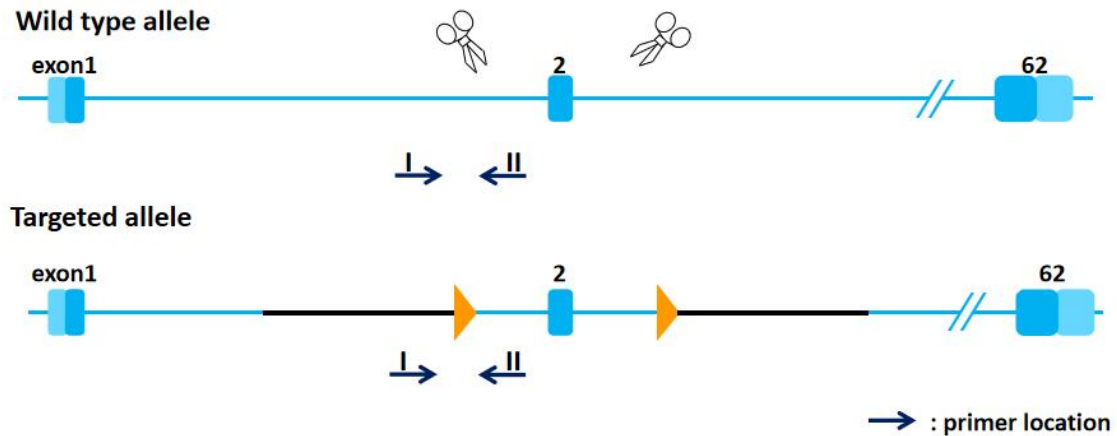


Abca13-Flox Genotyping Protocol



Common Name	Abca13-Flox	Cat. NO.	NM-CKO-210200
Strain of Origin	C57BL/6J	Version	V1

Genotyping strategy



Primers

Primer	Sequence (5'→3')	Primer type
P1	ACACGATGTGTAATGTGTGATCC	Forward
P2	CCCCATCTGAGTTGTGAGCA	Reverse

Expected results

Results	
Genotype	<p>Wild type: P1P2 =225 bp;</p> <p>Heterozygote: P1P2 =294 bp and 225 bp;</p> <p>Homozygote: P1P2 =294 bp</p>

Reaction & Cycling

PCR Reaction System	Reaction Component		Volume (μl)	
	ddH ₂ O		8.0	
	2 × Rapid Taq Master Mix		10.0	
	P1(10 pmol/μl)		0.5	
	P2(10 pmol/μl)		0.5	
	Genomic DNA		1.0	
	Total		20	
	2 × Rapid Taq Master Mix from Vazyme(Code Number: P222-01)			
Cycling Reaction	Step	Temp	Time	Note
	1	95°C	5 min	
	2	95°C	20 sec	
	3	60°C	20 sec	
	4	72°C	20 sec	35 repeats to 2
	5	72°C	5 min	
6	12°C	Hold		