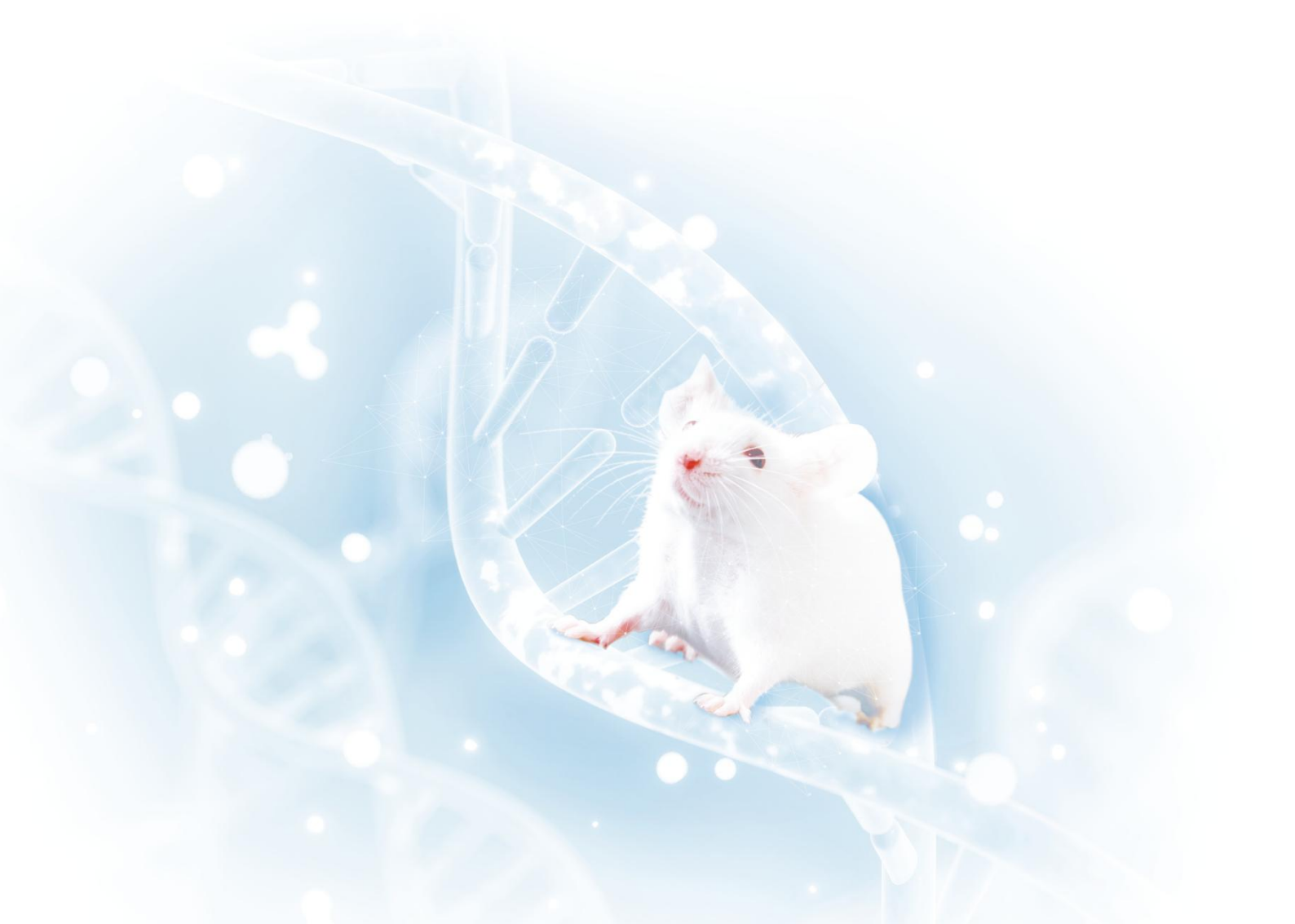
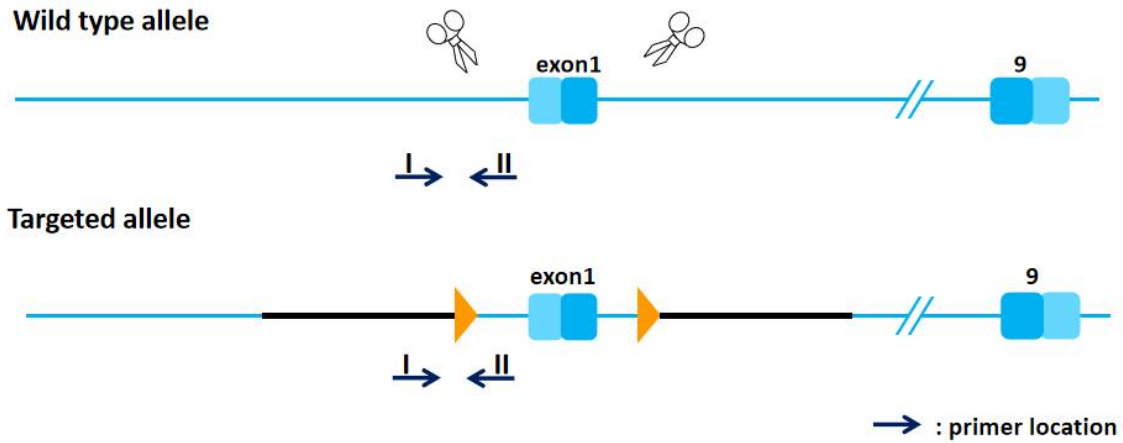


Angpt1-Flox Genotyping Protocol



Common Name	Angpt1-Flox	Cat. NO.	NM-CKO-240744
Strain of Origin	C57BL/6J	Version	V1

Genotyping strategy



Primers

Primer	Sequence (5'→3')	Primer type
P1	AGCCATTGGCACACCTGATA	Forward
P2	CAGAACGCAGCTGTTACAT	Reverse

Expected results

Results	
Genotype	<p>Wild type: P1P2 =250 bp;</p> <p>Heterozygote: P1P2 =309 bp and 250 bp;</p> <p>Homozygote: P1P2 =309 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		