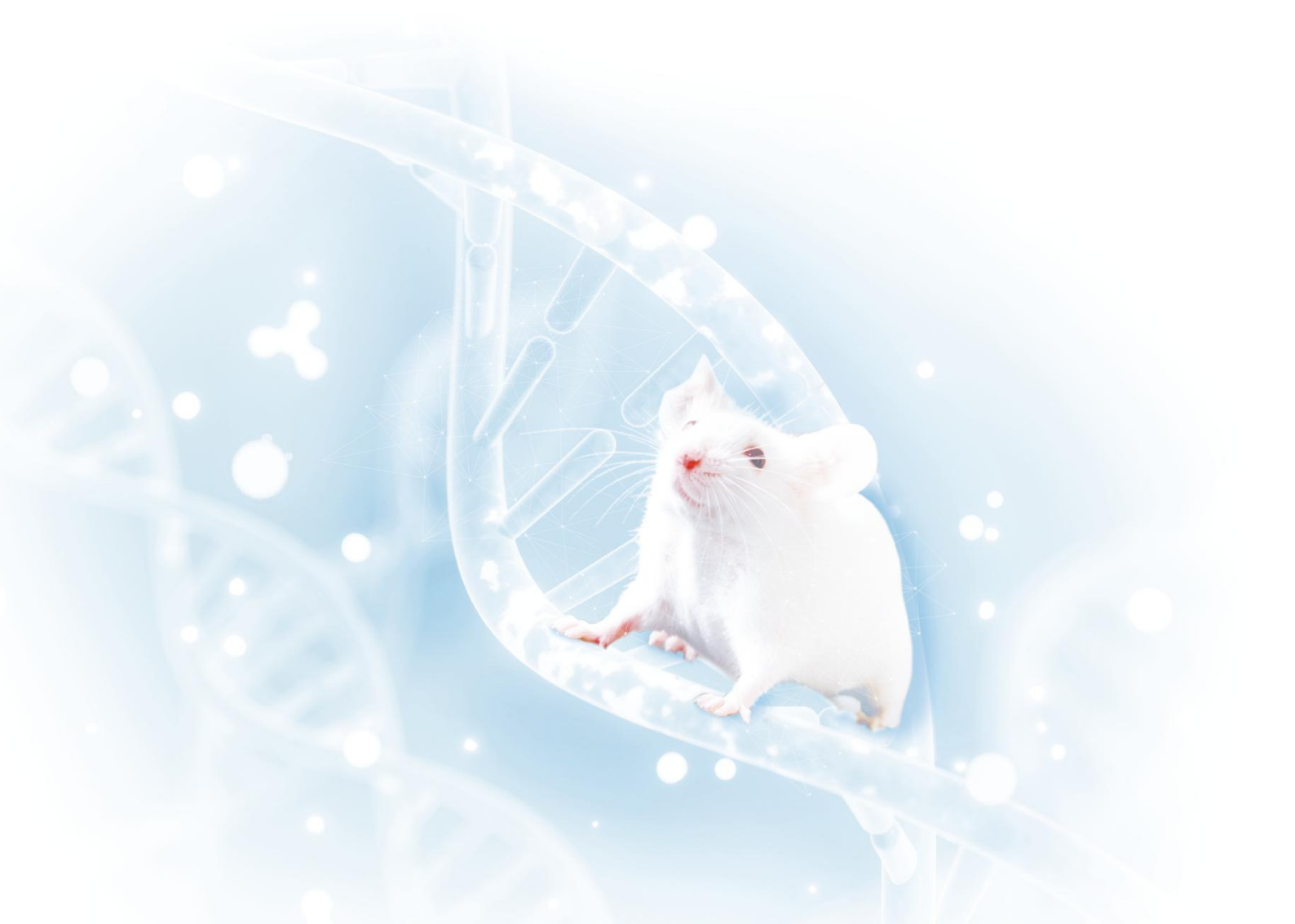
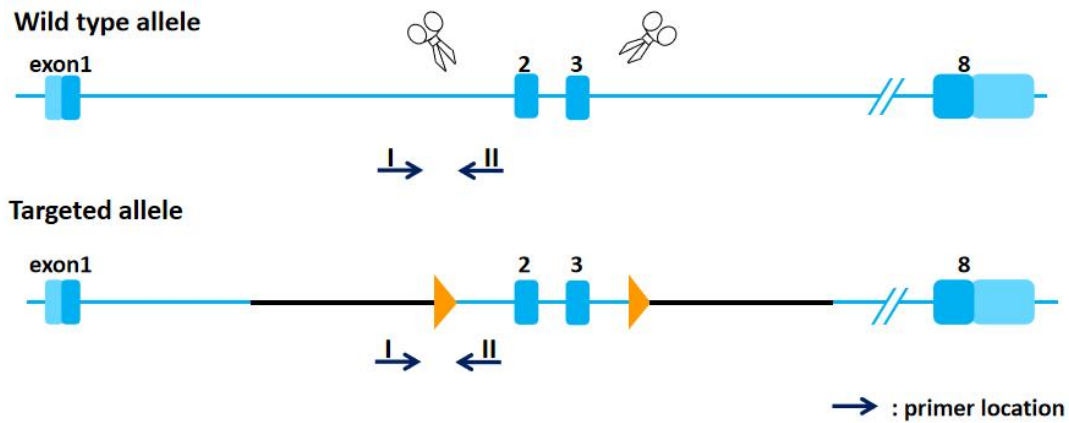


Cd34-Flox Genotyping Protocol



Common Name	Cd34-Flox	Cat. NO.	NM-CK0-231270
Strain of Origin	C57BL/6J	Version	V1

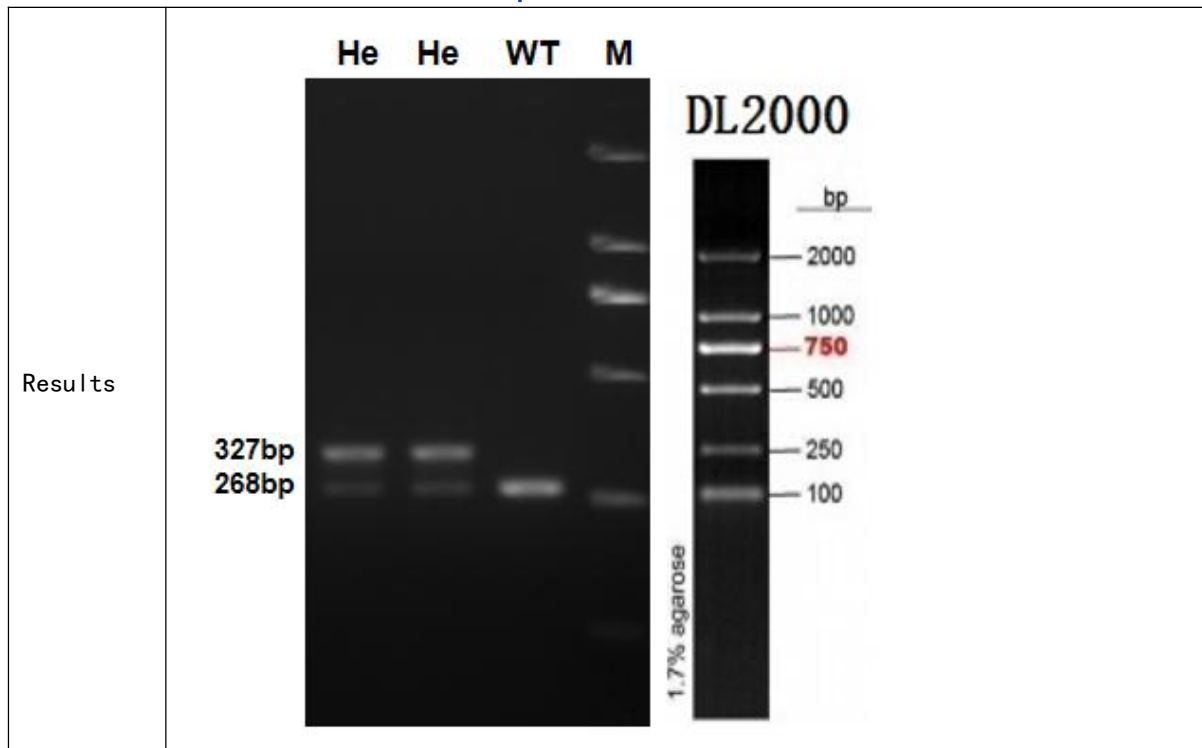
Genotyping strategy



Primers

Primer	Sequence (5' → 3')	Primer type
P1	TGCAAGGGCAATCATAAGGC	Forward
P2	TCAACTGCAGTGAGCAACCT	Reverse

Expected results



Genotype	<p>Wild type: P1P2 =268 bp; Heterozygote: P1P2 =327 bp and 268 bp; Homozygote: P1P2 =327 bp</p>
-----------------	---

Reaction & Cycling

PCR Reaction System	Reaction Component		Volume (μ l)	
	ddH ₂ O		8.0	
	2 \times Taq Plus Master Mix		10.0	
	P1 (10 pmol/ μ l)		0.5	
	P2 (10 pmol/ μ l)		0.5	
	Genomic DNA		1.0	
	Total		20	
	2 \times Taq Plus Master Mix from Vazyme (Code Number: P222-1)			
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	