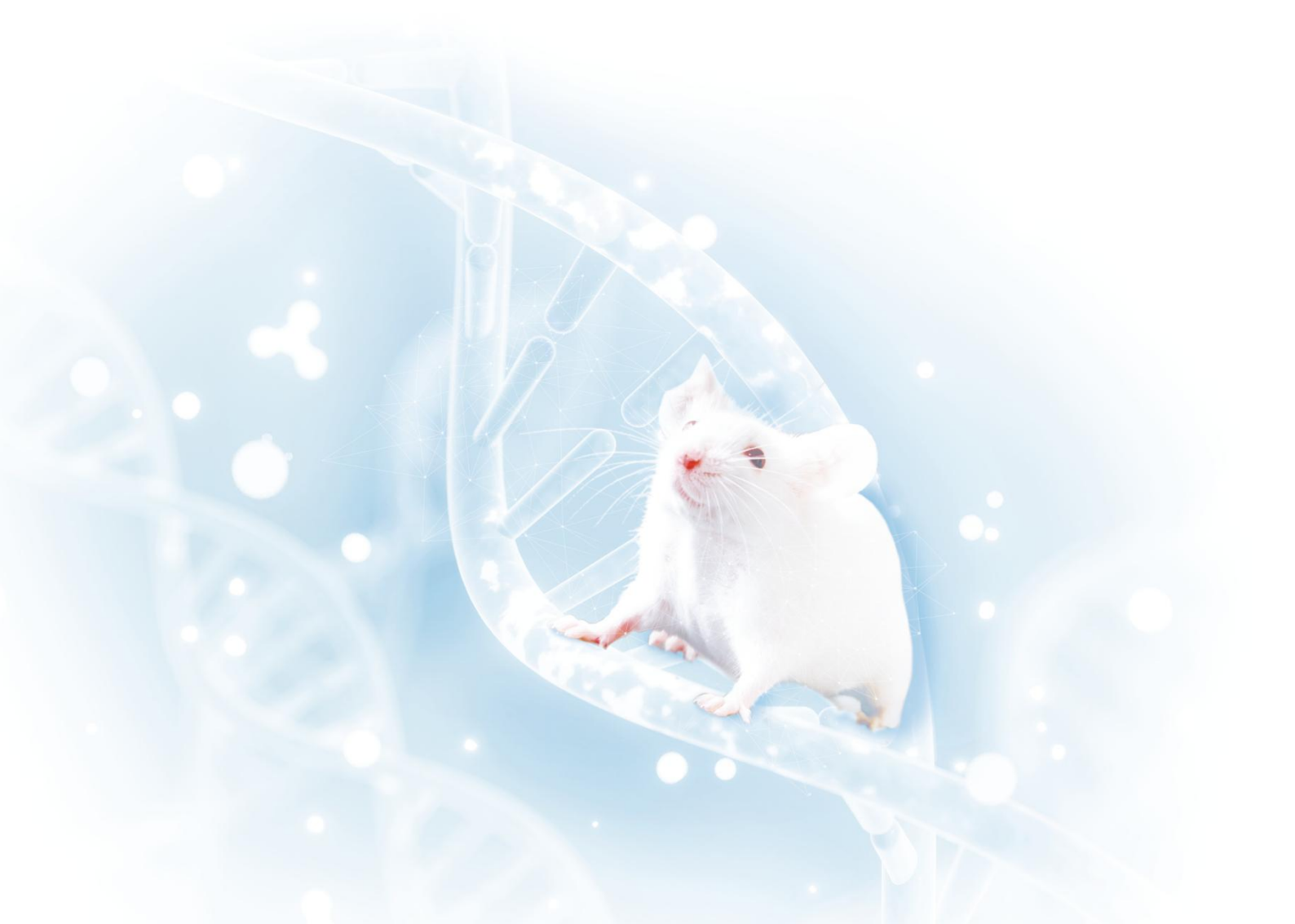
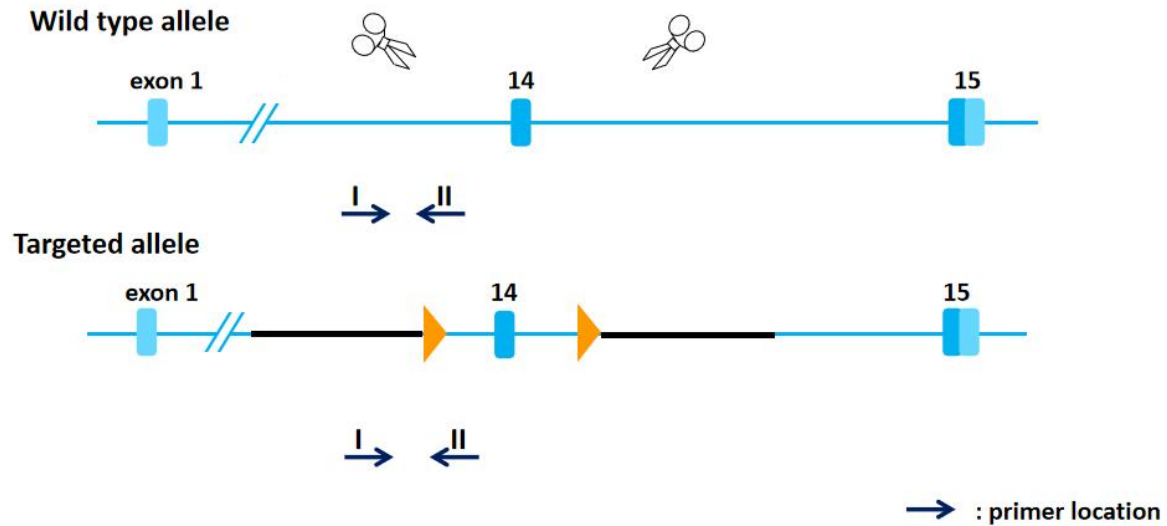


Zbtb20-Flox Genotyping Protocol



Common Name	Zbtb20-Flox	Cat. NO.	NM-CK0-231625
Strain of Origin	C57BL/6J	Version	V1

Genotyping strategy



Primers

Primer	Sequence (5' → 3')	Primer type
P1	GGCTACAATGCATCTTGGCAT	Forward
P2	CTGGCAGATGCACACAAG	Reverse

Expected results

Results	
Genotype	<p>Wild type: P1P2 =279 bp; Heterozygote: P1P2 =279 bp and 333 bp; Homozygote: P1P2 =333 bp</p>

Reaction & Cycling

PCR Reaction System	Reaction Component		Volume (μl)		
	ddH2O		8.0		
	2×Taq Plus Master Mix		10.0		
	P1 (10 pmol/μl)		0.5		
	P2 (10 pmol/μl)		0.5		
	Genomic DNA		1.0		
	Total		20		
	2×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			