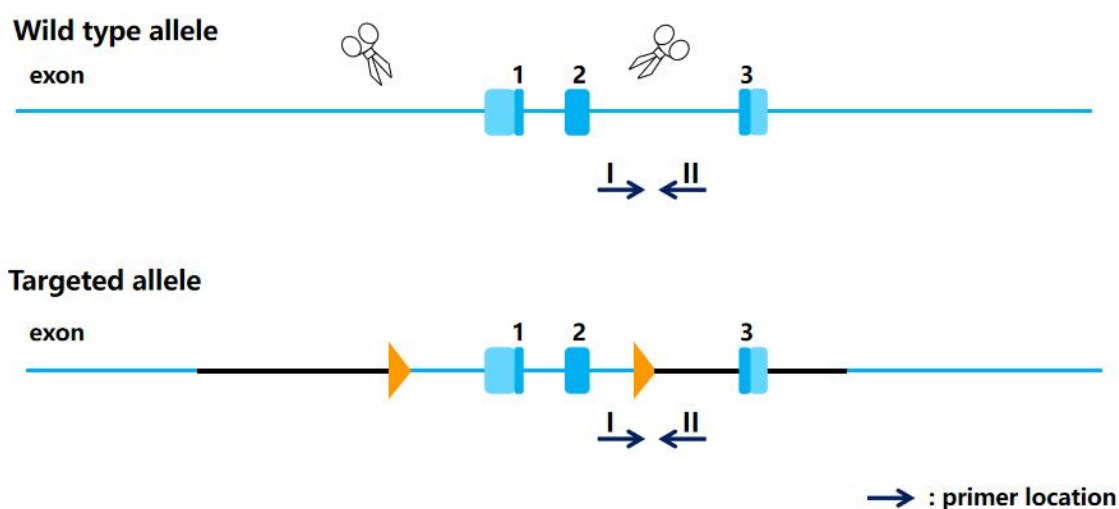


Apoc1-Flox Genotyping Protocol



Common Name	Apoc1-Flox	Cat. NO.	NM-CKO-251558
Strain of Origin	C57BL/6J	Version	V1

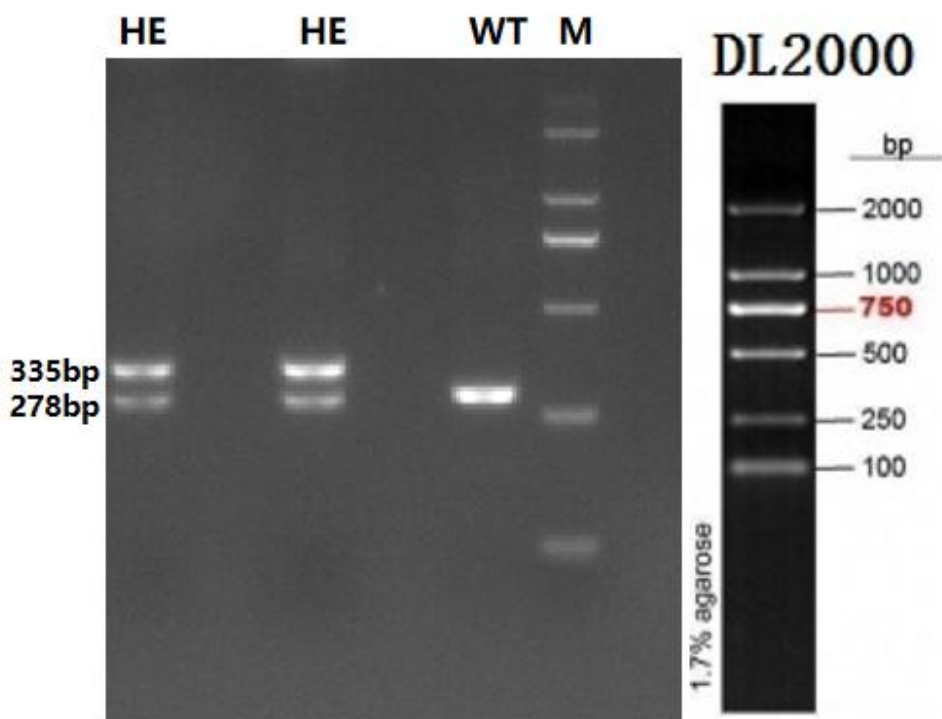
Genotyping strategy



Primers

Primer	Sequence (5' → 3')	Primer type
P1	GGCCCAGCAAAGAACAGAAAT	Forward
P2	ACAGATCTTCCCACCCCAGG	Reverse

Expected results

Results	 HE HE WT M DL2000 335bp 278bp 1.7% agarose bp 2000 1000 750 500 250 100
Genotype	Wild type: P1P2 =278 bp; Heterozygote: P1P2 =335 bp and 278 bp; Homozygote: P1P2 =335 bp

Reaction &Cycling

	Reaction Component	Volume (μl)
PCR Reaction System	ddH2O	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	