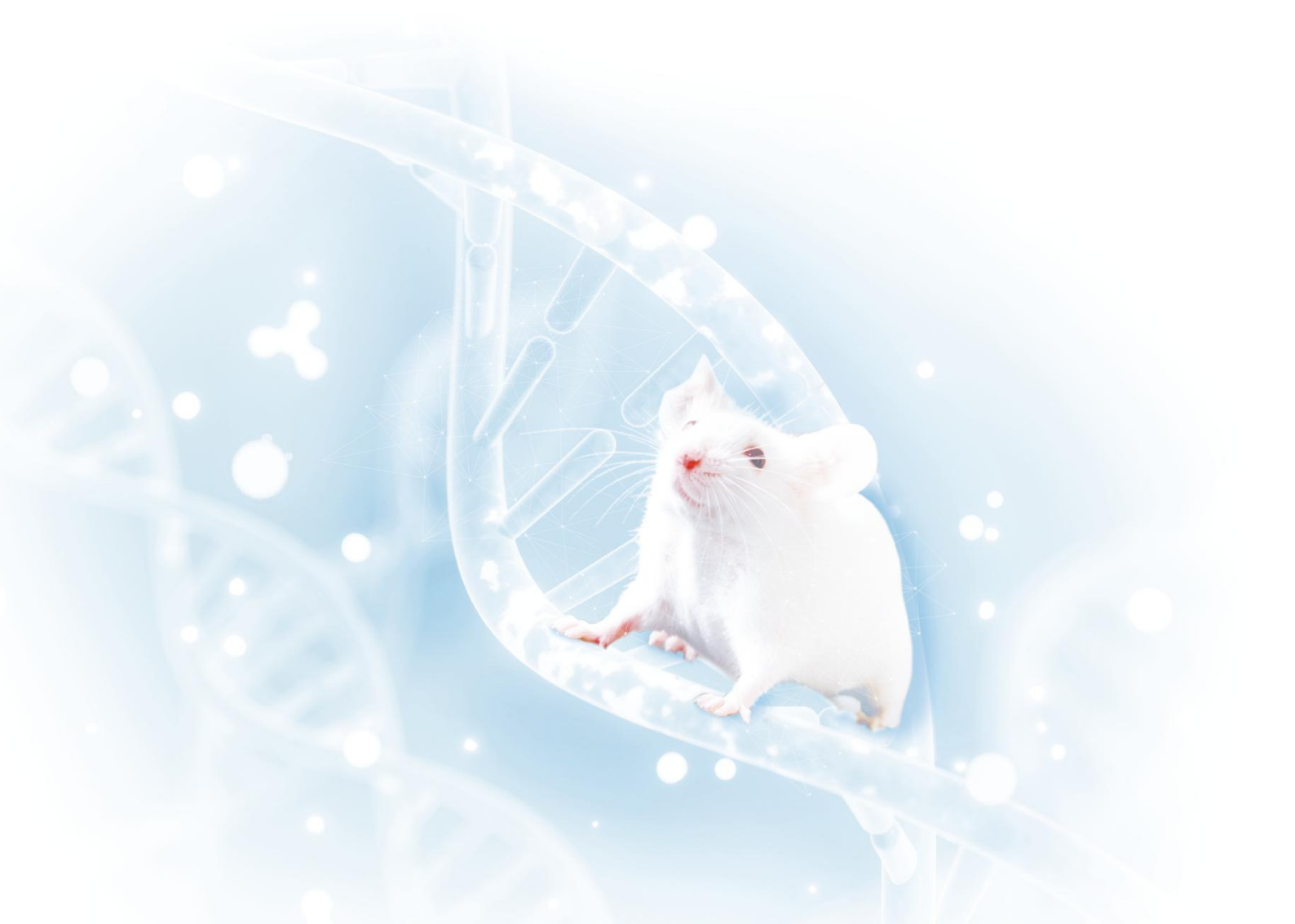
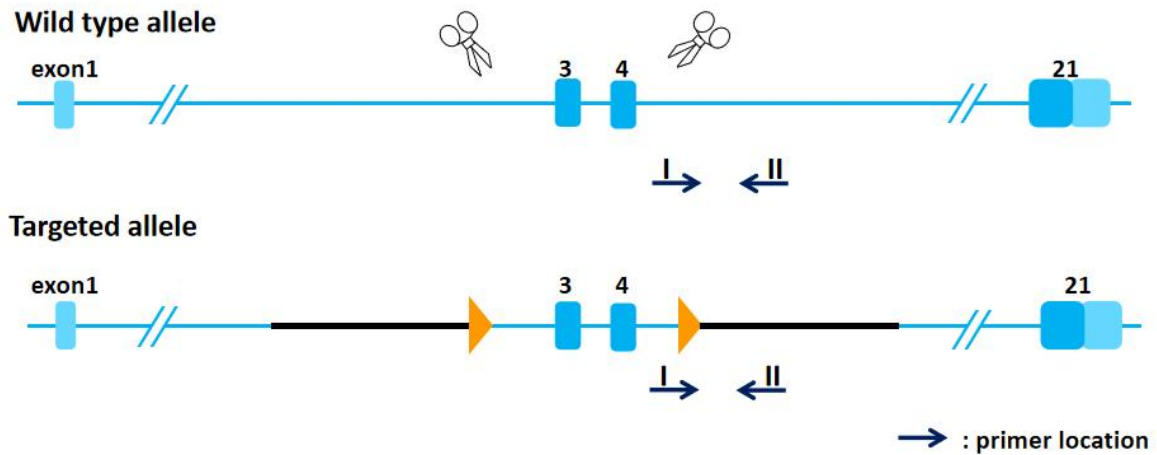


# Aars-Flox Genotyping Protocol



<b>Common Name</b>	Aars-Flox	<b>Cat. NO.</b>	NM-CK0-226339
<b>Strain of Origin</b>	C57BL/6J	<b>Version</b>	V1

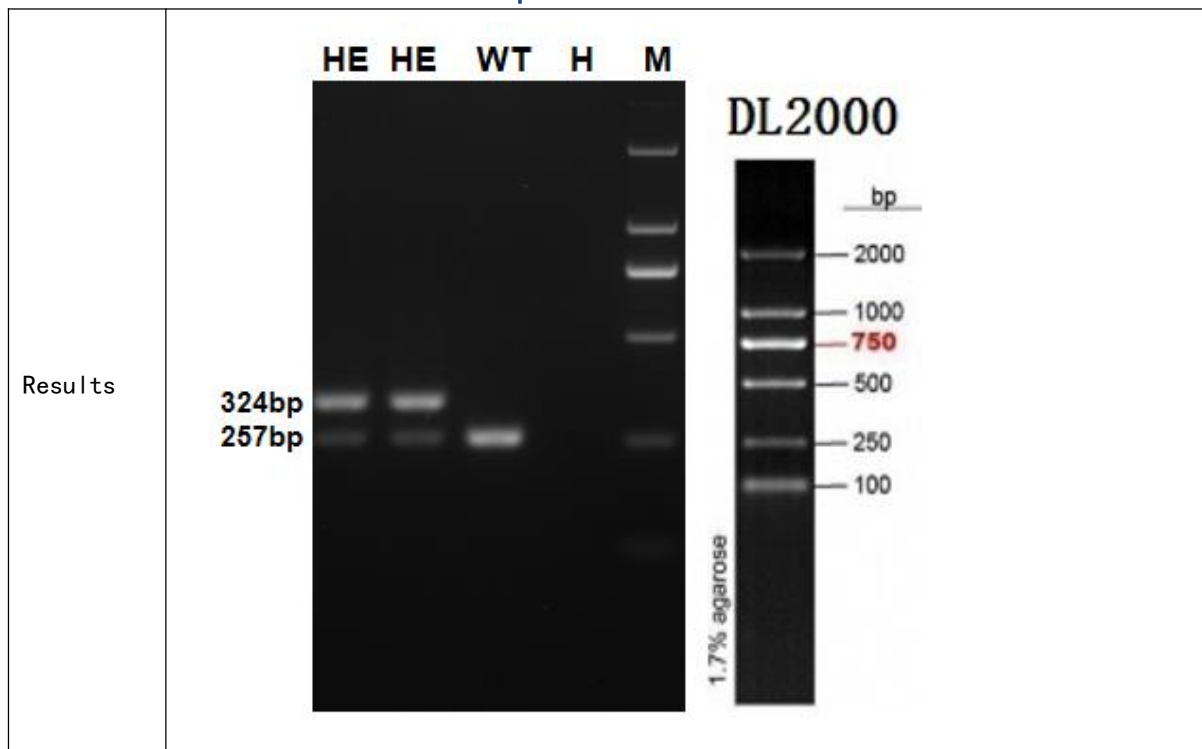
### Genotyping strategy



### Primers

Primer	Sequence (5' → 3' )	Primer type
P1	TGCATGCAGATAGAGCACTCA	Forward
P2	CCTCTCTGCCACCAGGGTAT	Reverse

### Expected results



<b>Genotype</b>	<p>Wild type: P1P2 =257 bp;  Heterozygote: P1P2 =324 bp and 257 bp;  Homozygote: P1P2 =324 bp</p>
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### Reaction &Cycling

PCR Reaction System	Reaction Component		Volume ( $\mu$ l)	
	ddH2O		8.0	
	2 $\times$ Taq Plus Master Mix		10.0	
	P1 (10 pmol/ $\mu$ l)		0.5	
	P2 (10 pmol/ $\mu$ 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	