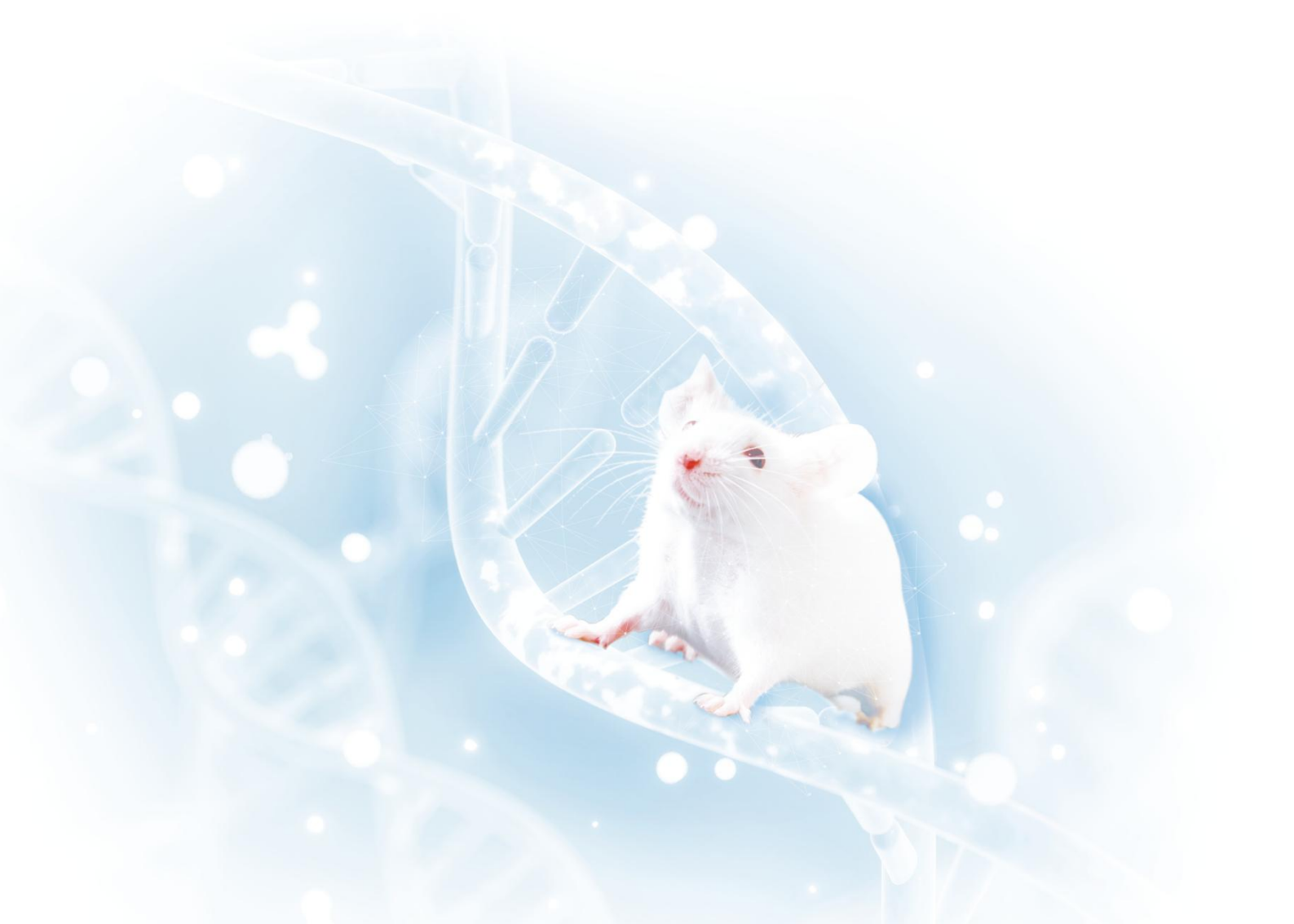


pA1b-hAPOB-Tg(V4) Genotyping Protocol

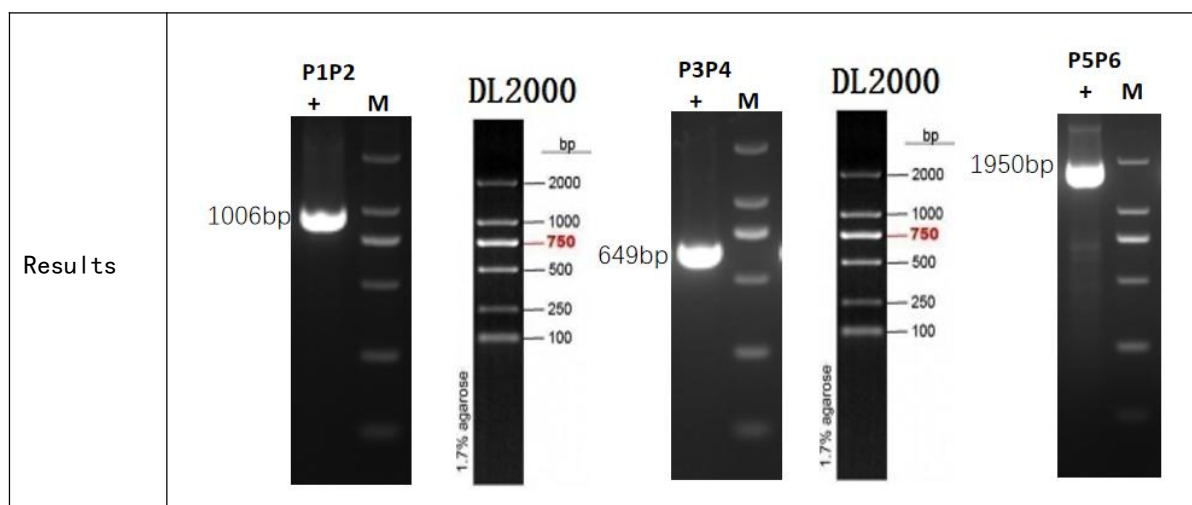


Common Name	pAlb-hAPOB-Tg (V4)	Cat. NO.	NM-TG-235092
Strain of Origin	C57BL/6J	Version	V1

Primers

Primer	Sequence (5' → 3')	Primer type
P1	AGCTGATGCAGAGTGAAGAGTGTGTG	Forward
P2	GACGGTAAAGTGAGTGGAGCAGT	Reverse
P3	CTTTACTTCCCAACTCTCAAGTCA	Forward
P4	CAGCATGCCTGCTATTGTCTTC	Reverse
P5	GCTCAACACAGACATCGCTG	Forward
P6	TCTAGGGTCTCTCGGAATTTG	Reverse

Expected results



Genotype	Positive: P1P2 =1006bp; P3P4 =649bp; P5P6 =1950bp Negative: No band.
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Reaction &Cycling

PCR Reaction System	Reaction Component			Volume (μl)
	ddH2O			8.0
	2×Rapid Taq Master Mix			10.0
	P1(10 pmol/μl) or P3(10 pmol/μl) or P5(10 pmol/μl)			0.5
	P2(10 pmol/μl) or P4(10 pmol/μl) or P6(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	