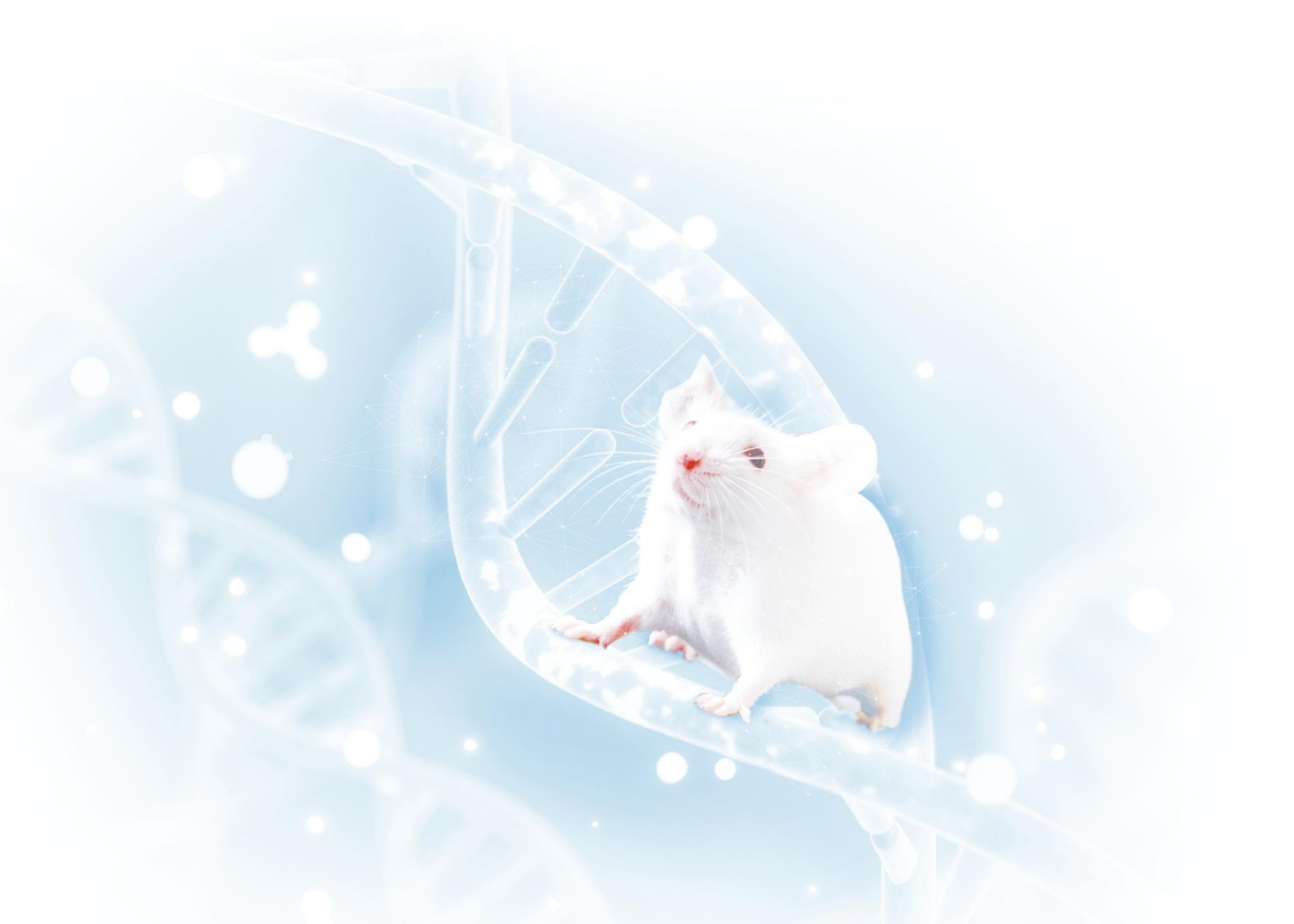


K14-TSLP-Tg(M-NSG) Genotyping Protocol



Common Name	K14-TSLP-Tg(M-NSG)	Cat. NO.	NM-TG-234259
Strain of Origin	M-NSG	Version	V1

Primers

Primer	Sequence (5'→3')	Primer type
P1	TCGAGGTCTTGGATGCCCTA	Forward
P2	TGCTCGAACTTAGCCCCTTT	Reverse

Expected results

Results	488bp P1/P2 + + + WT M DL2000 bp 2000 1000 750 500 250 100 1.7% agarose
Genotype	Positive: P1P2 =488 bp; Negative: No band.

Reaction &Cycling

PCR Reaction System	Reaction Component	Volume (μl)
	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	