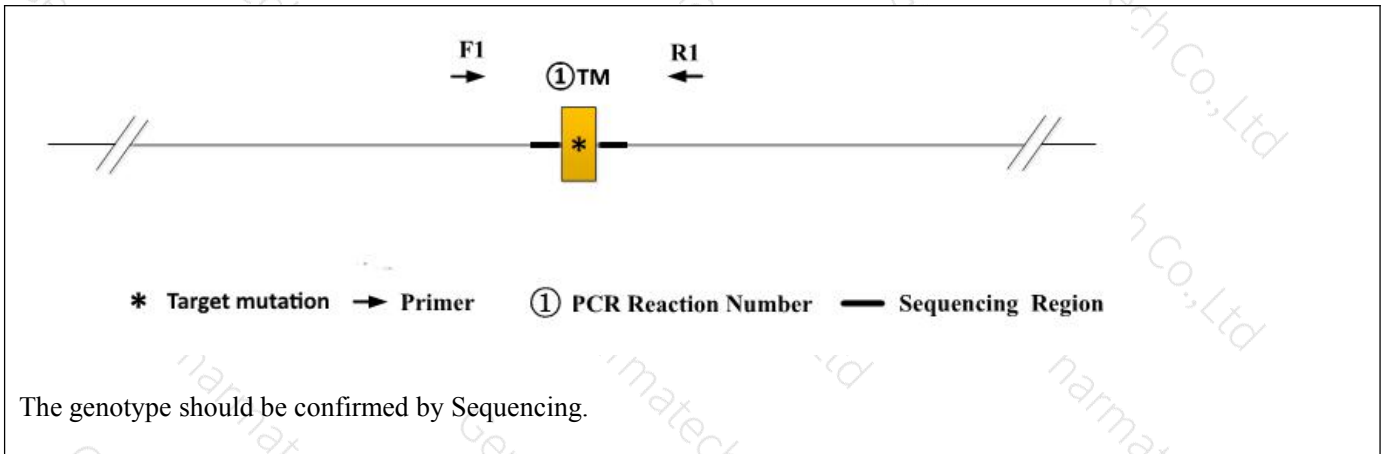


## Genotyping Report

Strain ID	T051135	Strain Type	KI(Cas9)	Genetic Background	C57BL/6JGpt
Designer	Xiaomin Shi	Gene Name	<i>Tsc2-c.1113 delA</i>		

### 1. Strategy of Genotyping



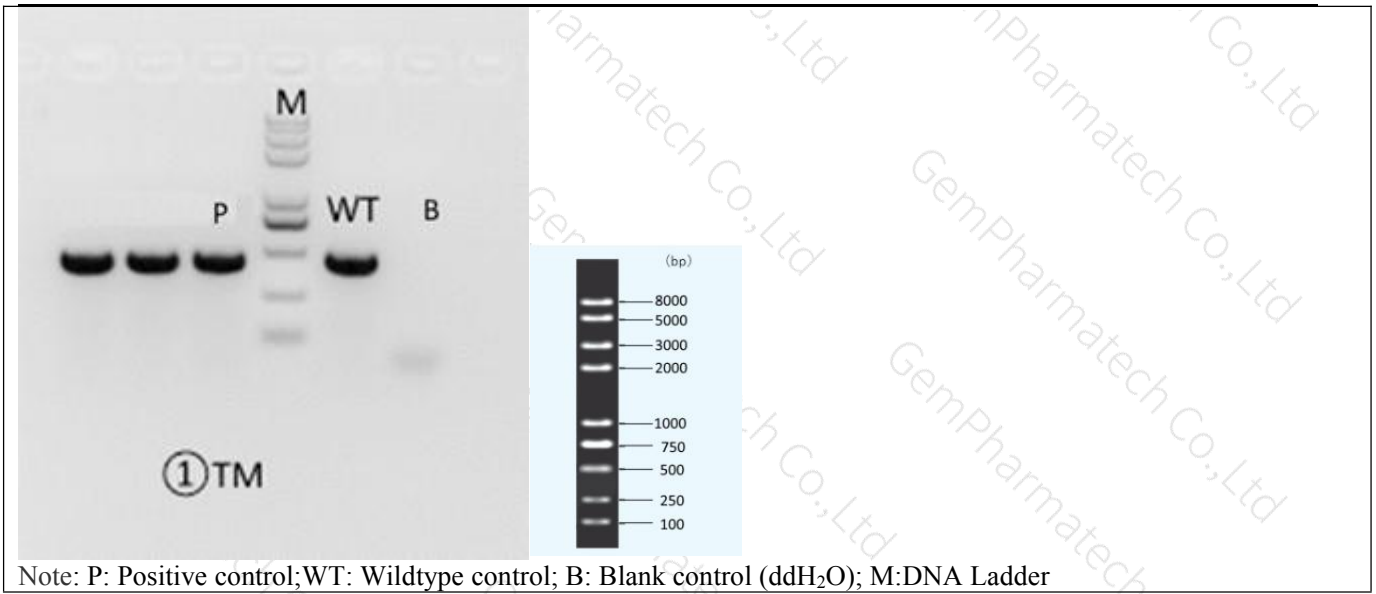
### 2. Primer Information

PCR No.	Primer No.	Sequence	Band Size
①TM	T051135-F1	TCCTCTATGAGGCATAACACTGCC	WT:449bp Targeted:449bp
	T051135-R1	TCACTTGGTCTGCCTTGGACAA	

#### Sequencing:

Primer Name	Sequence	
T051135-R1	TCACTTGGTCTGCCTTGGACAA	

### 3. Gel Image



#### 4. PCR Condition

PCR Reaction Component			
Seg.	reaction component		Volume (μl)
1	2 × Taq Master Mix , Dye Plus, (Vazyme P112-03)		12.5
2	ddH <sub>2</sub> O		9.5
3	Primer A(10pmol/μl)		1
4	Primer B(10pmol/μl)		1
5	Template(≈100ng/μl)		1
PCR program			
Seg.	Temp.	Time	Cycle
1	95 °C	5min	20×
2	98 °C	30s	
3	65 °C (-0.5 °C/cycle)	30s	
4	72 °C	45s	
5	98 °C	30s	20×
6	55 °C	30s	
7	72 °C	45s	
8	72 °C	5min	
9	10 °C	hold	