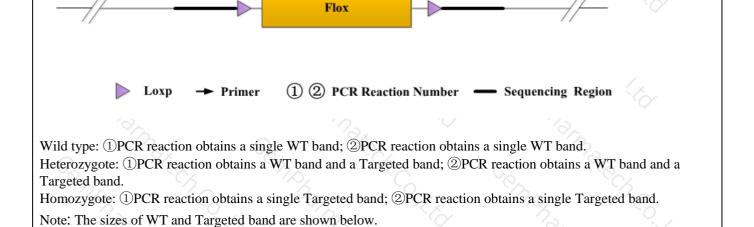


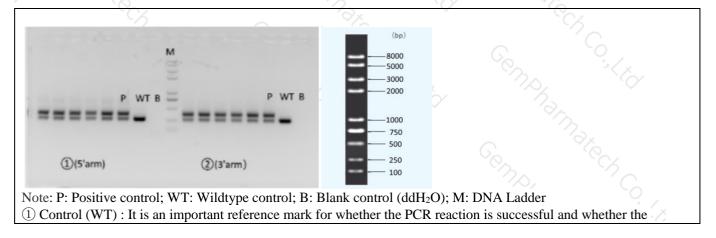
	$\gamma_{2} \sim \gamma_{2}$	Genotyp	ing Report	"The	
Strain ID	T051811	Strain Type	CKO(Cas9)	Genetic Background	C57BL/6JGp
Designer	Ya'nan Xu	Gene Name	· · · · · · · · · · · · · · · · · · ·	Usp27x	Co Co
Strategy of	Genotyping			C ALUS	~< <u>~</u>



2. Primer Information

PCR No.	Primer No.	Sequence	Band Size	
(1)(5'arm)	T051811-F1	CCCATTTAGAATGAAAGAGGTCTCTC	WT: 284bp Targeted:389bp	
	T051811-R1	AGAGCCACCAGCATCTGCTTT		
2)(3'arm)	T051811-F2	GCCTGGAGTCCAAACTGAGATTC	WT: 264bp	
	T051811-R2	TTCATAGCTCAATAGGTCACAAGACAG	– Targeted:370bp	

3. Gel Image & Conclusion





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product band position and size meet the theoretical requirements.

⁽²⁾ Control (B) : PCR amplification was performed without template in the PCR reagent to monitor whether the reagent was contaminated.

4. PCR Condition

PCR Reaction	Component		M. M			
Seg.	reaction co	reaction component				
1^{γ}	2 × Rapid Taq Master Mix (Vazym	2 × Rapid Taq Master Mix (Vazyme P222)				
2 73	ddH2O		9.5			
3	Primer A(10pmol/µl)	. 3/x	1			
1	Primer B(10pmol/μl)	Primer B(10pmol/µl)				
5	Template(≈100ng/µl)	Template(≈100ng/μl)				
PCR program	① priority selection	í Constantino de Cons				
Seg.	Temp.	Time	Cycle			
1	95℃	5min	CULE .			
2 6	98°C	30s	20×			
3 ^N S,	65℃*(-0.5℃/cycle)	30s				
4 7	72°C	45s*				
5	98°C	30s	20×			
5 6	55℃*	30s				
	72°C	45s*				
3	72°C	5min	Dr. Slx			
Ð	10 ℃	hold	() ₂ , (9			
PCR program	② the second choice	Tax Con	2 ² C/			
Seg.	Temp.	Time	Cycle			
1 97	95℃	5min	AND - CA			
2	98°C	30s	35×			
3	58℃*	58℃* 30s				
4	72°C	45s*				
5 7/	72℃	5min				
6	10°C	hold	ngr.			

Note*: Annealing temperature and extension time can be determined according to the actual amplification situation and amplification enzyme efficiency.