

Genotyping Report

Strain ID	T015241	Strain Type	CKO(Cas9)	Genetic Background	C57BL/6JGpt
Designer	Ya'nan Xu	Gene Name	<i>Klhl15</i>		

1. Strategy of Genotyping



Wild type: ①PCR reaction obtains a single WT band; ②PCR reaction obtains a single WT band.

Heterozygote: ①PCR reaction obtains a WT band and a Targeted band; ②PCR reaction obtains a WT band and a Targeted band.

Homozygote: ①PCR reaction obtains a single Targeted band; ②PCR reaction obtains a single Targeted band.

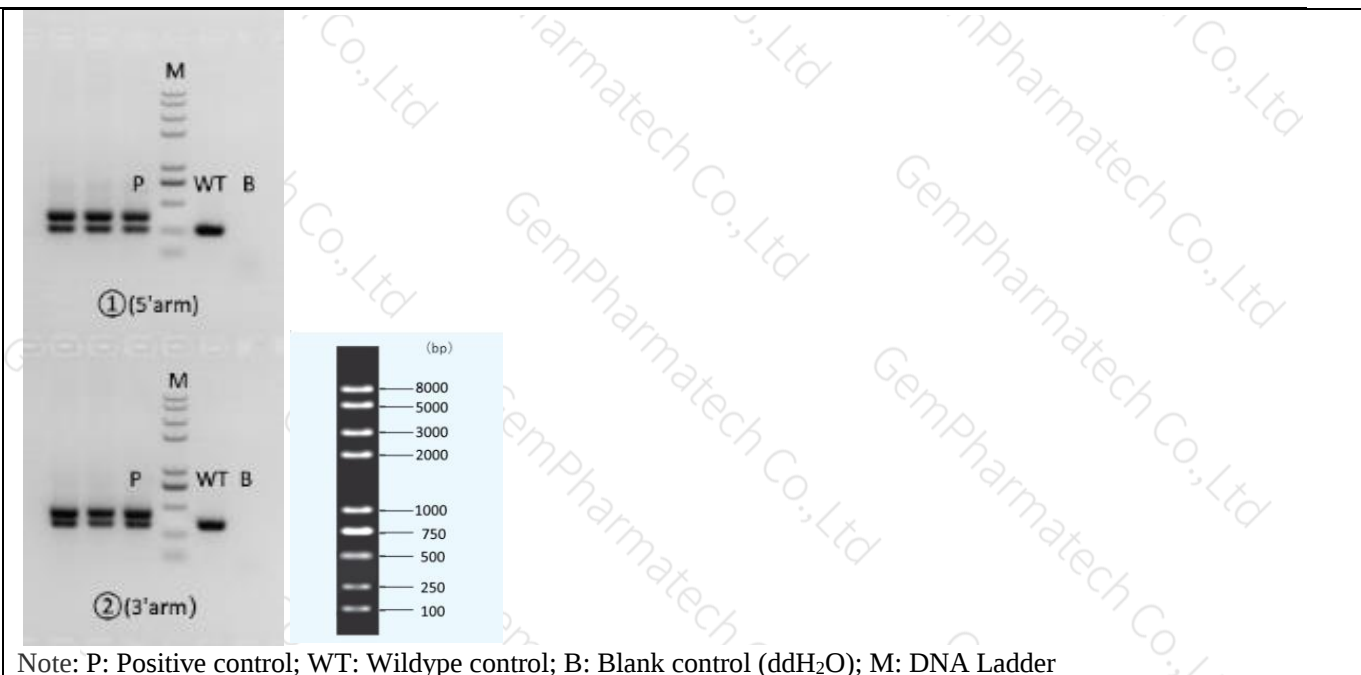
Note: The sizes of WT and Targeted band are shown below.

2. Primer Information

PCR No.	Primer No.	Sequence	Band Size
①(5'arm)	T015241-F1	CCTTCTCTCCATTCTCCAACC	WT: 253bp Targeted:355bp
	T015241-R1	AATGCCTAGAAATTCATCCCAAAGAA	
②(3'arm)	T015241-F2	AAGGTCCAGAATAGCCAGGGCTA	WT: 333bp Targeted:436bp
	T015241-R2	GTGAGCTGCCATTTGAGTGCTG	

3. Gel Image & Conclusion

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4. PCR Condition

