

BRC_No 01254

Strain name Cnot7 ノックアウトマウス

Primer

	primer_name	primer_seq	length
1	Cnot7K05'	CTCCACATCTAGACTCCTTGTGCTG	25
2	Cnot7K03'	CATCTCTTCATCCAGGTTACAAGCC	25
3	LacZ-2	TGCGCAACTGTTGGGAAGGGCGATC	25

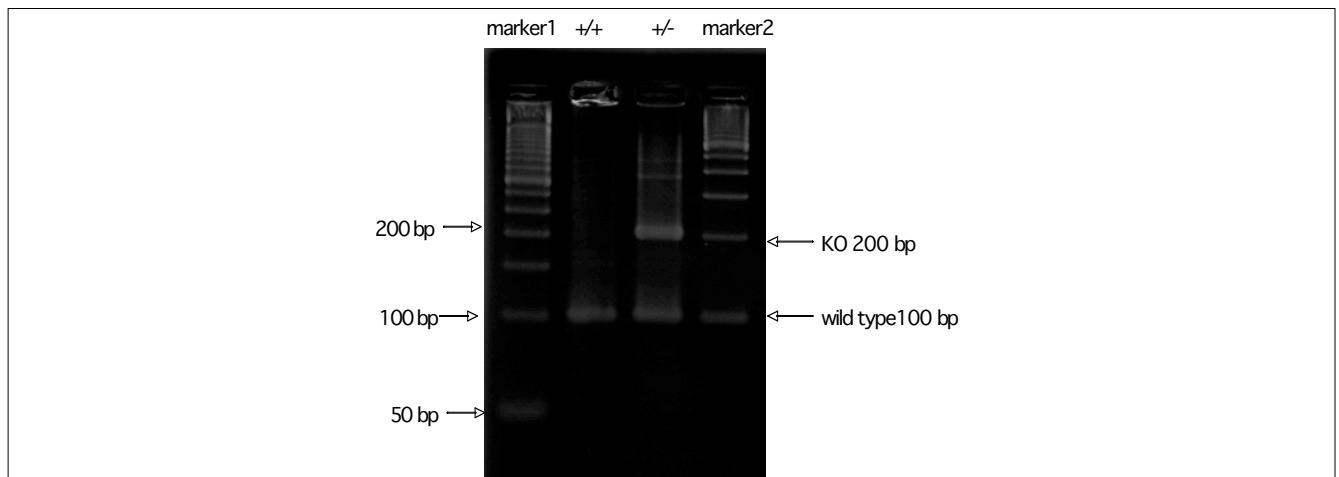
Reaction Components

Enzyme TaKaRa Ex Taq

	Conc	Run 1	Run 2	Run 3
H2O		15.8		
PCR buffer	10 X	2.5		
dNTP	2.5 mM	2.0		
primer 1	10 pmol/μl	1.5		
primer 2	10 pmol/μl	1.0		
primer 3	10 pmol/μl	1.0		
DNA		1.0		
Taq		0.2		
total		25		

Reaction Conditions

step	temp (°C)	time (sec)	note
1	94	300	
2	94	45*	
3	60	45*	
4	72	60*	*Repeat for 35 cycles
5	72	300	



Marker

marker 1: 50 bp ladder (Invitrogen, Cat. 10416-014),
 marker 2: 100 bp ladder (Invitrogen, Cat. 15628-050)

Gel

4% Nusieve in 0.5 X TBE (100 V,
 45 min)

PCR products

primer_set	product_size	product
primer 1 primer 3	200 bp	KO
primer 1 primer 2	100 bp	wild

Comment