

BRC_No 00752

Strain name CD40 Knockout mice

Primer

	primer_name	primer_seq	length
1	40KOSU	CCCATTTCTCCCTCTTCCTTGATAC	25
2	40KOSL	CTGATTCTGCGGTGCCCTCCTTCTT	25

Reaction Components

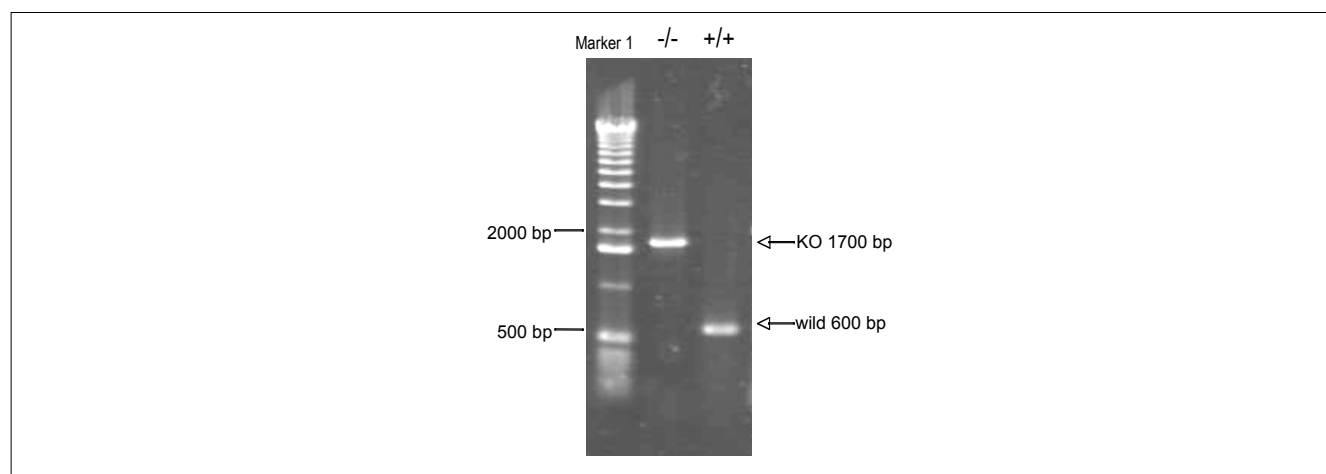
Enzyme TaKaRa LA Taq with GC buffer (Cat. No. RR02AG)

Reaction Conditions

	Conc	Run 1	Run 2	Run 3
H2O		4.8		
PCR buffer	2 X	10		
dNTP	2.5 mM	2.0		
primer 1	10 pmol/ μ l	1.0		
primer 2	10 pmol/ μ l	1.0		
DNA		1.0		
Taq		0.2		
total		20		

step	temp (°C)	time (sec)	note
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1	94	180	
2	94	30*	
3	55	30*	
4	72	90*	* Repeat for 30 cycles
5	72	300	



Marker

1 kb DNA ladder (Invitrogen, Cat. 15615-024)

Gel

1% agarose in 1 X TAE (100 V, 30 min)

PCR products

primer_set	product_size	product
primer 1 primer 2	1700 bp	KO
primer 1 primer 2	600 bp	wild

Comment