

BRC_No 00916

Strain name IRF-9遺伝子欠損マウス、C57BL/6J

Primer			
	primer_name	primer_seq	length
1	ISGF3g	TCAATGTTCCGATGTGGCAGTTCAAAGGATC	31
2	E3g	TATCGAATACTGCCAGCAGGAACCC	25
3	Neo p48	TCCTGCTTTACGCTATCGCCGCTCCCGATT	30

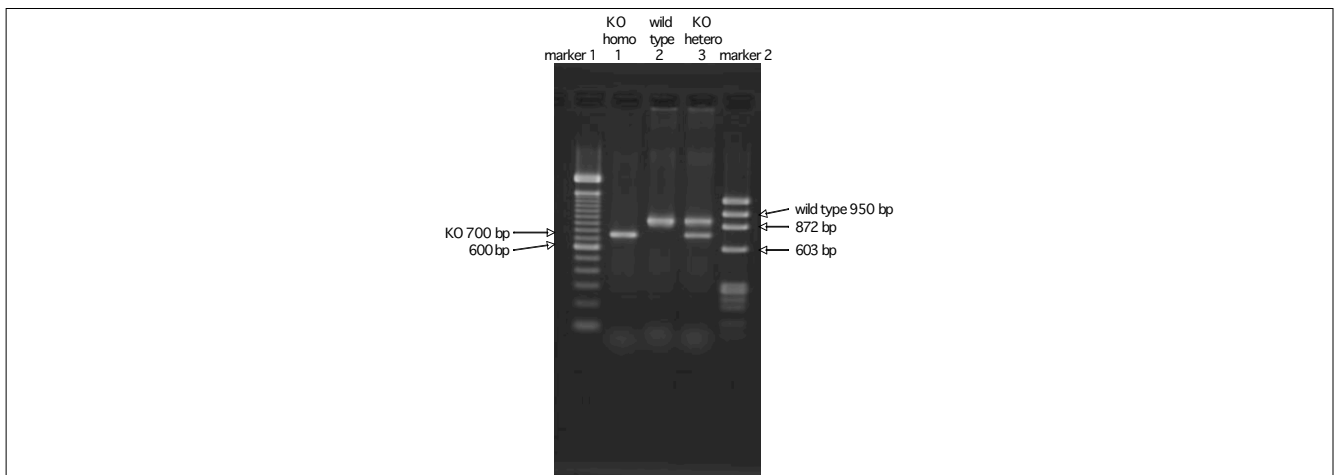
Reaction Components

Enzyme

Reaction Conditions

	Conc	Run 1	Run 2	Run 3
H2O		16.3		
PCR buffer	10 X	2.5		
dNTP	2.5 mM	2.0		
primer 1	10 pmol/μl	1.0		
primer 2	10 pmol/μl	1.0		
primer 3	10 pmol/μl	1.0		
DNA		1.0		
Taq		0.2		
total		25		

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	60	30*	
4	72	90*	Repeat for 32 cycles
5	72	300	



Marker

marker 1: 100 bp ladder (Invitrogen, Cat. 15628-050), marker 2: φX174 Hae III

Gel

2% agarose in 1 X TAE (100 V, 30 min)

Comment

PCR products

primer_set	product_size	product
primer 1 / primer 3	700 bp	KO
primer 1 / primer 2	950 bp	wild