

BRC\_No 01388

Strain name Keap1 ノックアウトマウス

Primer			
	primer_name	primer_seq	length
1	d132	CGGGATCCCCATGGAAAGGCTTATTGAGTTC	31
2	TVneo	TCAGAGCAGCCGATTGTCTGTTGTGCCAGTCAT	34
3	intR	CAGTTTTCTCCAGCCTGTC	20

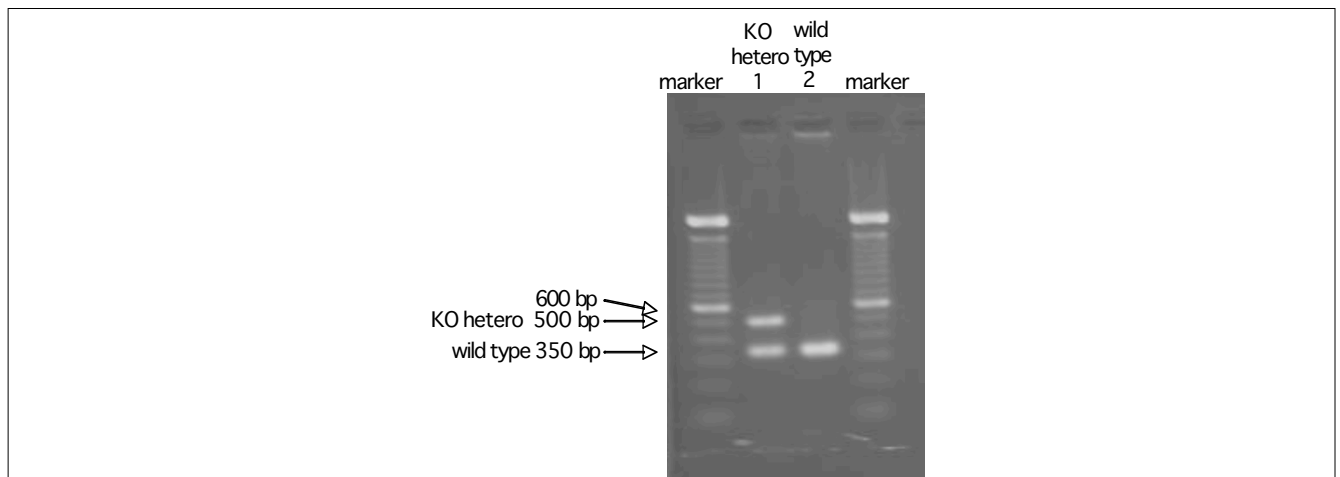
### Reaction Components

Enzyme TaKaRa Ex Taq

	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/ $\mu$ l	1.0		
primer 2	10 pmol/ $\mu$ l	1.0		
primer 3	10 pmol/ $\mu$ l	1.0		
DNA		1.0		
Taq		0.2		
<b>total</b>		<b>25</b>		

### Reaction Conditions

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



### Marker

100 bp ladder (Invitrogen, Cat. 15628-050)

### Gel

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

### PCR products

primer_set		product_size	product
primer 1	primer 3	350 bp	wild
primer 2	primer 3	500 bp	KO

### Comment