

BRC_No 01306

Strain name HB-EGF ノックアウトマウス(BL6)(HBdel#80/B6)

Primer			
	primer_name	primer_seq	length
1	Neo-1	ATGGGATCGGCCATTGAACA	20
2	Neo-2	GAAGAACTCGTCAAGAAGGC	20
3	HBint1	AGGGCAAGATCATGTGTCCTGCCTCAAGCC	30
4	5-5S2	CATGATGCTCCAGTGAGTAGGCTCTGATTAC	31

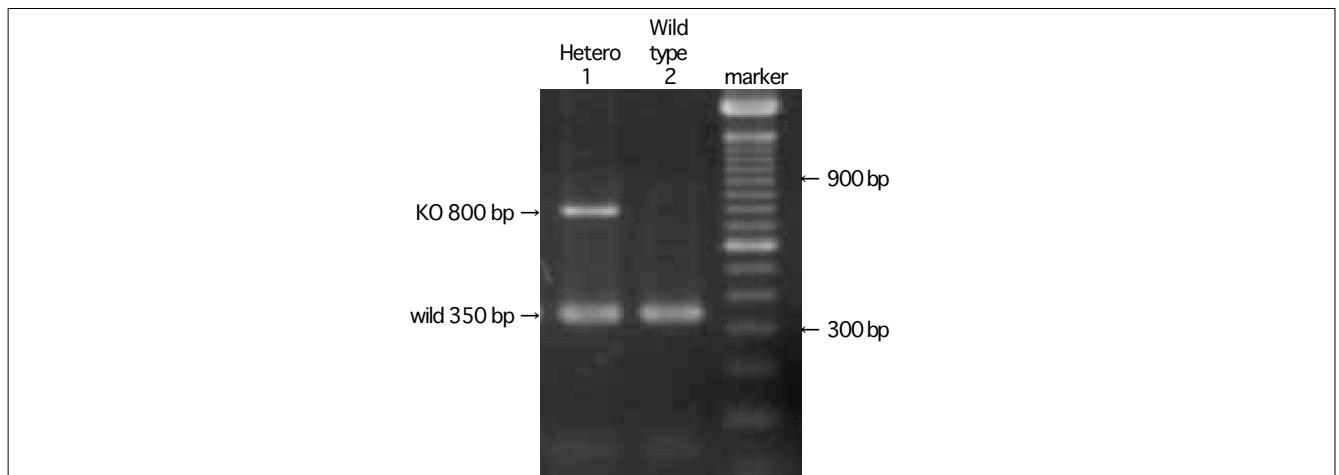
Reaction Components

Enzyme TaKaRa Ex Taq

Reaction Conditions

	Conc	Run 1	Run 2	Run 3
H2O		15.3		
PCR buffer	10 X	2.5		
dNTP	2.5 mM	2.0		
primer 1	10 pmol/ μ l	1.0		
primer 2	10 pmol/ μ l	1.0		
primer 3	10 pmol/ μ l	1.0		
primer 4	10 pmol/ μ l	1.0		
DNA		1.0		
Taq		0.2		
total		25		

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	57	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	800 bp	KO
primer 3	350 bp	wild

Comment