

BRC_No 00301

Strain name RKO-2

Primer			
	primer_name	primer_seq	length
1	LCB1070 (R4)	CTCTGGCGAATGGCTTTACTTTAG	24
2	LCB1071 (R6)	GGGAAACTGAGTCAGATACTTTCTTCC	27

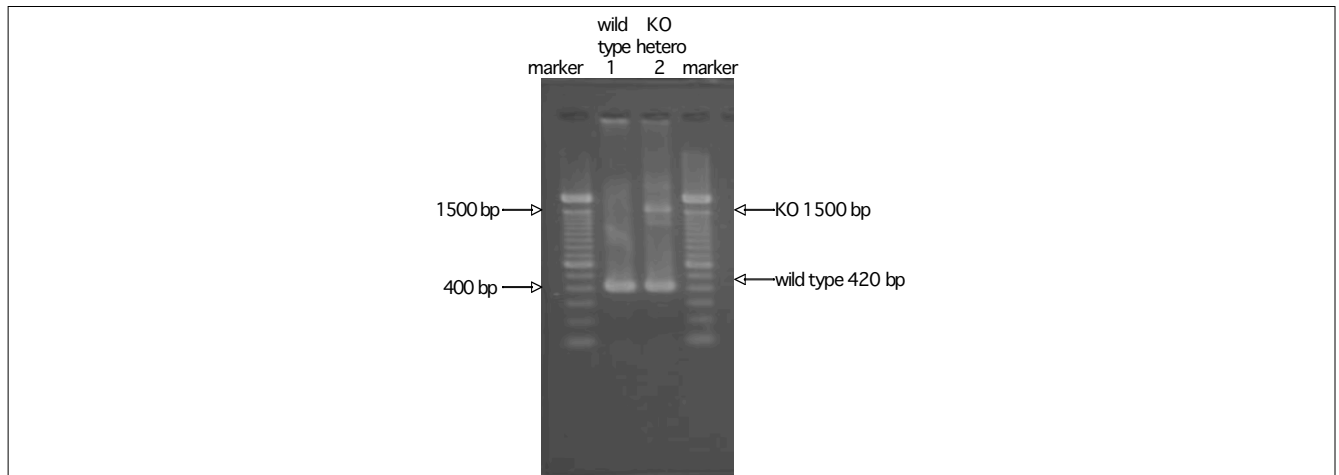
Reaction Components

Enzyme TaKaRa LA Taq

Conc	Run 1	Run 2	Run 3
H2O	4.8		
PCR buffer 2 X	10.0		
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		

Reaction Conditions

step	temp (°C)	time (sec)	note
1	94	300	
2	94	60*	
3	60	60*	
4	72	120*	*Repeat for 38 cycles
5	72	300	



Marker

100 bp DNA Ladder (TOYOBO, Cat. DNA-030)

Gel

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

PCR products

primer_set	product_size	product
primer 1 primer 2	1500 bp	KO
primer 1 primer 2	420 bp	wild

Comment