

BRC_No 01491

Strain name NLRR4-KO(B6)

Primer			
	primer_name	primer_seq	length
1	WTS	TACggACTCTCTCTgTgTAggACTCCC	27
2	WTAS	AggTTgTgACTgAggTCgAgCTCAC	25
3	NLRR4KOS	gCTgTgCTCgACgTTgTCACTgAAg	25
4	NLRR4KOAS	ATACCgTAAAgCACgAggAAgCggTC	26

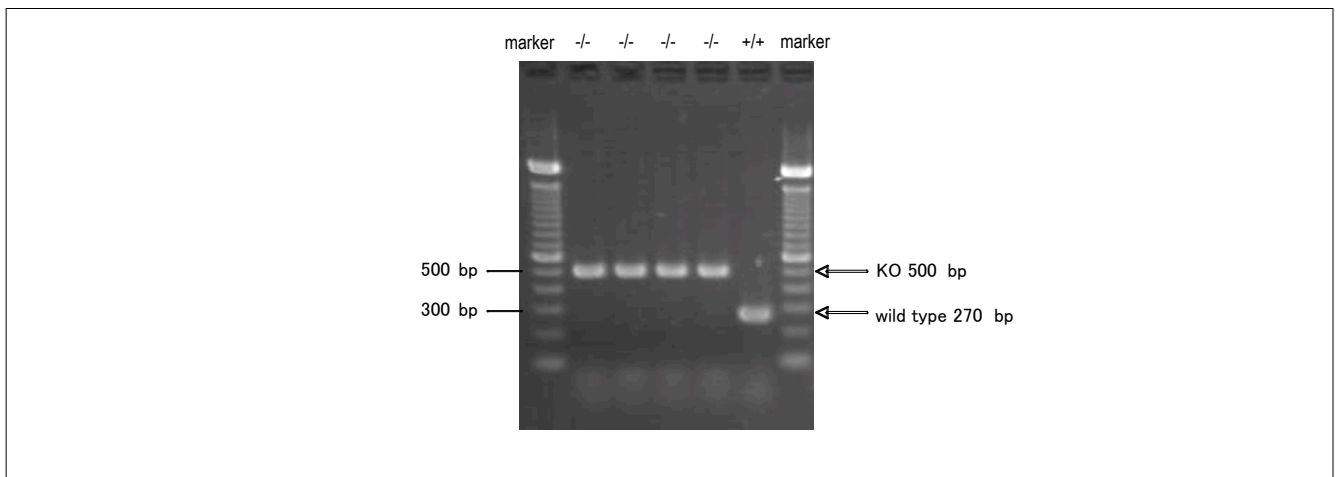
Reaction Components

Enzyme Roche Taq (Cat. No. BM1418432)

	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/μl	1.0		
primer 2	10 pmol/μl	1.0		
primer 3	10 pmol/μl	1.0		
primer 4	10 pmol/μl	1.0		
DNA		1.0		
Taq		0.2		
total		25		

Reaction Conditions

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	60	30*	
4	72	60*	*Repeat for 35 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 2	270 bp	wild
primer 3 primer 4	500 bp	KO

Comment