

PCR protocol

RBRC 01172 Strain name Schnurri-1(Shn-1) Knockout mice -B6

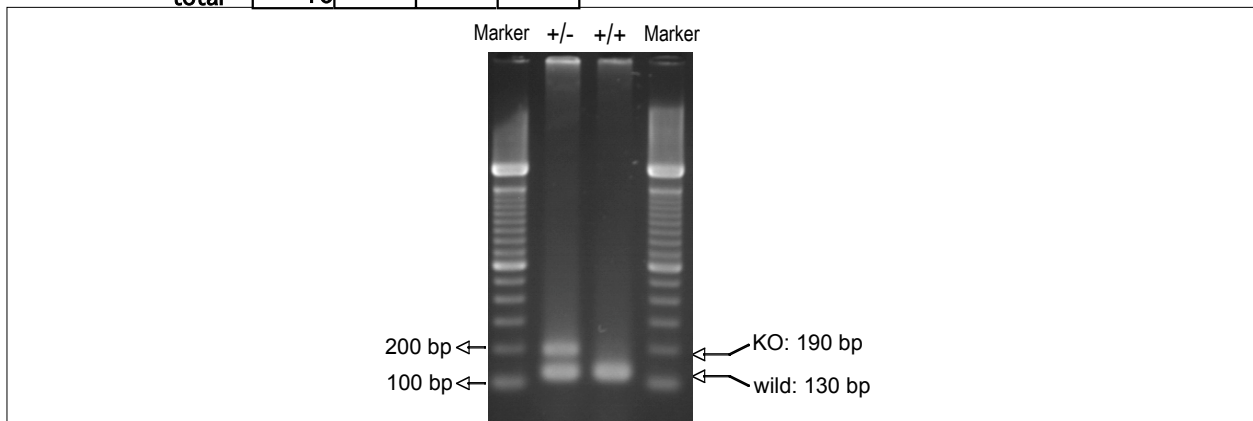
Primer	primer_name	primer_seq	length
1	Neoter B	AAGAAGGGTGAGAACAGAGTACC	23
2	EPI A	AACAGAAGTCTTAGAGGCTGGCG	23
3	EPI B	GGATTCTCAGGGGGGATTTTGG	23

Reaction Components

 Enzyme QIAGEN Multiplex PCR Kit (Cat. No. 206143)
Reaction Conditions

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		1.0			
PCR buffer	2 X	5.0			
primer 1	10 pmol/ μ l	1.0			
primer 2	10 pmol/ μ l	1.0			
primer 3	10 pmol/ μ l	1.0			
DNA		1.0			
total		10			

step	temp (°C)	time (sec)	note
1	95	900	
2	94	30*	
3	60	90*	
4	72	60*	*Repeat for 30 cycles
5	60	1800	



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

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

PCR products		product_size	product
primer_1	primer_2		
primer 1	primer 2	190 bp	KO
primer 2	primer 3	130 bp	WT

Comment