

RBRC 01171 **Strain name** Schnurri-2(Shn-2) Knockout mice -BALB/c

Primer	primer_name	primer_seq	length	
1	EP2H	AACCACAGATAGATCCTGAGCAG	23	Depositor's primer
2	Neoter B	AAGAAGGGTGAGAACAGAGTACC	23	Depositor's primer
3	R124	GACAGTCTCAGCGCAAGTTTCTG	23	Depositor's primer

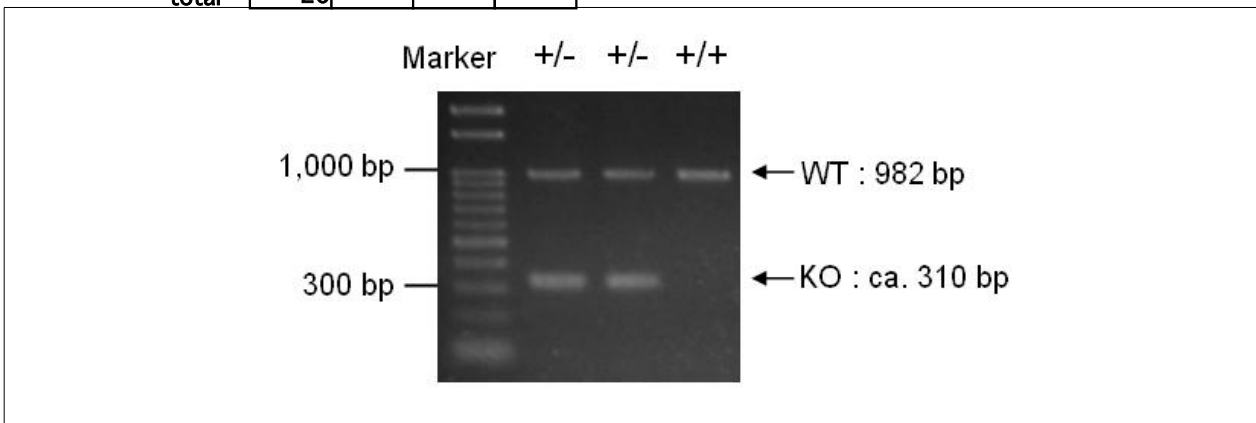
Reaction Components

Enzyme TOYOBO KOD FX (Code.No : KFX-101)

Reaction Conditions

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		1.8			
PCR buffer	2 X	10.0			
dNTP	2 mM	4.0			
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		0.2			
Taq		1.0			
total		20			

step	temp (°C)	time (sec)	note
1	94	120	
2	98	10*	
3	68	60*	*Repeat for 30 cycles



Marker
 Gene Ladder 100 (Wako, Cat. 316-06951)

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

PCR products

	primer_set	product_size	product
primer 1	primer 2	ca. 310 bp	KO
primer 1	primer 3	982 bp	WT

Comment Novagen KOD Xtreme™ Hot Start DNA Polymerase can be purchased from EMD.