

RBRC 01897 Strain name Floxed Sox2 mice

Primer	primer_name	primer_seq	length	
1	01897	ATCCACCCTTATGTATCCAAGAGAGAG	27	RIKEN BRC
2	01897	GATCTTGGTGGCTGAACAGTTATCC	25	RIKEN BRC
3	RP162	CCTTCACGACATTCAACAGACCTTGCATT	29	Depositor's primer

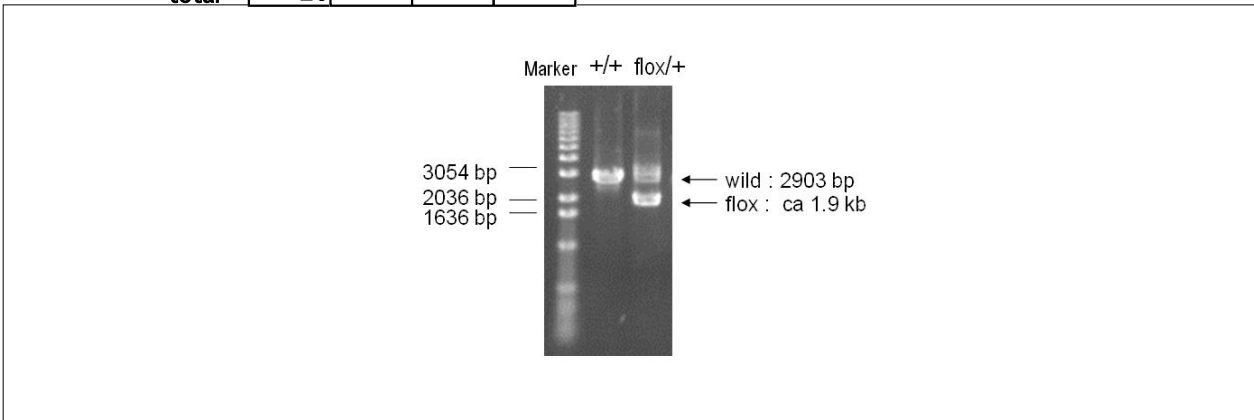
Reaction Components

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

Reaction Conditions

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		0.6			
PCR buffer	2 X	10.0			
dNTP	2.5 mM	4.0			
primer 1	10 pmol/μl	1.0			
primer 2	10 pmol/μl	2.0			
primer 3	10 pmol/μl	1.0			
DNA		1.0			
Taq		0.4			
total		20			

step	temp (°C)	time (sec)	note
1	94	120	
2	98	10*	
3	60	30*	*Repeat for 30 cycles
4	68	180*	



Marker
 1 kb DNA ladder (Invitrogen, Cat. 15615-024)

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

PCR products			
	primer_set	product_size	product
primer 1	primer 2	2903 bp	WT
primer 1	primer 3	ca 1.9 kb	flox

Comment