

PCR protocol

RBRC 02435

Strain name B6.Cg-Srpx<tm1Hzi>

Primer	primer_name	primer_seq	length	
1	p1-2-21	GGAAGTGCTCCTGCAAAGCTT	21	Depositor's primer
2	pLA5-1	AGGGAGGCCACAGAAGGGTCC	21	Depositor's primer

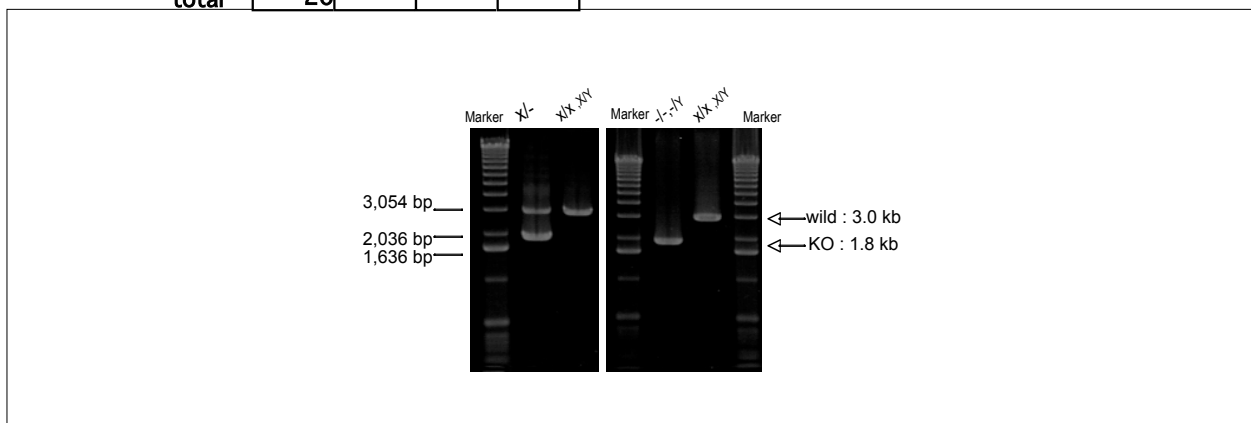
Reaction Components

Enzyme	TaKaRa LA Taq with GC buffer (Cat. No. RR02AG)
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Reaction Conditions

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		4.8			
PCR buffer	2 X GC I	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			

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	60	30*	
4	72	180*	*Repeat for 30 cycles
5	72	300	



Marker	PCR products		
	primer_set	product_size	product
1 kb DNA ladder (Invitrogen, Cat. 15615-024)	primer 1	3.0 kb	WT
Gel	primer 1	1.8 kb	KO

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

Comment