

PCR protocol

RBRC 02293

Strain name B6.129P2-p130Cas<tm1Homy>

Primer	primer_name	primer_seq	length	
1	Cas15	AAAGATTGACTGGGGTCAACTCCACTTTGC	30	Depositor's primer
2	Cas20	CTATCAGGCCCTGAGAGAGACTGTCTTGTA	30	Depositor's primer

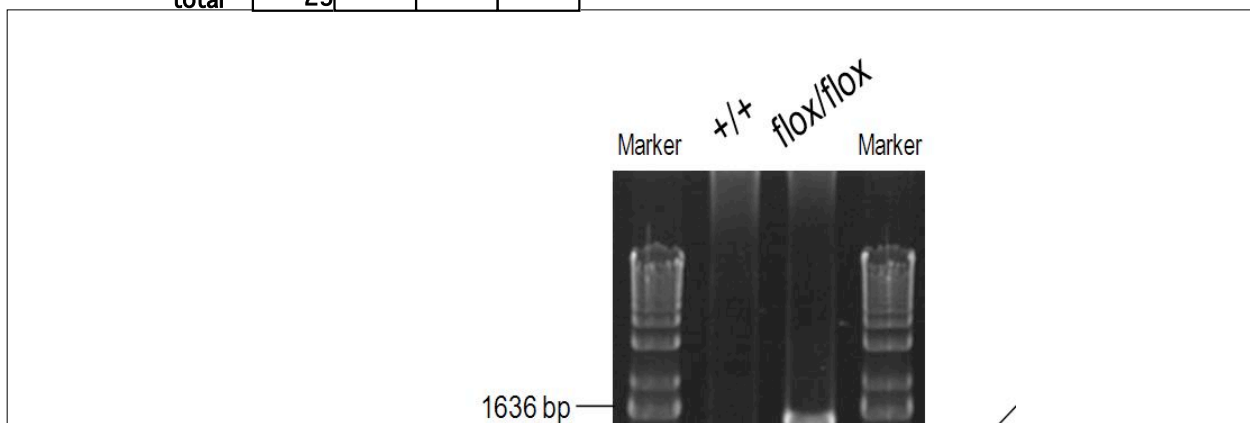
Reaction Components

Enzyme TaKaRa Ex Taq (Cat. No. RR001A)

Reaction Conditions

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	60	30*	
4	72	90*	*Repeat for 30 cycles
5	72	300	

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		17.3			
PCR buffer	10 X	2.5			
dNTP	2.5 mM	2.0			
primer 1	10 pmol/μ	1.0			
primer 2	10 pmol/μ	1.0			
DNA		1.0			
Taq		0.2			
total		25			



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

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

PCR products		product_size	product
primer 1	primer 2		
primer 1	primer 2	1179 bp	WT
primer 1	primer 2	1451 bp	flox

Comment