

RBRC 01689

Strain name Pcdhg EN130

Primer	primer_name	primer_seq	length	
1	Forward primer	CACTCACAGAAACCACCATG	20	Depositor's primer
2	Reverse primer	CAAAGGAACAGTGGGAAGCTC	20	Depositor's primer
3	Neo	CTCGTGCTTTACGGTATCGCC	21	Depositor's primer

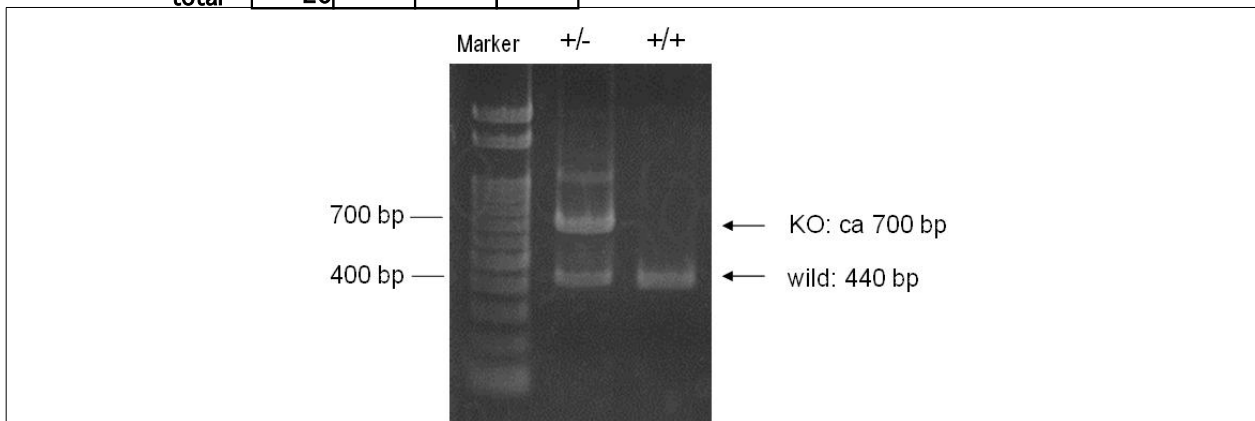
### Reaction Components

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

### Reaction Conditions

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		3.9			
PCR buffer	2 X GC I	10.0			
dNTP	2.5 mM	2.0			
primer 1	10 pmol/ $\mu$ l	1.0			
primer 2	10 pmol/ $\mu$ l	1.0			
primer 3	10 pmol/ $\mu$ l	1.0			
DNA		1.0			
Taq		0.1			
<b>total</b>		<b>20</b>			

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



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

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

PCR products			
primer_set	primer_1	primer_2	product
primer 1	primer 2	440 bp	WT
primer 2	primer 3	ca 700 bp	KO

Comment