

RBRC 03141

Strain name Pcdha-HS5-1

Primer	primer_name	primer_seq	length	
1	HS5-1A	CACTGGCTGCTTCCAGATTTG	21	Depositor's primer
2	HS5-1B	GGAATATCTCCTCTGCATGTGAGC	24	Depositor's primer
3	HS5-1C	GGTGGATGTGGAATGTGTGCG	21	Depositor's primer

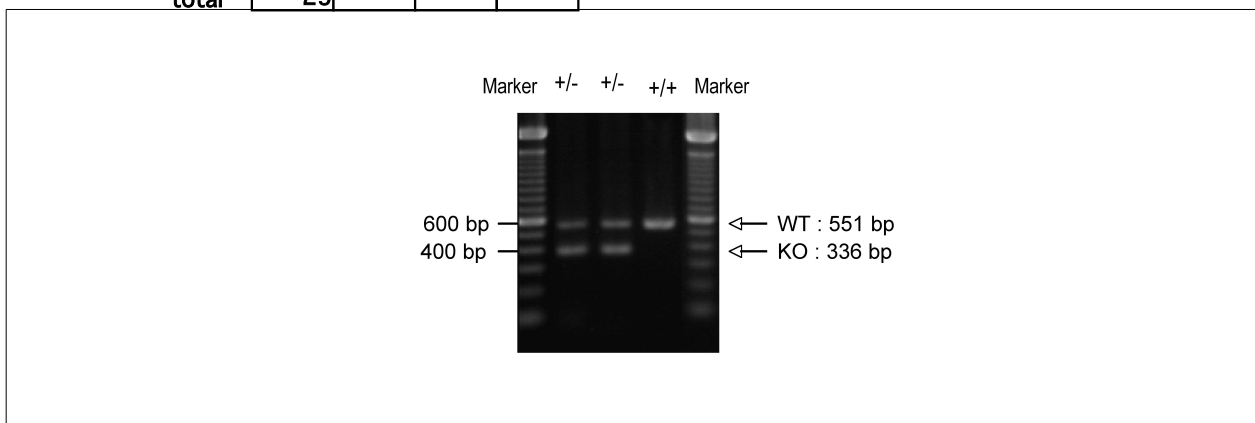
Reaction Components

Enzyme TaKaRa Ex Taq (Cat. No. RR001A)

Reaction Conditions

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		16.3			
PCR buffer	10 X	2.5			
dNTP	2.5 mM	2.0			
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		1.0			
Taq		0.2			
total		25			

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
100 bp ladder (Invitrogen, Cat. 15628-050)

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

PCR products

primer_set	product_size	product
primer 1	551 bp	WT
primer 1	336 bp	KO

Comment