

RBRC 03140

Strain name Delta Pcdh abg

Primer	primer_name	primer_seq	length	
1	v1up 300 F	GCTTATTTGCTAGAACGTCC	20	Depositor's primer
2	v1up 0 R	CGGAGCCTGGAAAACAGCAT	20	Depositor's primer
3	HSprobe2R	TTTGGTGCATCCATTTGGAGTGTGG	25	Depositor's primer

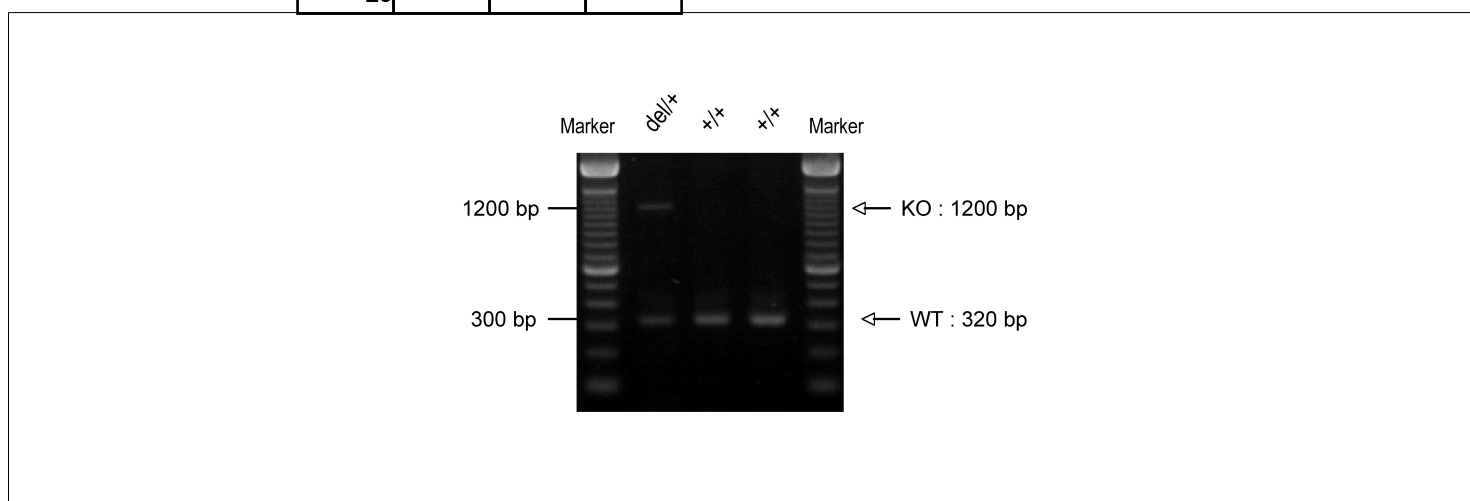
Reaction Components

Enzyme

Reaction Conditions

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

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		3.8			
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			
primer 3	10 pmol/ μ l	1.0			
DNA		1.0			
Taq	5U/ μ l	0.2			
total		20			



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	primer 2	320 bp	WT
primer 1	primer 3	1200 bp	KO

Comment