

RBRC 02799

Strain name B6;TT2-Pcdha-dup(2-10)

Primer	primer_name	primer_seq	length	
1	G16-R	CCAATTAATATTTGAGATTCATCCCC	26	Depositor's primer
2	G16-F	GGCTATCCTGTGCTACAGAAC	21	Depositor's primer
3	HcRedF4	TGCTGAAGGAGAGATATGCGC	20	Depositor's primer

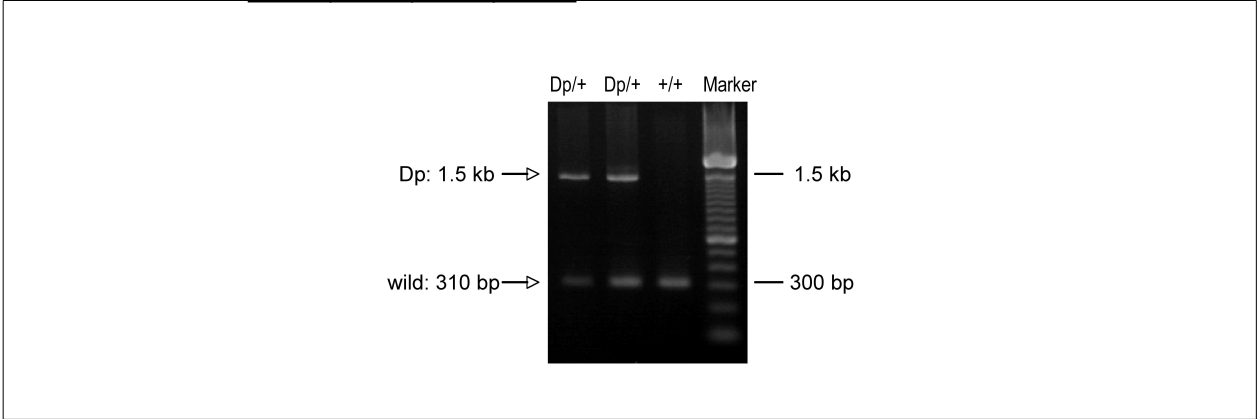
**Reaction Components**

**Enzyme** TaKaRa Ex Taq (Cat. No. RR001A)

Conc	Run 1	Run 2	Run 3	Run 4
H2O	16.3			
PCR buffer	2.5			
dNTP	2.0			
primer 1	1.0			
primer 2	1.0			
primer 3	1.0			
DNA	1.0			
Taq	0.2			
<b>total</b>	<b>25</b>			

**Reaction Conditions**

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	57	30*	
4	72	120*	*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 primer 2	310 bp	WT
primer 1 primer 3	1.5 kb	Dp

**Comment**