

RBRC 04821

Strain name Delta Taf7 Pcdhg

Primer	primer_name	primer_seq	length	
1	B22-FWt	GCTCCTGATTGAATTTGCC	19	Depositor's primer
2	B22-R	TGATGTGGGTCTGGTTTCC	19	Depositor's primer
3	HSprobe2R	TTTGGTGCATCCATTTGGAGTGTGG	25	Depositor's primer
4	B22-Fneo	CCGCTTCCTCGTGCTTTAC	19	Depositor's primer

Reaction Components

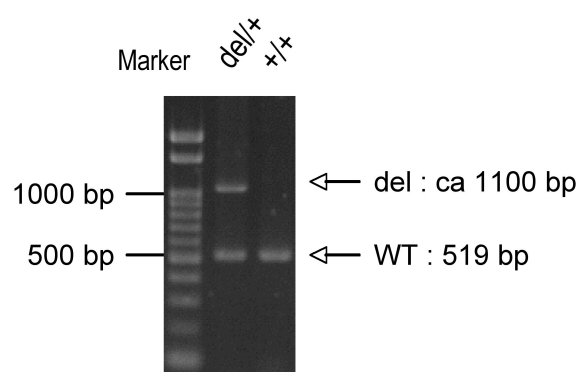
Enzyme TaKaRa Ex Taq (Cat. No. RR001A)

Reaction Conditions

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

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		11.3			
PCR buffer	10 X	2.0			
dNTP	2.5 mM	1.6			
primer 1	10 pmol/μl	1.0			
primer 2	10 pmol/μl	1.0			
primer 3	10 pmol/μl	1.0			
primer 4	10 pmol/μl	1.0			
DNA		1.0			
Taq		0.1			
total		20			

Standard PCR



Marker

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

Gel

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

Comment

PCR products

primer_set	product_size	product
primer 1	519 bp	WT
primer 3	ca 1100 bp	del