

PCR protocol

RBRC 03981 Strain name ICR;B6C3-Tg(3xFLAG-Mili)1Ysa

Primer	primer_name	primer_seq	length	
1	F-Mili-f	TATAGCCAAAGATTAATGCATCTCTC	26	Depositor's primer
2	F-Mili-r	TAAAACCGCCCCAAGTCCATCTAGTGT	27	Depositor's primer

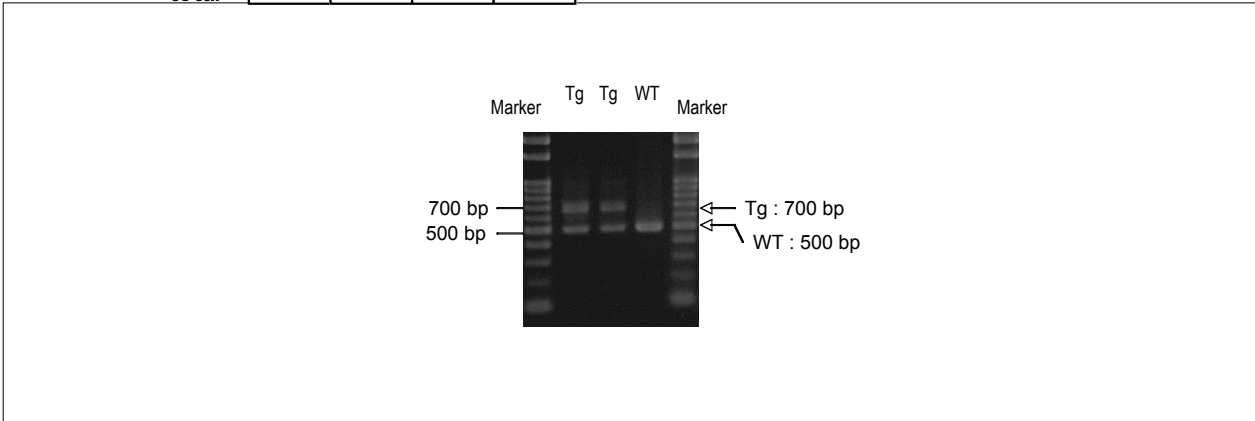
Reaction Components

Enzyme TaKaRa Ex Taq (Cat. No. RR001A)

Reaction Conditions

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		13.3			
PCR buffer	10 X	2.0			
dNTP	2.5 mM	1.6			
primer 1	10 pmol/ μ l	1.0			
primer 2	10 pmol/ μ l	1.0			
DNA		1.0			
Taq	5U/ μ l	0.1			
total		20			

step	temp ($^{\circ}$ C)	time (sec)	note
1	94	180	
2	94	30*	
3	55	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	product_size	product
primer 1 primer 2	700 bp	Tg
primer 1 primer 2	500 bp	WT

Comment