

RBRC 00895

Strain name AID-Tg line #B2

Primer	primer_name	primer_seq	length
1	AID-S1	CGGCATGAGACCTACCTCTGCTAC	24
2	AID-R1	CCAGGCTTTGAAAGTTCTTTCACG	24
3	oIMR0042	CTAGGCCACAGAATTGAAAGATCT	24
4	oIMR0043	GTAGGTGGAAATTCTAGCATCATCC	25

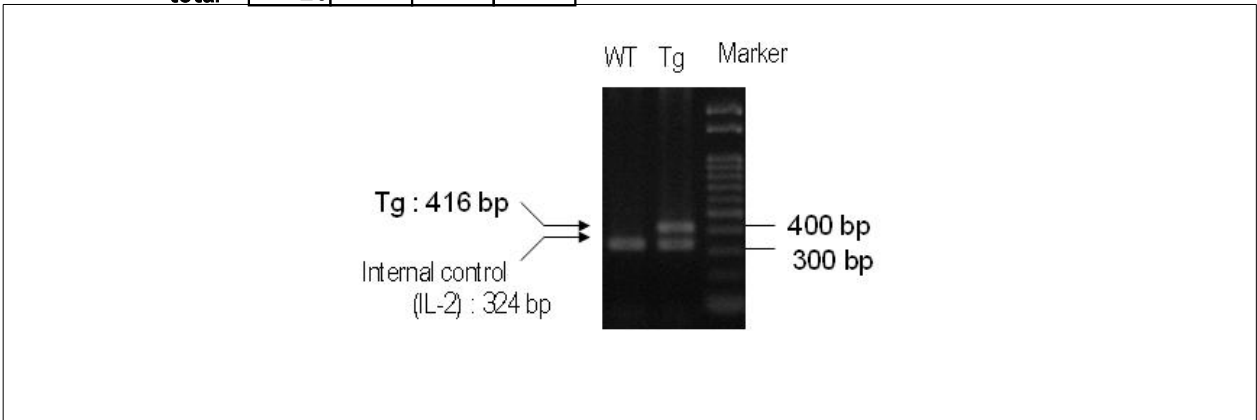
Reaction Components

Enzyme TaKaRa Ex Taq (Cat. No. RR001A)

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/ μ l	1.0		
primer 2	10 pmol/ μ l	1.0		
primer 3	10 pmol/ μ l	1.0		
primer 4	10 pmol/ μ l	1.0		
DNA		1.0		
Taq	5U/ μ l	0.1		
total	20			

Reaction Conditions

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	63	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	416 bp	Tg
primer 3	324 bp	Internal control (IL-2)

Comment