

BRC_No 00905

Strain name dlck-GFP Tg

Primer				
	primer_name	primer_seq	length	
1	primer 1	TCTAGATCCGGATCCTTACGGGCC	24	
2	primer 2	ggATCCgTgAACCGTCAGATCCgCTAgC	28	
3	oIMR0042	CTAGGCCACAGAATTGAAAGATCT	24	Internal control (IL-2)
4	oIMR0043	GTAGGTGGAAATTCTAGCATCATCC	25	Internal control (IL-2)

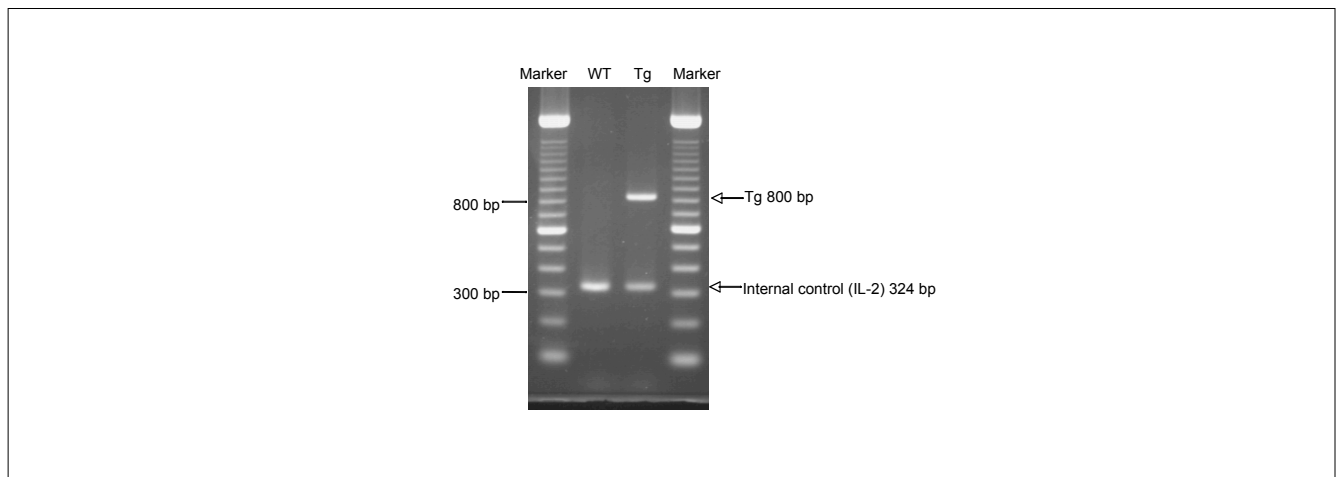
Reaction Components

Enzyme	TaKaRa Ex Taq
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	Conc	Run 1	Run 2	Run 3
H2O		16.3		
PCR buffer	10 X	2.5		
dNTP	2.5 mM	2.0		
primer 1	10 pmol/μl	1.0		
primer 2	10 pmol/μl	1.0		
primer 3	10 pmol/μl	0.5		
primer 4	10 pmol/μl	0.5		
DNA		1.0		
Taq		0.2		
total		25		

Reaction Conditions

step	temp (°C)	time (sec)	note
1	94	300	
2	94	30*	
3	62	60*	
4	72	60*	*Repeat for 35 cycles
5	72	300	



Marker

1 kb plus DNA ladder (Invitrogen, Cat. 10787-026)

Gel

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

PCR products

primer_set	product_size	product
primer 1	800 bp	Tg
primer 3	324 bp	internal control (IL-2)

Comment