

BRC_No 01296

Strain name CAT-RhoA DN/4-19

Primer			
	primer_name	primer_seq	length
1	primer 1	ACTCATCTCAGAAGAGGATCTG	22
2	primer 2	TCACAAGACAAGGCAACCAGATT	23
3	IL2-42	CTAGGCCACAGAATTGAAAGATCT	24
4	IL2-43	GTAGGTGGAAATTCTAGCATCATCC	25

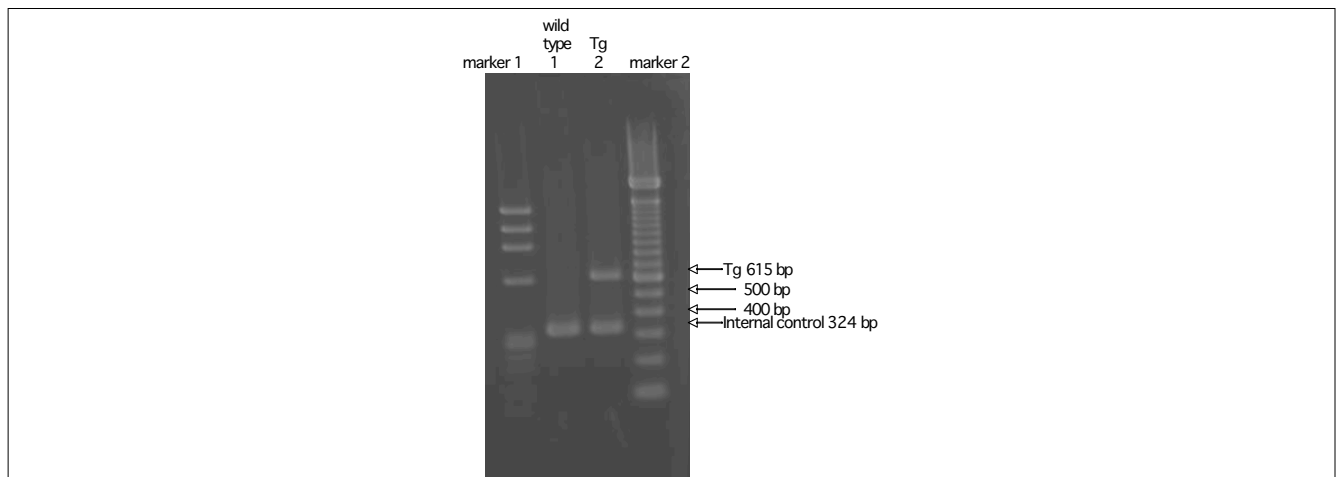
Reaction Components

Enzyme Roche Taq (Cat. No. BM1418432)

Reaction Conditions

	Conc	Run 1	Run 2	Run 3
H2O		17.3		
PCR buffer	10 X	2.5		
dNTP	2.5 mM	2.0		
primer 1	10 pmol/ μ l	1.0		
primer 2	10 pmol/ μ l	1.0		
DNA		1.0		
Taq		0.2		
total		25		

step	temp (°C)	time (sec)	note
1	94	300	
2	94	20*	
3	58	30*	
4	72	120*	*Repeat for 30 cycles
5	72	300	



Marker

marker 1: ϕ X174 Hae III, marker2: 100 bp ladder (Invitrogen, Cat. 15628)

Gel

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

PCR products

primer_set	product_size	product
primer 1 primer 2	615 bp	Tg
primer 3 primer 4	324 bp	internal control (IL-2)

Comment