

BRC_No 01298

Strain name CAT-Rho-K DN/5-18

Primer

	primer_name	primer_seq	length
1	primer 1	ACTCATCTCAGAAGAGGATCTG	22
2	primer 2	TTAGCTTGGCTTGTGGAGC	21
3	oIMR0042	CTAGGCCACAGAATTGAAAGATCT	24
4	oIMR0043	GTAGGTGGAATTCTAGCATCATCC	25

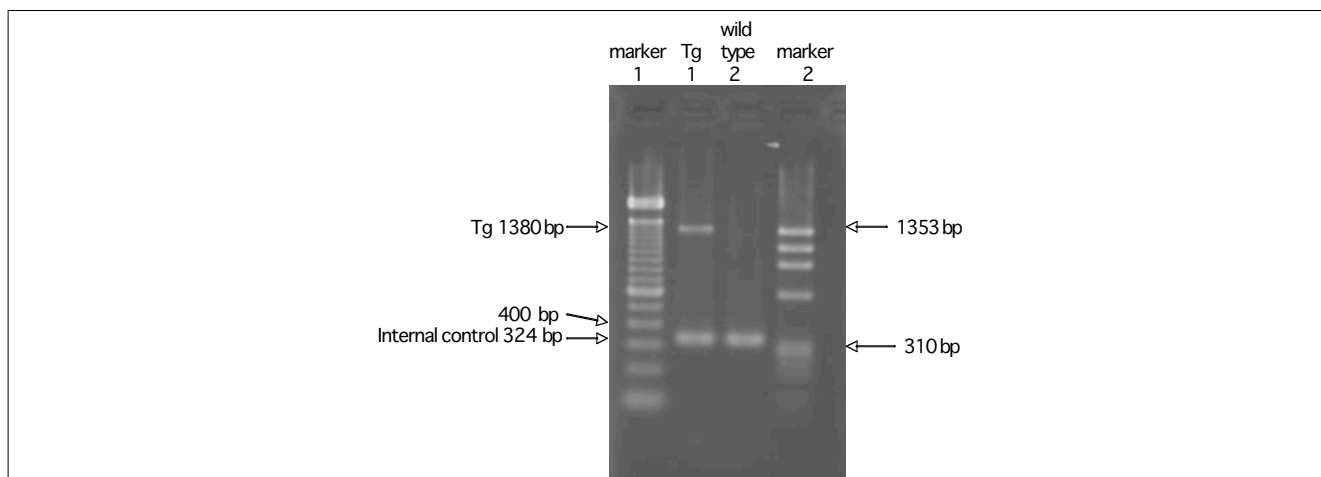
Reaction Components

Enzyme Roche Taq (Cat. No. BM1418432)

Reaction Conditions

Conc	Run 1	Run 2	Run 3
H2O	14.3		
PCR buffer	10 X 2.5		
dNTP	2.5 mM 2.0		
primer 1	10 pmol/μl 2.0		
primer 2	10 pmol/μl 2.0		
primer 3	10 pmol/μl 0.5		
primer 4	10 pmol/μl 0.5		
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: 100 bp ladder (Invitrogen, Cat. 15628-050), marker 2: φX174 Hae III

Gel

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

PCR products

primer_set	product_size	product
primer 1 primer 2	1380 bp	Tg
primer 3 primer 4	324 bp	internal control (IL-2)

Comment