

BRC\_No 01652

Strain name IF2

Primer				
	primer_name	primer_seq	length	
1	EGFP-1U	CACCCTCGTGACCACCCTGACCTAC	25	
2	EGFP-1L	CTTGATGCCGTTCTTCTGCTTGTGCG	25	
3	oIMR0015	CAAATGTTGCTTGTCTGGTG	20	Internal control (Tcrd)
4	oIMR0016	GTCAGTCGAGTGCACAGTTT	20	Internal control (Tcrd)

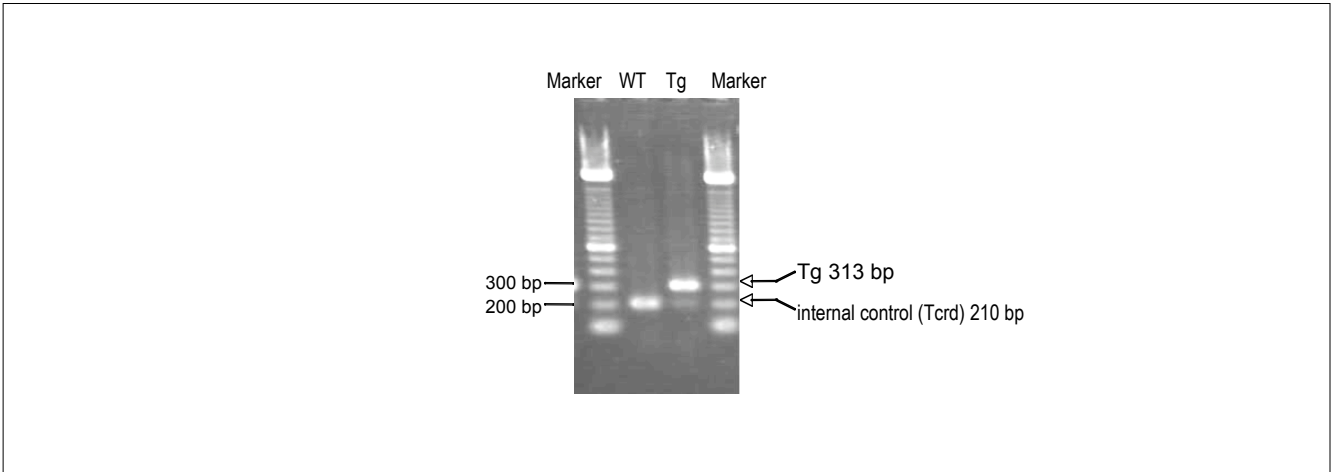
**Reaction Components**

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/ $\mu$ l	0.5		
primer 2	10 pmol/ $\mu$ l	0.5		
primer 3	10 pmol/ $\mu$ l	2.0		
primer 4	10 pmol/ $\mu$ l	2.0		
DNA		1.0		
Taq		0.2		
total		25		

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	55	30*	
4	72	60*	*Repeat for 35 cycles
5	72	300	



**Marker**  
100 bp ladder (Invitrogen, Cat. 15628-050)

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

PCR products			
primer_set	primer_set	product_size	product
primer 1	primer 2	313 bp	Tg
primer 3	primer 4	210 bp	internal control (Tcrd)

Comment