

BRC_No 01122 Strain name hRN 8-12

Primer			
	primer_name	primer_seq	length
1	REN5	CTCACAGGTGGGTGGAATCAC	21
2	hREN3	CCTCTTGCTCCAGAGTGGCGCTGTC	25
3	mREN3	TGTGGCCAGTCCCTGGGGACCG	22

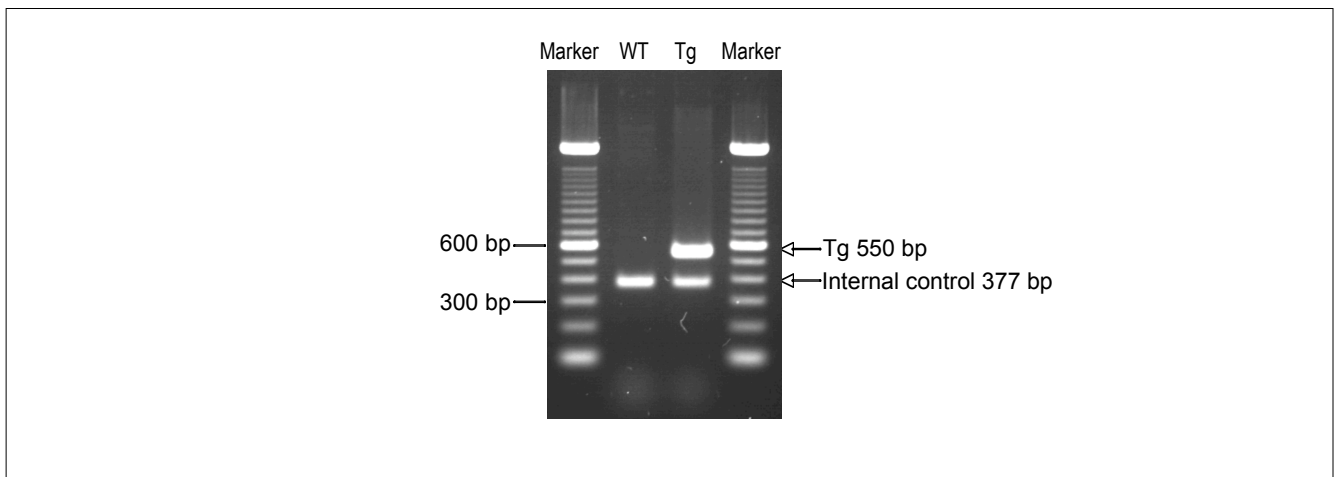
Reaction Components

Enzyme QIAGEN Multiplex PCR Kit (Cat. No. 206143)

Reaction Conditions

	Conc	Run 1	Run 2	Run 3
H2O		6.0		
Master Mix	2 ×	10.0		
primer 1	10 pmol/μl	1.0		
primer 2	10 pmol/μl	1.0		
primer 3	10 pmol/μl	1.0		
DNA		1.0		
total		20		

step	temp (°C)	time (sec)	note
1	95	900	
2	94	30*	
3	60	90*	
4	72	90*	*Repeat for 30 cycles
5	72	600	



Marker

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

Gel

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

PCR products

primer_set	product_size	product
primer 1 primer 2	550 bp	Tg (hREN3)
primer 1 primer 3	377 bp	internal control (mREN3)

Comment