

BRC\_No 00909 Strain name 5'XBN line608

## Primer

	primer_name	primer_seq	length	
1	c-maf geno5'	TGTTTACAGTTCGAGCTTTC	19	
2	b-gal3	GATTAAGTTGGGTAACGCC	19	
3	oIMR0015	CAAATGTTGCTTGTCTGGTG	20	Internal control (Tcrd)
4	oIMR0016	GTCAGTCGAGTGCACAGTTT	20	Internal control (Tcrd)

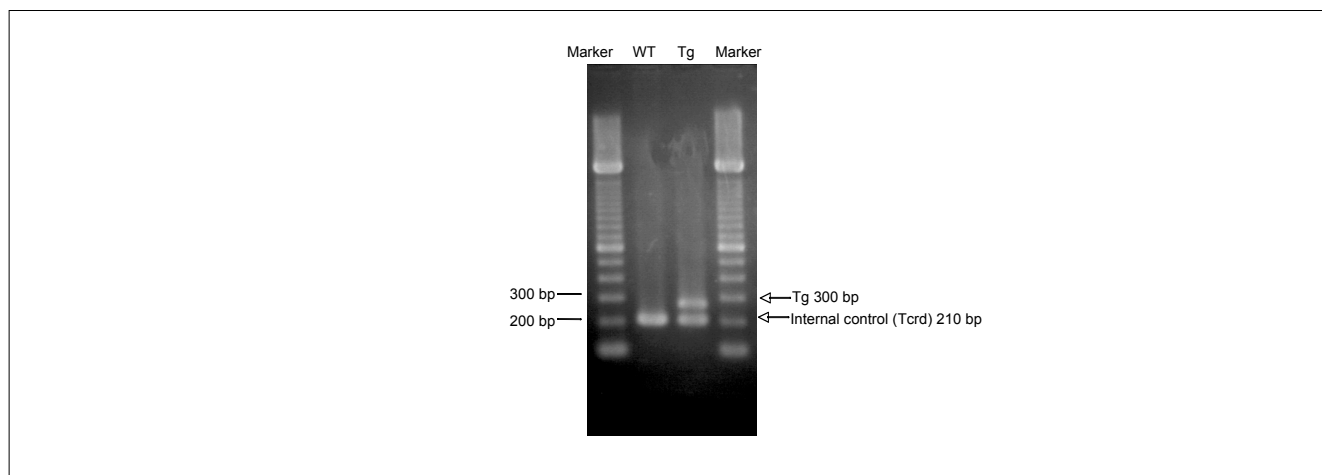
## Reaction Components

Enzyme TaKaRa Ex Taq

## Reaction Conditions

	Conc	Run 1	Run 2	Run 3
H2O		15.3		
PCR buffer	10 X	2.5		
dNTP	2.5 mM	2.0		
primer 1	10 pmol/ $\mu$ l	1.0		
primer 2	10 pmol/ $\mu$ l	1.0		
primer 3	10 pmol/ $\mu$ l	1.0		
primer 4	10 pmol/ $\mu$ l	1.0		
DNA		1.0		
Taq		0.2		
<b>total</b>		<b>25</b>		

step	temp (°C)	time (sec)	note
1	94	300	
2	94	30*	
3	60	30*	
4	72	30*	*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 primer 2	300 bp	Tg
primer 3 primer 4	210 bp	internal control (Tcrd)

Comment