

RBRC 02319

Strain name WHT.C-Ggm2/2

Primer	primer_name	primer_seq	length	
1	D10Mit268-1	TGGCATGTATATCTCTATCACATATCC	27	Depositor's primer
2	D10Mit268-2	TTCCAGTAGACTTTGAAAGAAATTTT	26	Depositor's primer
3	D10Mit151-1	GTCCTTGGCAGATTATTTTTGC	22	Depositor's primer
4	D10Mit151-2	TGCTTGTTTAGCATATGCAAGG	22	Depositor's primer

**Reaction Components**

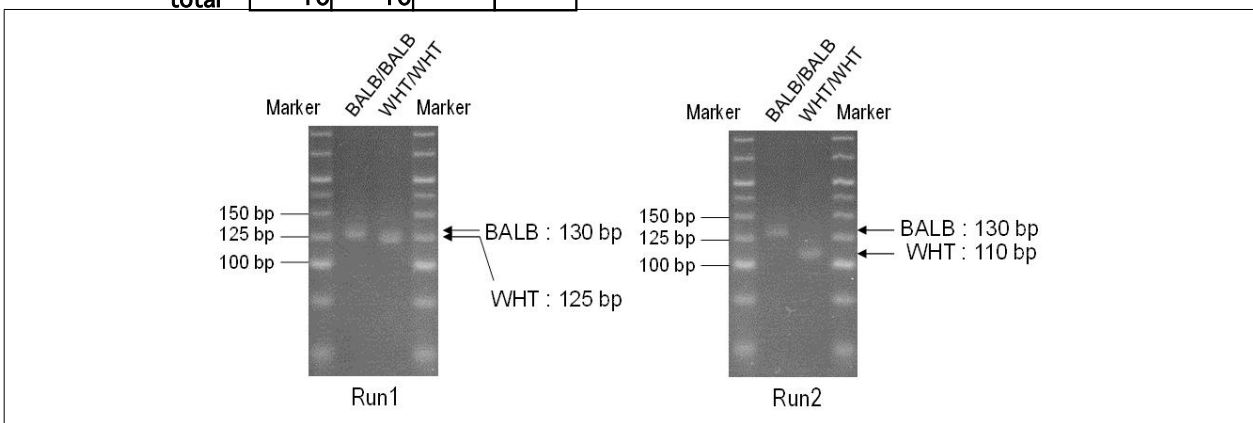
Enzyme QIAGEN Multiplex PCR Kit (Cat. No. 206143)

**Reaction Conditions**

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

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		2.0	2.0		
Master Mix	2 X	5.0	5.0		
primer 1	10 pmol/ $\mu$ l	1.0	0		
primer 2	10 pmol/ $\mu$ l	1.0	0		
primer 3	10 pmol/ $\mu$ l	0	1.0		
primer 4	10 pmol/ $\mu$ l	0	1.0		
DNA		1.0	1.0		
<b>total</b>		<b>10</b>	<b>10</b>		

Separated PCR



**Marker**

25bp DNA Step Ladder (Wako, Cat. 292-69001)

**Gel**

5% Nusieve in 0.5 X TBE (100 V, 120 min)

**PCR products**

	primer_set	product_size	product
primer 1	primer 2	130 bp	BALB
primer 1	primer 2	125 bp	WHT
primer 3	primer 4	130 bp	BALB
primer 3	primer 4	110 bp	WHT

**Comment** WHT<BALB