

BRC\_No 01261 Strain name Mottled Tohoku

### Primer

	primer_name	primer_seq	length
1	mk4223	CAGCAATGGCCGCTTCATCT	20
2	mt1	ACCTAAACTTGGCTCACTTG	20

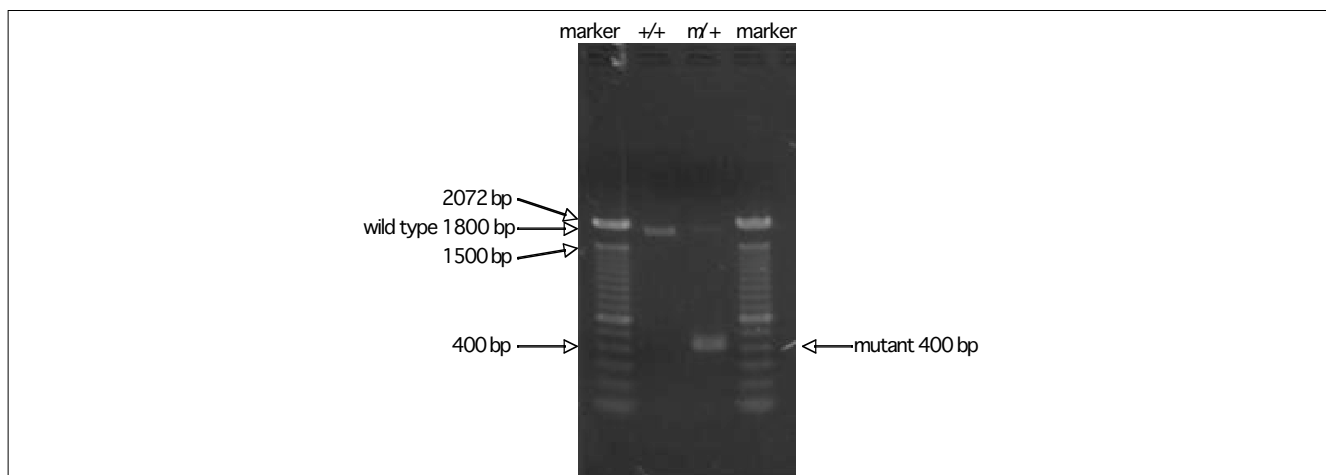
### Reaction Components

Enzyme QIAGEN Multiplex PCR Kit

	Conc	Run 1	Run 2	Run 3
H2O		7.0		
primer 1	10 pmol/ $\mu$ l	1.0		
primer 2	10 pmol/ $\mu$ l	1.0		
2X Multip		10.0		
DNA		1.0		
<b>total</b>		<b>20</b>		

### Reaction Conditions

step	temp (°C)	time (sec)	note
1	94	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	1.8 kb	wild
primer 1 primer 2	400 bp	mutant

Comment