

BRC\_No 00972

Strain name VA T-bet line709

### Primer

	primer_name	primer_seq	length
1	T-bet 931-913	AGCCCCCTTGTTGTTGGTG	19
2	T-bet 773-791	CGGTACCAGAGCGGCAAGT	19

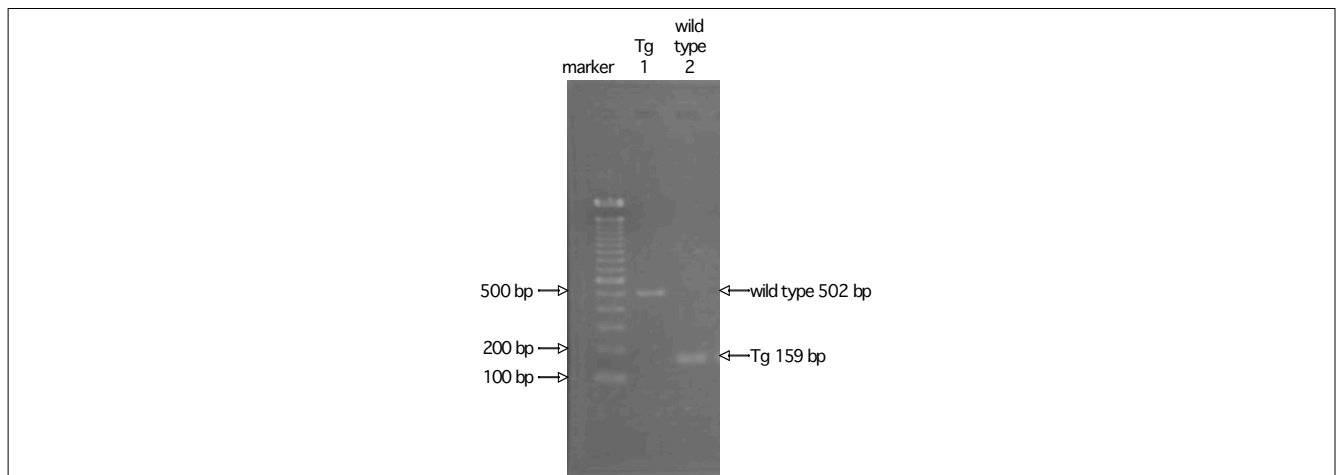
### Reaction Components

Enzyme Roche Taq (Cat. No. BM1418432)

	Conc	Run 1	Run 2	Run 3
H2O		17.3		
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		
DNA		1.0		
Taq		0.2		
<b>total</b>		<b>25</b>		

### Reaction Conditions

step	temp (°C)	time (sec)	note
1	94	300	
2	94	30*	
3	64	40*	
4	72	30*	*Repeat for 30 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_1	primer_2	product_size	product
primer 1	primer 2	159 bp	Tg
primer 1	primer 2	502 bp	wild

Comment