

RBRC 05178

Strain name A.SM-(D11Mit106-D11Mit163)

Primer	primer_name	primer_seq	length	
1	D11Mit106_1	TGTCTCTCCGAGTCTGTCTCTG	22	Depositor's primer
2	D11Mit106_2	AGAAACTGTTCCACCCCCTT	20	Depositor's primer
3	D11Mit163_1	AACCCTGCTATTGTGCTGCT	20	Depositor's primer
4	D11Mit163_2	CTAGAACACACATGCATGCTCA	22	Depositor's primer

### Reaction Components

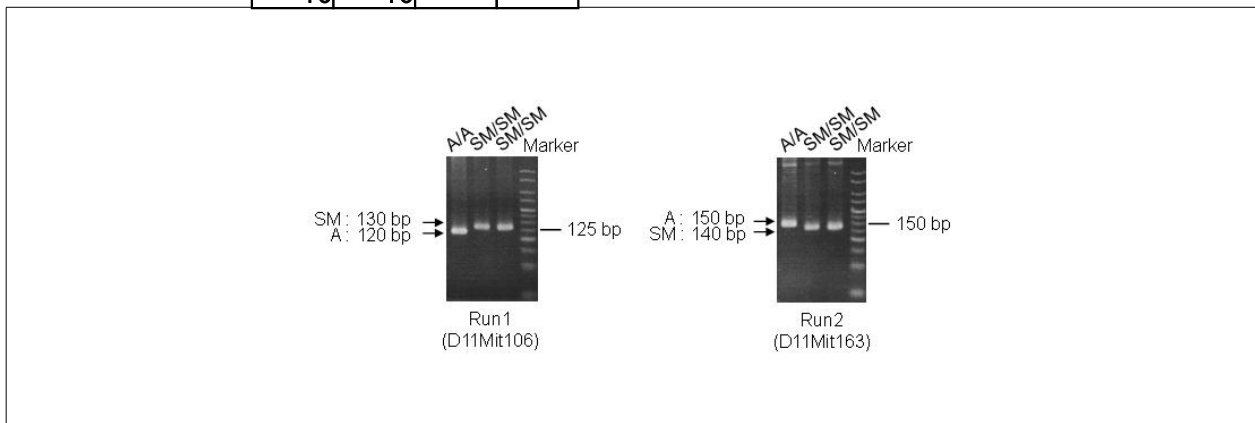
Enzyme QIAGEN Multiplex PCR Kit (Cat. No. 206143)

### Reaction Conditions

step	temp (°C)	time (sec)	note
1	95	900	
2	94	30*	
3	60	90*	
4	72	60*	*Repeat for 30 cycles
5	60	1800	

	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/μl	1.0	0		
primer 2	10 pmol/μl	1.0	0		
primer 3	10 pmol/μl	0	1.0		
primer 4	10 pmol/μl	0	1.0		
DNA	10 pmol/μl	1.0	1.0		
<b>total</b>		<b>10</b>	<b>10</b>		

### Standard PCR



### Marker

25 bp DNA ladder (Invitrogen, Cat. 10597-011)

### Gel

4% Nusieve in 0.5 X TBE (100 V, 60 min)

### Comment

PCR products	primer_set	product_size	product
primer 1	primer 2	130, 120 bp	SM/SM, A/A
primer 3	primer 4	140, 150 bp	SM/SM, A/A