

RBRC 01742

Strain name A-11 <SM>

Primer	primer_name	primer_seq	length	Reference
1	D11Mit152-1	TGCTAAGTTTTCTTTGCTGAGG	23	Depositor's primer
2	D11Mit152-2	AGCCCTCAGAGGCCTCATAT	20	Depositor's primer
3	D11Mit10-1	GAACCGCAAGTCATGAATCA	20	Depositor's primer
4	D11Mit10-2	TGGTTTATTCCTGAAGCTGC	20	Depositor's primer
5	D11Mit12-1	AGGGTTATGCTCTTGGCTGC	20	Depositor's primer
6	D11Mit12-2	GATTTTCCTAGGCTGGCTGG	20	Depositor's primer

Reaction Components

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

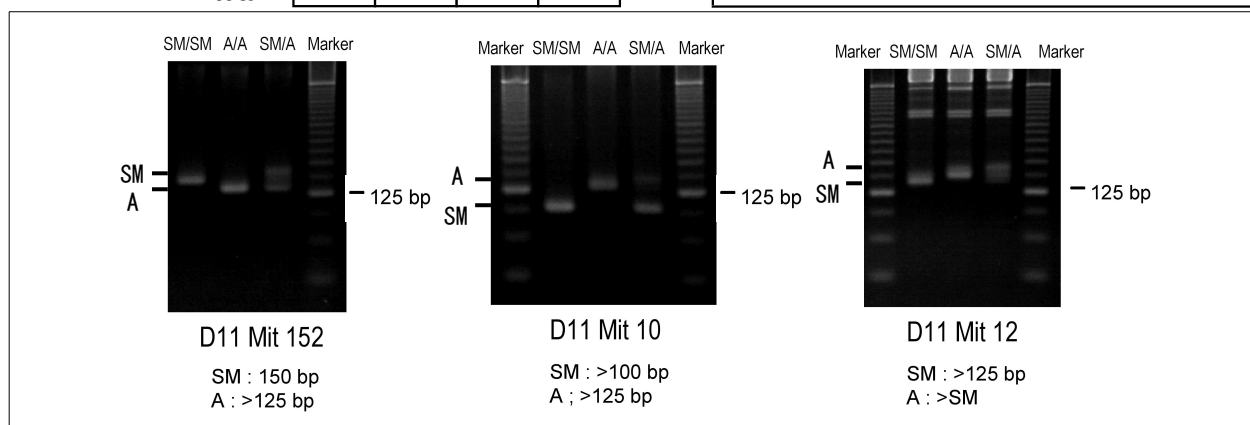
Reaction Conditions

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	

Reagent	Conc	Reaction 1	2	3	4
H2O		2.0	2.0	2.0	
Master Mix	2 X	5.0	5.0	5.0	
primer 1	10 pmol/μl	1.0	0	0	
primer 2	10 pmol/μl	1.0	0	0	
primer 3	10 pmol/μl	0	1.0	0	
primer 4	10 pmol/μl	0	1.0	0	
primer 5	10 pmol/μl	0	0	1.0	
primer 6	10 pmol/μl	0	0	1.0	
DNA		1.0	1.0	1.0	
total		10	10	10	

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

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



primer_set		product_size	product (allele type)
primer 1	primer 2	150 bp, >125 bp	SM, A
primer 3	primer 4	>100 bp, >125 bp	SM, A
primer 5	primer 6	>125 bp, > SM	SM, A

Comment Separated PCR