

RBRC 06567

Strain name C3.NSY-(D11Mit242-D11Mit279)

Primer	primer_name	primer_seq	length		Reference
1	D11Mit242_1	GAAGCCAGCAAGAAAAATGC	20		Depositor's primer
2	D11Mit242_2	CTGTCTGGTAGTGCAGCCAA	20		Depositor's primer
3	D11Mit279	TGGCTCTCTAATCCTGAGAAGG	22		Depositor's primer
4	D11Mit279	ATAATGCAGACCTTGCTCAACA	22		Depositor's primer

Reaction Components

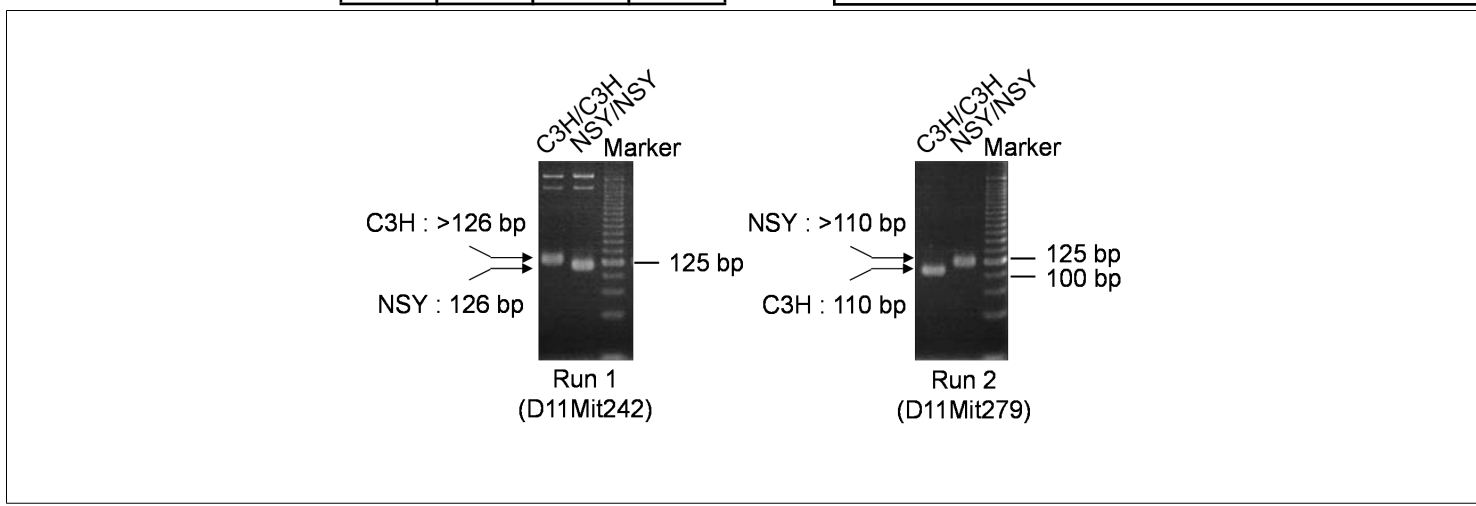
Enzyme QIAGEN Multiplex PCR Kit (Cat. No. 206143)

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	

Reagent	Conc	Reaction 1	2	3	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		1.0	1.0			
total		10	10			

Marker	25bp DNA Step Ladder (Wako, Cat. 292-69001)
Gel	4% Nusieve in 0.5 X TBE (100 V, 60 min)



primer_set		product_size	product (allele type)
primer 1	primer 2	C3H>NSY	NSY
primer 1	primer 2	126 bp	C3H
primer 3	primer 4	C3H<NSY	NSY
primer 3	primer 4	110 bp	C3H

Comment Separated PCR