

RBRC 06566

Strain name C3.NSY-(D11Mit26-D11Mit279)

Primer	primer_name	primer_seq	length	
1	D11Mit26_1	CTCTACAAGCACCTGCCCTC	20	Depositor's primer
2	D11Mit26_2	TATTTCTCAAAGCTGTCACTTTGC	24	Depositor's primer
3	D11Mit279	TGGCTCTCTAATCCTGAGAAGG	22	Depositor's primer
4	D11Mit279	ATAATGCAGACCTTGCTCAACA	22	Depositor's primer

Reaction Components

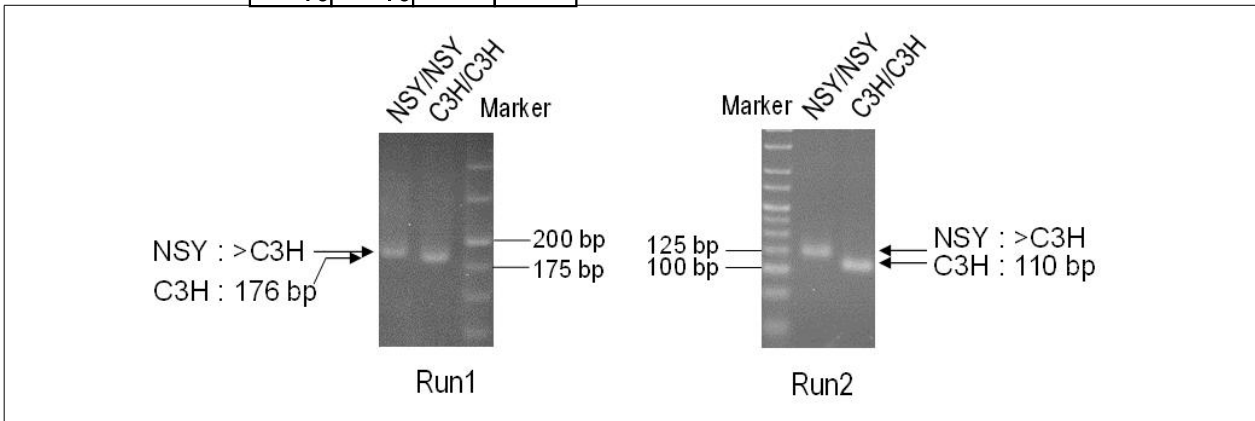
Enzyme QIAGEN Multiplex PCR Kit (Cat. No. 206143)

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	

	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		1.0	1.0		
total		10	10		

Separated PCR



Marker

25bp DNA Step Ladder (Wako, Cat. 292-69001)

Gel

Run1:5% Nusieve in 0.5 X TBE (100 V, 150 min),Run2:4% Nusieve in 0.5 X

Comment

PCR products

primer_set	product_size	product
primer 1	C3H<NSY	NSY
primer 1	176 bp	C3H
primer 3	C3H<NSY	NSY
primer 3	110 bp	C3H