

RBRC 09381

Strain name B6.D2-(D1Mit14-D1Mit150)/Hkv

Primer	primer_name	primer_seq	length	
1	D1Mit14_1	GCCAGACAGGGCTACATTGT	20	Depositor's primer
2	D1Mit14_2	AGACTGAACTCTGGCCTCCA	20	Depositor's primer
3	D1Mit150	CTGGTGTCCACACACAGGTC	20	Depositor's primer
4	D1Mit150-2	TGATTGCAATATACCAGGTTTCC	23	Depositor's primer

Reaction Components

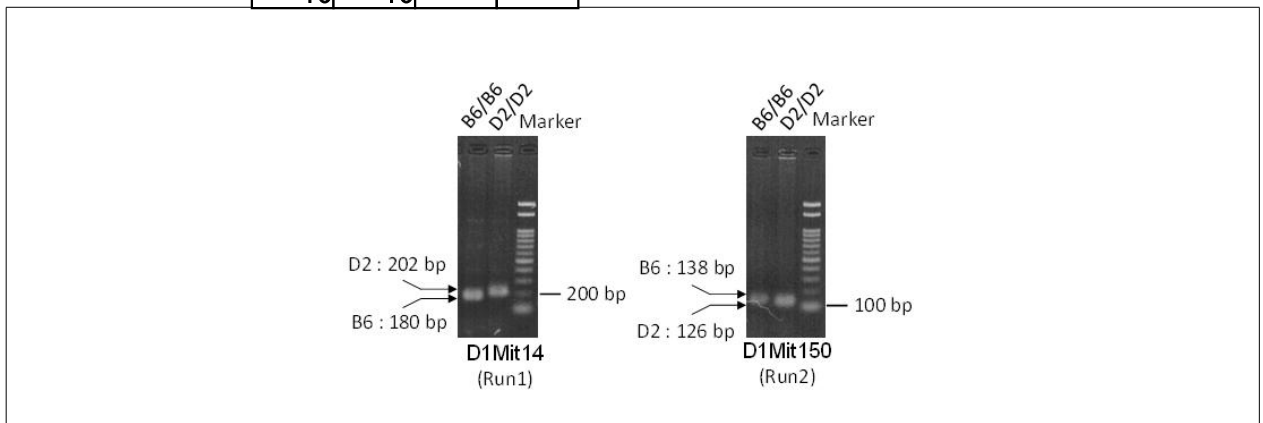
Enzyme QIAGEN Multiplex PCR Kit (Cat. No. 206143)

Reaction Conditions

	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		

step	temp (°C)	time (sec)	note
1	95	900	
2	94	30*	
3	65	90*	
4	72	60*	*Repeat for 30 cycles

Separated PCR



Marker
 Gene Ladder 100 (Wako, Cat. 316-06951)

Gel
 2% agarose in 1 X TAE (100 V, 30 min)

PCR products	primer_set	product_size	product
primer 1	primer 2	202 bp	D2
primer 1	primer 2	180 bp	B6
primer 3	primer 4	126 bp	D2
primer 3	primer 4	138 bp	B6

Comment
 WHT<BALB