

RBRC 10035

Strain name C57BL/6N-Tmed6

[illegible]

Reaction Components

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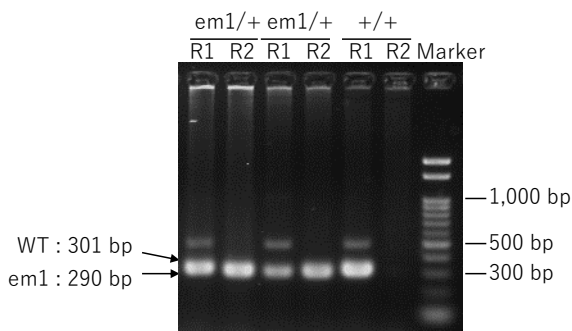
Reaction Conditions

[illegible]

Reagent	Conc	Reaction 1	2	3	4
H ₂ O		2.0	2.0		
primer 1	10 pmol/ μL	1.0	1.0		
primer 2	10 pmol/ μL	1.0	0		
primer 3	10 pmol/ μL	0	1.0		
DNA		1.0	1.0		
Master Mix	2 X	5.0	5.0		
total		10	10		

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

Gel	2% agarose in 1 X TAE (100 V, 30 min)
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primer_set		product_size	product (allele type)	
primer 1	primer 2	301 bp	WT	Reaction 1 (R1)
primer 1	primer 3	290 bp	em1	+/+ : 301 bp
				em1/+ : 301 bp
				Reaction 2 (R2)
				+/+ : none
				em1/+ : 290 bp

Comment Allele specific PCR (ASP)