

RBRC 09910

Strain name C57BL/6N-Sik3^{tm1.1 liis}

[illegible]

Reaction Components

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

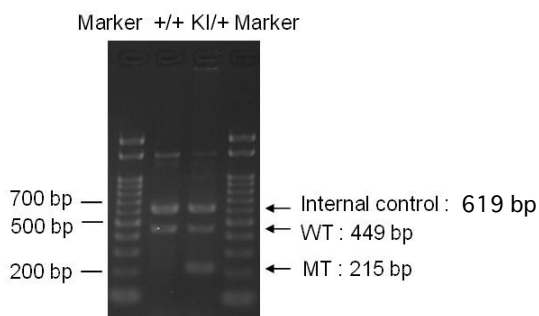
step	temp (°C)	time (sec)	note
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[illegible]

Reagent	Conc	Reaction 1	2	3	4
primer 1	10 pmol/ μL	1.0			
primer 2	10 pmol/ μL	1.0			
primer 3	10 pmol/ μL	1.0			
primer 4	10 pmol/ μL	1.0			
DNA		1.0			
Master Mix	2 X	5.0			
total		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	619 bp	Internal control	Wild type +/+ : 449 bp heterozygous KI/+ : 215 bp and 449 bp homozygous KI/KI : 215 bp
primer 1	primer 3	449 bp	WT	
primer 2	primer 4	215 bp	MT	

Comment Allele specific PCR (ASP)