

RBRC 09910

Strain name C57BL/6N-Sik3<tm1.1 liis>

Primer	primer_name	primer_seq	length	
1	common	CAGCTTGAGTACAAGGTAGGAGGCC	25	RIKEN BRC
2	SLP CAPS AS2	CTAGAGAGCACTGCCCCGTGT	20	Depositor's primer
3	WT	AGAAAGCCAGGCTGGGCTGCTCC	23	RIKEN BRC
4	MT	CTTGTCACCATGACACCAGTGCA	23	RIKEN BRC

Reaction Components

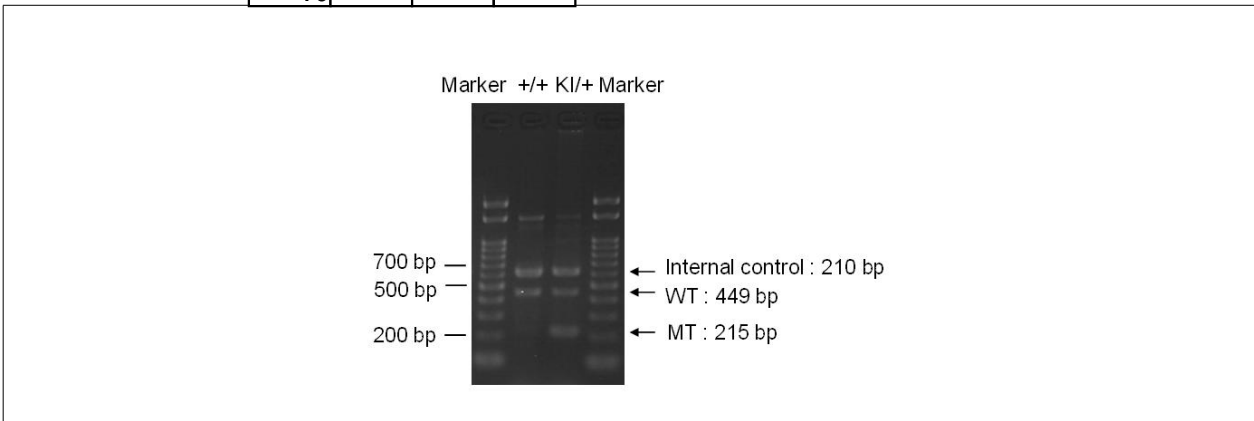
Enzyme QIAGEN Multiplex PCR Kit (Cat. No. 206143)

Reaction Conditions

	Conc	Run 1	Run 2	Run 3	Run 4
primer 1	10 pmol/ μ l	1.0			
primer 2	10 pmol/ μ l	1.0			
primer 3	10 pmol/ μ l	1.0			
primer 4	10 pmol/ μ l	1.0			
DNA		1.0			
Master Mix	2 X	5.0			
total		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	619 bp	Internal control
primer 1 primer 3	449 bp	WT
primer 2 primer 4	215 bp	MT

Comment

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