

RBRC 02078

Strain name B6;129P2-Slp2<tm1Mitf>

Primer	primer_name	primer_seq	length	
1	2a-geno-F1	CCTCTGGTAGACTAACTCAG	20	Depositor's primer
2	LP170	TAGCAACCTACCTGAGCAGT	20	Depositor's primer
3	PGK1	AAGCGCATGCTCCAGACTGCCTTG	24	Depositor's primer

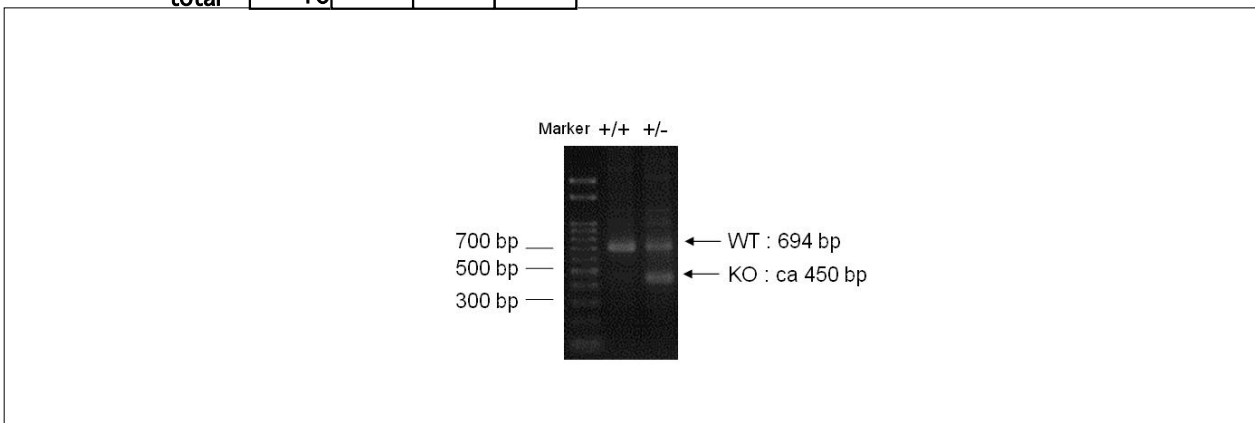
Reaction Components

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

Reaction Conditions

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		1.0			
Master Mix	2 X	5.0			
primer 1	10 pmol/μl	1.0			
primer 2	10 pmol/μl	1.0			
primer 3	10 pmol/μl	1.0			
DNA		1.0			
total		10			

step	temp (°C)	time (sec)	note
1	95	900	
2	94	30*	
3	60	90*	
4	72	60*	*Repeat for 30 cycles
5	72	600	



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	694 bp	WT
primer 1	ca 450 bp	KO

Comment