

PCR protocol

RBRC 00455

Strain name B6.129P2-Skp2<tm1Kin>

Primer	primer_name	primer_seq	length	
1	KN13	GCATCGCCTTCTATCGCCTTCTTG	24	Depositor's primer
2	KN38	TTCCACACCCACATCCAGTCATT	24	Depositor's primer
3		tgcttacacagacatagacagg	22	RIKEN BRC

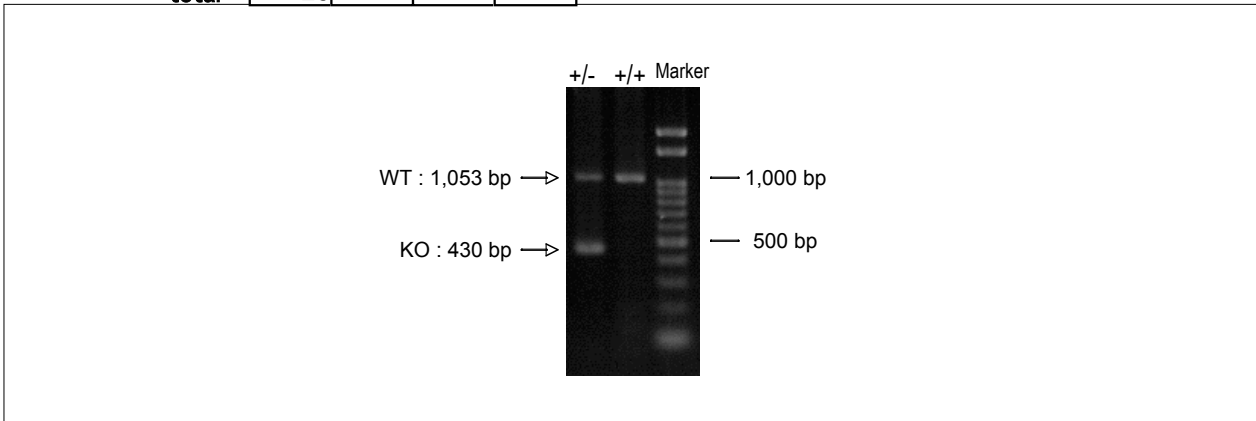
Reaction Components

Enzyme TaKaRa Ex Taq (Cat. No. RR001A)

Reaction Conditions

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	60	30*	
4	72	60*	*Repeat for 30 cycles
5	72	300	

Conc	Run 1	Run 2	Run 3	Run 4
H2O	16.3			
PCR buffer	2.5			
dNTP	2.0			
primer 1	1.0			
primer 2	1.0			
primer 3	1.0			
DNA	1.0			
Taq	0.2			
total	25			


Marker

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

Gel

2% agarose in 1 X TAE (100 V, 35 min)

PCR products

primer_set	product_size	product
primer 1	430 bp	KO
primer 2	1,053 bp	WT

Comment