

RBRC 05254

Strain name B6.129-Pou2f3<tm1Abek>

Primer	primer_name	primer_seq	length	
1		CCAAGATCTGGACTGCACTTCTTC	24	RIKEN BRC
2	Skn-int7as	ATCTGCGCACAGCCTTGTATCTTC	24	Depositor's primer
3	Neo	GCAATCCATCTTGTCAATGGCC	23	Depositor's primer

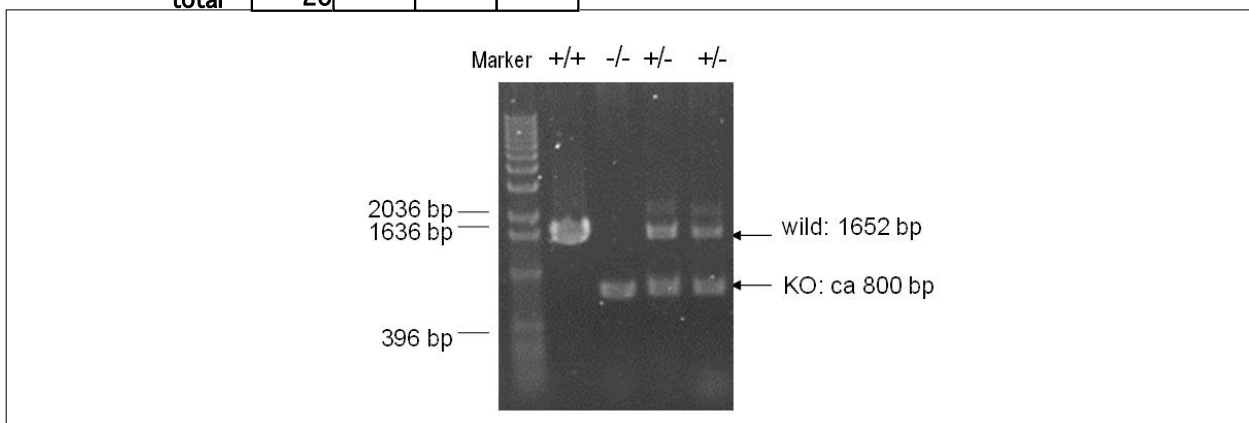
Reaction Components

Enzyme TaKaRa Ex Taq (Cat. No. RR001A)

Reaction Conditions

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		12.3			
PCR buffer	10 X	2.0			
dNTP	2.5 mM	1.6			
primer 1	10 pmol/μl	1.0			
primer 2	10 pmol/μl	1.0			
primer 3	10 pmol/μl	1.0			
DNA		1.0			
Taq	5 U/μl	0.1			
total		20			

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	60	30*	
4	72	90*	*Repeat for 30 cycles
5	72	300	



Marker
 DNA Ladder, 1 kb Plus (Affymetrix, Cat. 76714 500 UL)

Gel
 1% agarose in 1 X TAE (100 V, 30 min)

PCR products		product_size	product
primer 1	primer 2		
primer 1	primer 2	1652 bp	WT
primer 1	primer 3	ca 800 bp	KO

Comment