

RBRC 06402

Strain name B6;129P2-Cdkn1c<tm2.1Kei>

Primer	primer_name	primer_seq	length	
1	p57 CKO-F	AAGCTGGACAGGACAAGCGATCC	23	Depositor's primer
2	p57 CKO-R1	ATGGTCGAAGGCTGTGCAAACGC	23	Depositor's primer
3	3'_Rv	GTTCTCGCACACAACTAGATCAG	24	RIKEN BRC

### Reaction Components

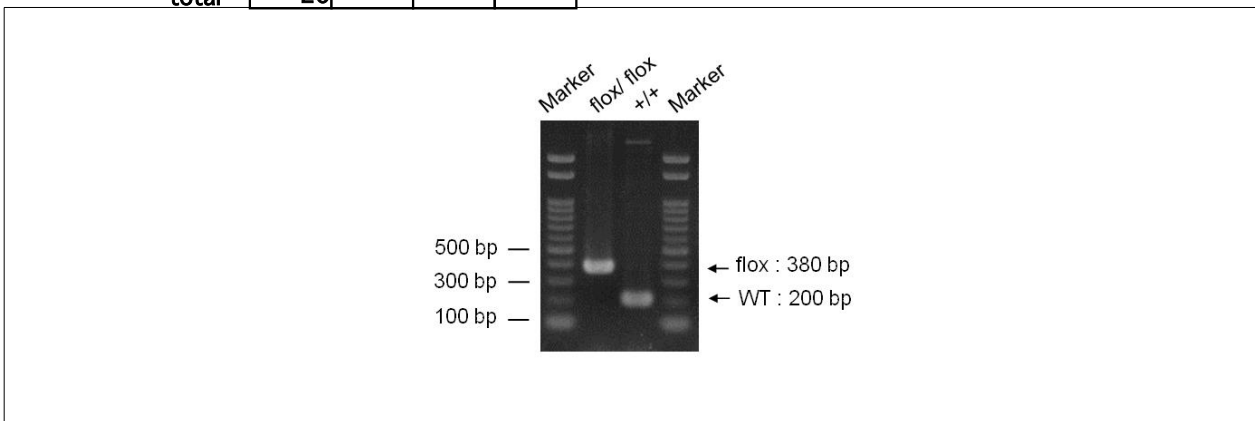
Enzyme TaKaRa LA Taq with GC buffer (Cat. No. RR02AG)

### Reaction Conditions

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		3.9			
PCR buffer	2 X GC I	10.0			
dNTP	2.5 mM	2.0			
primer 1	10 pmol/ $\mu$ l	1.0			
primer 2	10 pmol/ $\mu$ l	1.0			
primer 3	10 pmol/ $\mu$ l	1.0			
DNA		1.0			
Taq	5U/ $\mu$ l	0.1			
<b>total</b>		<b>20</b>			

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	

### Standard 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	200 bp	WT
primer 1	primer 3	380 bp	flox
primer 1	primer 3	? bp	null

Comment