

RBRC 05799

Strain name B6.Cg-Rab33a<tm1Mitf>

Primer	primer_name	primer_seq	length
1	Rab33A-genome-fwd#1	TAAATGACTAGCTTTGGCTGTGTC	24
2	Rab33A-genome-rvs#3	CTCCATTTATTCCCAACCTCTCTA	24
3	Neo10	ATCAGAGCAGCCGATTGTCTGTTG	24

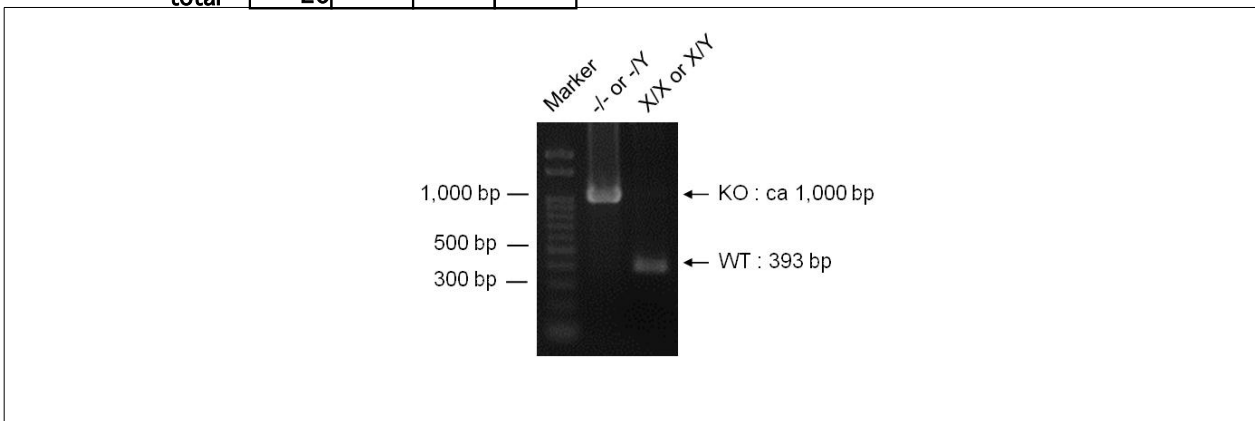
**Reaction Components**

Enzyme TOYOBO KOD FX (Code.No : KFX-101)

**Reaction Conditions**

Conc	Run 1	Run 2	Run 3	Run 4
H2O	1.8			
PCR buffer	2 X	10.0		
dNTP	2.0 mM	4.0		
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	1 U/ $\mu$ l	0.2		
<b>total</b>	<b>20</b>			

step	temp (°C)	time (sec)	note
1	94	120	
2	98	10*	
3	60	30*	
4	68	90*	*Repeat for 30 cycles



**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	393 bp	WT
primer 2	ca 1,000 bp	KO

Comment