

RBRC 02446 Strain name B6.Cg-Zc3h12d<tm1Tom>

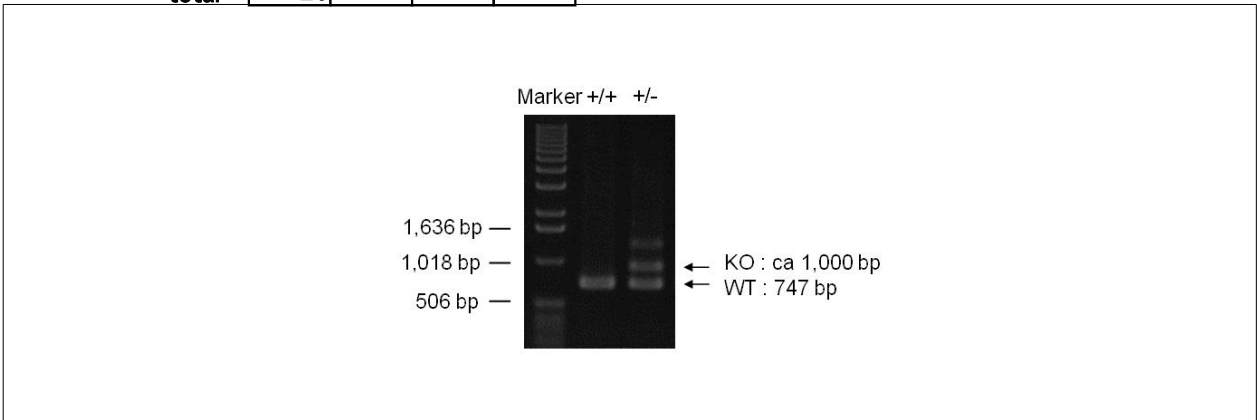
Primer	primer_name	primer_seq	length	
1	TFL F	GGTGCTAACCACCTTCAGTACAGA	23	Depositor's primer
2	TFL WR	CATAGCCACATTGCTGCCATCGATC	25	Depositor's primer
3	DT5'	GCCTTCTATCGCCTTCTTGACGAGTCTTC	30	Biochem. Biophys. Res. Commun. 321, 275-279 (2004).

Reaction Components

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

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

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		1.8			
PCR buffer	2 X	10.0			
dNTP	2 mM	4.0			
primer 1	10 pmol/ μ l	1.0			
primer 2	10 pmol/ μ l	1.0			
primer 3	10 pmol/ μ l	1.0			
DNA		1.0			
Taq	1 U/ μ l	0.2			
total		20			


Marker
 1 kb DNA ladder (Invitrogen, Cat. 15615-024)

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

PCR products			
	primer_set	product_size	product
	primer 1 primer 2	747 bp	WT
	primer 1 primer 3	ca 1,000 bp	KO

Comment