

RBRC 09407

Strain name B6C3.129-Zfp365<tm1(KOMP)Wtsi>/Tfur

Primer	primer_name	primer_seq	length	Reference
1		GGACATGGTGACCAAGGTGGCAGC	24	Depositor's primer
2		GCTCTCCAACACCATCTGTGGAAC	24	Depositor's primer
3		GGCACATGGCTGAATATCGACGG	23	RIKEN BRC

**Reaction Components**

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

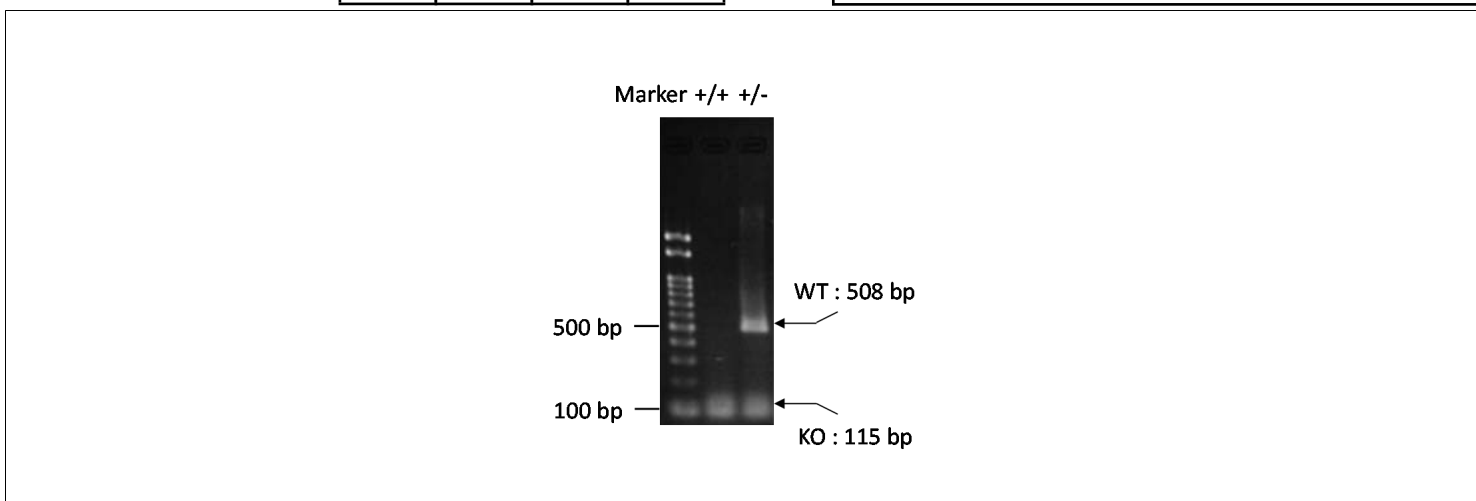
**Reaction Conditions**

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

Reagent	Conc	Reaction 1	2	3	4
H2O		1.8			
PCR buffer	2 X	10.0			
dNTP	2.0 mM	4.0			
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	1 U/μl	0.2			
<b>total</b>		20			

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

**Gel** 2% agarose in 1 X TAE (100 V, 30 min)



primer_set	product_size	product (allele type)
primer 1	508 bp	WT
primer 2	115 bp	KO

**Comment**