

RBRC 03559

Strain name 129.Cg-Pax7<tm2Pgr>

Primer	primer_name	primer_seq	length	
1	mPax7-F10	AATCAGCTTGGTGGGGTCTTCATC	24	Depositor's primer
2	mPax7-R11	GATTCAGACTAAGGGGATGGGAGC	24	Depositor's primer
3	lacZ Downstream	GCATCGAGCTGGGTAATAAGCG	22	

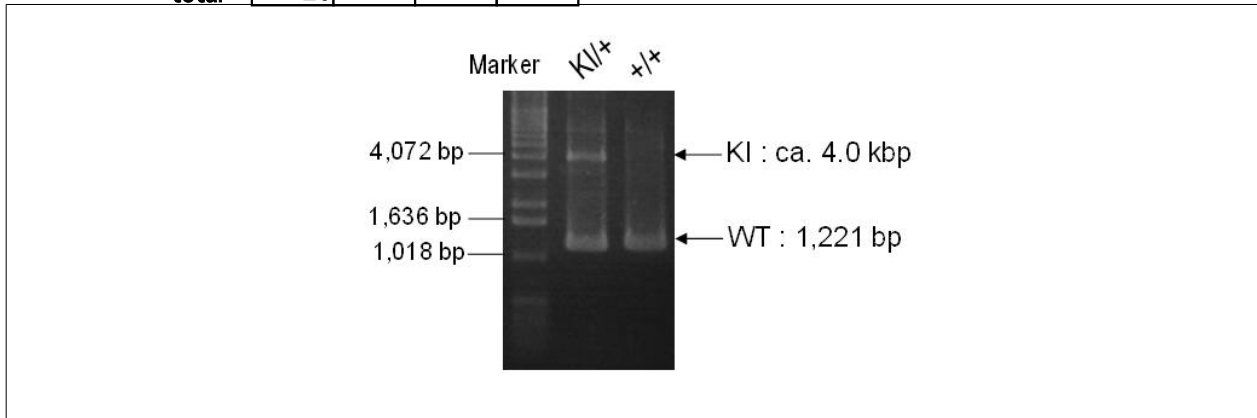
Reaction Components

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

Reaction Conditions

	Conc	Run 1	Run 2	Run 3	Run 4
H ₂ O		1.6			
PCR buffer	2 X	10.0			
dNTP	2.0 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	0.4			
total		20			

step	temp (°C)	time (sec)	note
1	94	120	
2	98	10*	
3	60	30*	
4	68	300*	*Repeat for 30 cycles



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	1,221 bp	WT
primer 2	primer 3	ca. 4.0 kbp	KI

Comment