

RBRC 05153

Strain name B6;129S6-Gt(ROSA)26Sor<tm1(CAG-EGFP/TeNT)lmayo>

Primer	primer_name	primer_seq	length	
1	R26F2	AAAGTCGCTCTGAGTTGTAT	21	Depositor's primer
2		CTTGACAGCTCGTCCATGCCGAG	24	RIKEN BRC
3	RV	GCTCACAAGACCTTAGGTCAG	21	RIKEN BRC

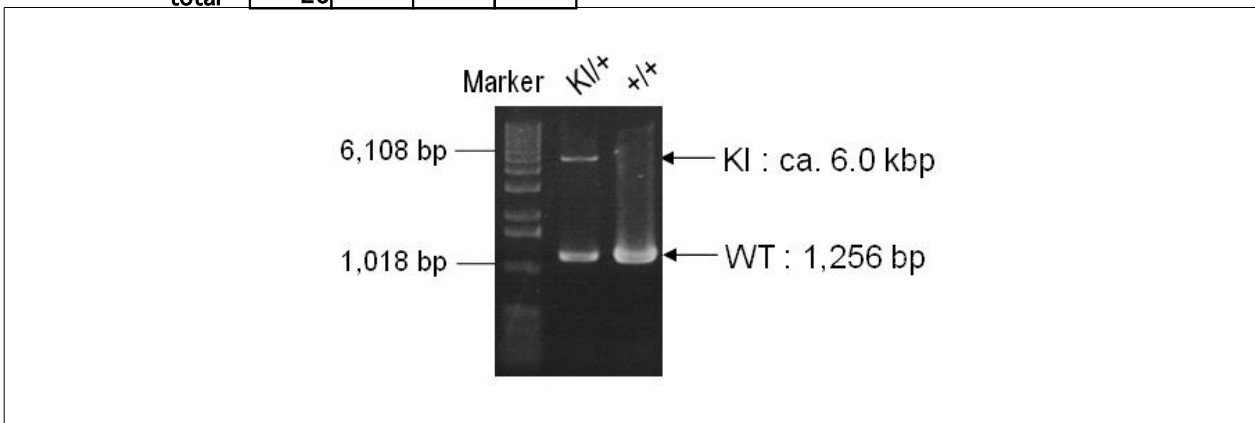
### Reaction Components

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/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>		<b>20</b>			

step	temp (°C)	time (sec)	note
1	94	120	
2	98	10*	
3	60	30*	
4	68	360*	*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 3	1,256 bp	WT
primer 1	primer 2	ca. 6.0 kbp	KI

**Comment** Novagen KOD Xtreme™ Hot Start DNA Polymerase can be purchased from EMD.