

RBRC 09435

Strain name B6-Gt(ROSA)26Sor<tm1 (Stop-3xFlag ESET,EGFP)>

Primer	primer_name	primer_seq	length	
1	R26F2	AAAGTCGCTCTGAGTTGTTAT	21	Nature Genetics 21, 70-71 (1999).
2	oIMR0316	GGAGCGGGAGAAATGGATATG	21	Nature Genetics 21, 70-71 (1999).
3	STOP-ROSAESET.Re	TTAGTCACTTCCCTGGATGC	20	Depositor's primer

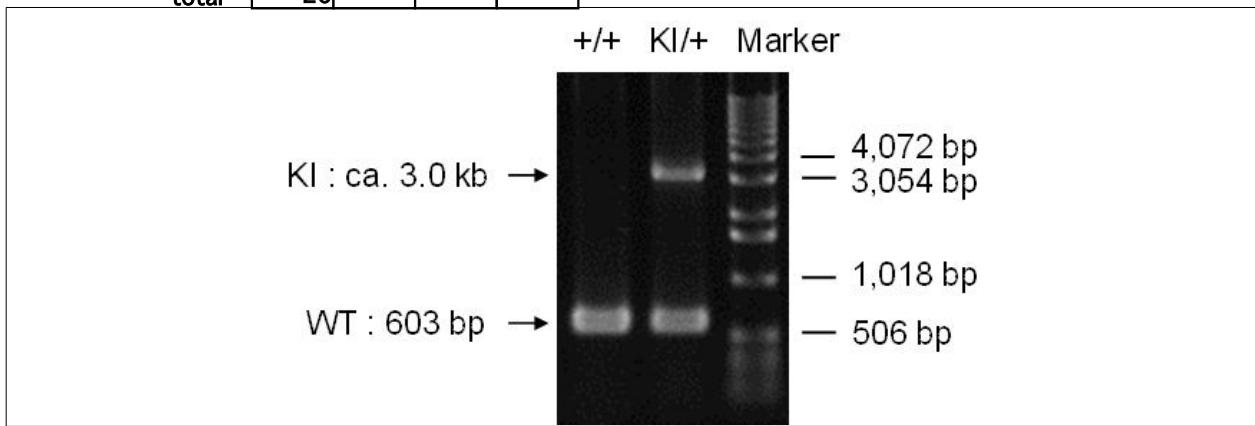
Reaction Components

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

step	temp (°C)	time (sec)	note
1	94	120	
2	98	10*	
3	60	30*	
4	68	240*	*Repeat for 30 cycles

	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			
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	603 bp	WT
primer 1	primer 3	ca. 3 kbp	KI

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