

RBRC 09616

Strain name B6.Cg-Pdgfra<tm1.1(EGFP/cre/ERT2)Hyma>

Primer	primer_name	primer_seq	length	
1	5'WT	AAGACGATTACACTGCCGATG	22	Genesis., 53, 329-336 (2015).
2	3'WT	AGACAGCTGAGGACCAGAAAGA	22	Genesis., 53, 329-336 (2015).
3	3'KI	TGGTGCAGATGAACTTCAGGGT	22	Genesis., 53, 329-336 (2015).

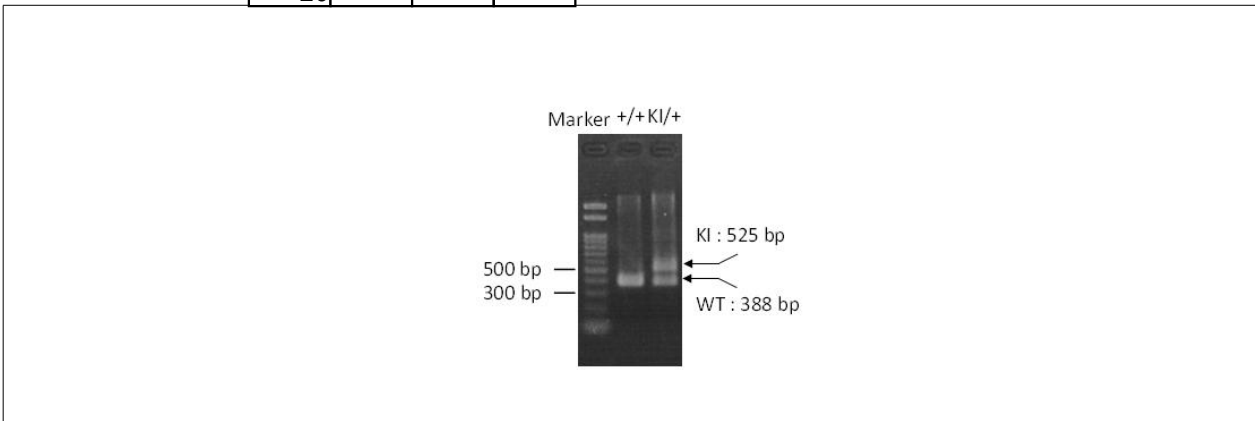
Reaction Components

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/ 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			

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



Marker

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

Gel

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

Comment

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

PCR products	primer_set	product_size	product
primer 1	primer 2	388 bp	WT
primer 1	primer 3	525 bp	KI