

RBRC 10172

Strain name B6;Cg-Sftpc^{tm1 (cre/ERT2)}Yasu>

[illegible]

Reaction Components

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

Reaction Conditions

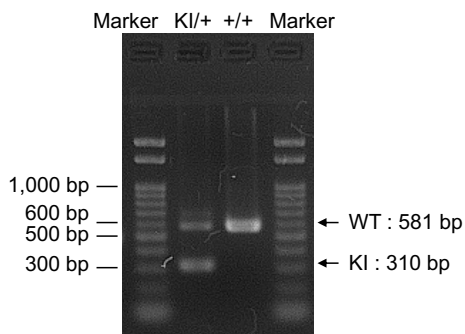
step	temp (°C)	time (sec)	note
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[illegible]

Reagent	Conc	Reaction 1	2	3	4
H ₂ O		1.8			(μL)
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			
					Martini
					Gelatin
total		20			

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

Gel	2% agarose in 1 X TAE (100 V, 30 min)
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primer_set		product_size	product (allele type)	
primer 1	primer 2	581 bp	WT	KI/+ : 581 bp, 310 bp +/+ : 581 bp
primer 1	primer 3	310 bp	KI	

Comment Standard PCR

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