

RBRC 10791

Strain name B6.Cg-Prox1 <tm1.1Ykaw>

[illegible]

Reaction Components

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

Reaction Conditions

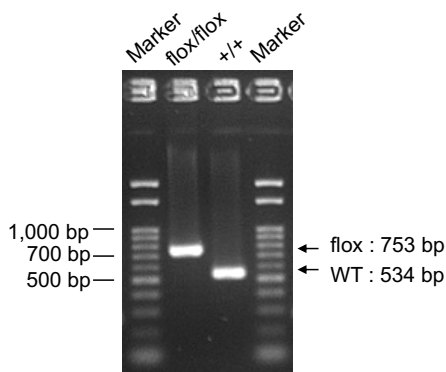
step	temp (°C)	time (sec)	note
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[illegible]

Reagent	Conc	Reaction 1	2	3	4	(μL)
H ₂ O		2.8				
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				
DNA		1.0				
Taq	1 U/ μl	0.2				
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	534 bp	WT	+/+ (wild-type): 534 bp flox/flox (homozygous): 753 bp
primer 1	primer 2	753 bp	flox	

Comment Standard PCR

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