

RBRC 11436

Strain name B6.129S6-Islr<tm1.1(cre/ERT2)Mat>

[illegible]

Reaction Components

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

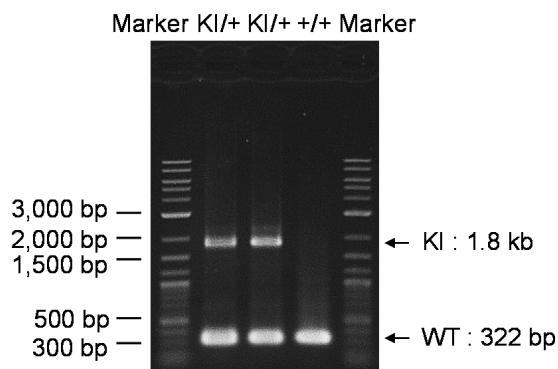
Reaction Conditions

[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				
						Mark
						Gel
total		20				

Marker	2-Log DNA Ladder (NEB, Cat. N3200)
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Gel	1% agarose in 1 X TAE (100 V, 30 min)
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primer_set		product_size	product (allele type)	
primer 1	primer 2	322 bp	WT	+/+ (wild-type): 322 bp KI/+ (heterozygous): 322 bp and 1.8 kb
primer 1	primer 3	1.8 kb	KI	

Comment Standard PCR

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