



Sheet ID PS_08096
Release date : 11/10/2021
Print date : 11/10/2021

Strain name C.Cg-Xcr1<tm4(cre)Ksho>

[illegible]

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

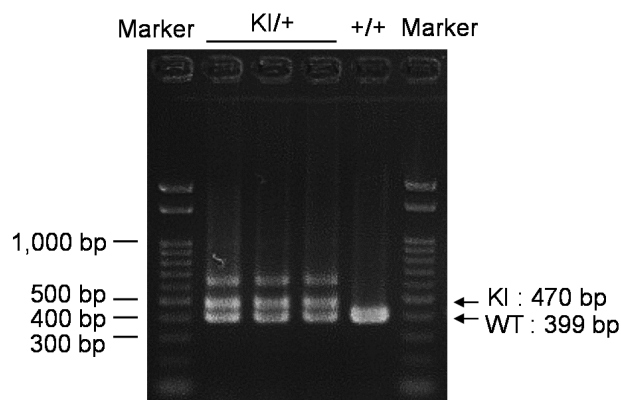
step	temp (°C)	time (sec)	note
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[illegible]

Reagent	Conc	Reaction 1	2	3	4	
H ₂ O		1.8				(μ L)
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				
						Mark
						Gel
	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	399 bp	WT	+/+ (wild-type): 399 bp KI/+ (heterozygous): 399 bp and 470 bp
primer 1	primer 3	470 bp	KI	

Comment Standard PCR

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