



Sheet ID PS_08327
Release date : 5/6/2022
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Strain name B6.Cg-Gprc5c<tm1Yhir>

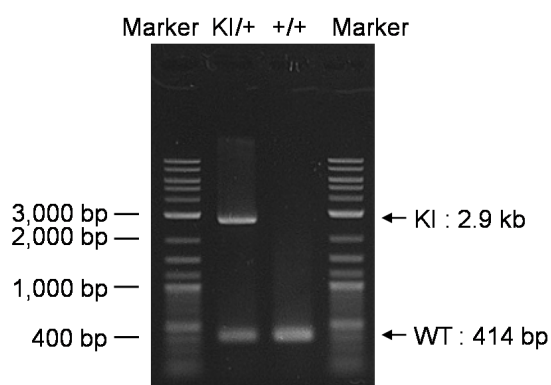
[illegible]

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

[illegible]

Marker	2-Log DNA Ladder (NEB, Cat. N3200)
Gel	1% agarose in 1 X TAE (100 V, 30 min)



primer_set		product_size	product (allele type)	
primer 1	primer 2	414 bp	WT	+/+ (wild-type): 414 bp KI/+ (heterozygous): 414 bp and 2.9 kb
primer 2	primer 3	2.9 kb	KI	

Comment Standard PCR

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