



PCR protocol

Sheet ID PS_07937
Release date : 4/15/2020
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Strain name C57BL/6J-Tg(CAG-EGFP,-TAp63c)1Taks

[illegible]

Reaction Components

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

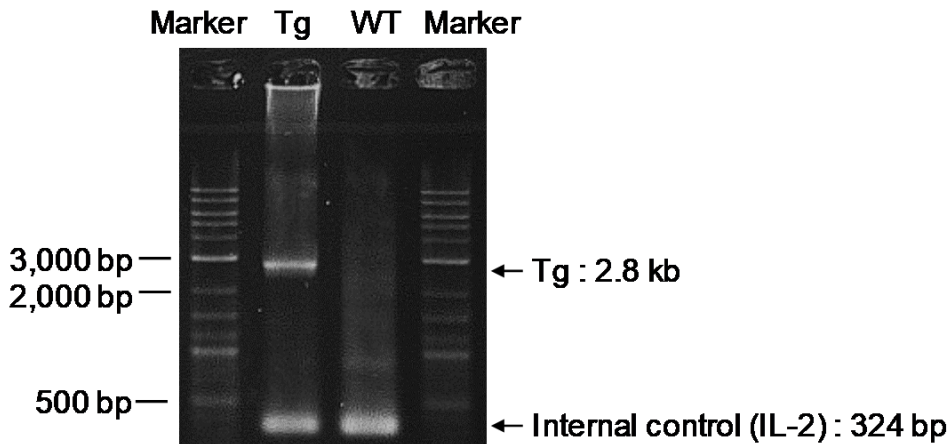
step	temp (°C)	time (sec)	note
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[illegible]

Reagent	Conc	Reaction 1	2	3	4	
H ₂ O		0.8				(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				
primer 4	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)

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	2.8 kb	Tg	Non-Tg : 324 bp
primer 3	primer 4	324 bp	Internal control (IL-2)	Tg : 324 bp and 2.8 kb

Comment Standard PCR

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