



Sheet ID PS_07974
Release date : 4/15/2020
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Strain name B6D2-Cabyr

[illegible]

Reaction Components

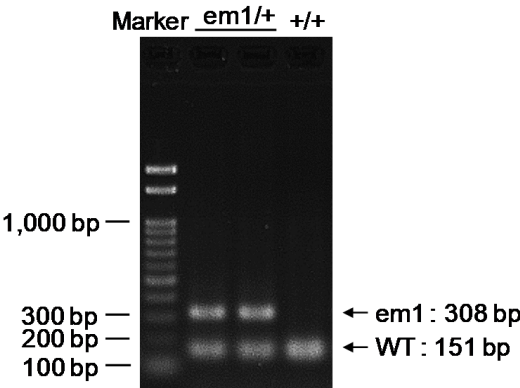
Enzyme	TOYOBO KOD FX (Code.No : KFX-101)
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Reagent	Conc	Reaction 1	2	3	4
H ₂ O		0.8			
PCR buffer	2 X	10.0			
dNTP	2.0 mM	4.0			
primer 1	10 pmol/ μ l	1.0			
primer 2	10 pmol/ μ l	1.0			
primer 3	10 pmol/ μ l	1.0			
primer 4	10 pmol/ μ l	1.0			
DNA		1.0			
Taq	1 U/ μ l	0.2			
total		20			

Reaction Conditions

[illegible]

Marker	Gene Ladder 100 (Wako, Cat. 316-06951)
Gel	2% agarose in 1 X TAE (100 V, 30 min)



primer_set		product_size	product (allele type)	
primer 1	primer 2	151 bp	WT	+/+ (wild-type): 151 bp em1/+ (heterozygous): 151 bp and 308 bp em1/em1 (homozygous): 308 bp
primer 3	primer 4	308 bp	em1	

Comment Standard PCR

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