



PCR protocol

Sheet ID PS_08000

Release date : 4/15/2020

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Strain name KIF-k (Acc. No.CDB0440K)

[illegible]

Reaction Components

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

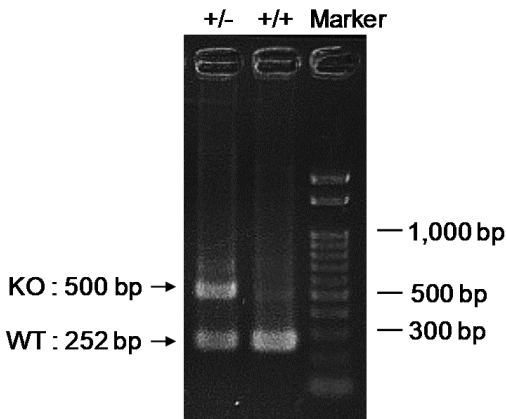
Reaction Conditions

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

Marker	Gene Ladder 100 (Wako, Cat. 316-06951)
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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	252 bp	WT	+/+ (wild-type): 252 bp +/- (heterozygous): 252 bp and 500 bp -/- (homozygous): 500 bp
primer 1	primer 3	500 bp	KO	

Comment Standard PCR

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