

RBRC 09769

Strain name B6.Cg-Gt(ROSA)26Sor⁺tm2.1(CAG-HIST1H2BJ)Shna⁺/24

[illegible]

Reaction Components

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

Reaction Conditions

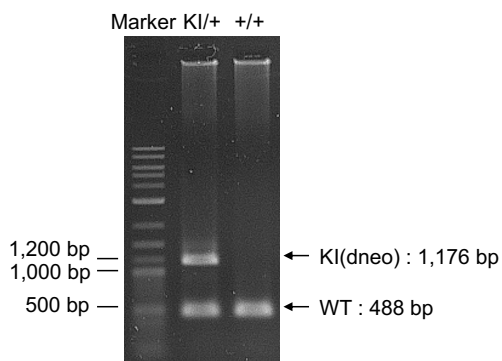
step	temp (°C)	time (sec)	note
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[illegible]

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				
						Martini
						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	488 bp	WT	+/+ (wild-type): 488 bp KI(dneo)/+ (heterozygous): 488 bp and 1176 bp
primer 2	primer 3	1,176 bp	KI(dneo)	

Comment Standard PCR

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