



Sheet ID PS_07813
Release date : 4/15/2020
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Strain name MSM-DeI(4D4Mit133-D4Mit166)78Arak/Yuwa

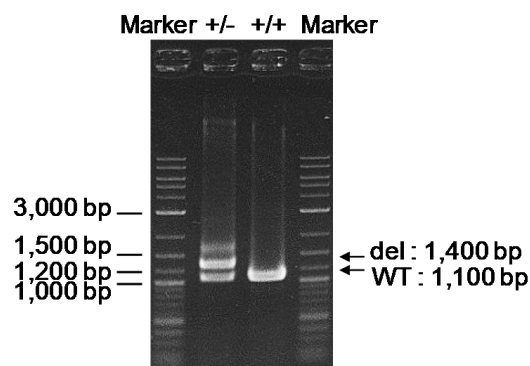
[illegible]

Enzyme	TOYOBOKOD FX (Code.No : KFX-101)
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Reagent	Conc	Reaction 1	2	3	4	
H2O		1.8				(μ L)
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				
DNA		1.0				
Taq	1 U/ μ l	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	1,100 bp	WT	+/+ (wild-type): 1,100 bp del/+ (heterozygous): 1,100 bp and 1,400 bp del/del (homozygous): 1,400 bp
primer 2	primer 3	1,400 bp	del	

Comment Standard PCR

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