



Sheet ID PS_08702
Release date : 4/4/2025
Print date : 4/4/2025

Strain name B6:C3-Mitf<mi-bw>

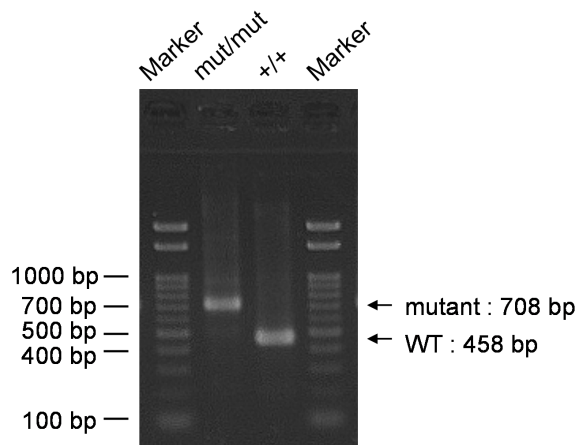
[illegible]

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

Reagent	Conc	Reaction 1	2	3	4	
H ₂ O		1.8				(μL)
PCR buffer	2 X	10.0				
dNTP	2 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				
						Mark
						Gel
total		20				

[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	458 bp	WT
primer 1	primer 3	708 bp	mutant

Comment Standard PCR

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