



Sheet ID PS_06168
Release date : 5/6/2022
Print date : 5/6/2022

Strain name B6.129P2-Pten^{tm2Mak}

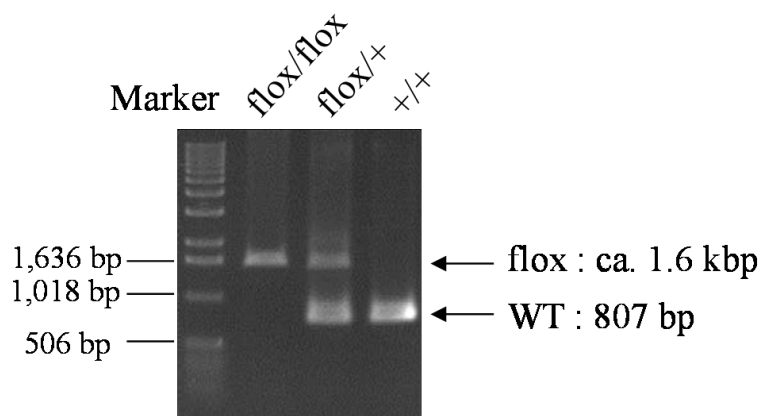
[illegible]

Enzyme	TOYOBO KOD 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	1 kb DNA ladder (Invitrogen, Cat. 15615-024)
Gel	1% agarose in 1 X TAE (100 V, 30 min)



primer_set		product_size	product (allele type)
primer 1	primer 2	807 bp	WT
primer 1	primer 2	ca. 1.6 kbp	flox
primer 1	primer 3	ca. 600 bp	null

Comment Standard PCR

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

RBRC 02300

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Reaction Components

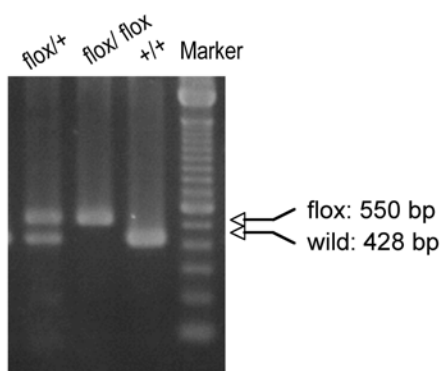
Enzyme TaKaRa Ex Taq (Cat. No. RR001A)

Reaction Conditions

[illegible][illegible]

Marker	100 bp ladder (Invitrogen, Cat. 15628-050)
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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	428 bp	WT
primer 1	primer 2	550 bp	flox

Comment Standard PCR