



PCR protocol

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Strain name B6.129-Nfe2l1<tm1.2Mym>

[illegible]

Reaction Components

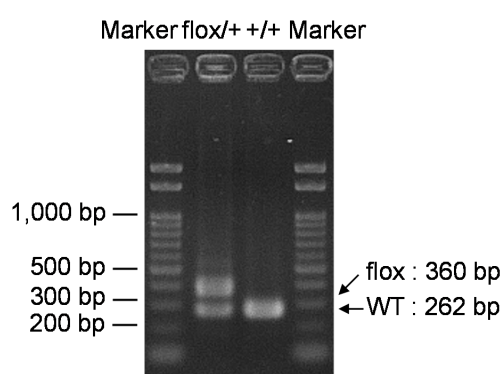
Enzyme TOYOBO KOD FX (Code.No : KFX-101)

Reaction Conditions

[illegible]

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		1.8			
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			
	total	20			

Standard PCR



Marker

Gene Ladder 100 (Wako, Cat. 316-06951)

Gel

2% agarose in 1 X TAE (100 V, 30 min)

Comment

PCR products	primer_set	product_size	product
primer 1	primer 2	262 bp	WT
primer 1	primer 2	360 bp	flox
primer 1	primer 3	2 kb	null (After cre mediated excision)

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