

RBRC 10298

Strain name C57BL6/J-Tg(Tmem240^{*}Y163^{*})901Kmik

[illegible]

Reaction Components

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

Reaction Conditions

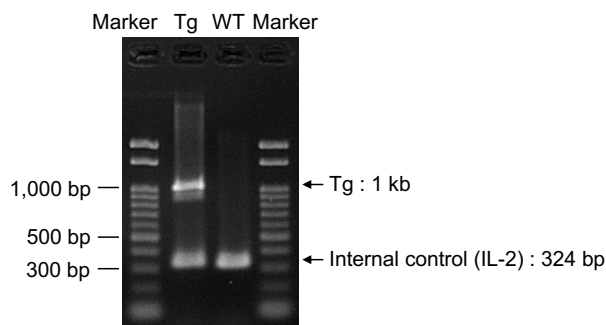
step	temp (°C)	time (sec)	note
------	--------------	---------------	------

[illegible]

Reagent	Conc	Reaction 1	2	3	4	
H ₂ O		0.8				(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				
primer 4	10 pmol/μl	1.0				
DNA		1.0				
Taq	1 U/μl	0.2				
						Martini
						Gel
total		20				

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	1 kb	Tg	Non-Tg : 324 bp Tg : 324 bp, 1 kb
primer 3	primer 4	324 bp	Internal control (IL-2)	

Comment Standard PCR

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