

RBRC 05446

Strain name B6(129)-Tg(Plp1-tTA)1Ike

Primer	primer_name	primer_seq	length	
1	PLPU-604	TTTCCCACATGGTCTCCCTTGAGCTT	24	Depositor's primer
2	mtTA24L	CGGAGTTGATCACCTTGGACTTGT	24	Depositor's primer
3	oIMR0042	CTAGGCCACAGAATTGAAAGATCT	24	JAX Genotyping Protocol
4	oIMR0043	GTAGGTGGAAATTCTAGCATCATCC	25	JAX Genotyping Protocol

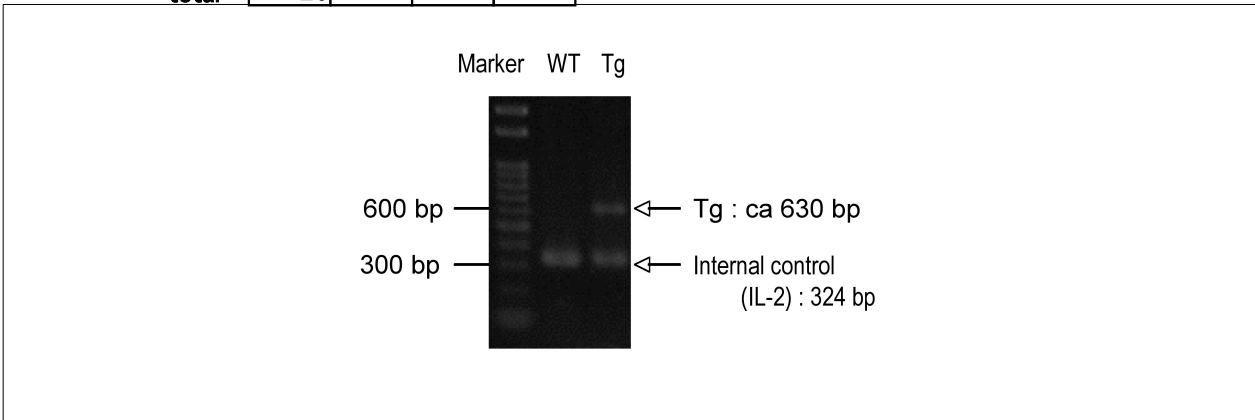
Reaction Components

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

Reaction Conditions

Conc	Run 1	Run 2	Run 3	Run 4
H2O	0.8			
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		
total		20		

step	temp (°C)	time (sec)	note
1	94	120	
2	98	10*	
3	60	30*	
4	68	60*	*Repeat for 30 cycles



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

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

PCR products

primer_set	product_size	product
primer 1 primer 2	ca 630 bp	Tg
primer 3 primer 4	324 bp	Internal control (IL-2)

Comment