

RBRC 11128

Strain name B6;Cg-Tg(Eqtn-EGFP)1Ktos

Primer	primer_name	primer_seq	length	Reference
1	Armc12-Tg_Fw	GAGGGACTGACGTTGGAAGG	20	Depositor's primer
2		AAAGGATCCTTAGTACAGCTCGTCCATGCC	30	Cell Tissue Res., 352(3):739-50 (2013).
3	oIMR0042	CTAGGCCACAGAATTGAAAGATCT	24	JAX Genotyping Protocol
4	oIMR0043	GTAGGTGGAAATTCTAGCATCATCC	25	JAX Genotyping Protocol

**Reaction Components**

Enzyme

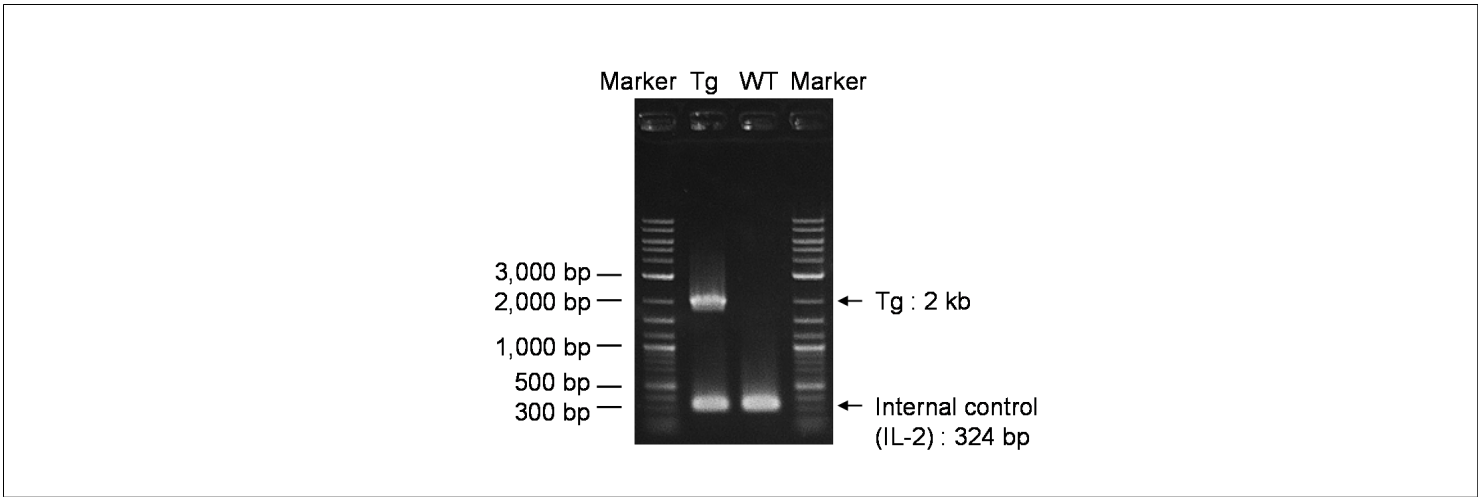
**Reaction Conditions**

step	temp (°C)	time (sec)	note
1	94	120	
2	98	10*	
3	60	30*	
4	68	180*	*Repeat for 30 cycles

Reagent	Conc	Reaction 1	2	3	4
H2O		0.8			
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			
primer 4	10 pmol/µl	1.0			
DNA		1.0			
Taq	1 U/µl	0.2			
<b>total</b>		20			

**Marker**

**Gel**



primer_set	product_size	product (allele type)	
primer 1	primer 2	2 kb	Tg
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.