

RBRC 01658 Strain name C57BL/6J-TgN(b-actin-hBACE1)riken 2

Primer	primer_name	primer_seq	length	
1	5Prime-pCAGGS	CCTTCTCTTTTTCTACAG	20	Depositor's primer
2	hBACE500A	GAAGAACTTGTCTGATTGAG	20	Depositor's primer
3	oIMR0015	CAAATGTTGCTTGTCTGGTG	20	JAX Genotyping Protocol
4	oIMR0016	GTCAGTCGAGTGCACAGTTT	20	JAX Genotyping Protocol

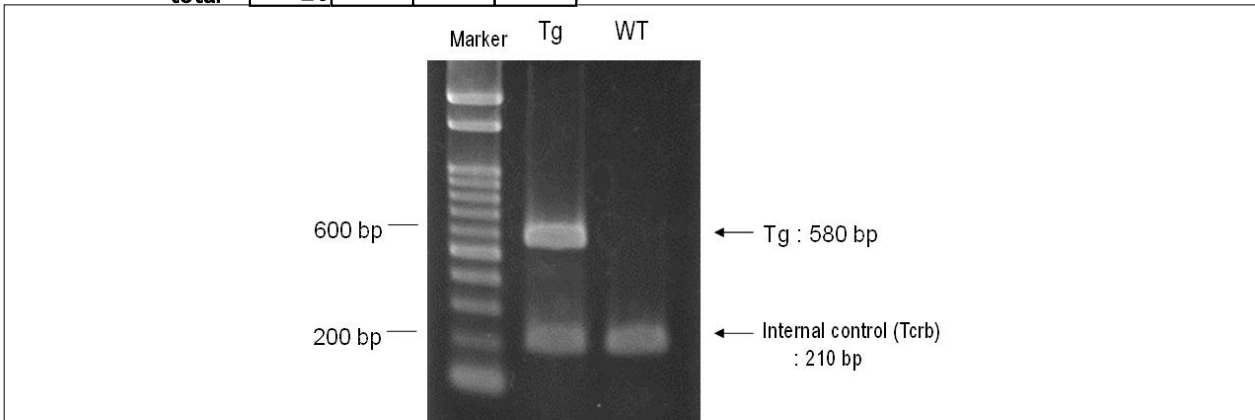
Reaction Components

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

Reaction Conditions

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		0.6			
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			
primer 4	10 pmol/ μ l	1.0			
DNA		1.0			
Taq	1 U/ μ l	0.4			
total		20			

step	temp (°C)	time (sec)	note
1	94	120	
2	98	10*	
3	55	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, 35 min)

PCR products		product_size	product
primer 1	primer 2		
primer 1	primer 2	580 bp	Tg
primer 3	primer 4	210 bp	Internal control (Tcrd)

Comment