

RBRC 04916 Strain name B6.129P2-Gnb1 <Gt(prvSStrap)4B8Yiw>

Primer	primer_name	primer_seq	length	
1	P1	CACTGGCTCTCTTTCTACCCGAAT	24	Dev Dyn., 239(4):1089-101 (2010).
2	P3	ACTCAGGAGGCAGAAGCAGA	20	Dev Dyn., 239(4):1089-101 (2010).
3	P2	ACCTGAAATGACCCTGTGCCTTAT	24	Dev Dyn., 239(4):1089-101 (2010).

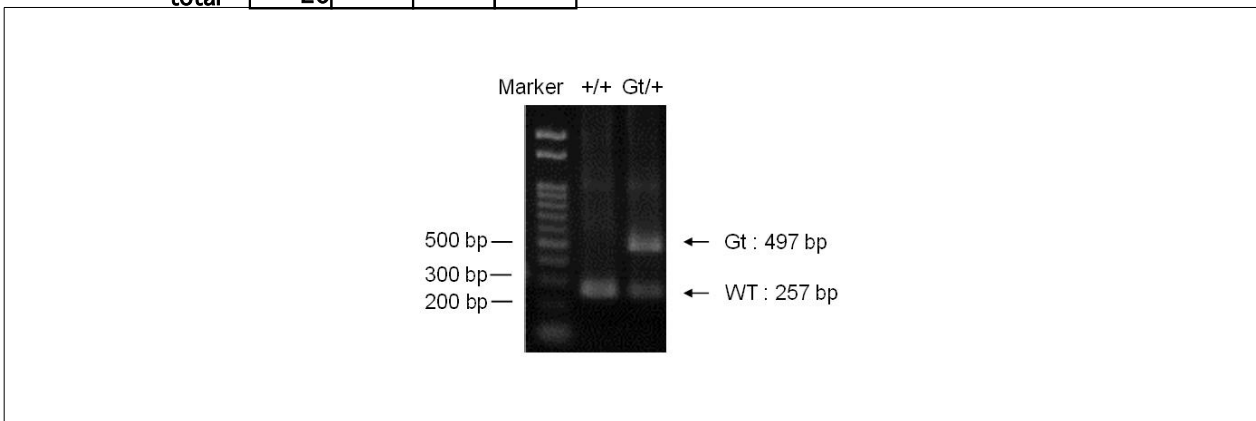
Reaction Components

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

Reaction Conditions

	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			

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	257 bp	WT
primer 1	primer 3	497 bp	Gt

Comment