

RBRC 09599

Strain name FVB.129S6-Cd109<tm1Mat>

Primer	primer_name	primer_seq	length	
1		CTGCTTATTCACCTCCGGGCATC	22	RIKEN BRC
2	0847_3mCD109_11305	GTGTGACTGTTAGACAGTGCAG	22	Am. J. Pathol., 181, 1180-1189
3	lacZ-R	CGCATCGTAACCGTGCATCTGCC	23	RIKEN BRC

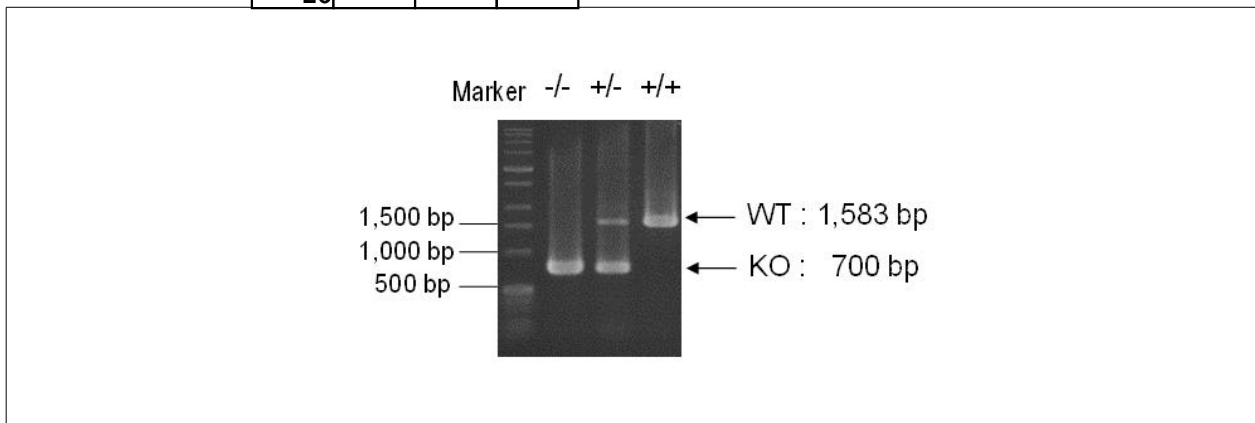
Reaction Components

Enzyme TaKaRa LA Taq with GC buffer (Cat. No. RR02AG)

Reaction Conditions

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	60	30*	
4	72	120*	*Repeat for 30 cycles
5	72	300	

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		3.9			
PCR buffer	2 X GC I	10.0			
dNTP	2.5 mM	2.0			
primer 1	10 pmol/µl	1.0			
primer 2	10 pmol/µl	1.0			
primer 3	10 pmol/µl	1.0			
DNA		1.0			
Taq	5U/µl	0.1			
total		20			



Marker

DNA Ladder, 1 kb Plus (Affymetrix, Cat. 76714 500 UL)

Gel

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

Comment

PCR products	primer_set	product_size	product
primer 1	primer 2	1,583 bp	WT
primer 1	primer 3	700 bp	KO