

RBRC 04607

Strain name B6;129P2-Ciz1<tm1.1Homy>

Primer	primer_name	primer_seq	length	Reference
1	Ciz-3	GGTGCTAGAGTTGTGAGGACCTGGCGATG	29	Depositor's primer
2	Ciz-4	AAGTGAAGGCATCTGGCGTCAAGTTCTGT	29	Depositor's primer

Reaction Components

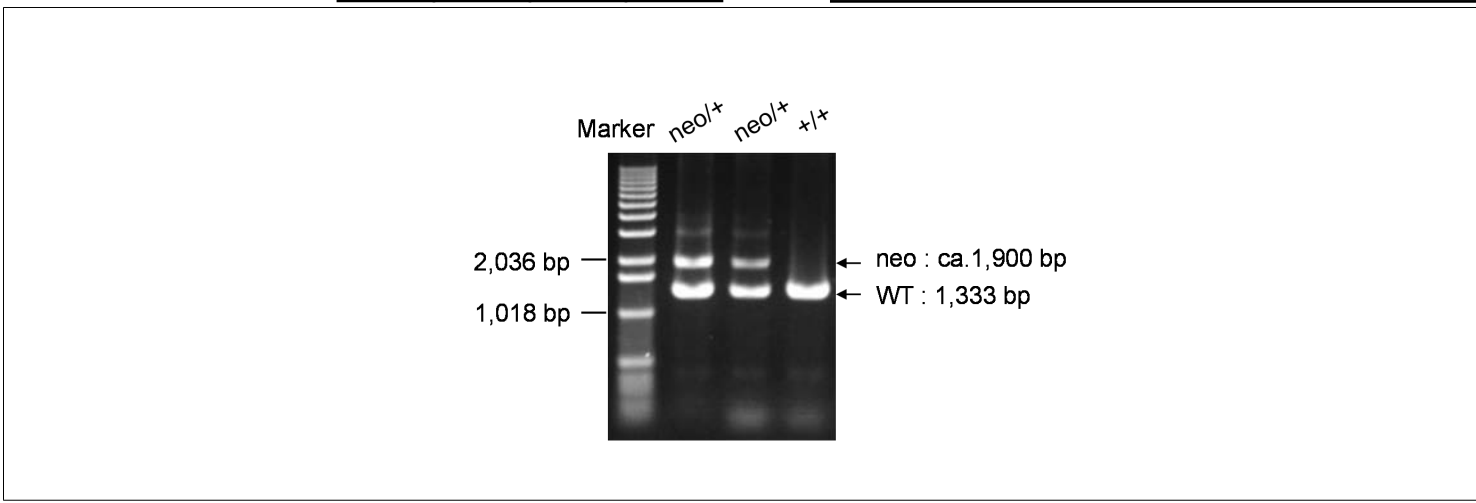
Enzyme TaKaRa Ex Taq (Cat. No. RR001A)

Reagent	Conc	Reaction 1	2	3	4	(μ L)
H2O		13.3				
PCR buffer	10 X	2.0				
dNTP	2.5 mM	1.6				
primer 1	10 pmol/ μ l	1.0				
primer 2	10 pmol/ μ l	1.0				
DNA		1.0				
Taq	5 U/ μ l	0.1				
total		20				

Reaction Conditions

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

Marker 1 kb DNA ladder (Invitrogen, Cat. 15615-024)
Gel 1% agarose in 1 X TAE (100 V, 30 min)



primer_set	product_size	product (allele type)
primer 1	primer 2	1333 bp WT
primer 1	primer 2	ca 1900 bp neo

Comment Standard PCR