

BRC_No 01350

Strain name C57BL/6 PRIP-1^{-/-} (PRIP-1 KO, p130 KO)

Primer

	primer_name	primer_seq	length
1	primer1	ACACAGTCACATGGATTCTGTCTGC	25
2	primer2	GTGGGGGTGGGGTGGGATTA	20
3	primer3	CAAGCGTTGCTTACTACGAGAGACC	26

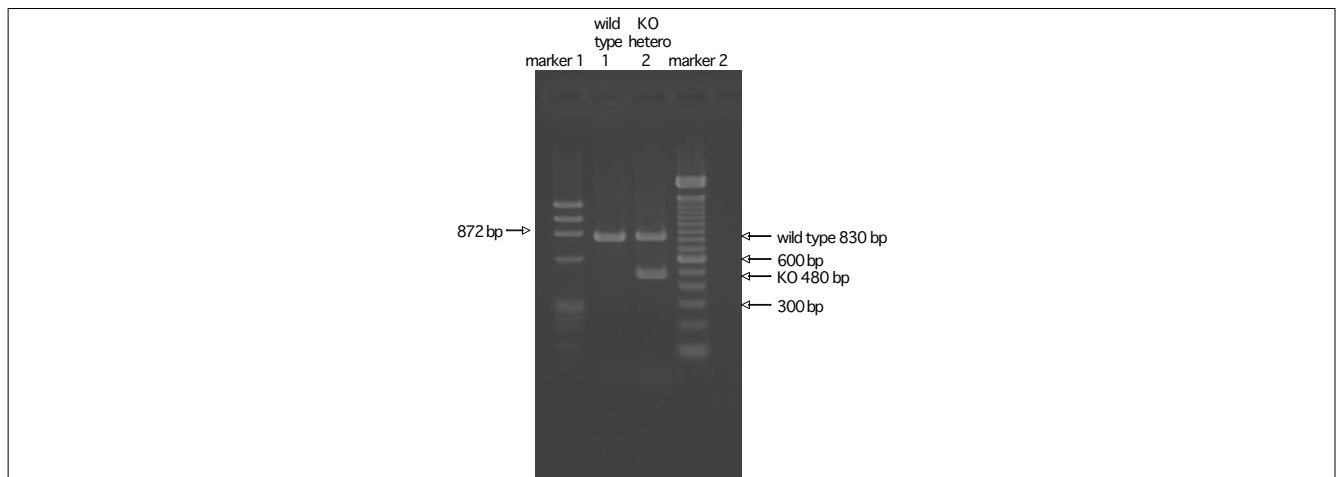
Reaction Components

Enzyme TaKaRa LA Taq

Reaction Conditions

	Conc	Run 1	Run 2	Run 3
H2O		3.8		
PCR buffer	2 X	10.0		
dNTP	2.5 mM	2.0		
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		0.2		
total		20		

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	65	30*	
4	72	60*	*Repeat for 30 cycles
5	72	300	



Marker

marker 1: ϕ X174 Hae III, marker2: 100 bp ladder (Invitrogen, Cat.

Gel

2% agarose in 1 X TAE (100 V, 30 min)

Comment

PCR products

primer_set	product_size	product
primer 1 primer 3	480 bp	KO
primer 1 primer 2	830 bp	wild