

RBRC 02692

Strain name B6.129X1-Lilrb4<tm1Ttk>

Primer	primer_name	primer_seq	length	Reference
1	PGKR	ACCGGTGGATGTGGAATGTGTG	22	Depositor's primer
2	Gp49BE2R	GTCCTGGGTTCCAGAATAAGAC	22	Depositor's primer
3	Gp49BU	TCTGCTCTTAGGAAATTACAGAA	23	Depositor's primer

Reaction Components

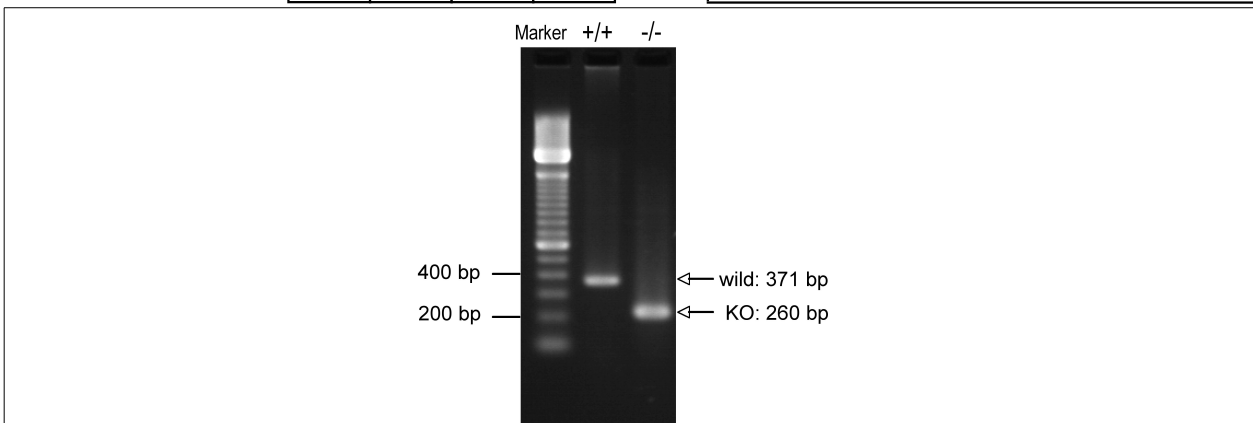
Enzyme TaKaRa Ex Taq (Cat. No. RR001A)

Reagent	Conc	Reaction 1	2	3	4
H2O		16.3			
PCR buffer	10 X	2.5			
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		25			

Reaction Conditions

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	55	30*	
4	72	60*	*Repeat for 35 cycles
5	72	300	

Marker 100 bp ladder (Invitrogen, Cat. 15628-050)
Gel 2% agarose in 1 X TAE (100 V, 30 min)



primer_set	product_size	product (allele type)
primer 1	primer 2	260 bp KO
primer 3	primer 2	371 bp WT

Comment Standard PCR