

RBRC 01601

Strain name mTERT KO mice

Primer	primer_name	primer_seq	length	Reference
1	A	GCGTGGAGTATCCTCCTGCATCTCTA	26	Depositor's primer
2	B	CCTAAAGGACTTGTGGACTTGGCCTT	26	Depositor's primer
3	C	AGGATTGGGAAGACAATAGCAGGCAT	26	Depositor's primer

Reaction Components

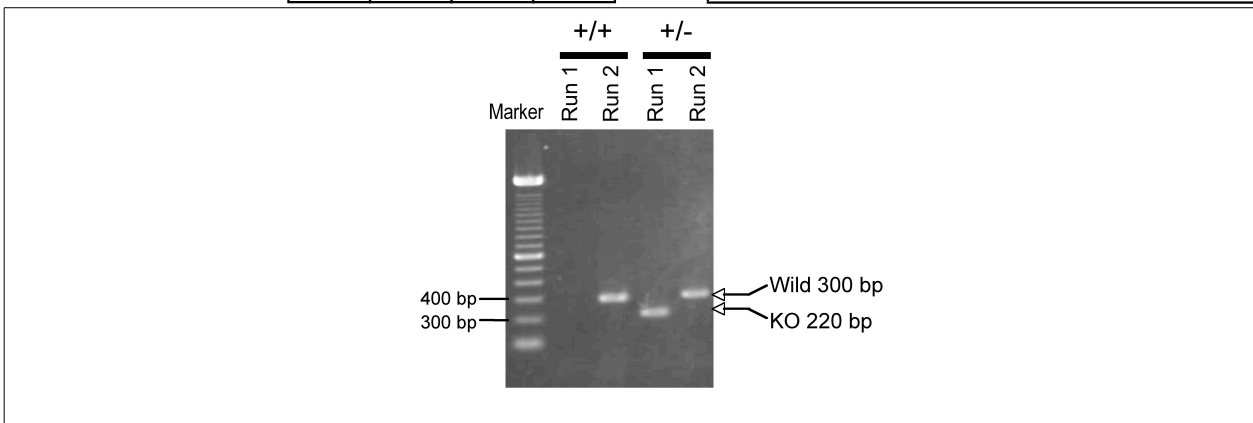
Enzyme Roche Taq (Cat. No. BM1418432)

Reagent	Conc	Reaction 1	2	3	4
H2O		17.3	17.3		
PCR buffer	10 X	2.5	2.5		
dNTP	2.5 mM	2.0	2.0		
primer 1	10 pmol/ μ l	1.0	1.0		
primer 2	10 pmol/ μ l	0	1.0		
primer 3	10 pmol/ μ l	1.0	0		
DNA		1.0	1.0		
Taq		0.2	0.2		
total		25	25		

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 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 3	220 bp	KO
primer 1 primer 2	300 bp	WT

Comment Separated PCR