

RBRC 10477

Strain name C57BL6-+/ter

Primer	primer_name	primer_seq	length	Reference
1	Dnd1-F	TTCCGCCTAATGATGACC	18	Depositor's primer
2	exon3_WT	CTTTTTGGCCATAGCAGCAGCTAG	24	RIKEN BRC
3	exon3_MT	CTTTTTGGCCATAGCAGCAGCTAA	24	RIKEN BRC

Reaction Components

Enzyme

Reaction Conditions

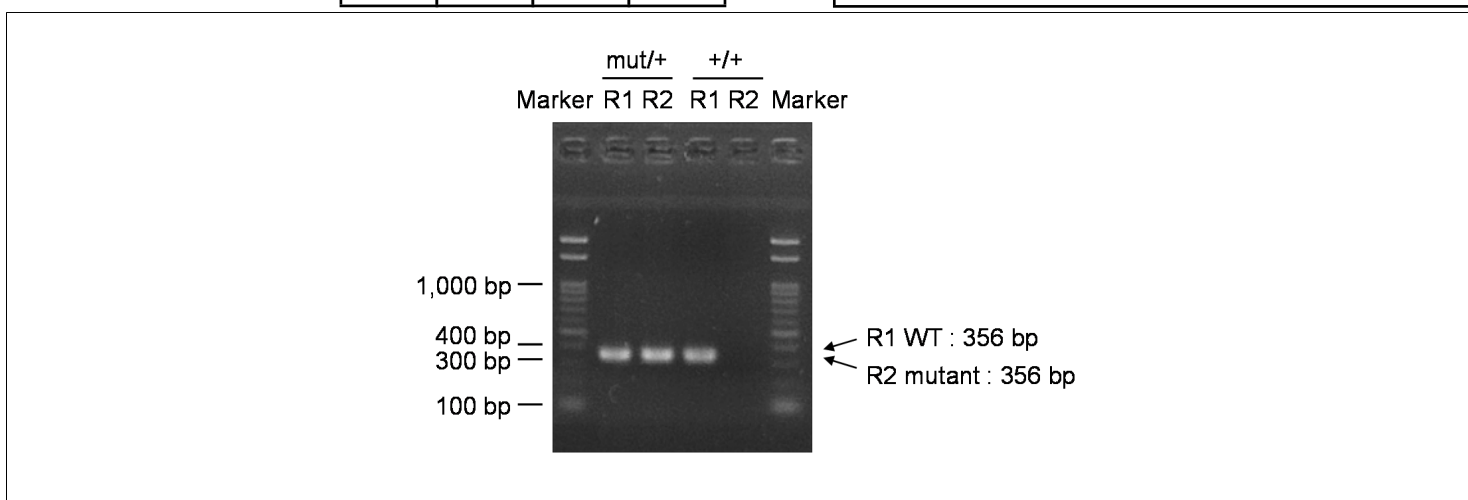
step	temp (°C)	time (sec)	note
1	95	900	
2	94	30*	
3	60	90*	
4	72	60*	*Repeat for 30 cycles

Reagent	Conc	Reaction 1	2	3	4
H2O		2.0	2.0		
primer 1	10 pmol/μl	1.0	1.0		
primer 2	10 pmol/μl	1.0	0		
primer 3	10 pmol/μl	0	1.0		
DNA		1.0	1.0		
Master Mix	2 X	5.0	5.0		
total		10	10		

(μL)

Marker

Gel



primer_set	product_size	product (allele type)	
primer 1	primer 2	356 bp	WT
primer 1	primer 3	356 bp	mutant

Comment [Allele specific PCR \(ASP\)](#)