

RBRC 09423

Strain name C57BL/6N-Rlim<em2Rbrc>

Primer	primer_name	primer_seq	length	Reference
1	common	CTCTTGCTCTGGTTCTCCGATG	22	RIKEN BRC
2	wt	AGATTGGCTTAACTCAGTCAGACAG	25	RIKEN BRC
3	del	GATGATGTGACCAACAGTGATTCAG	25	RIKEN BRC

### Reaction Components

Enzyme

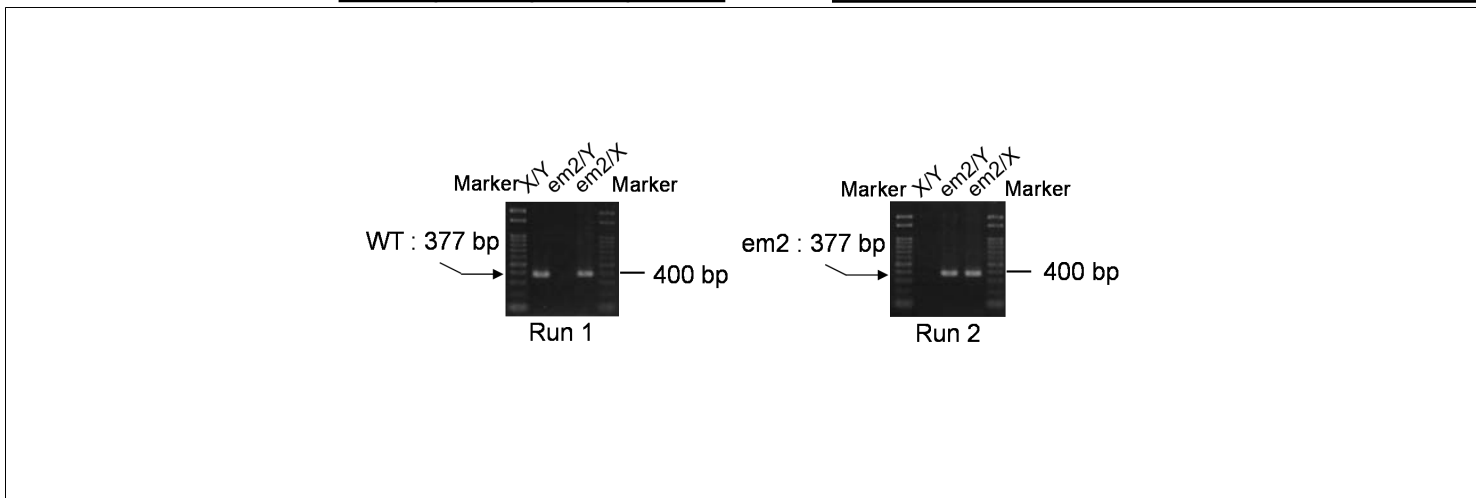
Reagent	Conc	Reaction 1	2	3	4
H2O		13.3	13.3		
PCR buffer	10 X	2.0	2.0		
dNTP	2.5 mM	1.6	1.6		
primer 1	10 pmol/μl	1.0	1.0		
primer 2	10 pmol/μl	1.0	0		
primer 3	10 pmol/μl	0	1.0		
DNA		1.0	1.0		
Taq	5 U/μl	0.1	0.1		
<b>total</b>		20	20		

### Reaction Conditions

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

Marker

Gel



primer_set	product_size	product (allele type)	
primer 1	primer 2	377 bp	WT
primer 1	primer 3	377 bp	em2

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