

RBRC 10867

Strain name C57BL/6-Chil3^{em1}Jnam

Primer	primer_name	primer_seq	length	Reference
1	common	TGTATGCAACCGAGTCATTGGATG	24	RIKEN BRC
2	Wild	TTACCAGGTTTGAAACTCCCTTCTA	25	RIKEN BRC
3	sc_208-262_F3	AGTTGGGCTAAGGACAGGGAGT	22	Depositor's primer
4	common	GACCATTCAATGCTTCATAGTCAC	24	RIKEN BRC

Reaction Components

Enzyme

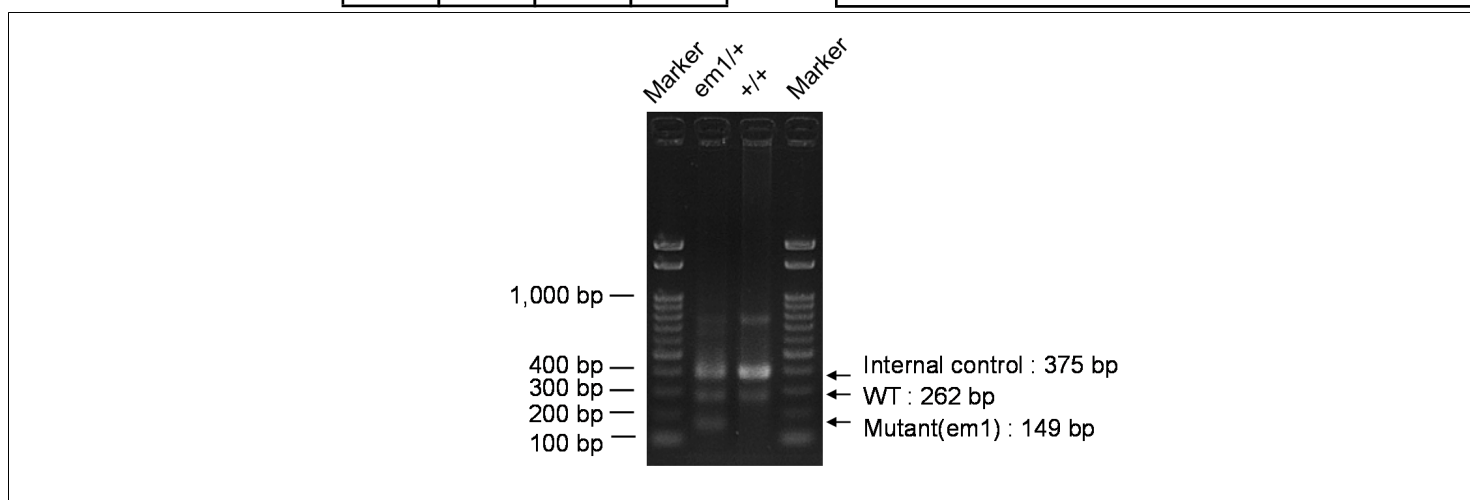
Reagent	Conc	Reaction 1	2	3	4	(μL)
primer 1	10 pmol/μl	1.0				
primer 2	10 pmol/μl	1.0				
primer 3	10 pmol/μl	1.0				
primer 4	10 pmol/μl	1.0				
Master Mix	2 X	5.0				
DNA		1.0				
total		10				

Reaction Conditions

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

Marker

Gel



primer_set	product_size	product (allele type)
primer 1 primer 2	262 bp	WT
primer 3 primer 4	149 bp	mutant
primer 1 primer 4	375 bp	Internal control

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