

RBRC 09760

Strain name C57BL/6N-Ube2j2<em1Rbrc>

Primer	primer_name	primer_seq	length	
1	ck_MGE127-F	AAAGAAAAAGAAATGTATTTGCTAG	25	RIKEN DNA Bank
2	ck_MGE127-R	CTGAGATTCAATGCCAGCCTATTCT	25	RIKEN DNA Bank

Reaction Components

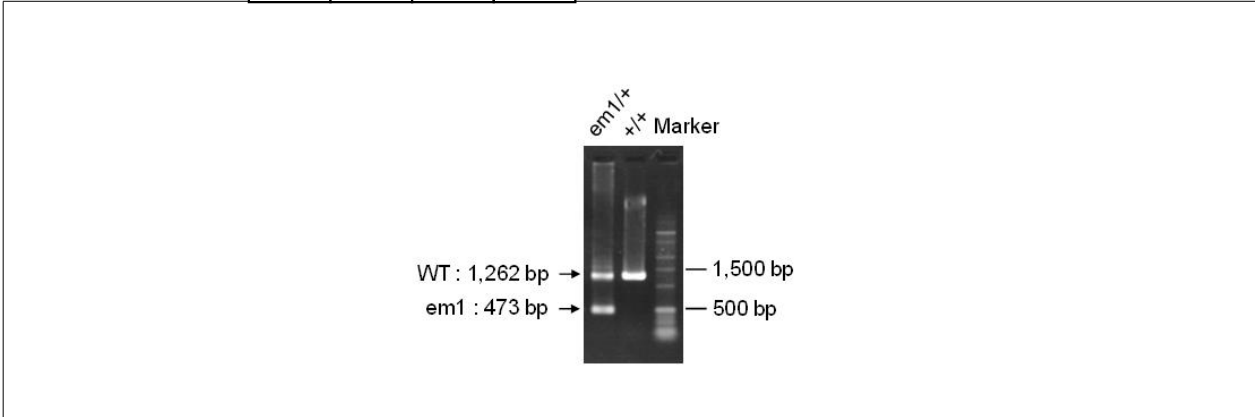
Enzyme TOYOBO KOD FX (Code.No : KFX-101)

Reaction Conditions

step	temp (°C)	time (sec)	note
1	94	120	
2	98	10*	
3	60	30*	
4	68	180*	*Repeat for 30 cycles

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		2.8			
PCR buffer	2 X	10.0			
dNTP	2.0 mM	4.0			
primer 1	10 pmol/μl	1.0			
primer 2	10 pmol/μl	1.0			
DNA		1.0			
Taq	1 U/μl	0.2			
total		20			

Standard PCR



Marker
DNA Ladder, 1 kb Plus (Affymetrix, Cat. 76714 500 UL)

Gel
1% agarose in 1 X TAE (100 V, 30 min)

PCR products	primer_set	product_size	product
primer 1	primer 2	1,262 bp	WT
primer 1	primer 2	473 bp	em1

Comment

Novagen KOD Xtreme™ Hot Start DNA Polymerase can be purchased from EMD.