PCR protocol

Sheet ID PS_04534
Release date : 08/01/2012
Print date : 8/1/2012

RBRC 05197 **Strain name** B6;129P2-Mll1<tm1Tok>

Primer

	primer_name	primer_seq	length		
1	WT_Fw	TGGTTGCCTGAACTCTGTGTTGC	23		RIKEN BRC
2	Mll genome 3	GACCTGGAAATGAATGAAAGG	21		Depositor's primer
3	B22-Fneo	CCGCTTCCTCGTGCTTTAC	19		Depositor's primer

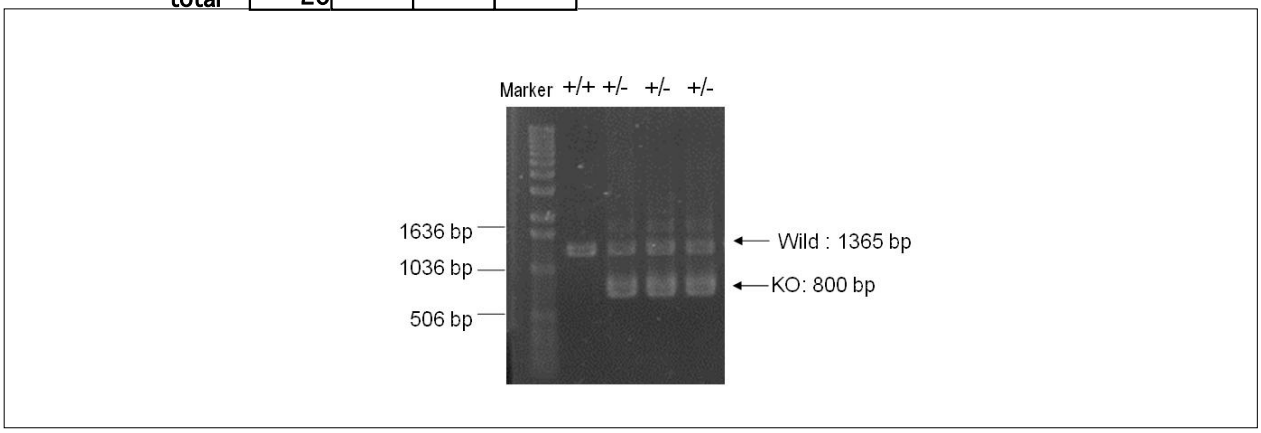
Reaction Components

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

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		1.8			
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			
primer 3	10 pmol/μl	1.0			
DNA		1.0			
Taq	1 U/μl	0.2			
	total	20			

Reaction Conditions

step	temp (℃)	time (sec)	note
1	94	120	
2	98	10	*
3	57	30	*
4	68	90	* *Repeat for 30 cycles



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	1365 bp	WT
primer 1	primer 3	ca 800 bp	KO

Comment