

PCR protocol

RBRC 04060

Strain name 129S6/SvEvTac-Foxp2 <tm1 Momo>

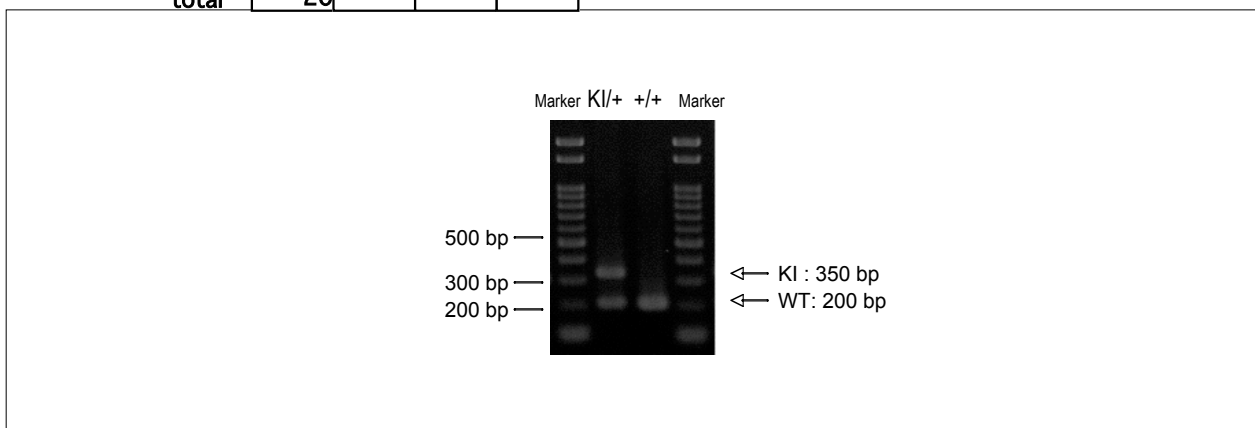
Primer	primer_name	primer_seq	length	
1	Foxp2-552F	GATGGTCAAGACCCACTAGT	20	Depositor's primer
2	Foxp2-552R	AGGAGGAGACAGCATGCATT	20	Depositor's primer

Reaction Components

 Enzyme
Reaction Conditions

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

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		13.3			
PCR buffer	10 X	2.0			
dNTP	2.5 mM	1.6			
primer 1	10 pmol/ μ l	1.0			
primer 2	10 pmol/ μ l	1.0			
DNA		1.0			
Taq		0.1			
	total	20			


Marker

Gel

PCR products			
	primer_set	product_size	product
primer 1	primer 2	200 bp	WT
primer 1	primer 2	350 bp	Kl

Comment