

RBRC 11852

Strain name B6.Cg-Tlr13<tm1Ksho>

Primer	primer_name	primer_seq	length	Reference
1	Tlr13-ex1	TCGGAAACCTACCCAAGTTAGAGACAC	27	Depositor's primer
2	Tlr13-WT	TAACTCCTGCAAACCTACCCAATCCTTG	27	Depositor's primer
3	TK5	CAAACCCCGCCCAGCGTCTTGTC	23	RIKEN BRC

Reaction Components

Enzyme

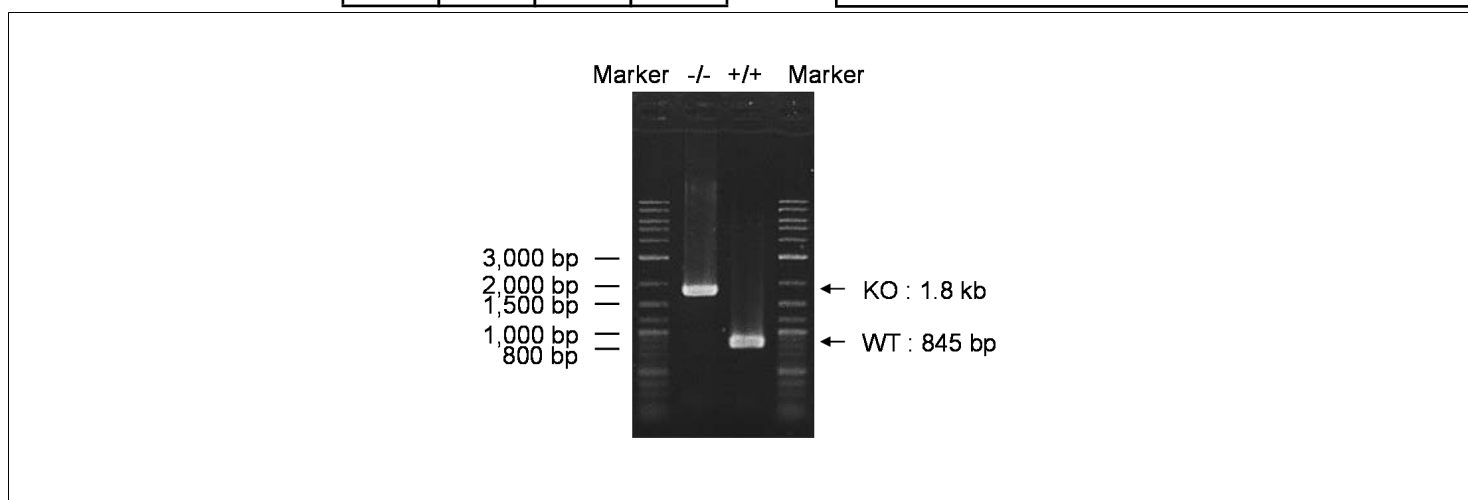
Reaction Conditions

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

Reagent	Conc	Reaction 1	2	3	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			

Marker

Gel



primer_set	product_size	product (allele type)
primer 1	845 bp	WT
primer 1	1.8 kb	KO

Comment

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