

RBRC 02890 Strain name B6;129-Aqp6<tm1Mysi>

Primer	primer_name	primer_seq	length	
1	5' primer 1	GCTCCAGATCGCCATCACC	19	Depositor's primer
2		CTAGGGGAGGAGTAGAAGG	19	Depositor's primer
3	3' primer	CGGGGCAGCTCAGAATAGC	19	Depositor's primer

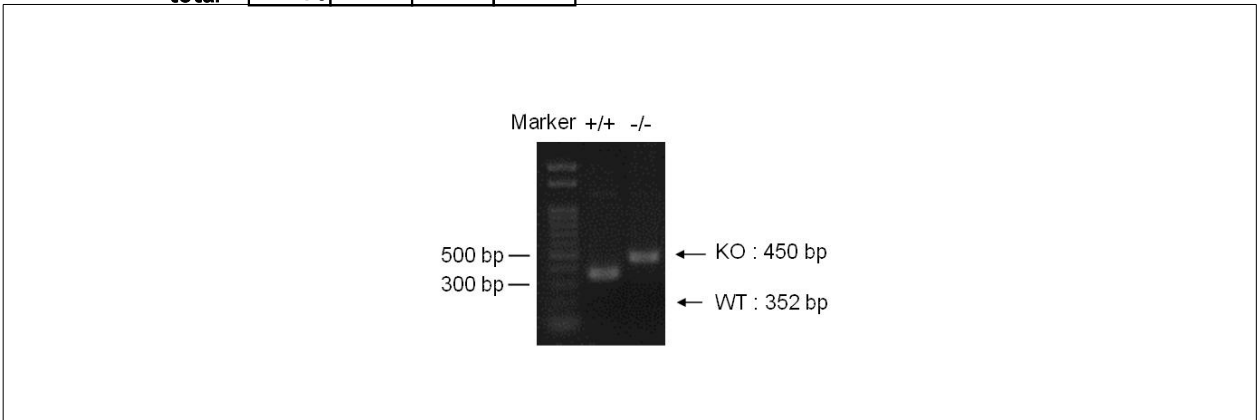
Reaction Components

Enzyme QIAGEN Multiplex PCR Kit (Cat. No. 206143)

Reaction Conditions

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		1.0			
primer 1	10 pmol/ μ l	1.0			
primer 2	10 pmol/ μ l	1.0			
primer 3	10 pmol/ μ l	1.0			
DNA		1.0			
Master Mix	2 X	5.0			
total		10			

step	temp (°C)	time (sec)	note
1	95	900	
2	94	30*	
3	60	90*	
4	72	60*	*Repeat for 30 cycles
5	72	300	



Marker
100 bp ladder (Invitrogen, Cat. 15628-050)

Gel
2% agarose in 1 X TAE (100 V, 30 min)

PCR products

	primer_set	product_size	product
primer 1	primer 3	352 bp	WT
primer 2	primer 3	450 bp	KO

Comment