

PCR protocol

RBRC 01475

Strain name Agouti Fas-KO

Primer	primer_name	primer_seq	length	
1	Fas sense	GCTTGAGTAAATACATCCCG	20	Depositor's primer
2	Fas antisense	TGTCCATCAATGGAAGGTCT	20	Depositor's primer
3	NeoR primer	GATTCGCAGCGCATCGCCTTCTATCG	26	Depositor's primer

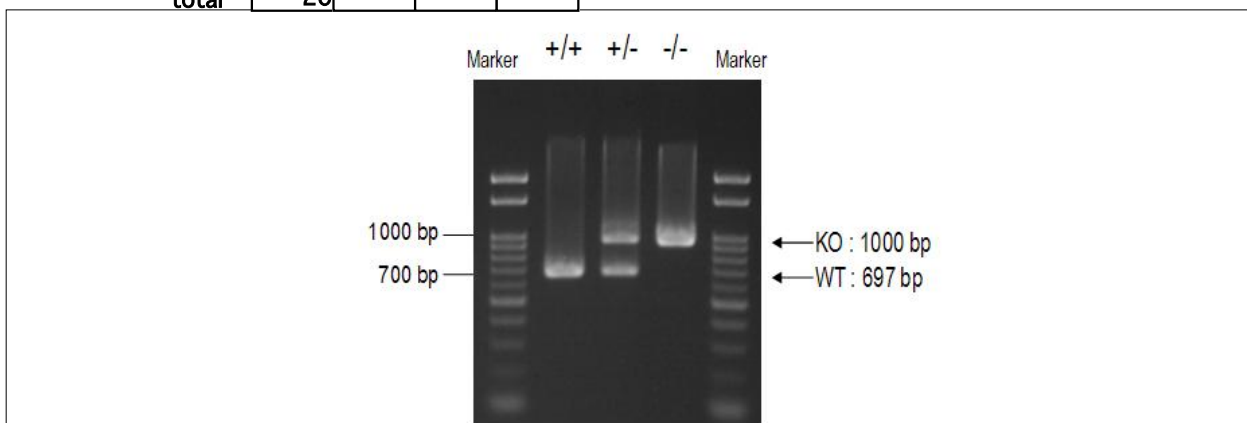
Reaction Components

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

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		1.8			
PCR buffer	2 X	10.0			
dNTP	2 mM	4.0			
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			
Taq		0.2			
total		20			

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



Marker
Gene Ladder 100 (Wako, Cat. 316-06951)
Gel
2% agarose in 1 X TAE (100 V, 35 min)

PCR products			
primer_set	product_size	product	
primer 1	primer 2	697 bp	WT
primer 2	primer 3	1000 bp	KO

Comment