

PCR protocol

RBRC 01949

Strain name Tsix スプライシング欠損マウス

Primer	primer_name	primer_seq	length
1	IVSR	CTTAGCGCAGAAGTCATGCC	20
2	Xist1175F	GTGTGCATATGGACCCCTGG	20
3	Xist1980	TGTCCTTGAAATGGCCTTAG	20

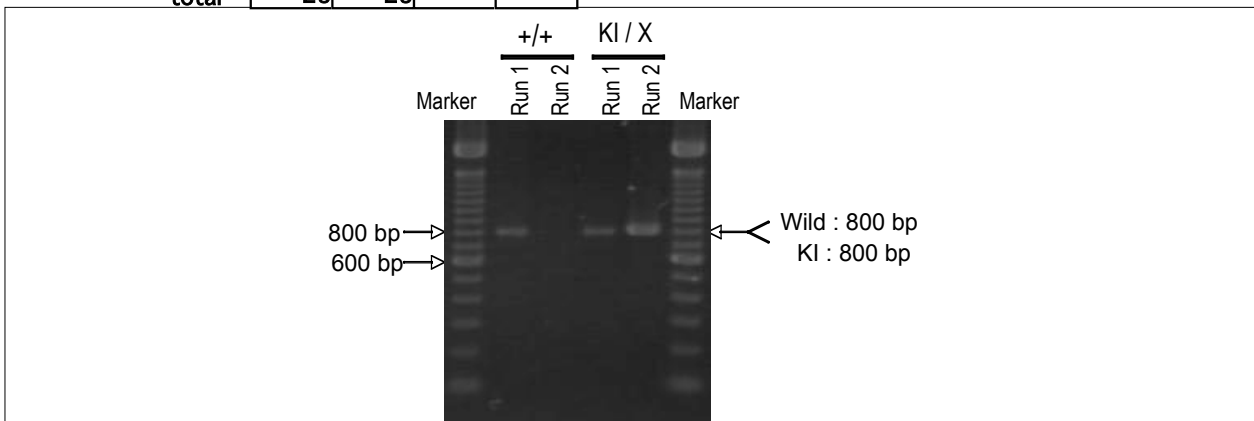
Reaction Components

Enzyme Roche Taq (Cat. No. BM1418432)

Reaction Conditions

Conc	Run 1	Run 2	Run 3	Run 4
H2O	17.3	17.3		
PCR buffer	2.5	2.5		
dNTP	2.0	2.0		
primer 1	0	1.0		
primer 2	1.0	1.0		
primer 3	1.0	0		
DNA	1.0	1.0		
Taq	0.2	0.2		
total	25	25		

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	60	30*	
4	72	60*	*Repeat for 35 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 2 / primer 3	800 bp	WT
primer 1 / primer 2	800 bp	KI

Comment