

RBRC 09609

Strain name B6.129-Gfra1<tm2.1Jmi>

Primer	primer_name	primer_seq	length	Reference
1	P1	CTTCCAGGTTGGGTCGGAACTGAACCC	27	Development, 134: 2171-2181(2007).
2	P2	AGAGAGCTCAGCGTGCAGAGATC	23	Development, 134: 2171-2181(2007).
3	P3	TTTACGTCGCCGTCCAGCTCGA	22	Development, 134: 2171-2181(2007).

### Reaction Components

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

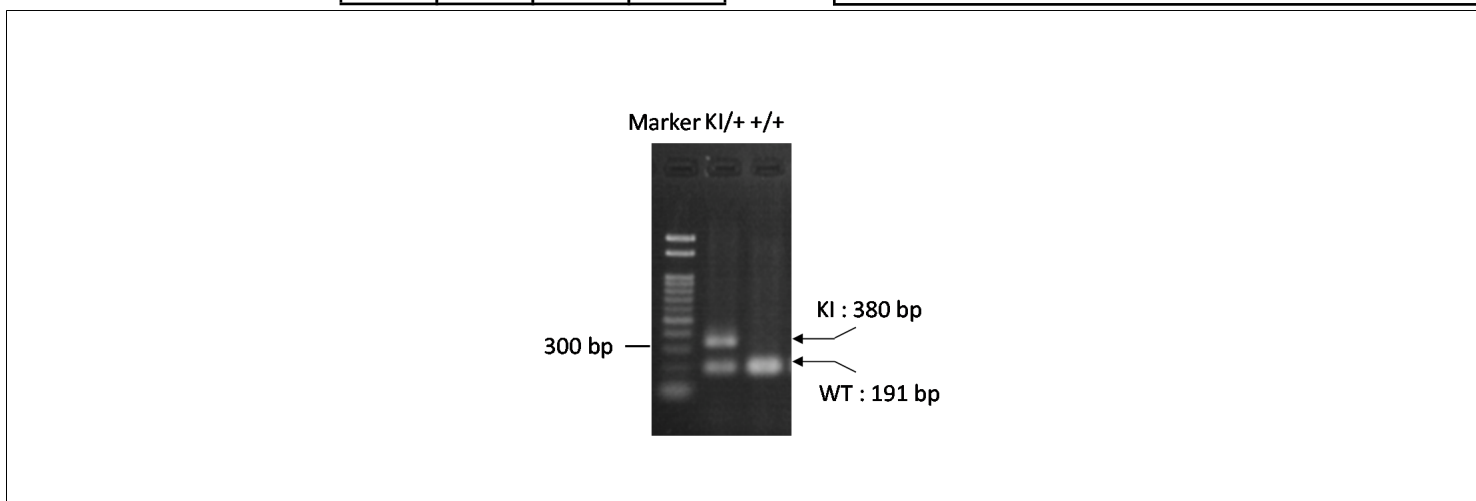
Reagent	Conc	Reaction 1	2	3	4
H2O		1.8			
PCR buffer	2 X	10.0			
dNTP	2.0 mM	4.0			
primer 1	10 pmol/μl	1.0			
primer 2	10 pmol/μl	1.0			
primer 3	10 pmol/μl	1.0			
DNA		1.0			
Taq	1 U/μl	0.2			
<b>total</b>		20			

### Reaction Conditions

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, 30 min)



primer_set	product_size	product (allele type)
primer 1	191 bp	WT
primer 1	380 bp	KI

### Comment