PCR protocol

Sheet ID PS_05340
Release date : 07/04/2013
Print date : 7/4/2013

RBRC 05663 Strain name B6.Cg-Bcl6<tm1.1>

Primer	primer_name	primer_seq	length
1	TA135	CCATTCTCAGAAGATTATGGCAGA	24
2	TA136	CACACTATACATCAGAAAAGAATG	24

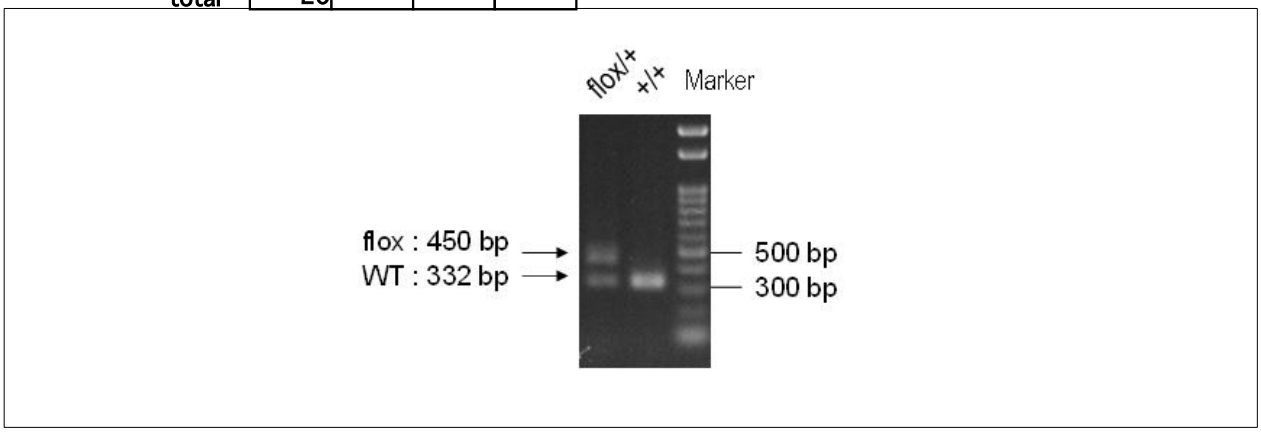
Reaction Components

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

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		2.8			
PCR buffer	2 X	10.0			
dNTP	2 mM	4.0			
primer 1	10 pmol/μl	1.0			
primer 2	10 pmol/μl	1.0			
DNA	10 pmol/μl	1.0			
Taq	1 U/μl	0.2			
		total	20		

Reaction Conditions

step	temp (℃)	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)

PCR products

primer_set		product_size	product
primer 1	primer 2	332 bp	WT
primer 1	primer 2	450 bp	flox

Comment