

RBRC 01267

Strain name 129(Cg)-Numb<tm1Zili/tm1.1Zili> Numb<tm1Zili/tm1.1Zili>/SiecRbrc

Primer	primer_name	primer_seq	length	Reference
1	bt2691U25	GAAGGAGCCTTCCAAAATCGTATTC	25	Depositor's primer
2	bt3044L26	AGGCTTCTGGGAAACCTCACTTACTC	26	Depositor's primer
3	bt1040U25	AGCTTACAGGGTGCCCCAGTTACTA	25	Depositor's primer

Reaction Components

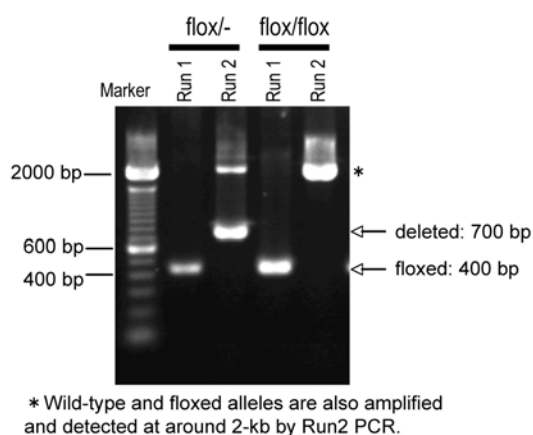
Enzyme	TaKaRa LA Taq with GC buffer (Cat. No. RR02AG)
--------	--

Reaction Conditions

step	temp (°C)	time (sec)	note
1	94	300	
2	94	30*	
3	62	30*	
4	72	120*	*Repeat for 30 cycles
5	72	300	

Reagent	Conc	Reaction 1	2	3	4
H2O		4.8	4.8		
PCR buffer	2 X GC I	10.0	10.0		
dNTP	2.5 mM	2.0	2.0		
primer 1	10 pmol/ μ l	1.0	0		
primer 2	10 pmol/ μ l	1.0	1.0		
primer 3	10 pmol/ μ l	0	1.0		
DNA		1.0	1.0		
Taq		0.2	0.2		
total		20	20		

Marker	100 bp ladder (Invitrogen, Cat. 15628-050)
Gel	2% agarose in 1 X TAE (100 V, 30 min)



primer_set	product_size	product (allele type)
primer 1	primer 2	400 bp
primer 1	primer 2	350 bp
primer 2	primer 3	700 bp
primer 2	primer 3	~ 2 kb

Comment Separated PCR

