

BRC_No 01344

Strain name Emx1-Cre Tg3

Primer

	primer_name	primer_seq	length	
1	CW-Cre2	ACCTGATGGACATGTTTCAGGGATCG	25	
2	CW-Cre3	TCCGGTTATTCAACTTGCACCATGC	25	
3	IL2-42	CTAGGCCACAGAATTGAAAGATCT	24	
4	IL2-43	GTAGGTGGAAATTCTAGCATCATCC	25	

Reaction Components

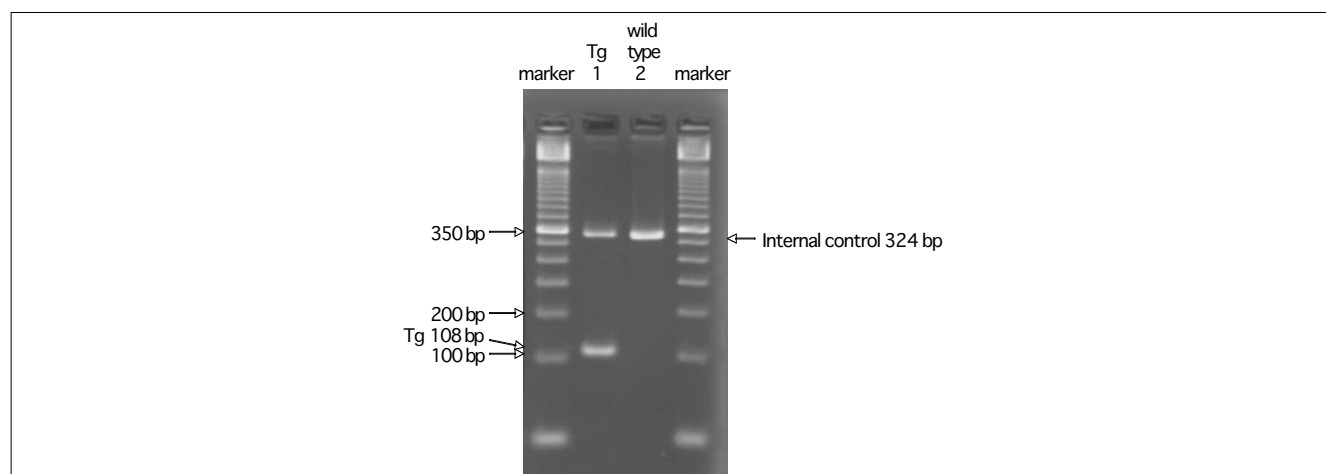
Enzyme Roche Taq (Cat. No. BM1418432)

Reaction Conditions

	Conc	Run 1	Run 2	Run 3
H2O		15.3		
PCR buffer	10 X	2.5		
dNTP	2.5 mM	2.0		
primer 1	10pnol/ μ l	1.0		
primer 2	10pnol/ μ l	1.0		
primer 3	10pnol/ μ l	1.0		
primer 4	10pnol/ μ l	1.0		
DNA		1.0		
Taq		0.2		
total		25		

step	temp (°C)	time (sec)	note
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1	94	180	
2	94	30*	
3	60	30*	
4	72	60*	*Repeat for 35 cycles
5	72	300	



Marker

50 bp ladder (Invitrogen, Cat. 10416-014)

Gel

4% Nusieve in 0.5 X TBE (100 V, 45 min)

PCR products

primer_set	product_size	product
primer 1	108 bp	Tg
primer 3	324 bp	internal control (IL-2)

Comment