

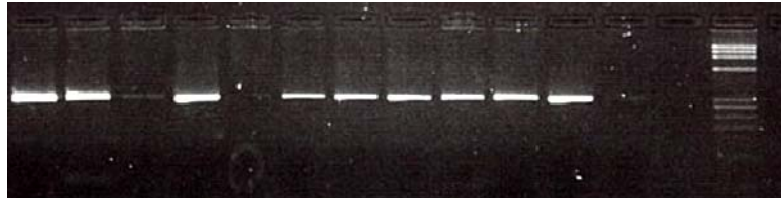
Transgene	EGFP
-----------	------

primer	Sequence(5'-3')	Size	target gene	accession
pr385-EGFP pr386-EGFP	TGAACCGCATCGAGCTGAAGGG TCCAGCAGGACCATGTGATCGC	307bp	EGFP	
comment				

PCR condition							
Taq polymerase	BIOTAQ™ HS DNA Polymerase(BIOLINE, London, UK)						
Thermal cycler	PC-808(ASTEC)						
PCR buffer	Ampdirect Plus						
	first denature	denature	anneal	extension	cycle	final extension	
PCR	°C	94	94	60	72	35	72
	min	3	0.5	0.5	1		3
comment	PCR method; Blood was applied to FTA®card (GE Healthcare UK Ltd.,UK) and dried. 1.5mm FTA disc was removed from the bloody-stained region on FTA®card. Untreated sample discs were placed directly in 15 μ L PCR mixture containig 1 × Ampdirect®Plus, 0.2 μ M each primer and 0.4 units of BIOTAQ™ HS DNA Polymerase.						

Electrocataphoresis ;4% agarose gel 300V, 30min

1 2 3 4 5 6 7 8 9 10 Tg+ -/- H₂O M



M; size marker ϕ X174-Hae III

Strain	LEW-Tg(CAG-EGFP)1Ys
--------	---------------------