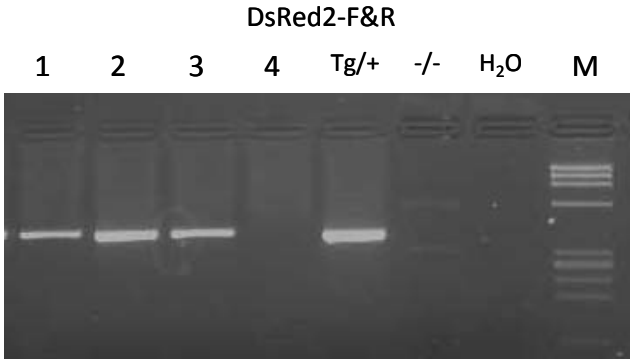
Transgene	**pDsRed2**

primer	Sequence(5'-3')	Size	target gene	accession
DsRed2-F	TGTCCCCCCAGTTCCAGTAC	407bp	pDsRed2-C1	
DsRed2-R	GTCCACGTAGTAGTAGCCGG			
comment				

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

Electrocataphoresis ;4% agarose gel



Lane 1-3 ; double reporter Tg positive
Lane 4 ; Cre recombinase
Tg+ ; Tg positive control
-/- ; Tg negative control (Wild Rat)
M; size marker ; ϕX174-HaeⅢ

Strain	W-Tg(Alb-DsRed2)34Jmsk W-Tg(CAG-DsRed2/GFP)15Jmsk