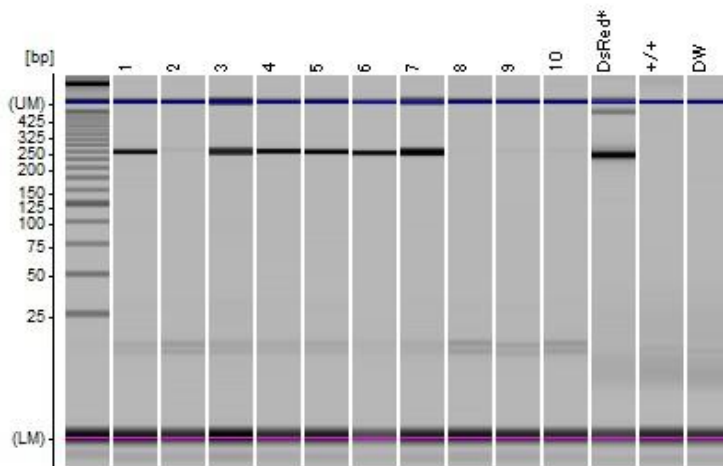


Transgene	pDsRed monomer
-----------	----------------

primer	Sequence(5'-3')	Size	target gene	accession
DsRed_monomer-F	TGTCCCCCAGTTCCAGTAC	243bp	DsRed-Monomergene	EU827527
Dsred_monomer-R	CGGCAGTCTTCTTCTGCATT			
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	°C	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-stained region on the FTA®card. Untreated sample discs were placed directly in 15 µL PCR mixture containig 1 × Ampdirect Plus, 0.2 µM each primer and 0.4 units of BIOTAQ™ HS DNA Polymerase.					

Electrocataphoresis ; MultiNA(SHIMADZU.Co)



DsRed* ; Tg positive control
 +/+ ; Tg negative control (Wild Rat)
 DW ; H₂O

Strain	LEW-Tg(Gt(ROSA)26Sor-DsRed*)7Jmsk
--------	-----------------------------------