PCR: TFPI

Amplifluor: No

Primers

Nucleotide sequence (5` --> 3`)

Primer	Sequence
5'RT	CTCAGAAGTCGATCAAGCT
TFPI-R3	CCCAAGCTTTATCTTTTTAACAAAAATTTCT

Reagents

Reagents/Constituents	Commercial name	Stock Concentration	Volume (µL)
DNA Sample			1.0
10x Buffer		0.0 mM MgCl2	2.0
dNTPs		10.0 mM	1.0
Primer: **5'RT**		10.0 µM	
Primer: **TFPI-R3**		10.0 µM	
Water			15.0
Taq Polymerase			0.12
Reagent: 50mM MgCl2			1.0

Strategy

Steps	Temp (°C)	Time (seconds)
Hot start: **Yes**		
Initiation/Melting	94.0	120
Denaturation	94.0	30
Annealing	52.5	30
Elongation	72.0	30
Number of cycles (repeat denature, anneal & elgonate): **29**		
Strand completion (i.e. 72°C, 10 min)	72.0	120
Finish (i.e. 4°C, indefinite)	11.0	Hold

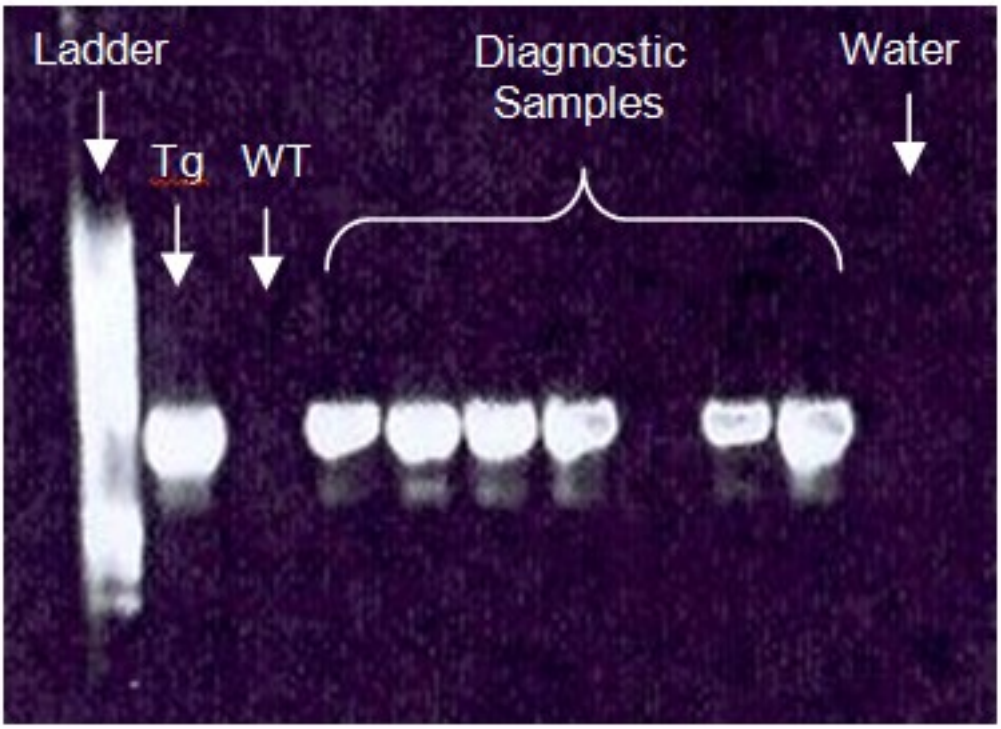
Electrophoresis

Running buffer:	
% Agarose:	1.0
Volt:	100.0
Estimated running time (min):	45.0

Image

Bands

Number	Band (bp)	Genotype
1.	417	Transgenic


Ladder
Tg
WT
Diagnostic Samples
Water