PCR: T3R WT

Amplifluor: No

Primers

Nucleotide sequence (5` --> 3`)

Primer	Sequence
MmTLR3 Fd	TGGAGTTGACTGACTTGTAGATGGC
MmTLR4 Rv	TTGRGGAAGACACCAGAAGAATCC

Reagents

Reagents/Constituents	Commercial name	Stock Concentration	Volume (µL)
DNA Sample			2.0
10x Buffer		20.0 mM MgCl2	5.0
dNTPs		2.0 mM	5.0
Primer: **MmTLR3 Fd**		10.0 µM	
Primer: **MmTLR4 Rv**		10.0 µM	
Water			35.75
Taq Polymerase			0.25

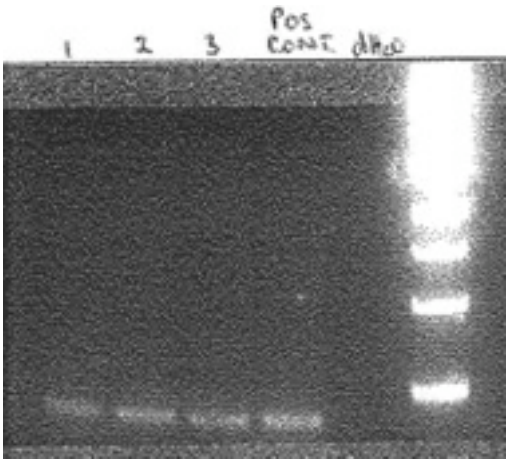
Strategy

Steps	Temp (°C)	Time (seconds)
Hot start: **No**		
Initiation/Melting	95.0	240
Denaturation	95.0	30
Annealing	60.0	30
Elongation	72.0	40
Number of cycles (repeat denature, anneal & elgonate): **25**		
Strand completion (i.e. 72°C, 10 min)	72.0	300
Finish (i.e. 4°C, indefinite)	11.0	N/A

Electrophoresis

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

Image



Bands

Number	Band (bp)	Genotype
1.	400	T3R WT
2.	400	WT Control