PCR: IGRP

Amplifluor: No

Primers

Nucleotide sequence (5` --> 3`)

Primer	Sequence
SCREEN Fwd	TGCGTCTGGTATGTCATGGT
SCREEN Rev	TGCATTGTGGTCAGTGAGGT

Reagents

Reagents/Constituents	Commercial name	Stock Concentration	Volume (µL)
DNA Sample			1.0
10x Buffer			2.0
dNTPs		2.0 mM	3.2
Primer: **SCREEN Fwd**		10.0 µM	
Primer: **SCREEN Rev**		10.0 µM	
Water			10.8
Taq Polymerase			0.2
Reagent: 25mM MgCl2			2.0

Comments on protocol: 25mM MgCl2 added separately

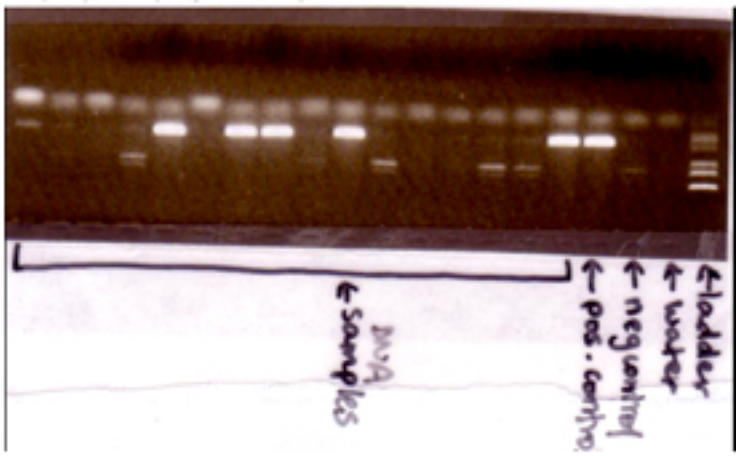
Strategy

Steps	Temp (°C)	Time (seconds)
Hot start: **No**		
Initiation/Melting	95.0	300
Denaturation	94.0	30
Annealing	60.0	30
Elongation	72.0	60
Number of cycles (repeat denature, anneal & elgonate): **30**		
Strand completion (i.e. 72°C, 10 min)	72.0	420
Finish (i.e. 4°C, indefinite)	20.0	Hold

Electrophoresis

Running buffer:	
% Agarose:	1.0
Volt:	100.0
Estimated running time (min):	20.0

Image



Bands

Number	Band (bp)	Genotype
1.	350	HET (T/+)