PCR: RBC10 genotyping

Amplifluor: No

Primers

Nucleotide sequence (5` --> 3`)

Primer	Sequence
KCC1 forward	AGCTGAAGTGGAGGTGGTAGAGAT
KCC1 reverse	TCCAGCCTAAGAGCCGAGTG

Reagents

Reagents/Constituents	Commercial name	Stock Concentration	Volume (µL)
DNA Sample			
10x Buffer			
dNTPs			
Primer: **KCC1 forward**			
Primer: **KCC1 reverse**			
Water			
Taq Polymerase			

Comments on protocol: Sequence the PCR product to detect the T to A substitution.

Strategy

Steps	Temp (°C)	Time (seconds)
Hot start: **No**		
Initiation/Melting		
Denaturation		
Annealing		
Elongation		
Number of cycles (repeat denature, anneal & elgonate):		
Strand completion (i.e. 72°C, 10 min)		
Finish (i.e. 4°C, indefinite)		

Electrophoresis

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

Bands

Number	Band (bp)	Genotype
1.		