PCR: Hck

Amplifluor: No

Primers

Nucleotide sequence (5` --> 3`)

Primer	Sequence
1a	CCGGATCCAGAGGTGATTCGGG
1b	GGGAATTCATACCAACTTGGAGG
S319	CTGAATGAACTGCAGGACGA

Reagents

Reagents/Constituents	Commercial name	Stock Concentration	Volume (µL)
DNA Sample			
10x Buffer			
dNTPs			
Primer: **1a**			
Primer: **1b**			
Primer: **S319**			
Water			
Taq Polymerase			

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:	2.0
Volt:	120.0
Estimated running time (min):	45.0

Bands

Number	Band (bp)	Genotype
1.	850	Mutant
2.	400	Wt