

PCR: BCl6 (20l)

Amplifluor: No

Primers

Nucleotide sequence (5` --> 3`)

Primer	Sequence
5' Bcl-6	CCAGCCAACCTGAAGACCCACAC
3' Bcl-6	TGTGGATGCGCAGATGGCTCTTCAGAG
PGK Neo	AAATGTGTCAGTTTCATAGCCTGAAGAACG

Reagents

Reagents/Constituents	Commercial name	Stock Concentration	Volume (µL)
DNA Sample			1.0
10x Buffer		20.0 mM MgCl2	2.0
dNTPs		10.0 mM	0.5
Primer: 5' Bcl-6		10.0 µM	
Primer: 3' Bcl-6		10.0 µM	
Primer: PGK Neo		10.0 µM	
Water			14.15
Taq Polymerase			0.035

Comments on protocol: DNA Sample (ear punch)

Strategy

Steps	Temp (°C)	Time (seconds)
Hot start: No		
Initiation/Melting	94.0	120
Denaturation	94.0	20
Annealing	55.0	20
Elongation	72.0	30
Number of cycles (repeat denature, anneal & elgonate): 35		
Strand completion (i.e. 72°C, 10 min)	72.0	180
Finish (i.e. 4°C, indefinite)	10.0	Hold

Electrophoresis

Running buffer:	
% Agarose:	2.0
Volt:	400.0
Estimated running time (min):	10.0

Bands

Number	Band (bp)	Genotype
1.	Top	wt/wt
2.	Bottom	ko/ko