PCR: GFP-Fox

Amplifluor: No

Primers

Nucleotide sequence (5` --> 3`)

Primer	Sequence
ScExon1	AGACAGACCAGAGGTGTAGT
FoxPExon1AS	TCCTGGGGATGGGCCAAGGGCCAAGG

Reagents

Reagents/Constituents	Commercial name	Stock Concentration	Volume (µL)
DNA Sample			1.0
10x Buffer	2x Mix Qiagen multiplex PCR Kit		5.0
dNTPs			
Primer: **ScExon1**		10.0 µM	
Primer: **FoxPExon1AS**		10.0 µM	
Water			3.3
Taq Polymerase			
Reagent:			
Reagent: Q Solution			0.2

Strategy

Steps	Temp (°C)	Time (seconds)
Hot start: **No**		
Initiation/Melting	95.0	900
Denaturation	95.0	20
Annealing	65.0	20
Elongation	72.0	50
Number of cycles (repeat denature, anneal & elgonate): **35**		
Strand completion (i.e. 72°C, 10 min)		
Finish (i.e. 4°C, indefinite)	25.0	Hold

Electrophoresis

Running buffer:	
% Agarose:	1.5
Volt:	400.0
Estimated running time (min):	10.0

Bands

Number	Band (bp)	Genotype
1.	800	KO/KO
2.	200	Wt/Wt