

Appendix 1: Primer sequences used for ARPE-19 and Chicken Primary RPE cells RT-PCR amplification of selected transcription factor mRNAs.

Oligonucleotide primers for RT-PCR amplification were designed and synthesized as described in Materials and Methods. Sequences are indicated for both forward and reverse primers used with either human ARPE-19 or chick primary RPE cells. The size of the predicted amplicon is indicated in base pairs.

Cell Type	Transcription Factor	Forward Primer	Reverse Primer	Product Length
ARPE-19	Core Binding Factor	gtgacagaaaagattcatgtca	tcttaaccaaaagtgcactgca	399bp
	E2F-1	gaatcagcaaaaagggaggga	gggaacagagctgttaggaa	399bp
	Evi-1	cagggaagtaaaagaaactgca	tctctgatcaggcagttgga	399bp
	GATA-1	tattcagactcgaaacgcaa	agagactgggtgtccaga	399bp
	HNF-1	caaagagctggagaacctca	tagggttctctgcctctca	396bp
	IRF-1	aactcccctgccagatatactga	gtttagcttcagaggtgga	399bp
	Nkx2-5	ccctacggttataacgccta	gtgggacagaaaaagtctcta	363bp
	NKX3A	tcagtgatcgagtgga	ccaatagtttggtgcaca	399bp
	Octamer-1	agcagaatctcaacctgcaa	gtttggctgaagtcattcca	400bp
	SMAD3	aaggccttctaggtaggaa	agaacacttaccgtcattcga	399bp
	SREBP-1	gtctaccataagctgcacca	ctctaagagatgtcccggaa	399bp
	TFE3	gaggacattctgatgggga	ctgatctcatgtccttctcca	398bp
	v-Myb	aagctccagaagaacagtca	gggttctcccaaacaggaa	399bp
	α-SMA	aaccgggagaaaatgactca	acgttcattccgatggtga	400bp
	RPE65	gacaaggaagatccaataagca	tcacctattcccagttctca	398bp
	LEF-1	tactcgagttattccggta	tgatgggatatacaggctga	323bp
	Slug	gctgaatgtgttctgtga	tactgctgccaatcatacaga	399bp
	Snail	aaagccctttctgtacaca	caaggctgctcatatgtcca	399bp
	Twist	agcaccaccacagcagtgaga	ggggatggcatcaggatcca	399bp
	SIP-1	gaaggtttcgatccctcgta	ccagccttcggcatctcaga	399bp
	SMAD2	atttggggactgagtcacca	caggaggtggcgtttctggaa	399bp
	GADPH	gagtcaacggatttgctgta	gatgatctgaggctgtgtca	399bp
	Chicken Primary RPE	Slug	agatgcacatcaggaccaca	ttggctgaaaagtgaagaga
Snail		aaagccctttctgtacaca	caaggctgctcatatgtcca	399bp
Twist		agcaccaccacagcagtgaga	ggggatggcatcaggatcca	399bp
SIP-1		gctactgatgaaccggccta	gtgcatgaacagcttaacaca	399bp
SMAD2		aacaggaatgcaacagtggaa	aaggggatcccctaggtca	399bp
LEF-1		tgtagcagagtgtactctga	gggtaatgacatcctagaca	399bp
FoxD3		cagictgaggacatgttcca	cgatgatgttctcgatgctga	371bp
AML-1		tggtcctatgatcagtcgta	gtgccatagtagagatgga	371bp
HNF-3α		ggagagacttctactaccaa	gacaacgaaaaataaagaaacca	334bp
HNF-1		actgcctcataaatctctca	tgatgttctctcaattcca	376bp
E2F-1		ttattgtccctggggaca	cacataattcccctcctca	399bp
DP-1		cgtaaacactagcaagaga	gtgatgttgcaactactgga	399bp
TFII-I		agaaacccatggagtcaga	gacagctgatttctgtcca	399bp
SREBP-1		cctgaagatggccgtgcaga	gatgcttctccaggaccaga	389bp
GADPH		atctgaagggtggtgctaagc	tggactctgggatgatgtct	399bp