

Table S1. Riboprobe templates used in this study

Name	Unigene name	Probe	References
Mouse genes:			
Chx10	C. elegans ceh-10 homeodomain containing homolog	3'UTR MscI/XhoI fragment from full-length mouse Chx10	Liu et al., 1994
Notch1	Notch gene homolog 1 (Drosophila)	EST – AW047868	Bao and Cepko, 1999
NeuroD	Neurogenic differentiation 1	Full length cDNA	Morrow et al., 1999
FGF15	Fibroblast growth factor 15	EST – BE952015	Thut et al., 2001
BTG2	B-cell translocation gene 2, anti-proliferative	EST – AI851775	Iacopetti et al., 1999
E2F1	E2F transcription factor 1	EST – BE953801	Dagnino et al., 1997
GAP43	Growth associated protein 43	EST – BE949941	Reh et al., 1993
Stathmin 1	Stathmin 1	EST – AI850105	Koppel et al., 1990
Gas1	Growth arrest specific 1	EST – AI846734	Lee et al., 2001
WFDC1	WAP four-disulfide core domain 1	EST – BF465460	Larsen et al., 2000
Pax6	Paired box gene 6	Full length cDNA, gift from H. Matsunami	Walther and Gruss, 1991
MITF	Microphthalmia-associated transcription factor	Full length M-form probe	Hodgkinson et al., 1993
TFEC	Transcription factor EC	Full coding sequence RT-PCR product: 5'-ATGACCTTTGACTGTCGGGTATGC-3', 5'-AGCCTGTTGCGGCTTACAACCTC-3'	
TRPM1	Transient receptor potential cation channel, subfamily M, member 1	Partial cDNA RT-PCR product: 5'-TGGCTGACAACGGCACC-3', 5'-GCTGATACGACTGGGACTTGCT-3'	Miller et al., 2004
DCT	Dopachrome tautomerase	1200 bp cDNA gift from H. Arnheiter	Steel et al., 1992; Nakayama et al., 1998
Tyrosinase	Tyrosinase	1978 bp cDNA of coding sequence gift from H. Arnheiter	Beerman et al., 1992; Nakayama et al., 1998
Cyclin E1	Cyclin E1	EST – BF462594	
Dll1	Delta-like 1 (Drosophila)	EST – AW047187	Bao and Cepko, 1999; Henrique et al., 1997
Math5	Atonal homolog 7 (Drosophila)	EST – BE951657	Yang et al., 1993
Brn3b	POU domain, class 4, transcription factor 2	EST – BE951391	Gan et al., 1996
Hes1	Hairy and enhancer of split 1 (Drosophila)	EST – BI557608	Tomita et al., 1996
Cyclin D1	Cyclin D1	EST – AI850048	Sicinski et al., 1995
SNAP25	Synaptosomal-associated protein 25	EST – AI843805	Catsicas et al., 1992
CRHBP	Corticoliberin-binding protein	EST – AI854101	Blackshaw et al., 2004
p57	Cyclin-dependent kinase inhibitor 1C	Full length cDNA	Dyer and Cepko, 2000
Otx1	Orthodenticle homolog 1 (Drosophila)	EST – BE988140	Acampora et al., 1996
CD63	Cd63 antigen	EST – AI838302	
Otx2	Orthodenticle homolog 2 (Drosophila)	3' UTR clone pOtd9	Ang et al., 1994; Bovolenta et al., 1997
IGF2	Insulin-like growth factor 2	EST – BF466901	Ohlsson et al., 1994
Chick genes:			
MMP115	115-kDa melanosomal matrix protein	Full length cDNA, gift from G. Eguchi	Mochii et al., 1998
MITF	Microphthalmia-associated transcription factor	Full length cDNA clone cmi9, gift from G. Eguchi	Mochii et al., 1998
TFEC	Transcription factor EC	5' partial cDNA described in materials and methods	
DCT	Dopachrome tautomerase	3' coding sequence, RT-PCR product: 5'-GGCCAAGAGACTCGGGTGAACAG-3', 5'-AAGGGAACAAAGCCAAGGCACTA-3'	April et al., 1998
Six3	Sine oculis-related homeobox 3 homolog (Drosophila)	3'UTR 0.2Kb fragment from full length cSix3 (accession number AY373324) amplified using 5'-CCAAGCTTAGAGACAGAGCGGCGGCT-3' and T3 primer	
Chx10	C. elegans ceh-10 homeodomain containing homolog	full length cDNA	Chen and Cepko, 2000
Chx10 3'UTR	homolog	3'UTR 0.85Kb fragment from full length cChx10 amplified using 5'-ATCTCGAGCCAGGCTACCCAGCCTG-3' and T3 primer	

All genes studied by in situ hybridization in Figs 3, S1 and S2 are shown. The common name referred throughout the text is listed, as is the associated Unigene name. Probes include EST or PCR templates. References refer to the origin of the riboprobe template as well as published expression patterns (referred to the Results section).

References

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