

Table S1. Summary of human and mouse primers

Target	Forward	Reverse
Human <i>FOXC1</i>	AGAAGAACGGCAAGTACGAGA	TGTTGAGGGACAGATTGTGGC
Human <i>EN1</i>	GGACAATGACGTTGAAACGCAGCA	AAGGTCGTAAGCGGTTTGGCTAGA
Human <i>HOXB4</i>	AAAGCACCTCTGACTGCCAGATA	ATGGGCACGAAAGATGAGGGAGA
Human <i>NKX2-1</i>	AACCAAGCGCATCCAATCTCAAGG	TGTGCCCAGAGTGAAGTTTGGTCT
Human <i>PAX6</i>	TCTTTGCTTGGGAAATCCG	CTGCCCCGTTCAACATCCTTAG
Human <i>WNT3A</i>	AGTGACACGCTCATGTGCAGAA	AGACACCATCCCACCAAACCTCGAT
Human <i>GLI3</i>	TTGCACAAAGGCCTACTCGAGACT	CTTGTTGCAACCTTCGTGCTCACA
Mouse <i>Pax6</i>	ATCAGCAGCAGCTTCAGTACCAGT	AGGTTGTTTGCCATGGTGAAGCTG
Mouse <i>Emx1</i>	TGTGGTTCAGAAATCGGAGGACAA	TGGGAACCCTTCTTCTTCTGCTCA
Mouse <i>Dlx2</i>	TAGTGAACGGGAAGCCAAAG	CTGGAACCAGATTTTGACCTG
Mouse <i>Nkx2-1</i>	TTGCTTTATGGTCGGACCTGGTGA	AGAAGTCGTCCAGCAGTTTGGTCT
<i>GAPDH</i>	ATGACATCAAGAAGGTGGTG	CATACCAGGAAATGAGCTTG