**Table S1.** Primers used for quantitative PCR

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| **Gene (NCBI Symbol)** | **FW Sequence (5' -> 3')** | **BW Sequence (5' -> 3')** |
| Neurod2 | AAGCCAGTGTCTCTTCGTGG | GCCTTGGTCATCTTGCGTTT |
| Phox2b | GGGCTAAGTTTCGCAAGCAG | CAGTGCTGTCGGGATCAGTG |
| Six1 | ATGCTGCCGTCGTTTGGTT | CCTTGAGCACGCTCTCGTT |
| En1 | CGTCCGTCCTCTGGTCCACG | GCGGCCGCTTGTCTTCCTTC |
| En2 | CCGGCCTTCTTCAGGTCCCA | GCGAGGCCGCTTGTCCTCTT |
| Tal1 | GACCCGCAACTAGAGGGAC | CCGTTGAGCAGGACTAGGT |
| Otp | CTAGCGCTGCGTATCGGGCT | TGGAACCAGACCTGCACCCG |
| Tlx3 | GCCACCCAAGCGTAAGAAG | CAGGTACTTTTGGCGATGGAA |
| Nkx2-2 | AAGCATTTCAAAACCGACGGA | CCTCAAATCCACAGATGACCAGA |
| Nkx6.2 | AAGTCTGCCCCGTCTCAAC | GGTCTGCTCGAAAGTCTTCTC |
| Olig2 | TCCCCAGAACCCGATGATCTT | CGTGGACGAGGACACAGTC |
| Olig3 | GGAGAGTCGTCTGAACTCGG | CTGGACCATATCGCCCTGTG |
| Gdf6 | TATCGCGCCCCTAGAGTACG | ATGCTAATGGGAGTCAGTTTGG |
| Gdf7 | GAGGGCGTTTGCGACTTTC | CTGCTTGTAGACCACGTTGTT |
| Cdkn2a | CGCAGGTTCTTGGTCACTGT | TGTTCACGAAAGCCAGAGCG |
| Tcf21 | CCCACTAAGAAAAGCCCGCTC | CCGTTCTCGTACTTGTCGTTG |
| Pdgfra | TATCCTCCCAAACGAGAATGAGA | GTGGTTGTAGTAGCAAGTGTACC |
| Rpl32 | TTAAGCGAAACTGGCGGAAAC | TTGTTGCTCCCATAACCGATG |