**Table S1**

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| **Primers for cloning of genes** (only unpublished genes) |
| **six3/6-se**  | CCATCCGCTTTAATAGAGTG |
| **six3/6-as** | CAGCCCAAAATACAAGCTACG |
| **six3/6\_GSP1 (RACE)**  | TCAAGCCACATCGCTTGCAGTTTAGCGTGC |
| **six3/6\_nGSP1 (RACE)**  | TGGGCGATTTGGTGTGCGCTAAAGCTG  |
| **foxQ2a-se** | CAGAGCTAACCACCATGATGGC |
| **foxQ2a-as**  | CAGTCGCTTTGTGTCTGGTG |
| **foxQ2a\_GSP1 (RACE)**  | AATGGCAGGAAATGCGGCGAACCAGGCGGG |
| **foxQ2a\_nGSP1 (RACE)**  | TGTTTCCATTCGAAATGGCGTGAAGGCGGA |
| **irx-se** | CTGAAGTGGTCCGAATTGAATC |
| **irx-as** | CTTCTGGTGCATTTTCCGTGGC |
| **foxJ1\_GSP1 (RACE)**  | CGCCAGAATCCGCCTTTTCCCGGTTCGTCC |
| **foxJ1\_nGSP1 (RACE)**  | GAGTTCTGCCAAGTCGGATCGGCAACTCTG |
| **foxJ1-se** | TTCAGAGAAAGAGGGAAGCCAGTC |
| **foxJ1-as** | ATTGAGTTCTGCCAAGTCGGATCG |