

Table S1. qRT-PCR primers

Gene	Forward primer	Reverse primer
PAX6	TCTTTGCTTGGGAAATCCG	CTGCCCGTTCAACATCCTTAG
NANOG	ATTCTTCCACCAGTCCCAA	ATCTGCTGGAGGCTGAGGTA
OCT4	ACATCAAAGCTCTGCAGAAAGAACT	CTGAATACCTTCCCAAATAGAACCC
SOX2	GCCCTGCAGTACAACCTCCAT	TGGAGTGGGAGGAAGAGGTA
BRACHYURY	CTATTCTGACAACCTCACCTGCAT	ACAGGCTGGGGTACTGACT
DACH1	GGTGGTGTGCAATGTGGA	ATGCGGCATGATGTGAGAG
LIX1	GGAATTTTGGGAAAGCAAGC	CAGCACTGAAAGTTGCCAAA
NCADHERIN	TCCTGATATATGCCCAAGACAA	TGACCCAGTCTCTCTTCTGC
LHX2	TTACGGCAGGAAAACACGG	TGCCAGGCACAGAAGTTAAG
LMO3	AAGGCACTGGACAAATACTGG	CACGCATCACCATCTCAAAG
MEIS2	CCAGGGGACTACGTTTCTCA	TAACATTGTGGGGCTCTGTG
SIX3	ACTACCAGGAGGCCGAGAAG	CAGTTCGCGTTTCTTGCTG
SIX6	AACAAGAATGAGTCGGTGCT	CAGCGGGAACCTTCTTCCTTA
FABP7	ACAGAAATGGGATGGCAAAG	CTCATAGTGGCGAACAGCAA
MSI1	GCCCAAGATGGTGACTCG	ATGGCGTCGTCCACCTTC
NESTIN	GCCTTCTGGCTCAGAGGAAGAGT	TCCCCTCCAAGTTGGGACCCT
SOX1	GCCCAGGAGAACCCCAAG	CGTCTTGGTCTTGCGGC
SOX17	ATACGCCAGTGACGACCAG	GCGGCCGGTACTTGTAGTT
K18	ATGCGCCAGTCTGTGGAG	CCTGAGATTGGGGGCATC
LAMA3	TGTTAATCGGGCAACACAAA	GGTGCTTTCCAAAGTTCCTG
CDX2	TGGAGCTGGAGAAGGAGTTT	CTGCTGCTGCTGTTGCTG
NANOG	ATGCCTCACACGGAGACTGT	AAGTGGGTTGTTTGCCTTTG
ZFP42	TCTGAGTACATGACAGGCAAGAA	TCTGATAGGTCAATGCCAGGT
GAPDH	CAGCCTCAAGATCATCAGCA	TGTGGTCATGAGTCCTTCCA
HPRT1	TGCTCGAGATGTGATGAAGG	AATCCAGCAGGTCAGCAAAG
ACTB	CCAACCGCGAGAAGATGA	CCAGAGGCGTACAGGGATAG
TGFBR1	CACAGAGTGGGAACAAAAGGT	CCAATGGAACATCGTCGAGCA
BMPR2	GACAGGAGACCGTAAACAAGG	CCATATCGACCTCGGCCAATC
SMAD5	TCTCCAACAGCCCTTATCCC	GCAGGAGGAGGCGTATCAG
ACVR1B	ATCATCAGCGTGTCTATCACAAC	ACAAAGAGGGGTAACCCTGAG