

**Supplemental Table 1: Oligonucleotide primer pairs used for RT-PCR.**

<b>Gene symbol</b>	<b>Forward primer (5'-&gt;3')</b>	<b>Reverse primer (5'-&gt;3')</b>	<b>PCR product size (bp)</b>
<b>Housekeeping genes</b>			
GAPDH	ACGCCATCACTATCTTCCAG	CCTTCACTACCCTCTTG	578
<b>Transcriptional regulators</b>			
AATF	CGTTTCGTTGGCTGCGGATCT	ACCCACAAACCCACGCGA	451
ADNP	GTCTCCTGCTGGCCTCTCACTCC	TCAGCAGCTGGTGCACATCCAAC	337
ASCC1	CCACCTGACTCTGGGGACGC	CCGCTGTGCCGTAGTACCCG	518
CASKIN1	CGTGCAAGCCGTTCTGTTCGG	CTGCGCGGCTCGGGAAGAG	373
CHURC1	CTACGACCACCTGTGCAAG	ACCTTTATTGCTCACGCTCC	299
CIR	CCGCCGCCATGGGGAAGTC	ACGTTCCGCACCTGGATGCC	379
CTCF	TGGAGGAAGACCACGCCGGAT	GGCCGTCCGAGGACCCTGTT	308
E2F4	CAGCACCAGCAGTGACGGGG	TGGAGGGAGCGAAGGTCGGG	351
E2F5	GCCTCAGGCCTCTTCCATGAGCT	TGCAGATGAGCTGGGCACGTT	435
FOXM1	AGAACAGCAGTGGCGAGGCAA	TTGACCCAAAGTCCAGCGGCT	510
HLF	GAGCTCTGGGAGCGCAGCAC	GACTCCCCTGCCCTCTGCCA	441
HSF2	AGCTCCGTGCAGATGAATCCCACA	CCAACCGTGTCTAACAGCTTGCC	598
JARID1B	AGCGGCGGAGTTTTCCACGG	GAAAGGGGGCTGCGTGGGAC	314
LBH	GCTGGTCAGTGGGCTTGCGA	ACAGACCGCTCCCCACTGGAG	309
MAFF	GGCGCCTTCCCCTACGTACC	TGCTGACCCCGTTCACCCTCA	404
MED14	GCGGATCATTCTTGGCTCCAGC	TGGATCACCAGACAACCTGCGCT	400
MED16	TTTGGCGTACGTGTGCGAGTGG	GCCAGGTGGTCGGTCATGCTC	306
MED24	CCTGGAACGCCGTGGAGCAAT	GAGGCCACGAAACACGCCTT	317
MYST4	TCCCCGGCTGACAAAGCCACAG	CCGCCATTTAGATGGACCGCG	460
NPM1	GCAAGTGGAGGAGGAGCTAA	AACAGGCATTTTGGACAACAC	609
NRARP	AAGCTGCTCGTCAAGTTCGGCG	ACCCTCGGAAGGAAAACCTAACCG	276
PAX2	ACCATGCCAGACTGAGAACC	GCGTGGGGAGTAACAGAAAAG	380
PHB2	GCTGGCTCCCAAACCGTGTG	TGCTGATGGCAGCAGAACTCCC	499
PSMD9	TGTGACTGTGATCCGCAACGGC	GTTGCTCCCCACAAACAGTGCA	311
RFX2	TCCCCACTGAACCGCTTGCA	GTGTAAGTGTGCTGGGCACCGG	586
SAP30BP	CCCTCGAACGTGCCAGCTCAG	TGTGCACTCTGGGATACGTCCG	413
SNAPC5	GCGGACACCAAGTGGAGCAGT	TGTGAGTCTCAGGAAGGCTTTGCC	530
SOX2	ACTCGGCCGCAACAACCAG	GTTGTGCGCGTTCAAGCCCG	488
SOX4	CGCCCTCCGGATGCGAAAGAG	AGCGCCATCTGTCCGCTTCG	314
SOX7	GGCCGAGCACACCAGCAGAG	TGGGCACTGCGGCTCGAAAC	390

SOX8	CCCCAGCCACTACAGCGACC	GGGACACCCAGTCGCAACG	471
SOX10	CCCGCACCAGCCAGCAATTGA	GGGTGCCCATCGGACATGGG	699
SOX11	CCCGACTACTGCACCCCGG	CCGCCAAGCTTCGAACAGCG	361
SOX18	CTCAGAGCGGGCTTTCCGCC	CGCGAGCCTAGCCGGTGATG	300
TAF1	ATGCAGGTCGGCATGGCAACA	GCCGCTTTCCGATGCTGCTCT	463
TBL1XR1	GCTGGAGGTCCATGACTGTGGC	AGCAGGAGCAGCACTGTGGC	644
TGIF2	CACCCACGGGGCCCCTTTTC	CTGGCCGACACAGGGCACTC	492
TGS1	TCCAGACACCAAGGAGGAGTGGG	GCGCTGCTCTGCTCCGATGT	336
TMF1	TCAAGCAAGTCTCCAGTGGCTGC	ACCCCTCGAAGTGGAGGCAACA	300
TP53	GTGTGCGCATGTCCGGGGAG	CTTCCCGCAGCTGGGTTGGG	300
VEZF1	ACGAGTCCTGCCACACGGGG	GTGGGACAGCTTGTGCCGGTT	314
ZFPM1	ACCCAACCCAGTCCGCAACAG	TGGAGCACGCCGGGTTCTT	445
ZNF326	AAACCCAGCCCTGCAGCAGTT	TCTGGCCTCAATTCGCCGCT	321
<b>Transmembrane proteins</b>			
CLDN1	CAGCCAACCTCCGCAGGTGC	ACCCAGGAGTATGGCGGCCA	312
FGFR1	CACCACCGCAGGGAAGTCC	CCACCAGCACCTCCCTACCCAG	353
IGF1R	TCTCGGCCCTCCGTCGTTGT	CGGGAAGCGGAAGTTGCGGT	369
ITGB1	CCTAACAGCCCTGCCTGCCAC	AGTGAGACAGCGGATCGGGCT	658
ITGB5	TCACCATCAAGCCAGCCGGC	ACACTCGCAGAAGGGCCCGT	326
PLXNA1	GGCTCAAGCACCCCTTGCCG	GGCGATCAGTCGGTTCCCGG	359
PRTG	GCTGCGGCCTGACAGTGTCT	GGCACCATGCGATCACGGACA	420
PTK7	GAGCCGTACTCGCAGGACGC	GCCGTCGATGTGACACCGCA	354
SEMA5B	ACTACAGGCCCGAGGCCTCC	TACTGCTGCGTGGTGGCACG	369
SMO	TGGTGGCAGTGGGGTGACGA	CTCAGGTGCGCTCAGACGGC	590
TACSTD1	GGTGTGTGAACACGGCTGGTGT	CCATGCCTCCCGTGTTCCGTC	654
<b>Growth factors</b>			
HDGF	GGGACCCATGAAACGGC	CATCTCCTTGGTGCCCTTGG	362
MDK	CTGCCAAAGCCAAGAAAGAG	CTAGTCCTTCCCCTTGCCC	368