

**S3 Table. Primer pairs for RT-qPCR**

Name	Sence sequece (5'-3')	Antisense sequece (5'-3')
<b>"mRNA"</b>		
GAPDH	GCACCGTCAAGGCTGAGAAC	TGGTGAAGACGCCAGTGG
ACTB	CCAACCGCGAGAAGATGA	CCAGAGGCGTACAGGGATAG
HPRT1	TGACCTTGATTTATTTTGCATACC	CGAGCAAGACGTTTCAGTCCT
PGK1	CTGTGGCTTCTGGCATACT	CGAGTGACAGCCTCAGCATA
SOX1	ACCAGGCCATGGATGAAG	CTTAATTGCTGGGAATTGG
POU5F1	ATCAAGCAGCGACTATGCAC	CCAGAGGAAAGGACACTGGT
NFKB1	CTGGCAGCTCTTCTCAAAGC	TCCAGGTCATAGAGAGGCTCA
JUN	CCAAAGGATAGTGCGATGTTT	CTGTCCCTCTCCACTGCAAC
HIF1A	TTTTTCAAGCAGTAGGAATTGGA	GTGATGTAGTAGCTGCATGATCG
PPP1R15A	GCTTCTGGCAGACCGAAC	GTAGCCTGATGGGGTGCTT
GADD45A	TTTGCAATATGACTTTGGAGGA	CATCCCCACCTTTCCAT
DDIT3	CAGAGCTGGAACCTGAGGAG	CCTGCCGTTTTAAAATTTTTGG
TP53	CATGAGCGCTGCTCAGATAG	ACACGCAAATTTCCCTCCAC
CDKN1A	CTGGTACCCTCCTGGCTCTT	CCCAGTGCAGGTCAGAGG
TP53I3	AATGCTTTCACGGAGCAAATTC	TTCGGTCACTGGGTAGATTCT
HSPA4	CAGCAGACACCAGCAGAAAA	CCTTGATCCAGCTTGAGAG
HSP90AA1	GGGCAACACCTCTACAAGGA	CTTGGGTCTGGGTTTCCTC
HSF1	CAAGCTGTGGACCCTCGT	TGGAACACGTGGAAGCTGT
ATF3	AAGGATTTTTCAGCACCTTGC	GATGGCAGAAGCACTCACTC
ERO1A	GGAGACAGCGGCACAGAG	CAATGGTTTCAACATCACAGGT
BBC3	GACCTCAACGCACAGTACGAG	AGGAGTCCCATGATGAGATTGT
ARNT	CTACCCGCTCAGGCTTTTC	CACCAAACCTGGGAAGTACGAG
MTF1	TGAATTGCGAGAAAATTCCA	GCTGGTGAATTTGTGCTGAG
<b>"ncRNA"</b>		
CDKN2B-AS1	TTGTTAGAAACCAGGCTGCAC	TTCTCTCTTTCTGTGGTTTCTCAAT
HOTAIR	CAGTGGGGAACCTGACTCG	GTGCTGGTGTCTCTTACC
TUG1	CCAGACCCTCAGTGCAAACCT	AATCAGGAGGCACAGGACA
GAS5	CTTGCTGGACCAGCTTAAT	CAAGCCGACTCTCCATACCT
MIR22HG	CGGACGCAAGTATTTGCT	GCTTTAGCTGGGTCAGGACA
LINC-PINT	GGGATAATTTGCCATCTGGA	CCGTTTCTCCATTTTCTCT
KMT2E-AS1	CAGCCAAAATCTGGCCTACT	GTCCAGCAATCATTTTCTCGT
LINC00667	AGTTTGGCCTTTTGGTCT	GGCCATGTGCAAAGGATTT
HCG18	CTGCCTTCTAGGGGCTCACT	ACATGCTCCACCAACTTTCA
LOC550112	CTGAAATCAGAGCCTGCACA	TCAAGGACCTGGAAATGACC
LINC00662	GTTTGATTTCTCGCAGACCAG	GCGAGGTCTAACCCAGGTG
GABPB1-AS1	AGGGAAAGAAAATATGCCATTTCTA	ATCATTCCGCCGCTTTCT
LINC01184	GCAATTATCACGGGAAACCTAT	AAATCTTATCTGCTTCCCTATTTGTAA
TTN-AS1	TCCTTAGGCATCACCTAGCC	GATGGAGGAAGTAGAGTCATTGG
LINC01137	CACTCCCTAACCCGTGTCC	TCCATCAAAGCAGCCAGAC
LINC00473_v1	TATGCGCGTCAGCATACTTT	TGCTCTGTGCCTCCCTGT
LINC00473_v2	TATGCGCGTCAGCATACTTT	TCTCCCAAAGCACAACGAG
FAM222A-AS1	CAACATGGAAATGGAGACCA	CTTCCGGGATCCCAGTGT
LINC00152	CGTGCCTGTCTTCAGATCTTC	TCATCTCCAGTTATTCAAGGAG
LINC0541471_v1	CAGATCTTTCACAGCACAGTTCC	TGCTGATCCACTTTGCTTGT
LINC0541471_v2	CACCAGCCTCTCCCTGAA	TTGATCAAGTGTGTCATAGAGC
IDI2-AS1	GTGTTAAACAAGACAACGCTGAA	AAGAGCGCTGGAAAAACCTT
SNHG15	GCAACTCCTTTGCAAGATGC	CTCAAGGAGGGACCTCAGC
ZFP91-CNTF	TTGTTTACTACTTGGCGGTGA	GGCGGGCCTAATCATTTT
MALAT1	GCTGTGGAGTTCTTAAATATCAACC	TTCTCAATCCTGAAATCCCCTA
NEAT1_v1	TTGTTCCAGAGCCCATGAT	TGAAAACCTTTACCCAGGA
NEAT1_v2	GATCTTTTCCACCCCAAGAGTACATAA	CTCACACAAACACAGATTCCACAAC