

Primers used in Biomark 48.48 IFC for the validations of RNA-seq data

Gene	Gene Name	Forward Primer	Reverse Primer
<i>AGTR1</i>	Angiotensin II Receptor Type 1	TTTGCTGAGCAAGAAGGACTA	TGTGGCCTTGTTTCAGGGAA
<i>ANGPT2</i>	Angiopoietin 2	CTGAGCAGACCCGCAAATTA	AGGGAATGTTCCAAAAGCTGAA
<i>AVD</i>	Avidin	TTCACAGGCACCTACATCACA	GGTGTTTTGTGTCCCATGCA
<i>BAG3</i>	BCL2 Associated Athanogene 3	ACCACAACAGCCGAACCA	GATGGGCCATTTGCTGATGAC
<i>BMP10</i>	Bone Morphogenetic Protein 10	GGACATCTATGCCATCTGCAAA	CGAACTCCTATGACGCCAAC
<i>BRCA1</i>	Breast Cancer 1, Early Onset	TGCTGCTGTGGACCTTTCA	TTCCTACAGAGGCACCACAAA
<i>CASP3</i>	Caspase 3, Apoptosis-Related Cysteine Peptidase	CGCTCAGGGGAAGATGTATCA	CCAGAGTCCACAGACTTGCTA
<i>CASP8</i>	Caspase 8, Apoptosis-Related Cysteine Peptidase	GCTTGTAACAGAGGGGCAAA	CACAGATGATGCCAGCCAAA
<i>CCNB2</i>	Cyclin B2	CTCCAGCTGCTGTGAATCAA	ACATCCATAGGGACAGGAGAC
<i>CD4</i>	T-Cell Surface Glycoprotein CD4	AGTGGAACCTGGATGTGTCA	TTTCCAAGCGTTCCTTCTCAA
<i>CD40LG</i>	CD40 Ligand	CCAGTGAGGAGTTGCCAAAA	GCCACAGATGTCTCATTCTAC
<i>CDC20</i>	Cell Division Cycle 20	TCAGCTGGAACAGCTACATCC	GCTCAGCCACTCTGACATCA
<i>CDK1</i>	Cyclin-Dependent Kinase 1	CCACAGCCATGGAGGATTACA	TGTGGCGCCCTTTATACACA
<i>CDKN1A</i>	Cyclin-Dependent Kinase Inhibitor 1A	TCTCCCCAGCGTTGAAA	CTTGGGCTTATCGTGGACAAC
<i>CXCR4</i>	Chemokine (C-X-C motif) receptor 4	TATGGACGGCAGCATGGA	AATCTCCTCCGAGCCATTGT
<i>FAS</i>	Fas Cell Surface Death Receptor	GGTGTGAACATTGCGAGTCA	GCACACAGTGTCTGAAGTTGAA
<i>FOXM1</i>	Forkhead Box M1	GTGAAGCAAGGCATGGAGAA	GGTATGGAAACAGCAGCAGAA
<i>FST</i>	Follistatin	AGCCCGAACTTGAAGTCCAATA	GAGCTGCCTGGGCATAAAAC
<i>GAPDH</i>	Glyceraldehyde-3-Phosphate Dehydrogenase	GTGCTGGCATTGCACTGAA	CACAACACGGTTGCTGTATCC
<i>GATA4</i>	GATA Binding Protein 4	AAACAGAACCAGGGCTCTCA	TCCAGACATGGCAGAGACC
<i>GATA6</i>	GATA Binding Protein 6	TCAGGTCAAGATGGGCTGTAC	ACCAGTGATCCTGCCTGAC
<i>H6PD</i>	Hexose-6-Phosphate Dehydrogenase	ATGTACCGGGTGGACCACTA	AACTGACGGTTCTGATCTCGAAA
<i>HSF2</i>	Heat Shock Transcription Factor 2	AGGACTTCCAGGCCATGTTA	CATCTGCACGGAGCTTGTA
<i>HSP90AA1</i>	Heat Shock Protein 90kDa Alpha Class A Member 1	ACACATGCCAACCGCATTTA	CCTCCTCAGCAGCAGTATCA
<i>HSPA5</i>	Heat Shock 70kDa Protein 5	TTTCTGCCATGGTCCTGACAA	AGGCTGGCACAGTAACAACA
<i>HSPA8</i>	Heat Shock 70kDa Protein 8	CTGGCAAGGAGAACAAGATCAC	TTCCTGAACCATCCGCTCAA
<i>LCP2</i>	Lymphocyte Cytosolic Protein 2	TCCTCTACCAGGCAACAATGAC	GGGGTTTCGTGCTTCTGTCTA
<i>MYBL1</i>	Myb-Like Protein 1	ATGGAACACTTGCACTCA	TCTGGTGAGGCATACTGGTA
<i>MYH7</i>	Myosin Heavy Chain 7	ATTTCTGCCCAGCTCCAGAA	TGCCTCTAGTTCCTCTCCA
<i>MYH1E</i>	Myosin Heavy Chain 1E	GATTCCCCAGCAGAGTCCTA	ATTGTCCCTCTGGGATAGCA
<i>NES</i>	Nestin	AGCAGCTCATGCACCTCA	GGGTGCTCTCTGCTTCCA
<i>NTRK2</i>	Neurotrophic Tyrosine Kinase Receptor Type 2	CACCTTCTCCGATGTTTCCAA	ATACCAGTGCTGCAATTCCC
<i>PERP</i>	P53 Apoptosis Effector Related To PMP22	CGCAGTCATCGCATTCTCAA	TTTCACTGGGTAGATGACCAAC
<i>PLK1</i>	Polo-Like Kinase 1	AGCCAAACCCTCTGAGAGAA	TGCTAACCCAGAAGATGGGAA
<i>RPS13</i>	Ribosomal Protein S13	CTTGCTAAGAAAGGCTTGACTCC	CAAAACGAACCTGGGCAACA
<i>RRM2</i>	Ribonucleotide Reductase M2	TCTCTGGAAGGCAAGACCAA	GTTGTCTGTGGGCTTTGACA
<i>SIK1</i>	Salt Inducible Kinase 1	GAGCAGCAGAGAGGGAAGAAA	CCTCCTCAGCAGCAGTATCA
<i>SMAD6</i>	SMAD Family Member 6	GTGTGCTGCAATCCGTACC	TTAGGAGACAGCCGGGAGTA
<i>SMC2</i>	Structural Maintenance Of Chromosomes 2	GAAGAGCTCGACCGAAAGAA	GCATCGAGAAGATGGAACCA
<i>SNTB1</i>	Syntrophin Beta 1	GTCAGAGACCAGCTGGGTAA	CAGTGCTTCTCGTTGTCTCC
<i>SOCS2</i>	Suppressor Of Cytokine Signaling 2	CGTGCTGATGTGCAAGGAC	ACGTGTACAGGGGTTTGTTCA
<i>TBX5</i>	T-Box 5	GTGGGGACGGAGATGATCATAA	GGATTGAGTCCAGTGACCTTCA
<i>TGFB2</i>	Transforming Growth Factor, Beta 2	CGTGCTCTAGATGCTGCCTA	GCCAAGATCCCTCTTGAAGTCA

<i>TGFB3</i>	Transforming Growth Factor, Beta 3	GGGCCCTGGATACCAACTAC	GGTCCTGTCGGAAGTCAATGTA
<i>TLR4</i>	Toll-Like Receptor 4	CCTGCTGGCAGGATGCA	TGTTCTGTCCTGTGCATCTGAA
<i>TNC</i>	Tenascin C	CAAAGGGCAACCAAGCAACA	TGCTGTCACTCCAATGCCATA
<i>TNNT3</i>	Troponin T Type 3	GCAAGCCCTTGAACATTGAC	ACCAGTCCCACAGTTCCTTA
<i>VAV3</i>	Vav 3 Guanine Nucleotide Exchange Factor	ACGTCCTGCAAAGTCTGTCA	CCAGCTCCACACTTAGAGCATA