

**Supplemental Table 1 : Sequence of primers used for Quantitative PCR**

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<b>Gene Name</b>	<b>Forward primer</b>	<b>Reverse primer</b>
<b>18S</b>	GAGGATGAGGTGGAACGTGT	TCTTCAGTCGCTCCAGGTCT
<b>NANOG</b>	CAAAGGCAAACAACCCACTT	TCTGCTGGAGGCTGAGGTAT
<b>OCT4</b>	CTTGCTGCAGAAGTGGGTGGAGGAA	CTGCAGTGTGGGTTTCGGGCA
<b>SOX2</b>	TCGGCATCGCGTTTTT	ACAGCAAATGACAGCTGCAAA
<b>LEFTA</b>	GGGAATTGGGATACCTGGATTC	TAAATATGCACGGGCAAGGCTC
<b>DNMT3B</b>	ATAAGTCGAAGGTGCGTCGT	GGCAACATCTGAAGCCATTT
<b>CRIPTO</b>	ACAGAACCTGCTGCCTGAAT	ATCACAGCCGGGTAGAAATG
<b>SOX17</b>	GGCGCAGCAGAATCCAGA	CCACGACTTGCCCAGCAT
<b>AFP</b>	ACTGCAATTGAGAAACCCACTGGAGATG	CGATGCTGGAGTGGGCTTTTTGTGT
<b>T</b>	ATCACCAGCCACTGCTTC	GGGTTCCCTCCATCATCTCTT
<b>GATA6</b>	CGGCCCTCATCAAGC	TGACAGTTGGCACAGGACAA
<b>NEUROD1</b>	TCACATCATGAGCGAGTCATGA	TGAAACTGGCGTGCCTCTAA
<b>SOX10</b>	AGCCCAGGTGAAGACAGAGA	ATAGGGTCTGAGGGCTG AT
<b>PAX3</b>	CTGGAACATTTGCCAGACT	GCTGTGCGTTCCTAGTCCAG
<b>PAX6</b>	GCCAGCAACACACCTAGTCA	TGTGAGGGCTGTGTCTGTTC
<b>KRT14</b>	GGCCTGCTGAGATCAAAGACTAC	CACTGTGGCTGTGAGAATCTTGTT
<b>MITF Total</b>	CCGGGTGCAGAATTGTAAC	GGACAATTTTGGCATTGTTGG
<b>MITF-M</b>	GCTCACAGCGTGTATTTTTCC	TCTCTTTGGCCAGTGCTCTT
<b>MITF-D</b>	TTCCGCTCCATCTCTGAAGT	TAGCTCGTGGGAAAACCACT
<b>TRP1</b>	AGCAGTAGTTGGCGCTTTGT	TCAGTGAGGAGAGGCTGGTT
<b>TYROSINASE</b>	TTGTACTGCCTGCTGTGGAG	CAGGAACCTCTGCCTGAAAG
<b>PMEL17</b>	TGGACAGAAGCCCAGAGACT	GCAATACCTTTTGGCTTCCA
<b>OTX2</b>	AGCTCGGGAAGTGAGTTCAG	AGGAGGTGGACAAGGGATCT
<b>BEST</b>	GTCAGAGGCTCCTCCTTCT	TCTGCTCCACCAGTGTCTG
<b>RPE65</b>	GATGCTTACGTACGGGCAAT	AAAGCACAGGTGCCAAATTC
<b>CMYC Trans</b>	TGCCTCAAATTGGACTTTGG	CGCTCGAGGTTAACGAATT
<b>KLF4 Trans</b>	GATGAACTGACCAGGCACTA	CCTTGAGGTACCAGAGATCT
<b>OCT4 Trans</b>	CCTCACTTCACTGCACTGTA	CCTTGAGGTACCAGAGATCT
<b>SOX2 Trans</b>	CCCAGCAGACTTCACATGT	CCTTGAGGTACCAGAGATCT

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