

Primers used for real-time qPCR

Transcript	Forward primer (5' → 3')	Reverse Primer (5' → 3')
<i>Myc</i>	CCTACAGCCGTCTTTCCATACC	TCCCTGCCATACTGAGATCCA
<i>Nfix</i>	TTGAGACAGGCAGATAAAGTATGGA	CACAATGATGGGTTTCGCACA
<i>Timp1</i>	GCTGTATTCAATTAGTCCACTTCCA	GGGATTGCTACTACAACCCATT
<i>Gypsy-1_Hg</i>	GCTGTTCCGCACTATCATTG	GCTGTTCCGCACTATCATTG
<i>Gypsy-2_Hg</i>	ATGGAAACGCAGATGCTCTA	CGGAAGTGGTTCTTGTGGTAA
<i>LINE1</i>	AAACCAGACGGGCTTCCTTC	GAATGAAATTCCAGTCTATGGTATCG
<i>Runx1</i>	TCTTGCCAGGGTCTCCATCA	CGGTCTTCCAAATCCAACCTCAC
<i>Echinoidin</i>	AAAGTGTGTGTCCTTGTCATACAGC	TGTAGGTGGAAGTAGATCCGTCAC
<i>Notch 1</i>	GCCAACAATGAGCGAGGATAG	AGGGATACCTCCAAGTGACATATTC
<i>Stxbp 1</i>	GGGTATTCCACTCAGTTACGATTG	GGGACAATGTTTCTCATTTGGTCTT
<i>Klf2</i>	GCCTCACATGAGCCTCCTGAC	GGTGGAATTACTGCGTTGTTCTC
<i>Sox2</i>	GTGCCATTTGCCTTCTCTTACC	GAGTCCACAGCCCATCGTTTC
<i>Oct1</i>	TCAGGGTTGCTTTGGAGAAGAG	GGCAGCATCATAGAGGGAGGAT
<i>Notch 2</i>	TATATGCCGAAACACCGATGA	AACAAGGTTCGCTTTGACG
<i>Cenps</i>	TATGGAAGAACAAGCGATGGA	TTGCTTGTATGTAGCCTCAGAAATG
<i>Similar to predicted protein XP_001628344</i>	TCAAGTACACTAACTGTTCCCATCT	AACTGAAATCCCACCACCC
<i>Cntn5</i>	CCTTCTCCAAGCCAAAGTCG	CCATCAGACCCACCGCAA
<i>Srpx2</i>	AAAGGTGCGACCTGTACTTTCAC	GATACAATTCGGGATTTCTGTGTT
<i>Gypsy-20_Hg</i>	GGGGAATACTAGACCTACAGAATGG	GGTGGAATGGTAACAGTTTCAGC
<i>Jockey mobile element</i>	CTGAGGGGTCAAGTAGAAGGGA	CTTAAACCTCCTGAAGACAAACCA
<i>Neurotrypsin</i>	GGATGATAATGATGCCACGGTA	CACCGATACTTGTTTCTGAACCAG

Reference genes

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<i>Rpl18a</i>	AACAAGGAGACCAGCTACCAACT	ATGTAATTCCAACCCACTTTCAGG
<i>Atp6l</i>	CGGAGCAGGACTTAGTGTCG	TTCCAACAAACAAACGAGGCT
<i>Eef2</i>	TGAAGGTCCACGAGACGATCC	CAGAGAAGACACGACCAAAGGC
<i>Sod</i>	CTCACTAAGCCCTGAAACGACA	ACGGTTCTTCGCTTTCTACTTCA