

Additional File 1. Primer sequences used in qPCR

Gene Name	Forward Primer Sequence	Reverse Primer Sequence
BAP1	GGTGGATGATACGTCCGTGAT	GCTCAGCAAGGCATGAGTTG
CKMT1A	CTCGAGACTGGCCAGATGCT	TCCATGGAGATCACCCGTGTA
DCT	TCAGTTTCAGGAATGCTTTGGAA	TCCCGTTCAGGAAGGAATGA
EXTL2	TCATCAGCACCCACAGACCTT	GATGAAGTAGAGACGTGCTTTCTAGGA
FAM175B	TGACTCACAAATCAGCAACACAGA	CATTCACTTTGCTTGCGTAGTCAT
HECTD2	TTCACCTGCACATCTTGTTTTCC	TGCATCCATAGATGTACGCTGTTT
MBNL1	ATCCGGGTGTCCTGTACCT	GCAATTGCCACGTTGGTACTC
MITF	GAACTCAAAGTCAACCGCTGAA	GCGTGATGTCATACTGGAGGAG
NANOG	TGCTTATTCAGGACAGCCCT	TCTGGTCTTCTGTTTCTTGACT
OCT4	GATAACTGGTGTGTTTATGTTCTTACAAGTCT	GCTTCAGGAGCTTGGCAAATT
PRPF4	GCAGGGATCGAAGCTGGAA	TCTCTCAAACCTCAGCCAATACTTCTG
TNPO1	TATTGGTGA CTCTCTCTCTGATTAG	TGGTAAGAGGTCAGGCCAATTC
TRPM1	ATGAGTTTCGGAGTAGCCCGTCAA	ATCTGGTCTGCAAACACCTCTCCA
TYR	ATTTGCCTGAGTTTGACCCAA	CAGTAAGTGGACTAGCAAATCCTTCC
UBC	ATTTGGGTCGCGGTTCTTG	TGCCTTGACATTCTCGATGGT
UBE2K	GCTCGACTTTGGGCACATGT	TGCATTCTATCAAAGCCCATAG