

Supplemental table 1. Primers used in qPCR studies.

Gene	pathway	Forward primer	Reverse primer	Intron(s) spanned	Amplicon (nt)
β -actin	housekeeping	5'-AAGGATTCCTATGTGGGCGACG-3'	5'-GCCTGGATAGCAACGTACATGG-3'	3	266
Axin2	Wnt	5'-TCCTTATCGTGTGGGCAGTA-3'	5'-ACGGGGGTCATCTCCTTG-3'	4	126
β -catenin	Wnt	5'-AGCTGACCAGCTCTCTTTCA-3'	5'-CCCATCAACTGGATAGTCAGC-3'	13 & 14	226
COX-2	Wnt	5'-CTTCACGCATCAGTTTTTCAAG-3'	5'-TCACCGTAAATATGATTTAAGTCCAC-3'	none	96
c-Myc	Wnt	5'-CACCAGCAGCGACTCTGA-3'	5'-GATCCAGACTCTGACCTTTTGC-3'	2	102
cyclin D1	Wnt	5'-TGTCCTACTACCGCCTCACA-3'	5'-CAGGGCTTCGATCTGCTC-3'	4	92
PPAR Δ	Wnt	5'-CACTGGGCATGTCACACAA-3'	5'-CCCTCGTTTGCAGTCAGC-3'	6	91
ADM	HIF-1 α	5'-GCCTGCCAGACCCTTAT-3'	5'-GTAGCGCTTGACTCGGATG-3'	3	100
NDRG1	HIF-1 α	5'-CCTACATCCTAACTCGATTTGCTC-3'	5'-GGGTCCATCCTGAGATCTTG-3'	7	125
PPFIA4	HIF-1 α	5'-GCCACTCAGATGCCAGA-3'	5'-TCCTTCTTCTCCTGAATCATCC-3'	2	91