

Supplementary Table S1. Primers used in qPCR and ChIP Analysis.

Cyclin D1 ChIP QPCR

5'- AATGCACAGCGTAGTATTCAGGAA-3'
5'- GCCTTCGTATGTGTGTGTTAAGCTA-3'

c-myc ChIP QPCR

5'- CTTAACACACACATACGAAGGCA-3'
5'- GGACAAACCCAAGCTTTCCC-3'

Survivin ChIP QPCR

5'- CAGATGGGTGAGGATCCAAATGCT-3'
5'- CAATCAGGCCACTGTTTGATGTCC-3'

Cyclin D1 QPCR

5'- TGC GTGCAGAAGGAGATTGT-3'
5'- CTCACAGACCTCCAGCATCCA-3'

Myc QPCR

5'- CCTAGTGCTGCATGAGGAGACA-3'
5'- CCTCATCTTCTTGCTCTTCTTCAGA-3'

Survivin QPCR

5'- TGACAACCCGATAGAGGAGCATA-3'
5'- CATCTGCTTCTTGACAGTGAGGAA-3'

MMP-9 QPCR

5'-AGACGTGGGTCGATTCCAAACCTT -3'
5'- TCGCGCAAGTCTTCAGAGTAGTT-3'

β -catenin QPCR

5'-CACGCAAGAGCAAGTAGCTGAT-3'
5'-GCAGCTCGGACCCTCTGA-3'

18S rRNA QPCR

5'- AGTCCCTGCCCTTTGTACACA-3'
5'- CGATCCGAGGGCCTCACTA-3'

Supplementary Table S2. Comparison of Expression of the Wnt Pathway Genes by PCR Array using *Sirt2* WT and KO MEFs.

Genes	Fold Up- or Down- Regulation <i>Sirt2</i> KO MEFs / <i>Sirt2</i> WT MEFs
Cyclin D1	5.5
Fos11	23.1
Fzd8	-6.0
Jun	3.2
Lef1	14.0
Myc	2.4
Nkd1	-45.8
Pitx2	-145.1
Pygo1	-7.4
Sfrp4	-48.2
Tcf7	3.3
Tl31	-9.3

Values are relative to the *Sirt2* WT cells that are assigned 1.0.