

Supplementary data

Supplementary Table 1: Mouse real-time RT-PCR (qPCR) primers

Name	5' primer	3' primer
Adiponectin	TGTTCTCTTAATCCTCCCA	CCAACCTGCACAAGTTCCCTT
Alp	CCAACCTCTTTTGTGCCAGAGA	GGCTACATTGGTGTGAGCTTTT
aP2	GGGGCCAGGCTTCTATTCC	GGAGCTGGGTAGGTATGGG
β -catenin	ATGGAGCCGGACAGAAAAGC	CTTGCCACTCAGGGAAGGA
C/ebp α	CAAGAACAGCAACGAGTACCG	GTCACTGGTCAACTCCAGCAC
Col1a1	GCTCCTCTTAGGGGCCACT	CCACGTCTCACCATTGGGG
Dkk1	CATGAGGCACGCTATGTGCTG	GCGGCGTTGTGGTCATTACC
Gsk-3 β	TGGCAGCAAGGTAACCACAG	CGGTTCTTAAATCGCTTGTCTG
Gapdh	CAGTGCCAGCCTCGTCCCGT	CTGCAAATGGCAGCCCTGGTGA
Ocn	AGGGAGGATCAAGTCCCG	GAACAGACTCCGGCGCTA
Osx	ATGGCGTCCTCTCTGCTTG	TGAAAGGTCAGCGTATGGCTT
Pinch1	CAGCGTCCTTGAAGCTAATGG	TTACTGTTACGATCTTCTCAGC
Ppar γ	TCGCTGATGCACTGCCTATG	GAGAGGTCCACAGAGCTGATT
Pref-1	GACCCACCCTGTGACCCC	CAGGCAGCTCGTGCACCCC
Rankl	CAGCATCGCTCTGTTCTGTA	CTGCGTTTTTCATGGAGTCTCA
Runx2	AACGATCTGAGATTTGTGGGC	CCTGCGTGGGATTTCTTGTT
Sclerostin	AGCCTTCAGGAATGATGCCAC	CTTTGGCGTCATAGGGATGGT
Taz	CCCCCGCTTTGGACAGAAAAT	AGGCTGGAAATGATTGTGGAG
Tnfrsf11b	ACCCAGAAACTGGTCATCAGC	CTGCAATACACACTCATCACT

Yap1	ACCCTCGTTTTGCCATGAAC	TCCACCTGGTTCACCTCATGGTC C
------	----------------------	------------------------------

Supplementary Table 2: Antibody information

Antibody	Company	Catalog #	Application/Dilution
β -Actin	ZSbio	TA-09	WB (1:2000)
aP2	Abcam	Ab92501	WB (1:1000)
Active β -catenin	Millipore	05-665	WB (1:2000)
β -catenin	CST	9562S	WB (1:1000), IHC (1:1000)
p-Caspase 3	Abcam	ab2302	WB (1:1000)
Caspase 3	Abcam	ab90437	WB (1:1000)
p-Caspase 8	CST	9429	WB (1:1000)
Caspase 8	CST	4790	WB (1:1000)
Dmp1	Abcam	ab103203	IF (1:200)
C/ebp α	Abcam	ab40764	WB (1:1000)
Gapdh	ZSbio	TA-08	WB (1:2000)
active Gsk-3 β	CST	9322	WB (1:1000)
Gsk-3 β	CST	12456	WB (1:1000)
Ilk	BD	611802	WB (1:1000)
Osx	Abcam	ab22552	WB (1:1000), IHC (1:1000)
α -Parvin	CST	8190	WB (1:1000),
Pinch1	Abcam	ab108609	WB (1:1000), IHC (1:300)
Ppar γ	CST	2435	WB (1:1000)

Phalloidin-488	Invitrogen™	A12379	IF (1:200)
Runx2	CST	ab76956	WB (1:1000)
Rankl	Santa Cruz	sc-52950	IHC (1:1000)
Sclerostin	Abcam	Ab63097	IHC (1:200), WB (1:1000)
Yap1/Taz	CST	8418	WB (1:1000)