

Table S1. Primers used for RT-PCR and cloning

Genes	Forward primer sequences:	Reverse primer sequences
<i>Pparγ</i>	CTTGACAGGAAAGACAACGG	GCTTCTACGGATCGAAACTG
<i>C/ebpa</i>	CTGATTCTTGCCAAACTGAG	GAGGAAGCTAAGACCCACTAC
<i>Fabp4</i>	AAATCACCGCAGACGACAGG	GGCTCATGCCCTTTCATAAAC
<i>adipsin</i>	TGATGTGTGCAGAGAGCAAC	CGTAACCACACCTTCGACTG
<i>Runx2</i>	TCCTGTAGATCCGAGCACCA	CTGCTGCTGTTGTTGCTGTT
<i>Alp</i>	CCAGAAAGACACCTTGACTGTGG	TCTTGTCCGTGTCGCTCACCAT
<i>Osterix</i>	GGCTTTTCTGCGGCAAGAGGTT	CGCTGATGTTTGCTCAAGTGGTC
<i>Osteocalcin</i>	GCAATAAGGTAGTGAACAGACTCC	CCATAGATGCGTTTGTAGGCGG
<i>Bsp</i>	AATGGAGACGGCGATAGTTCCG	GGAAAGTGTGGAGTTCTCTGCC
<i>Opn</i>	GCTTGGCTTATGGACTGAGGTC	CCTTAGACTCACCGCTCTTCATG
<i>β-actin</i>	AAGACCTCTATGCCAACACAG	GGAGGAGCAATGATCTTGATC
<i>Ndrp1 primers for cloning</i>	TTGGTACCGAGCTCGGATCCGCCACCA TGTCCCGAGAGCTACATGA	GCTGGATATCTGCAGAATTCTTAGC AGGACACCTCCATGG
<i>Ndrp1 shRNA oligo pair</i>	GATCCGCAGGAGATCACACAACATTT CAAGAGAATGTTGTGTGATCTCCTGC TTTTTTACGCGTG	AATTCACGCGTAAAAAAGCAGGAG ATCACACAACATTCTCTTGAAATGTT GTGTGATCTCCTGCG

Table S2. siRNA sequences used for gene silencing

Genes	Sense sequences	Antisense sequences
<i>Ndr1</i> siRNA	GCUGUGGUGGAAUGCAAUUTT	AAUUGCAUUCCACCACAGCTT
<i>β-catenin</i> siRNA	GGACCUACACUUAUGAGAATT	UUCUCAUAAGUGUAGGUCCTT