A

Gene Nan	miRNA									
ABAT	hsa-miR-2	hsa-miR-5	hsa-miR-153							
ABCE1	hsa-miR-2	hsa-miR-5	hsa-miR-145							
ABLIM1	hsa-miR-34c-5p									
ADD3	hsa-miR-4	hsa-miR-145								
APBB2	hsa-miR-153									
ARFIP1	hsa-miR-148a									
ASB1	hsa-miR-4	hsa-miR-34c-5p								
BAZ2B	hsa-miR-3	hsa-miR-1	hsa-miR-4	hsa-miR-2	hsa-miR-2	hsa-miR-9	hsa-miR-9	hsa-miR-1	hsa-miR-1	hsa-miR-5
CAMK2D	hsa-miR-1	hsa-miR-145								
CLDN1	hsa-miR-2	hsa-miR-1228								
COL5A2	hsa-miR-2	hsa-miR-335								
COLEC12	hsa-miR-4	hsa-miR-148a								
CPEB4	hsa-miR-1	hsa-miR-4	hsa-miR-2	hsa-miR-9	hsa-miR-1	hsa-miR-1	hsa-miR-1	hsa-miR-153		
CPM	hsa-miR-26a-1*									
CXCL5	hsa-miR-92b									
CYFIP2	hsa-miR-153									
DPP4	hsa-miR-29b-1*									
ELMOD1	hsa-miR-34c-5p									
EPB41L4B	hsa-miR-3	hsa-miR-1	hsa-miR-9	hsa-miR-138						
F11R	hsa-miR-29b-1*									
FBN2	hsa-miR-92b									
FKBP1B	hsa-miR-3	hsa-miR-34c-5p								
GCNT2	hsa-miR-181c									
HEY1	hsa-miR-505									
HMGA2	hsa-miR-2	hsa-miR-9	hsa-miR-148a							
HMOX1	hsa-miR-525-5p									
IL17RD	hsa-miR-2	hsa-miR-335								
IL1A	hsa-miR-181c									
KDR	hsa-miR-4	hsa-miR-221								
KIAA1217	hsa-miR-4	hsa-miR-1	hsa-miR-34c-5p							
KLF5	hsa-miR-1	hsa-miR-1	hsa-miR-153							
KLHL5	hsa-miR-181c									
LATS2	hsa-miR-92b									
LRBA	hsa-miR-181c									
MACF1	hsa-miR-138									
NAP1L5	hsa-miR-2	hsa-miR-221								
NR4A2	hsa-miR-1	hsa-miR-34c-5p								
NRIP3	hsa-miR-34c-5p									
PAPPA	hsa-miR-5	hsa-miR-138								
PAPSS2	hsa-miR-525-5p									
PDGFC	hsa-miR-29b-1*									
PHLDA1	hsa-miR-1	hsa-miR-525-5p								
PLEKHH2	hsa-miR-484									
PPAP2B	hsa-miR-1	hsa-miR-9	hsa-miR-148a							
PRKCE	hsa-miR-1	hsa-miR-2	hsa-miR-92b							
PTP4A2	hsa-miR-4	hsa-miR-5	hsa-miR-138							
RAB31	hsa-miR-26a-1*									
RAB3B	hsa-miR-345									
RBPMS	hsa-miR-1	hsa-miR-145								
RIMS3	hsa-miR-2	hsa-miR-2	hsa-miR-1	hsa-miR-9	hsa-miR-1	hsa-miR-34c-5p				
RIOK3	hsa-miR-29b-1*									
ROBO1	hsa-miR-2	hsa-miR-2	hsa-miR-9	hsa-miR-148a						
SATB2	hsa-miR-218									
SATB2	hsa-miR-34c-5p									
SLC1A1	hsa-miR-26a-1*									
SLC40A1	hsa-miR-221									
SLC4A4	hsa-miR-2	hsa-miR-2	hsa-miR-153							
SLC7A2	hsa-miR-34c-5p									
SMAD1	hsa-miR-2	hsa-miR-3	hsa-miR-548c-5p							
SNAP25	hsa-miR-1	hsa-miR-153								
SRP72	hsa-miR-218									
TBX3	hsa-miR-9	hsa-miR-153								
TLK1	hsa-miR-153									
TNC	hsa-miR-218									
TNFAIP3	hsa-miR-29b-1*									
USP53	hsa-miR-26a-1*									
ZAK	hsa-miR-92b									

B

Gene Nan	miRNA			
AK5	hsa-miR-494			
ARMCX2	hsa-miR-2	hsa-miR-522		
BACE2	hsa-let-7i			
CALD1	hsa-miR-519a			
COL1A1	hsa-let-7i			
COL1A2	hsa-let-7i			
COL3A1	hsa-let-7i			
COL9A3	hsa-let-7i			
CTNND2	hsa-miR-3	hsa-miR-494		
EFNB2	hsa-miR-1	hsa-miR-1	hsa-miR-206	
EIF4E3	hsa-miR-130a			
FBXL16	hsa-miR-33b			
GREM1	hsa-miR-224			
GRM5	hsa-miR-1	hsa-miR-1	hsa-miR-181a	
HOXA10	hsa-miR-1	hsa-miR-552		
MEST	hsa-miR-1	hsa-miR-1	hsa-miR-181a	
MYLK	hsa-miR-1	hsa-miR-5	hsa-miR-206	
NAP1L3	hsa-miR-130a			
PPP2R2B	hsa-miR-494			
SEMA5A	hsa-miR-1	hsa-miR-522		
SOX4	hsa-miR-1	hsa-miR-3	hsa-miR-5	hsa-miR-2
ZNF521	hsa-miR-5	hsa-miR-517c		

FIG. S7. miRNA-target prediction. List of differentially expressed genes between SN12C and LM2 cell populations predicted to be targeted by miRNA altered in the same cell derivatives. A. Downregulated miRNAs. B. Upregulated miRNAs.