



Inhibitors of Preadipocyte to Adipocyte Transition

DLK1
GATA2
GATA3
GATA4
WNT1
WNT5B
WNT10B
NDN

Transcription Factors/Modulators

CEBPA
CEBPB
CEBPD
PPARA
PPARG
PPARD
RXRA
RXRG
RARA
NR1H3
CREB1

MEF2A
MEF2B
MEF2C
MEF2D
SREBF1
RCJMB04_8n1
NCOA1
NR2F1
RORA
NRIP1
NCOR1
NCOR2

Growth Factors/Hormones

INS
IGF1
NR3C1
GH1
TGFB1
PRLR

Fully Differentiated Adipocyte Markers

GTF3A
FAS
SLC2A4
PLIN
LPL
PPARGC1A
UCP1
LIPE

Miscellaneous

BMP1
BMP2
BMP3
GDF10
BMP4

FOXO1A
FOXC2

CNTFR
LIFR
IL6ST
OSM
CTNNB1
SMAD3
RCJMB04_2d20
HNFB1A
FRZB
CYP26A1
CYP26B1

E2F1
E2F4
RBL1
RBL2
RB1

ASIP
DDIT3

GADD45A
GADD45B
HMG1A
ID3

RCJMB04_17i
STAT2
STAT3
STAT5A
STAT5B
STAT6
HIF1A
CUGBP1

AHR
CISD1
WWTR1

LIF
MIF
MIXL1
CDKN1A
SERPINE1
PTGIS
SCD
SP1
TWIST1
SFRP4

Insulin Action Genes

IRS1
IRS2
IRS3L
IRS4

Possible Lipodystrophy Genes

BSCL2
LMNA
AGPAT2
ZMPSTE24
LPIN1
LPIN2
LPIN3

Adipocyte Secretory Products

LEP
ADIPOQ
IL6
TNF
RETN
DF
ADFP
ADPN
AGT
RCJMB04_6p13
SPOCK1