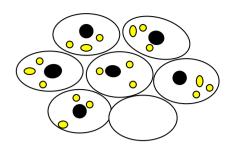
Title: Adipogenesis Organism: Gallus gallus

Preadipocyte

Differentiated adipocyte



Inhibitors of Preadipocyte to Adipocyte Transition

DLK1
GATA2
GATA3
GATA4
WNT1
WNT5B
WNT10B
NDN

Transcription Factors/Modulators

CEBPA		MEF2A
СЕВРВ		MEF2B
CEBPD		MEF2C
PPARA		MEF2D
PPARG		SREBF1
PPARD		RCJMB04_8n1
RXRA		NCOA1
RXRG		NR2F1
RARA		RORA
NR1H3		NRIP1
CREB1		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
ВМР3
GDF10
BMP4

KLF5
KLF6
KLF7
KLF15

	EGR2
	EBF1
	EPAS1

FZD1	
PCK1	

FOXO1A

FOXC2

SOCS1

SOCS3

TRIB3

NCOA2

CNTFR
LIFR
IL6ST
OSM
CTNNB1
SMAD3
RCJMB04_2d20
HNF1A
FRZB
CYP26A1
CYP26B1

• • • • • • • • • • • • • • • • • • • •
_IFR
_6ST
DSM
NNB1
MAD3
304_2d20
NF1A
RZB
P26A1
P26B1

E2F1	СЈМВ04_1
E2F4	STAT2
RBL1	STAT3
RBL2	STAT5A
RB1	STAT5B
	STAT6
ASIP	HIF1A
DDIT3	CUGBP1
GADD45A	
GADD45A	ALIB

GADD45B HMGA1 ID3

_	AHR
	CICD1
	CISD1
_	WWTR1

	LIF	
	MIF	
	MIXL1	
	CDKN1A	
- 9	SERPINE1	
	PTGIS	
	SCD	
	SP1	
	TWIST1	
	SFRP4	

Insulin Action Genes

	IRS1
Ī	IRS2
	IRS3L
I	IRS4

Possible Lipodystrophy Genes

BSCL2
LMNA
AGPAT2
ZMPSTE24
LPIN1
LPIN2
LPIN3

LEP
ADIPOQ
IL6
TNF
RETN
DF
ADFP
ADPN
AGT
CJMB04_6p13
SPOCK1
<u> </u>

Adipocyte Secretory Products