

PHYSIOLOGICAL FACTORS

GENETIC FACTORS

mRNA

OB gene (Leptin)
ADIPOR (Adiponectin Receptor)
FTO
Myogenin/Myostatin/MyoD
PPAR's
CAPN10
USF1
HNF's
AMPK
MC4R

Epigenetic:

Mitochondrial DNA
Agouti
ApoE- family

HORMONAL FACTORS

Endocrines & Exocrine:

GH
Testosterone (and Androgens)
Insulin
Cortisol
Epinephrine (Adrenaline)
Thyroid Hormones (T₃, T₄)
IGF

Adipokines & Cytokines:

Adiponectin
Adipsin
TNF- α
Leptin
IL's
CRP
Visfatin
Resistin
RBP-4
Ghrelin
AMPK