

Supplementary Table-1

Composition	Normal Diet	High Fat Diet (TD 06414)
Protein	16.7%	23.5%
Carbohydrate	56%	27.3%
Fat	4.2%	34.3%
Energy	3.3 Kcal/g	5.1 Kcal/g

Composition of normal diet and hight fat diet.

Supplementary Table-2

Interferon- γ	MIP-1b
MIP-1a	IL-6
Keratinocyte chemoattractant (KC)	IL-5
Interferon inducible protein-10	IL-3
IL-7	IL-4
IL-9	IL-12p70
IL-10	Eotaxin
VEGF	IL-12p40
Monocyte induced by γ -interferon	IL-15
Monocyte chemoattractant protein-1	IL-2
M-CSF	IL-13
G-CSF	IL-1 β
Leukemia inhibitory factor cytokine	IL-17
GM-CSF	RANTES
Lipopolysaccharide induced CXC chemokine	IL-1 α
TNF- α	MIP-2

List of cytokines measured using the luminex cytokine panel.

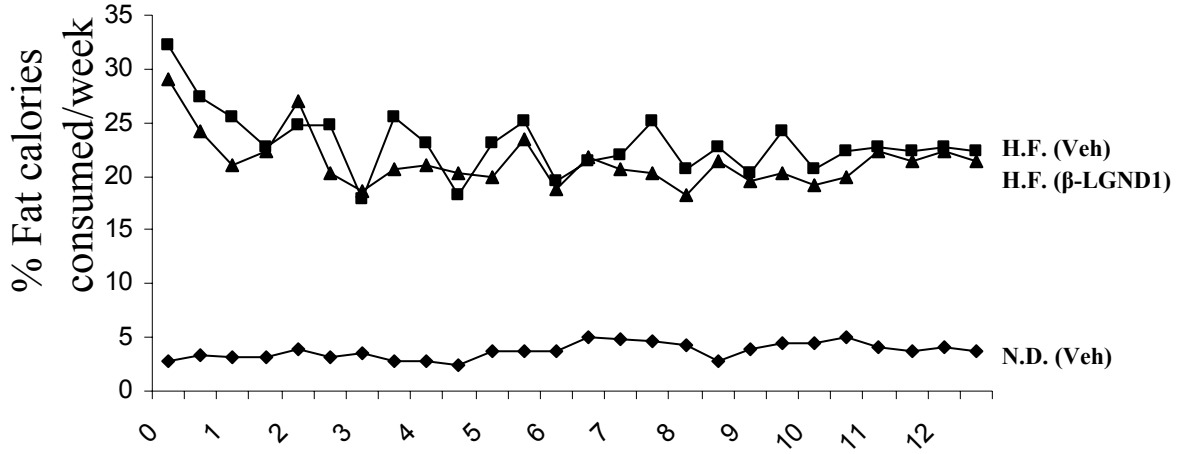
Supplementary Table-3

ER- α
ER- β
PGC-1 α
PGC-1 β
UCP-1
C/EBP- δ
mCPT-1
PPAR- δ
SHP
PRDM16
Dio2
FASN
CPT-1
LXR- α
Apolipoprotein E
Glucose-6-phosphate dehydrogenase

Glycerol-3-phosphate acyltransferase
SREBP-1c
GAPDH
18S
Leptin receptor
Phospholipids transfer protein
C/EBP- α
STAT-1
GADD153
Glutathione peroxidase 3
CIDEA
Lipoprotein lipase
Farnesoid X-receptor
Amyloid precursor protein
PPAR- γ
PPAR- α

Taqman gene expression array list.

Supplementary Figure-1



Percent fat calories was calculated for animals fed with normal diet (N.D. Veh) or with high fat diet (H.F. diet) and treated with vehicle (Veh) or β -ligand (β -LGND1) for 12 weeks.