

Table 4. Targeted Q-PCR analysis of intact mammary glands after 3 or 4 weeks on HFD vs. LFD

A Growth Factor PCR Array, 3 weeks on diet HFD vs. LFD

Symbol	Description	Fold change
Fgf18	Fibroblast growth factor 18	2.0
Il4	Interleukin 4	2.0

B Growth Factor PCR Array, 4 weeks on diet HFD vs. LFD

Symbol	Description	Fold change
Bdnf	Brain derived neurotrophic factor	2.4
Lefty2	Left-right determination factor 2	-2.5
Lif	Leukemia inhibitory factor	2.8

C Inflammation PCR Array, 3 weeks on diet HFD vs. LFD

Symbol	Description	Fold change
Ccl24	Chemokine (C-C motif) ligand 24	2.7
Ccl3	Chemokine (C-C motif) ligand 3	2.3
Il4	Interleukin 4	2.2
Il5ra	Interleukin 5 receptor, alpha	3.0

D Inflammation PCR Array, 4 weeks on diet HFD vs. LFD

Symbol	Description	Fold change
RANKL	Receptor activator of nuclear factor kappa-B ligand	17

E Angiogenesis PCR Array, 3 weeks on diet HFD vs. LFD

Symbol	Description	Fold change
Hand2	Heart and neural crest derivatives expressed 2	2.9

F Angiogenesis PCR Array, 4 weeks on diet HFD vs. LFD

Symbol	Description	Fold change
Fzd5	Frizzled homolog 5	2.0

N=3 HFD mice, N=3 LFD mice
 $p \leq 0.05$ for all genes listed