

Table 3. Targeted Q-PCR analysis of DMBA-treated mammary glands after 10 weeks on HFD vs. LFD

A Growth Factor Array HFD vs. LFD

Symbol	Description	Fold change
Bmp2	Bone morphogenetic protein 2	2.0
Bmp3	Bone morphogenetic protein 3	2.4
Fgf10	Fibroblast growth factor 10	2.0
Gdf10	Growth differentiation factor 10	1.9
Gdf5	Growth differentiation factor 5	2.2
Nodal	Nodal	2.4
Pgf	Placental growth factor	2.5
Tgfa	Transforming growth factor alpha	1.9
Tgfb1	Transforming growth factor, beta 1	1.9
Vegfa	Vascular endothelial growth factor A	2.1
Il1a	Interleukin 1 alpha	3.0
Il1b	Interleukin 1 beta	2.1
Il2	Interleukin 2	3.0
Il7	Interleukin 7	3.4
Cxcl12	Chemokine (C-X-C motif) ligand 12	1.8

B Inflammation Array HFD vs. LFD

Symbol	Description	Fold change
Ccl1	Chemokine (C-C motif) ligand 1	4.5
Ccl17	Chemokine (C-C motif) ligand 17	3.2
Ccl19	Chemokine (C-C motif) ligand 19	7.5
Ccl20	Chemokine (C-C motif) ligand 20	5.2
Ccl22	Chemokine (C-C motif) ligand 22	7.6
Il1b	Interleukin 1 beta	2.1
Il2rb	Interleukin 2 receptor, beta chain	2.7
Cxcr2	Chemokine (C-X-C motif) receptor 2	4.3
Lta	Lymphotoxin A	3.2
Xcr1	Chemokine (C motif) receptor 1	2.5

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