

S4 Table. Functional Annotation Analysis for Bystander Mammary Glands

Upregulated Genes

Downregulated Genes

Day 3/4; ↑

Gene Classification Group	Score (-log ₁₀)
Complement and Coagulation Cascades KEGG (cfa04610)	2.03
Small Cell Lung Cancer KEGG (cfa05222)	1.75
Prostate Cancer KEGG (cfa05215)	1.65
Focal Adhesion KEGG (cfa04510)	1.42
Arachidonic Acid Metabolism KEGG (cfa00590)	1.38
Chemokine Signaling Pathway KEGG (cfa04062)	1.38
Neutrophin Signaling Pathway KEGG (cfa04722)	1.38

Day 6/7; ↑

Gene Classification Group	Score (-log ₁₀)
Proteasome KEGG (cfa03050)	1.90
Ether Lipid Metabolism KEGG (cfa00565)	1.89
Complement and Coagulation Cascades KEGG (cfa04610)	1.79
Leukocyte Transendothelial Migration KEGG (cfa04670)	1.47
ECM-Receptor Interaction KEGG (cfa04512)	1.40

Day 3/4; ↓

Gene Classification Group	Score (-log ₁₀)
Hypertrophic Cardiomyopathy (HCM) KEGG (cfa05410)	2.03
Dilated Cardiomyopathy KEGG (cfa05414)	1.84
Calcium Signaling Pathway KEGG (cfa04020)	1.69
Valine, Leucine, and Isoleucine Biosynthesis KEGG (cfa00290)	1.68
RNA Polymerase KEGG (cfa03020)	1.35

Day 6/7; ↓

Gene Classification Group	Score (-log ₁₀)
Glycerolipid Metabolism KEGG (cfa00561)	2.66
Propanoate Metabolism KEGG (cfa00640)	2.60
Hedgehog Signaling Pathway KEGG (cfa04340)	1.76
PPAR Signaling Pathway KEGG (cfa03320)	1.76
Adipocytokine Signaling Pathway KEGG (cfa04920)	1.72
Glycosphingolipid Biosynthesis KEGG (cfa00604)	1.67
Fructose and Mannose Metabolism KEGG (cfa00051)	1.63
N-Glycan Biosynthesis KEGG (cfa00510)	1.62
Valine, Leucine, and Isoleucine Degradation KEGG (cfa00280)	1.62
Acute Myeloid Leukemia KEGG (cfa05221)	1.40
Pentose Phosphate Pathway KEGG (cfa00030)	1.39
Tight Junction KEGG (cfa04530)	1.36