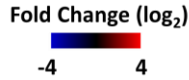
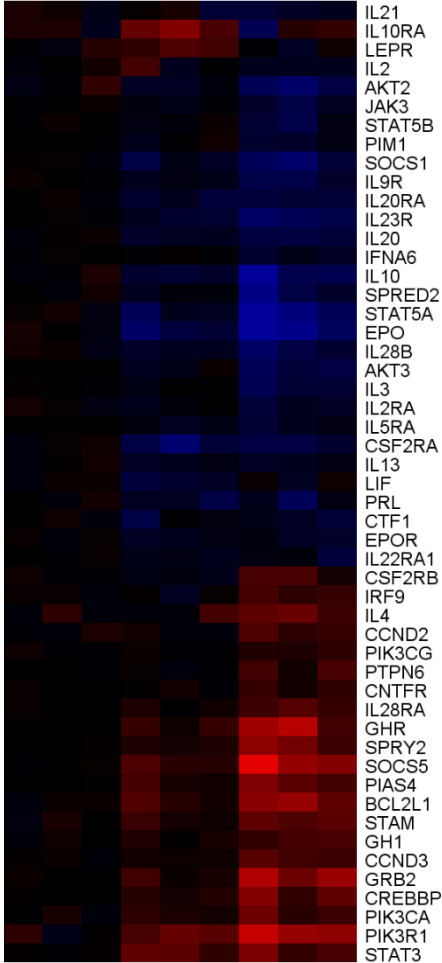


Jak-STAT Signaling Pathway; cfa04630

Mammary Gland (MG)

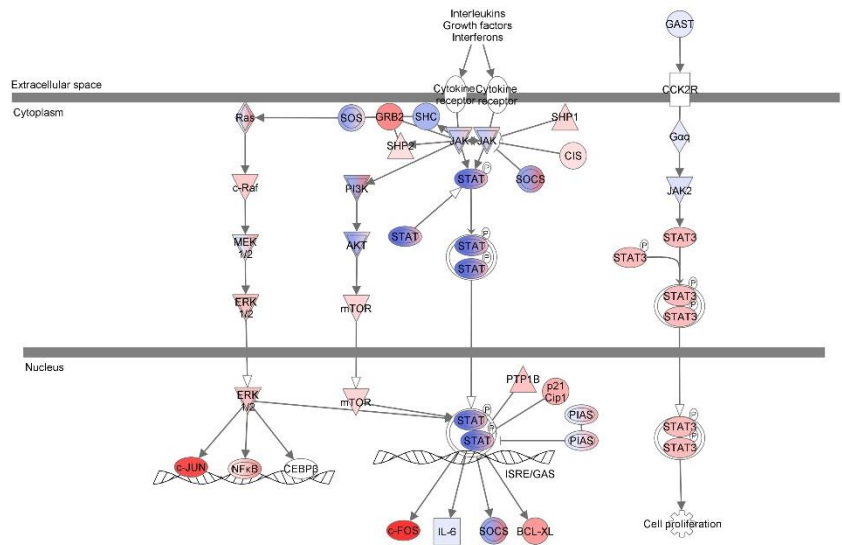


Mock D3/4 D6/7



Jak/STAT Signaling

Mammary Gland (MG) D6/7



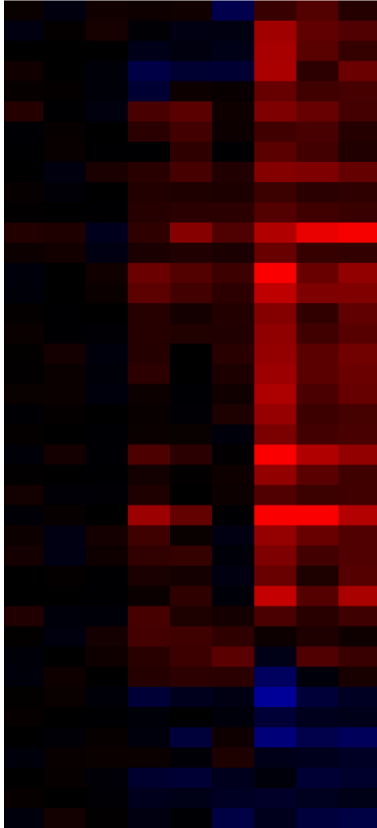
TGF- β Signaling Pathway; cfa04350

Mammary Gland (MG)

Fold Change (\log_2)



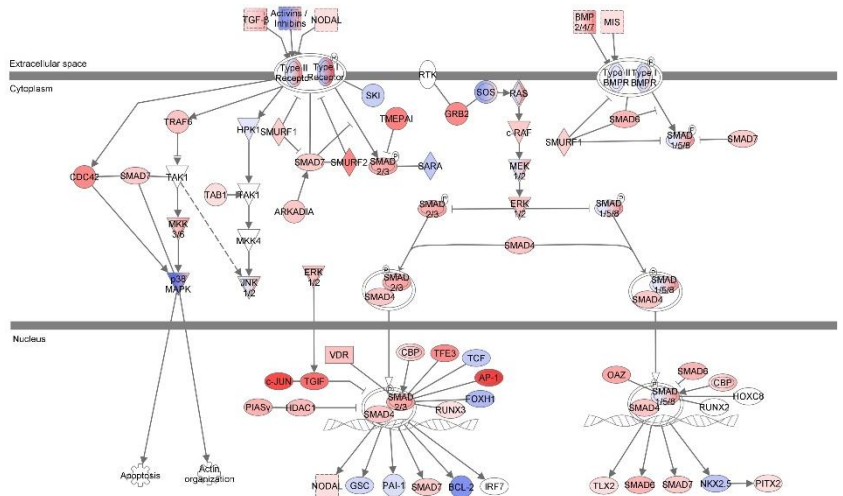
Mock D3/4 D6/7



TFDP1
ACVRL1
ID3
FST
ROCK1
SMAD3
SMURF1
SMAD7
E2F5
RPS6KB1
ACVR1B
ACVR1C
SMAD4
TGFB2
SMURF2
CREBBP
PPP2CA
CUL1
SMAD2
RHOA
RBX1
INHBA
DCN
PPP2CB
ACVR2A
THBS4
COMP
SMAD6
MAPK1
BMP2
PPP2R1A
TNF
BMP7
THBS1
RBL2
BMP1B
INHBC
ACVR2B
SKP1
GDF5
ACVR1

TGF- β Signaling

Mammary Gland (MG) D6/7

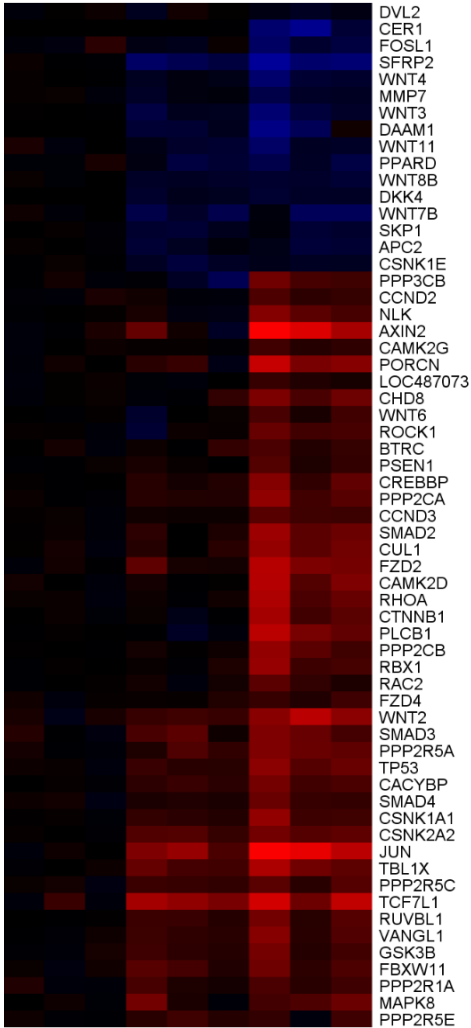


Wnt Signaling Pathway; cfa04310

Mammary Gland (MG)

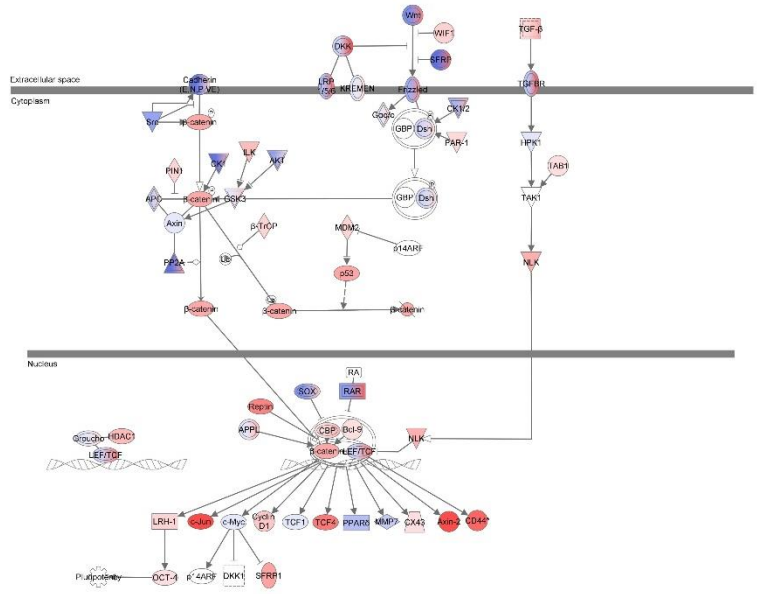


Mock D3/4 D6/7



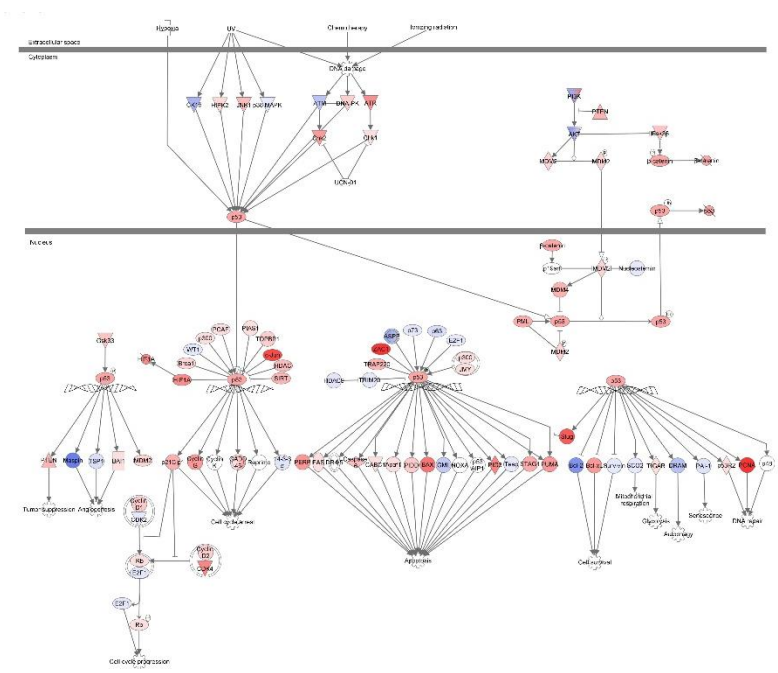
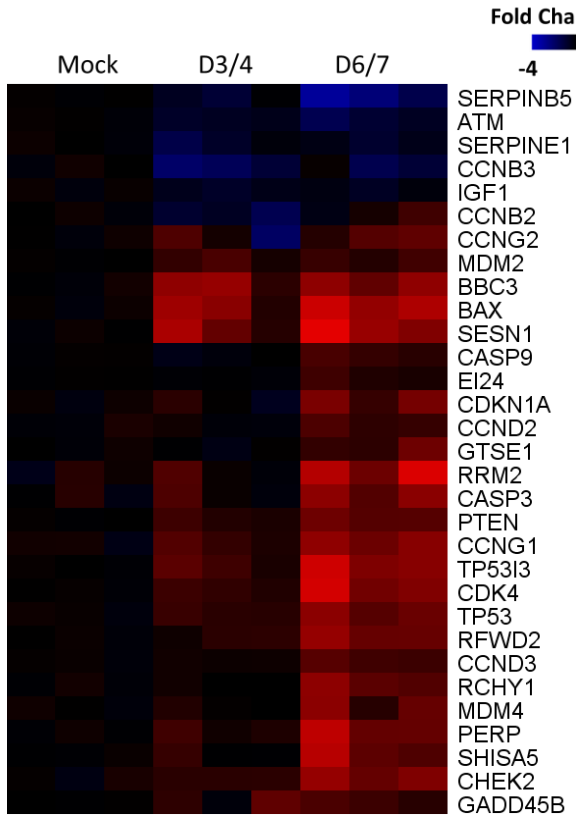
Wnt/ β -Catenin Signaling

Mammary Gland (MG) D6/7



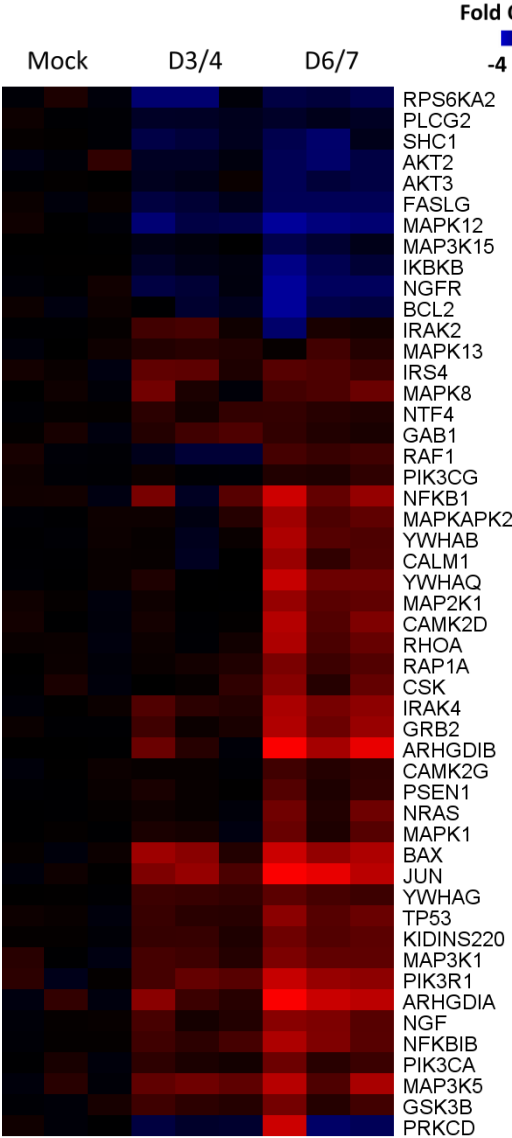
p53 Signaling Pathway; cfa04115
Mammary Gland (MG)

p53 Signaling
Mammary Gland (MG) D6/7



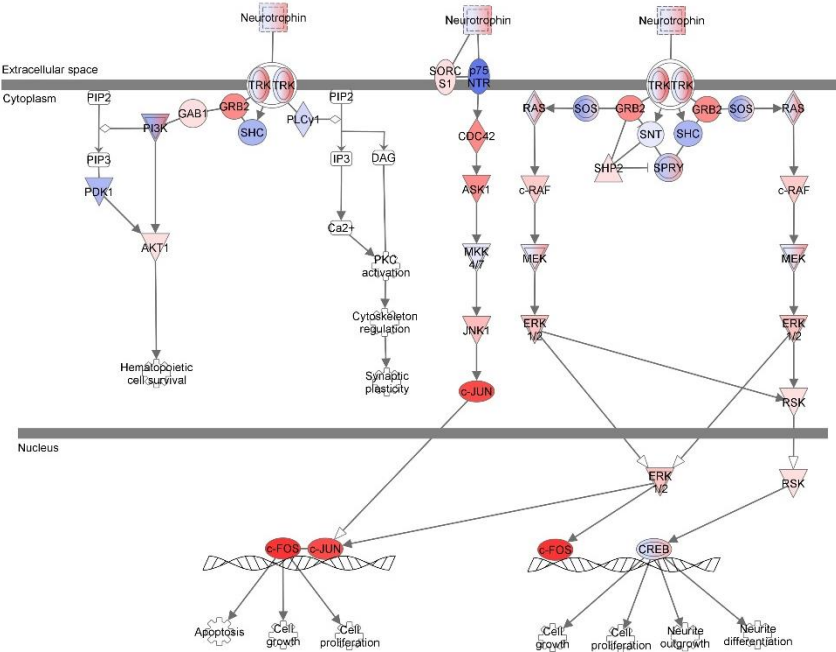
Neurotrophin Signaling Pathway; cfa04722

Mammary Gland (MG)



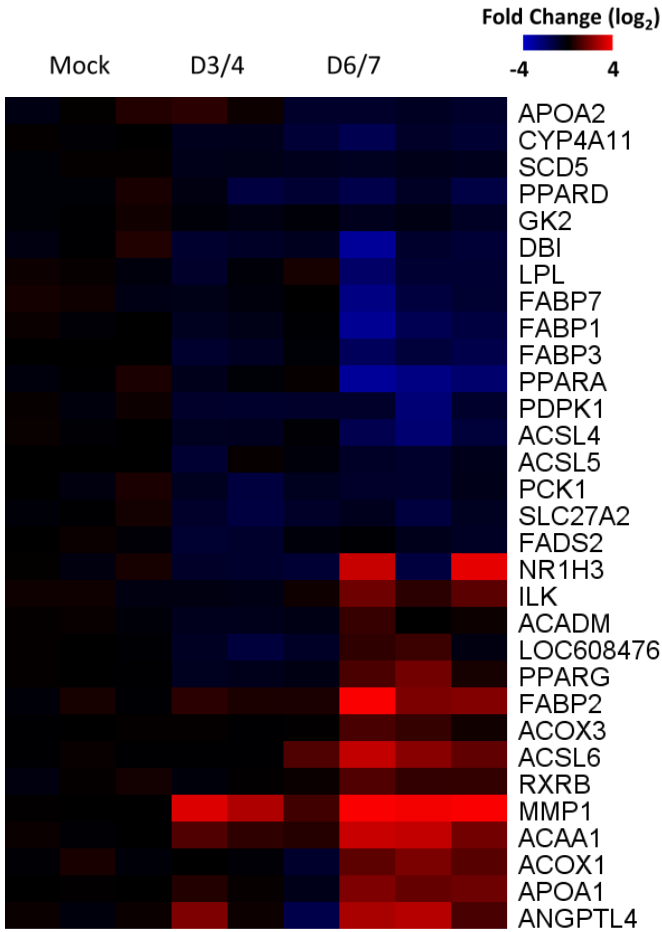
Neurotrophin/RTK Signaling

Mammary Gland (MG) D6/7



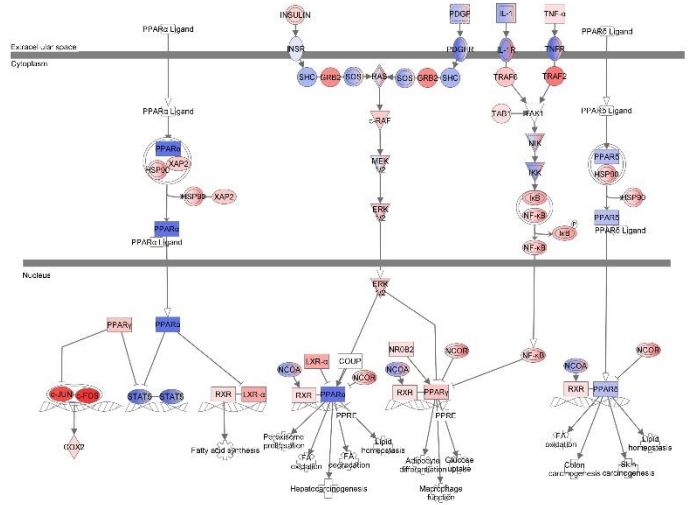
PPAR Signaling Pathway; cfa03320

Mammary Gland (MG)



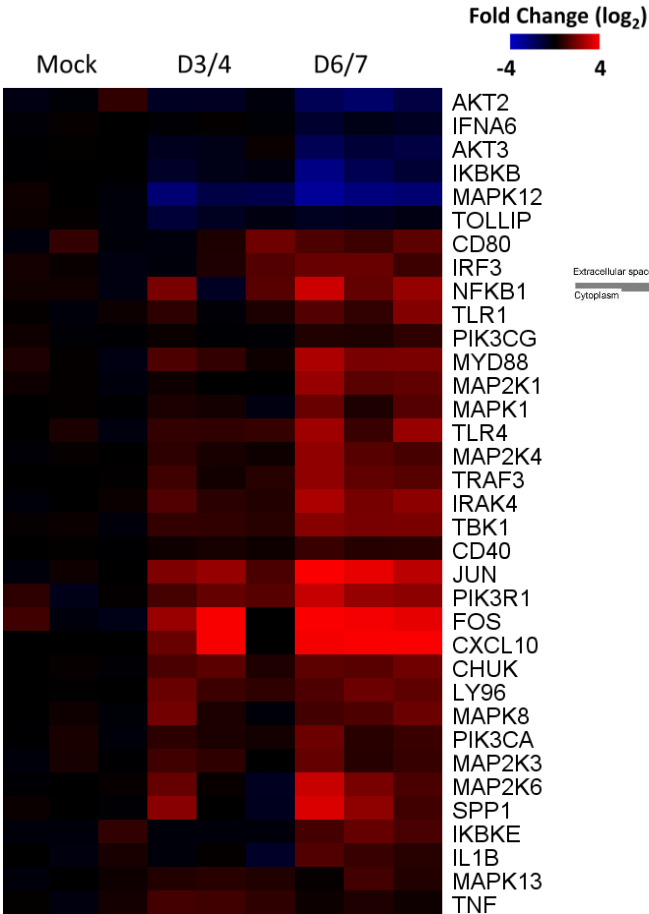
PPAR Signaling

Mammary Gland (MG) D6/7



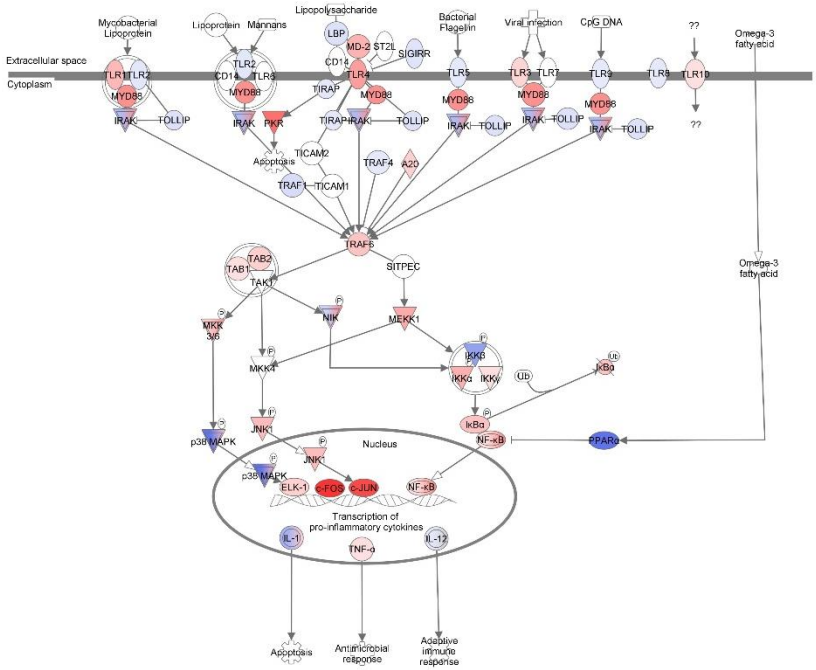
Toll-Like Receptor Signaling Pathway; cfa04620

Mammary Gland (MG)



Toll-Like Receptor Signaling

Mammary Gland (MG) D6/7

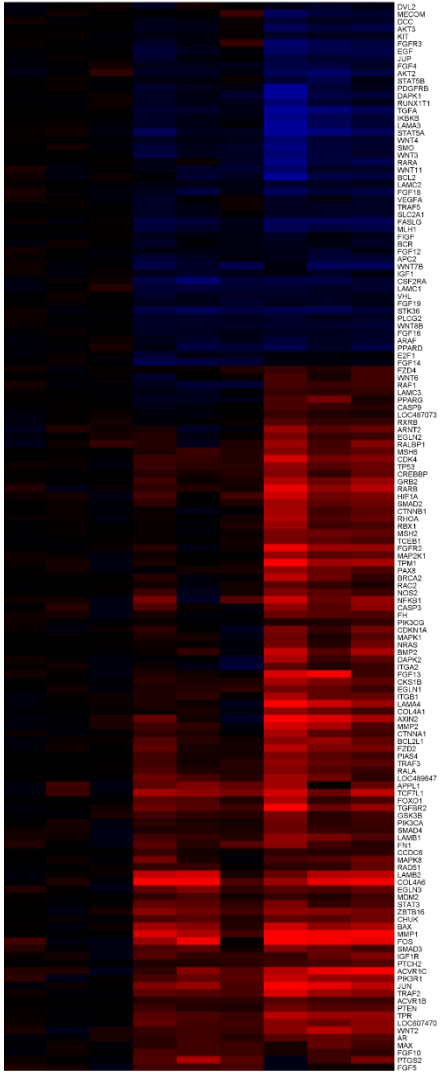


Pathways in Cancer; cfa05200 Mammary Gland (MG)

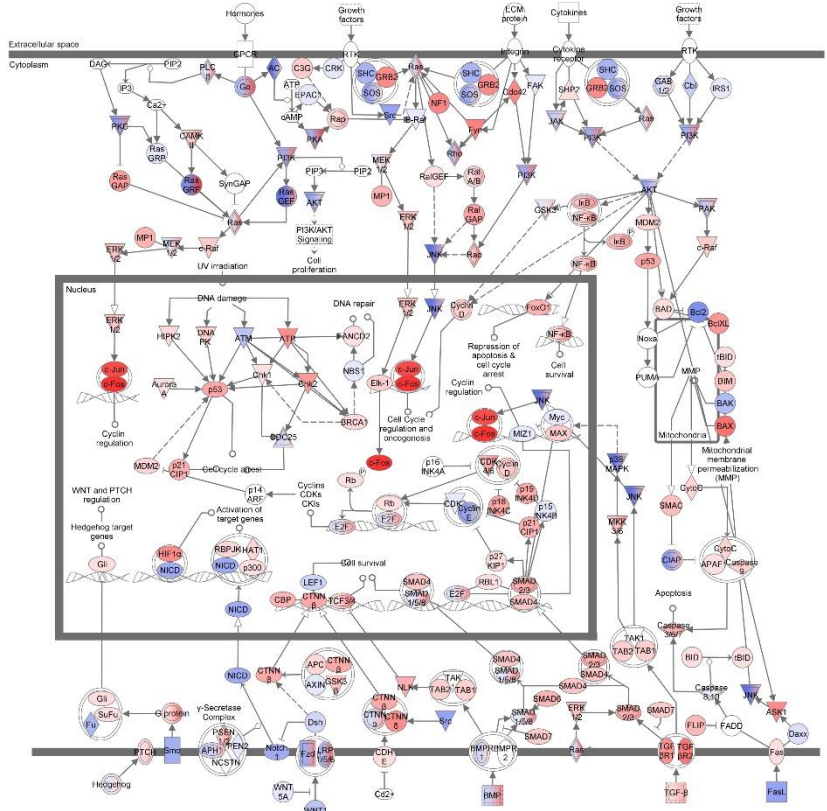
Fold Change (log₂)



Mock D3/4 D6/7



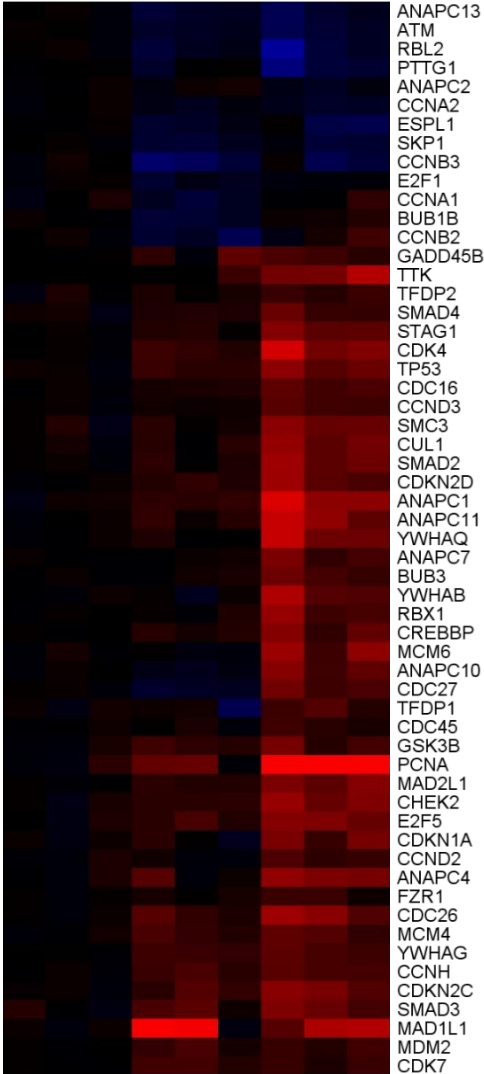
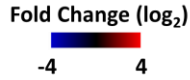
Molecular Mechanisms of Cancer Mammary Gland (MG) D6/7



Cell Cycle; cfa04110

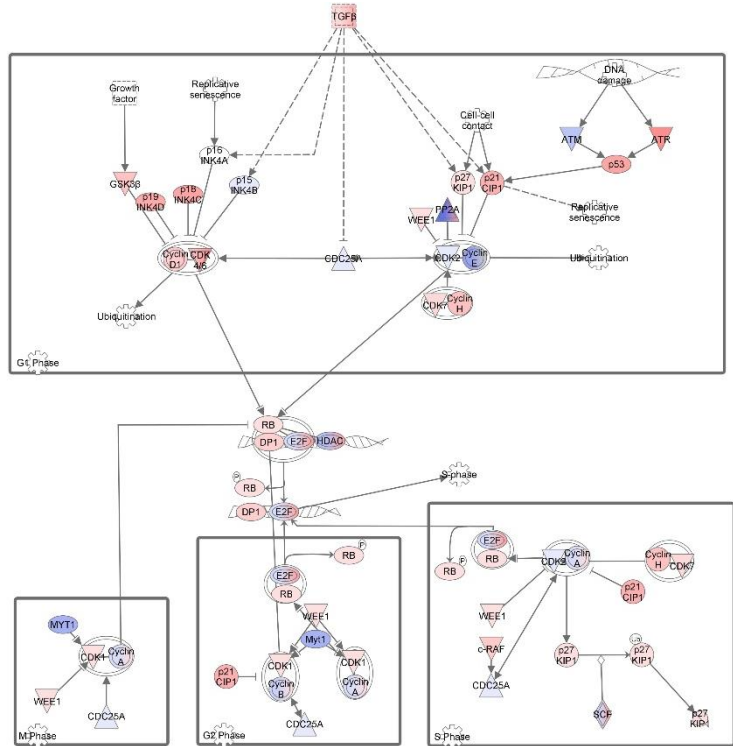
Mammary Gland (MG)

Mock D3/4 D6/7



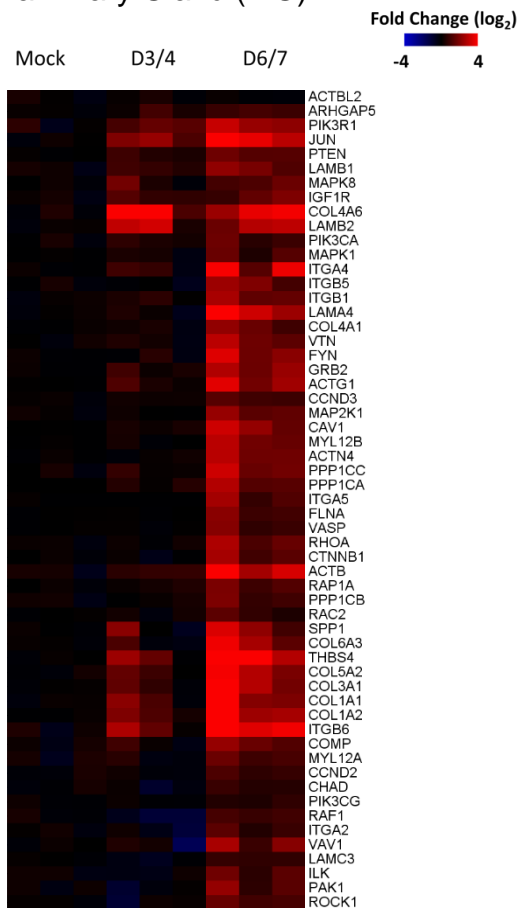
Cyclins and Cell Cycle Regulation

Mammary Gland (MG) D6/7



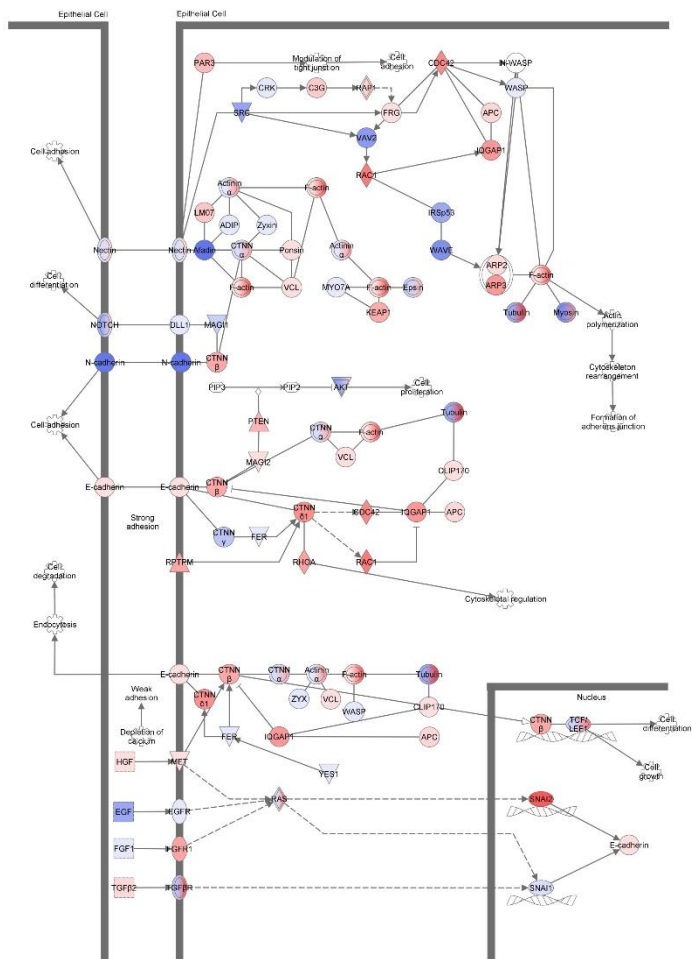
Focal Adhesion; cfa04510

Mammary Gland (MG)



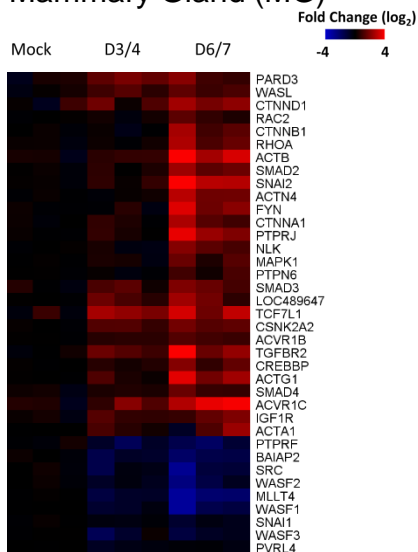
Epithelial Adherens Junction Signaling

Mammary Gland (MG) D6/7




















Adherens Junction; cfa04520

Mammary Gland (MG)



Network Shapes

-  Cytokine
-  Growth Factor
-  Chemical / Drug/ Toxicant
-  Enzyme
-  G-protein Coupled Receptor
-  Ion Channel
-  Kinase
-  Ligand-dependent Nuclear Receptor
-  Peptidase
-  Phosphatase
-  Transcription Regulator
-  Translation Regulator
-  Transmembrane Receptor
-  Transporter
-  microRNA
-  Complex / Group
-  Other

*For dataset files that contain only identifiers (i.e. no expression values), the color gray identifies the Focus Genes from that dataset.

- Red** User input molecule that is upregulated (i.e. has a positive (+) expression value) and whose expression value meets the user defined cutoff.
- Green** User input molecule that is downregulated (i.e. has a negative (-) expression value) and whose expression value meets the user defined cutoff.
- Gray** User input molecule. Neither up nor down-regulated or does not meet the user-defined cutoff.
- White** Molecule that is not user specified, but incorporated into the network through relationships with other molecules.
- [Blue]** For canonical pathways, molecules that are members of the network being examined are outlined in blue.