



Cluster 2

Neural crest development

Canonical wnt signaling

Model of Fgf and Wnt crosstalk in tailbud

Noncanonical Wnt Pathway

Adipogenesis

Wnt Signaling Pathway

Delta-Notch Signaling Pathway

Nodal Signaling Pathway

Wnt Signaling Pathway and Pluripotency

Striated Muscle Contraction

Cluster 3

Endochondral Ossification

ERK1 - ERK2 MAPK cascade

BMP signaling pathway

Striated Muscle Contraction

Model of Fgf and Wnt crosstalk in tailbud

FGF signaling pathway

Osteoclast

Monoamine GPCRs

G13 Signaling Pathway

Regulation of Actin Cytoskeleton

Cluster 4

Canonical wnt signaling

Noncanonical Wnt Pathway

Nodal Signaling Pathway

BMP signaling pathway

FGF signaling pathway

Model of Fgf and Wnt crosstalk in tailbud

ERK1 - ERK2 MAPK cascade

Eicosanoid Synthesis

ACE Inhibitor Pathway

Adipogenesis

Cluster 5

Striated Muscle Contraction

Integrin-mediated cell adhesion

Osteoclast

ErbB Signaling Pathway

Id Signaling Pathway

Calcium Regulation in the Cardiac Cell

G13 Signaling Pathway

Hypertrophy Model

Adipogenesis

Signaling of Hepatocyte Growth Factor Receptor

Cluster 6

Calcium Regulation in the Cardiac Cell

Endochondral Ossification

Hypertrophy Model

Glycolysis and Gluconeogenesis

Neural crest development

p38 MAPK Signaling Pathway

Monoamine GPCRs

IL-7 Signaling Pathway

Transformation Growth Factor (TGF) beta Receptor Signaling Pathway

Kit Receptor Signaling Pathway

Cluster 7

Heme Biosynthesis

Kit Receptor Signaling Pathway

Keap1-Nrf2

IL-3 Signaling Pathway

IL-5 Signaling Pathway

ACE Inhibitor Pathway

IL-4 signaling Pathway

T Cell Receptor Signaling Pathway

IL-2 Signaling Pathway

IL-6 Signaling Pathway

Cluster 8

CRD motif and sFRPs influence on Wnt signaling

G Protein Signaling Pathways

Nodal Signaling Pathway

Apoptosis Modulation by HSP70

Nuclear receptors in lipid metabolism and toxicity

FGF signaling pathway

EPO Receptor Signaling

Neural crest development

Hypothetical Network for Drug Addiction

Effect of L-carnitine on metabolism

Cluster 9

GPCRs, Class C Metabotropic glutamate, pheromone

T Cell Receptor Signaling Pathway

Eicosanoid Synthesis

Wnt Signaling Pathway and Pluripotency

Wnt Signaling Pathway

Apoptosis

Model of Fgf and Wnt crosstalk in tailbud

p38 MAPK Signaling Pathway

G13 Signaling Pathway

Peptide GPCRs

Cluster 10

GPCRs, Class C Metabotropic glutamate, pheromone

MAPK Signaling Pathway

Canonical wnt signaling

Model of Fgf and Wnt crosstalk in tailbud

ErbB Signaling Pathway

Regulation of Actin Cytoskeleton

Toll-like receptor signaling pathway

Nodal Signaling Pathway

ERK1 - ERK2 MAPK cascade

Apoptosis Modulation by HSP70

Cluster 11

Cytoplasmic Ribosomal Proteins

Cell cycle

G1 to S cell cycle control

Neural crest development

Exercise-induced Circadian Regulation

mRNA processing

Androgen Receptor Signaling Pathway

DNA Replication

BMP signaling pathway

Glycogen Metabolism

Cluster 12

Nuclear receptors in lipid metabolism and toxicity

Nodal Signaling Pathway

MAPK Signaling Pathway

Cluster 13

IL-3 Signaling Pathway

Wnt Signaling Pathway and Pluripotency

p > 0.05