Analysis: 293_A_ S2.vs.S1 - 2019-03-27 04:38 PM

Legend:
- positive z-score
- z-score = 0
- negative z-score
- no activity pattern available

-log(p-value)

Threshold

Pathway	-log(p-value)
Neuroinflammation Signaling Pathway	~5.9
Atherosclerosis Signaling	~5.0
Hepatic Fibrosis / Hepatic Stellate Cell Activation	~4.3
Catecholamine Biosynthesis	~3.7
Neuroprotective Role of THOP1 in Alzheimer's Disease	~3.6
Agranulocyte Adhesion and Diapedesis	~3.6
Th1 and Th2 Activation Pathway	~3.6
Intrinsic Prothrombin Activation Pathway	~3.4
Autoimmune Thyroid Disease Signaling	~3.2
LXR/RXR Activation	~3.2
Communication between Innate and Adaptive Immune Cells	~3.2
Eicosanoid Signaling	~3.1
Maturity Onset Diabetes of Young (MODY) Signaling	~2.9
Crosstalk between Dendritic Cells and Natural Killer Cells	~2.8
Th1 Pathway	~2.7
Role of Lipids/Lipid Rafts in the Pathogenesis of Influenza	~2.6
Granulocyte Adhesion and Diapedesis	~2.6
Role of Pattern Recognition Receptors in Recognition of Bacteria and Viruses	~2.6
FXR/RXR Activation	~2.5
Amyotrophic Lateral Sclerosis Signaling	~2.5
GP6 Signaling Pathway	~2.4
Coagulation System	~2.4
PXR/RXR Activation	~2.4
Glucocorticoid Biosynthesis	~2.4
Airway Inflammation in Asthma	~2.4
SPINK1 Pancreatic Cancer Pathway	~2.3
Phagosome Formation	~2.3
T Helper Cell Differentiation	~2.3
Hematopoiesis from Pluripotent Stem Cells	~2.3
TREM1 Signaling	~2.1
Glutamate Receptor Signaling	~2.1
Th2 Pathway	~2.1
Altered T Cell and B Cell Signaling in Rheumatoid Arthritis	~2.1
Bile Acid Biosynthesis, Neutral Pathway	~2.0
iCOS-iCOSL Signaling in T Helper Cells	~2.0
Differential Regulation of Cytokine Production in Intestinal Epithelial Cells by IL-17A and IL-17F	~2.0
Differential Regulation of Cytokine Production in Macrophages and T Helper Cells by IL-17A and IL-17F	~2.0
Melatonin Degradation I	~1.9
Protein Citrullination	~1.9
Calcium Signaling	~1.9
Role of Cytokines in Mediating Communication between Immune Cells	~1.8
Androgen Biosynthesis	~1.8
Serotonin Degradation	~1.8
Role of Hypercytokinemia/hyperchemokinemia in the Pathogenesis of Influenza	~1.7
Thyroid Hormone Metabolism II (via Conjugation and/or Degradation)	~1.7
Mineralocorticoid Biosynthesis	~1.6
Superpathway of Melatonin Degradation	~1.6
Extrinsic Prothrombin Activation Pathway	~1.5
Retinoate Biosynthesis I	~1.5
MSP-RON Signaling Pathway	~1.4
Methionine Salvage II (Mammalian)	~1.5
Graft-versus-Host Disease Signaling	~1.4
Hematopoiesis from Multipotent Stem Cells	~1.4
B Cell Development	~1.4
Nicotine Degradation III	~1.4
Role of Wnt/GSK-3β Signaling in the Pathogenesis of Influenza	~1.4
Natural Killer Cell Signaling	~1.3
Airway Pathology in Chronic Obstructive Pulmonary Disease	~1.3