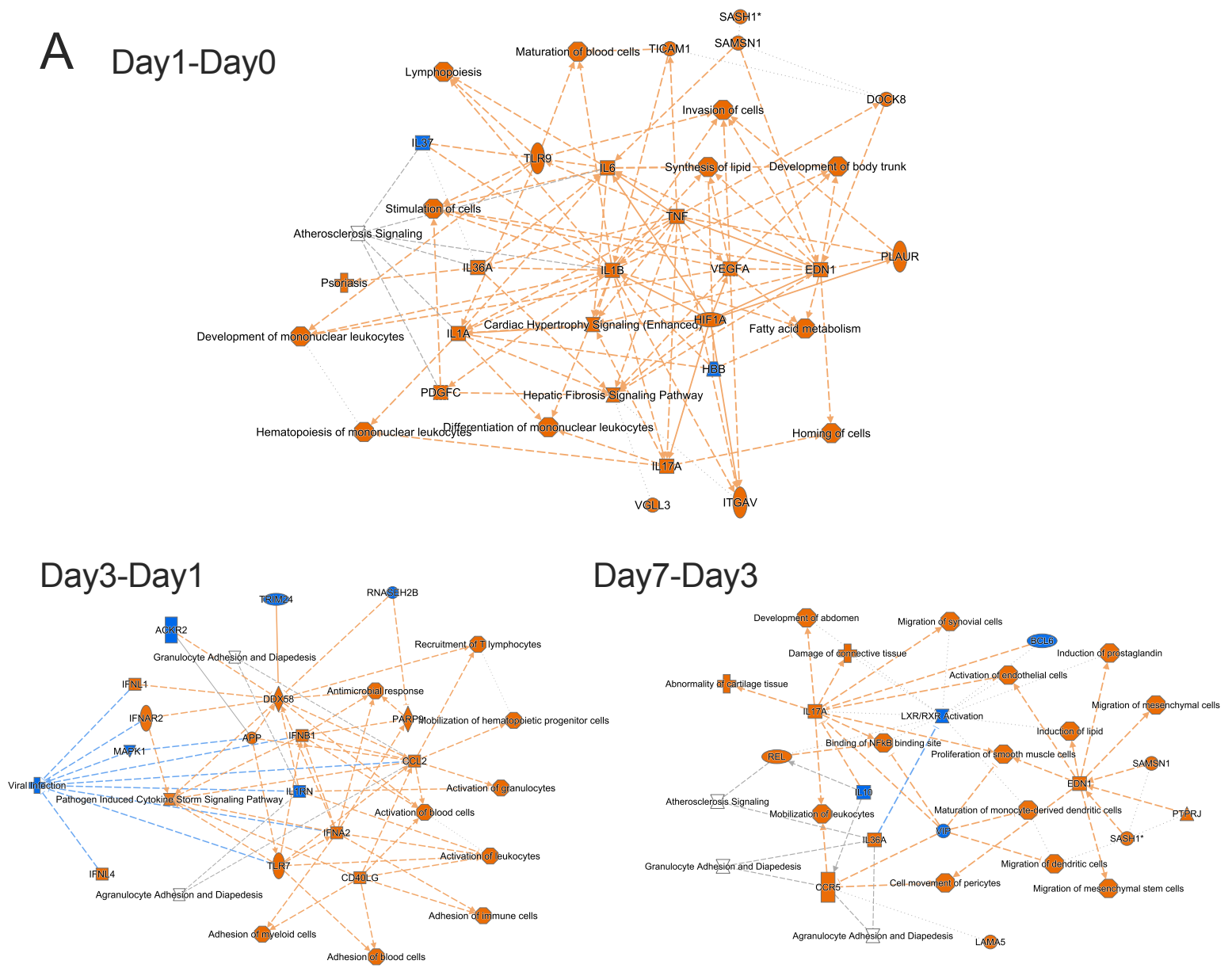
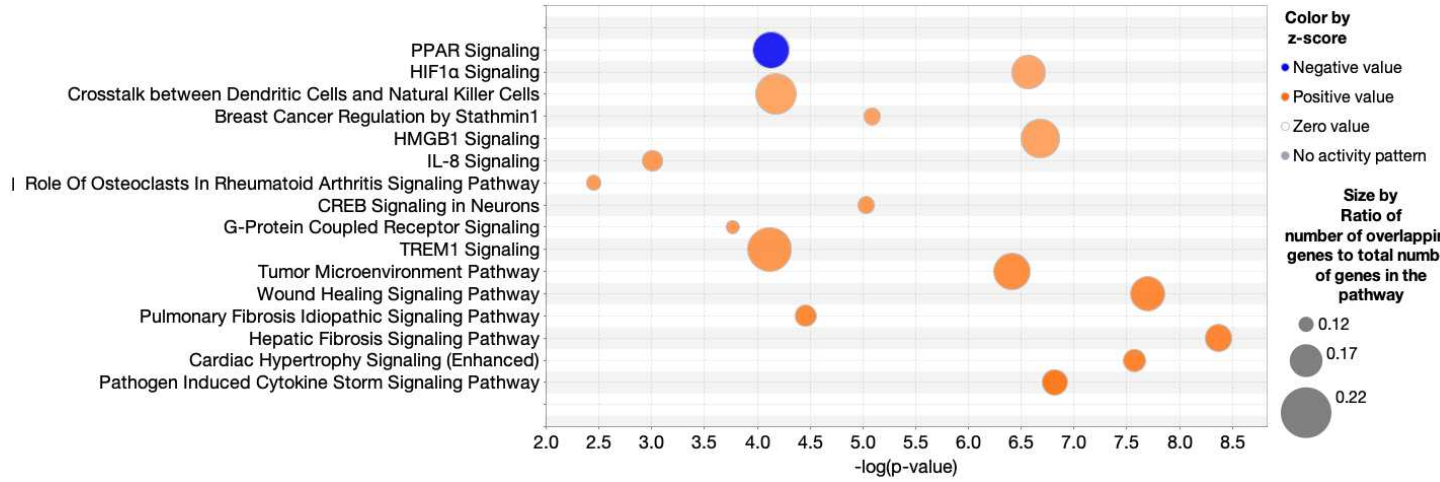
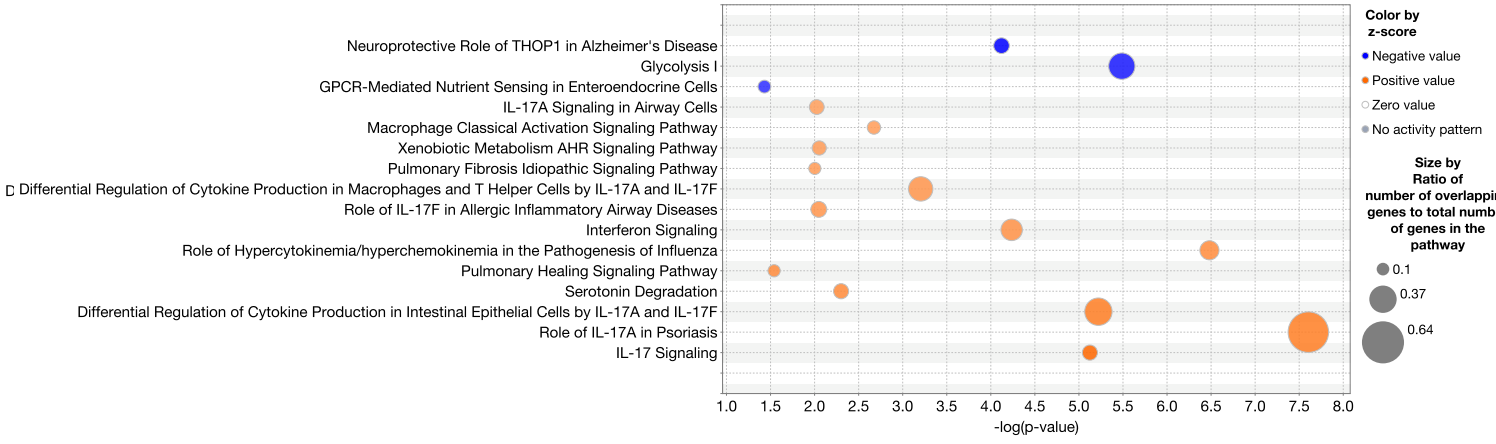

A
Day1-Day0
SASH1*
SAMSN1
TICAM1
Maturation of blood cells
Lymphopoiesis
DOCK8
Invasion of cells
IL37
TLR9
IL6
Synthesis of lipid
Development of body trunk
Stimulation of cells
TNF
Atherosclerosis Signaling
PLAUR
IL36A
IL1B
VEGFA
EDN1
Psoriasis
HIF1A
Cardiac Hypertrophy Signaling (Enhanced)
Fatty acid metabolism
Development of mononuclear leukocytes
IL1A
HBB
PDGFC
Hepatic Fibrosis Signaling Pathway
Hematopoiesis of mononuclear leukocytes
Differentiation of mononuclear leukocytes
Homing of cells
IL17A
VCL3
ITGAV
Day3-Day1
TRIM24
RNASEH2B
ACKR2
Granulocyte Adhesion and Diapedesis
Recruitment of T lymphocytes
IFNL1
DDX58
Antimicrobial response
IFNAR2
PARP9
Mobilization of hematopoietic progenitor cells
APP
IFNB1
MAPK1
CCL2
Viral Infection
IL1RN
Activation of granulocytes
Pathogen Induced Cytokine Storm Signaling Pathway
Activation of blood cells
IFNA2
Activation of leukocytes
IFNL4
TLR7
CD40LG
Agranulocyte Adhesion and Diapedesis
Adhesion of immune cells
Adhesion of myeloid cells
Adhesion of blood cells
Day7-Day3
Development of abdomen
Migration of synovial cells
BCL6
Damage of connective tissue
Induction of prostaglandin
Activation of endothelial cells
Abnormality of cartilage tissue
Migration of mesenchymal cells
IL17A
LXR/RXR Activation
Induction of lipid
Binding of NFkB binding site
Proliferation of smooth muscle cells
REL
SAMSN1
EDN1
Atherosclerosis Signaling
IL10
Mobilization of leukocytes
Maturation of monocyte-derived dendritic cells
PTPRJ
VIT
IL36A
SASH1*
Granulocyte Adhesion and Diapedesis
Migration of dendritic cells
CCR5
Cell movement of pericytes
Migration of mesenchymal stem cells
Agranulocyte Adhesion and Diapedesis
LAMA5

B

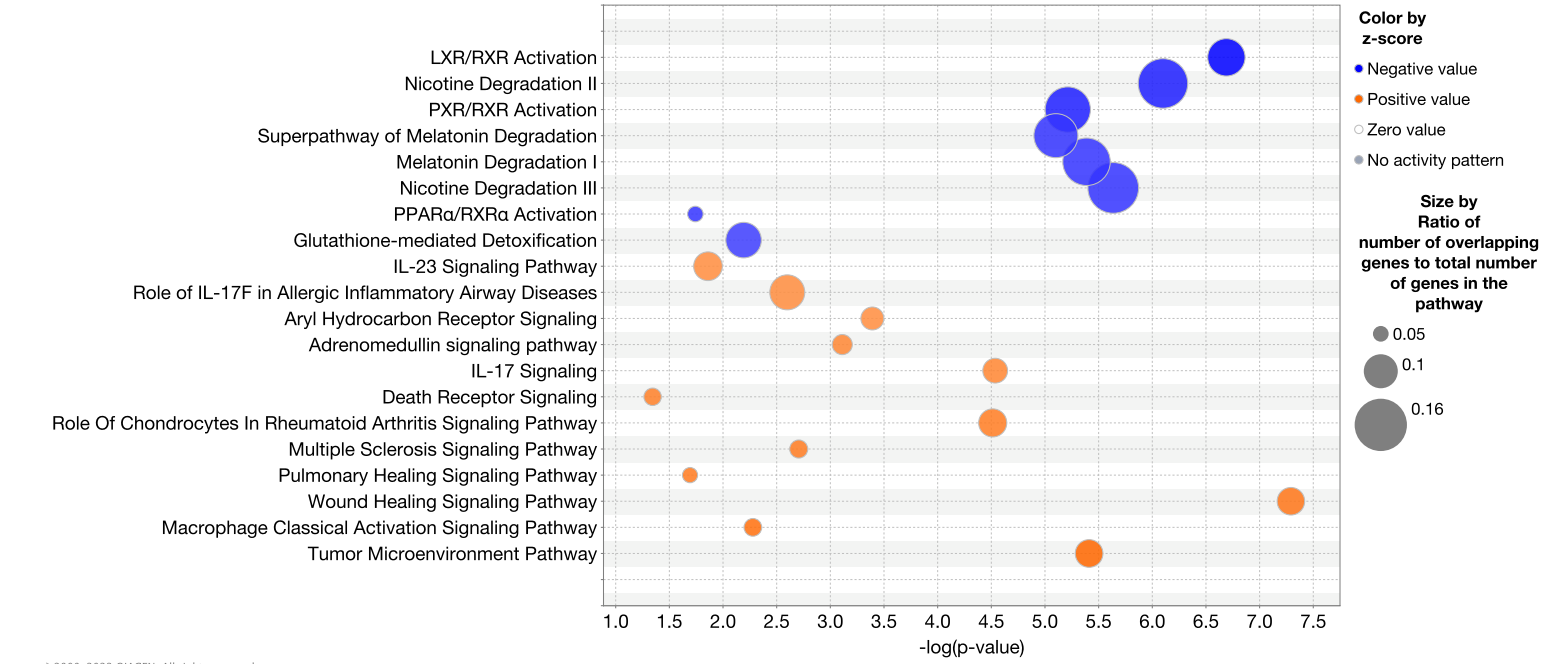
Day1-Day0

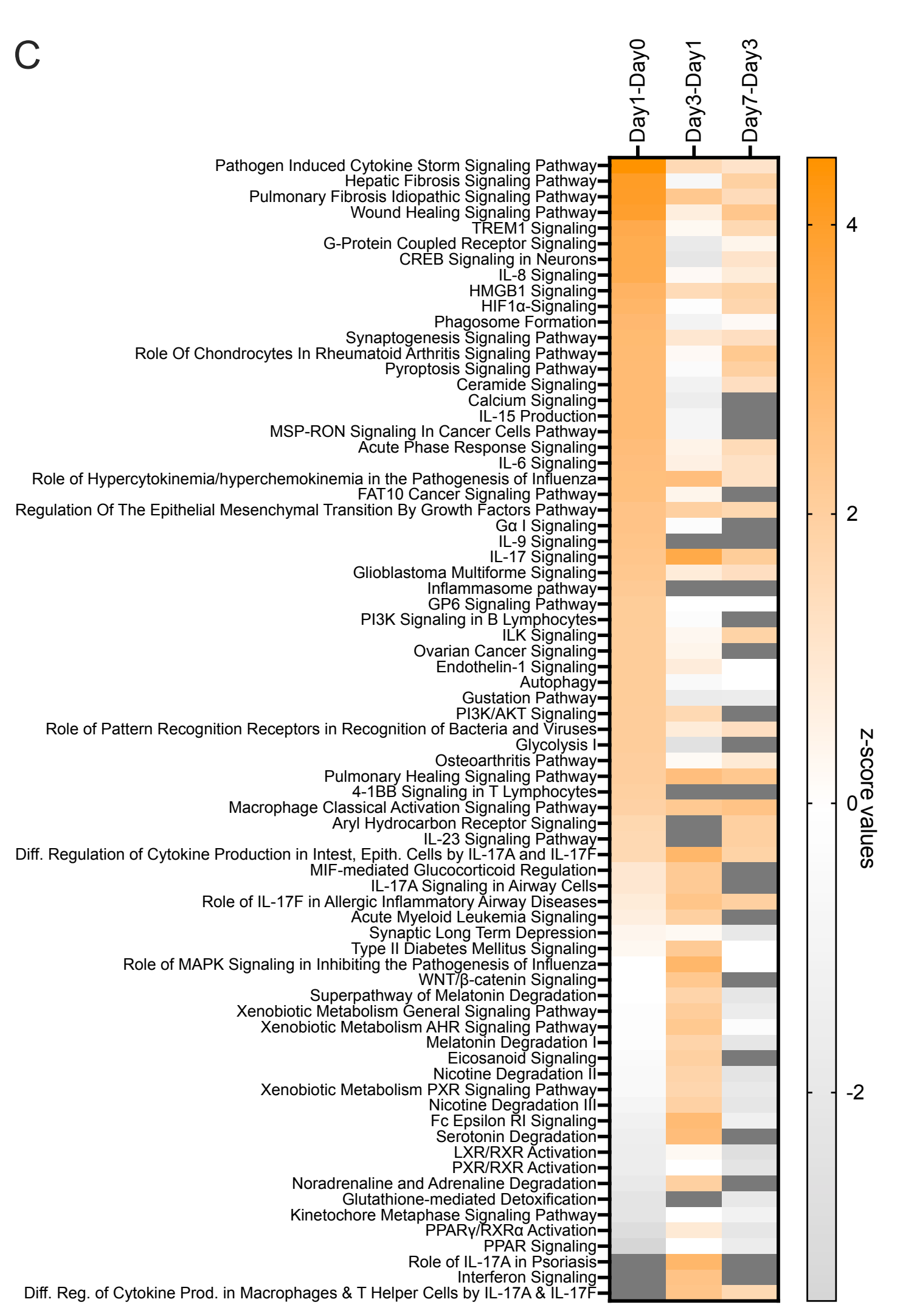


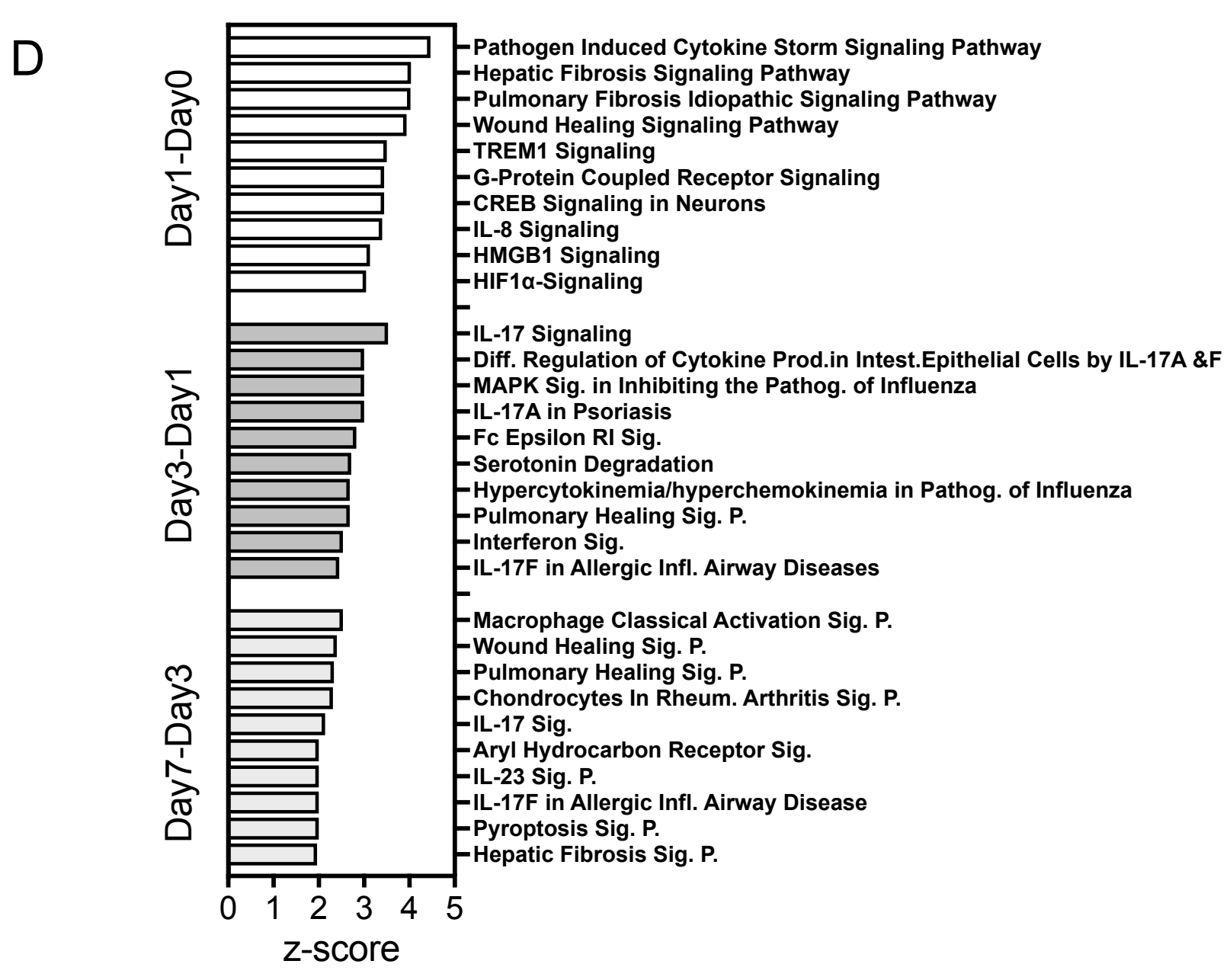
Day3-Day1



Day7-Day3




C
Day1-Day0
Day3-Day1
Day7-Day3
Pathogen Induced Cytokine Storm Signaling Pathway
Hepatic Fibrosis Signaling Pathway
Pulmonary Fibrosis Idiopathic Signaling Pathway
Wound Healing Signaling Pathway
TREM1 Signaling
G-Protein Coupled Receptor Signaling
CREB Signaling in Neurons
IL-8 Signaling
HMGB1 Signaling
HIF1α-Signaling
Phagosome Formation
Synaptogenesis Signaling Pathway
Role Of Chondrocytes In Rheumatoid Arthritis Signaling Pathway
Pyroptosis Signaling Pathway
Ceramide Signaling
Calcium Signaling
IL-15 Production
MSP-RON Signaling In Cancer Cells Pathway
Acute Phase Response Signaling
IL-6 Signaling
Role of Hypercytokinemia/hyperchemokinemia in the Pathogenesis of Influenza
FAT10 Cancer Signaling Pathway
Regulation Of The Epithelial Mesenchymal Transition By Growth Factors Pathway
Gα I Signaling
IL-9 Signaling
IL-17 Signaling
Glioblastoma Multiforme Signaling
Inflammasome pathway
GP6 Signaling Pathway
PI3K Signaling in B Lymphocytes
ILK Signaling
Ovarian Cancer Signaling
Endothelin-1 Signaling
Autophagy
Gustation Pathway
PI3K/AKT Signaling
Role of Pattern Recognition Receptors in Recognition of Bacteria and Viruses
Glycolysis I
Osteoarthritis Pathway
Pulmonary Healing Signaling Pathway
4-1BB Signaling in T Lymphocytes
Macrophage Classical Activation Signaling Pathway
Aryl Hydrocarbon Receptor Signaling
IL-23 Signaling Pathway
Diff. Regulation of Cytokine Production in Intest, Epith. Cells by IL-17A and IL-17F
MIF-mediated Glucocorticoid Regulation
IL-17A Signaling in Airway Cells
Role of IL-17F in Allergic Inflammatory Airway Diseases
Acute Myeloid Leukemia Signaling
Synaptic Long Term Depression
Type II Diabetes Mellitus Signaling
Role of MAPK Signaling in Inhibiting the Pathogenesis of Influenza
WNT/β-catenin Signaling
Superpathway of Melatonin Degradation
Xenobiotic Metabolism General Signaling Pathway
Xenobiotic Metabolism AHR Signaling Pathway
Melatonin Degradation I
Eicosanoid Signaling
Nicotine Degradation II
Xenobiotic Metabolism PXR Signaling Pathway
Nicotine Degradation III
Fc Epsilon RI Signaling
Serotonin Degradation
LXR/RXR Activation
PXR/RXR Activation
Noradrenaline and Adrenaline Degradation
Glutathione-mediated Detoxification
Kinetochore Metaphase Signaling Pathway
PPARγ/RXRα Activation
PPAR Signaling
Role of IL-17A in Psoriasis
Interferon Signaling
Diff. Reg. of Cytokine Prod. in Macrophages & T Helper Cells by IL-17A & IL-17F
4
2
0
-2
z-score values


D
Day1-Day0
Day3-Day1
Day7-Day3
Pathogen Induced Cytokine Storm Signaling Pathway
Hepatic Fibrosis Signaling Pathway
Pulmonary Fibrosis Idiopathic Signaling Pathway
Wound Healing Signaling Pathway
TREM1 Signaling
G-Protein Coupled Receptor Signaling
CREB Signaling in Neurons
IL-8 Signaling
HMGB1 Signaling
HIF1α-Signaling
IL-17 Signaling
Diff. Regulation of Cytokine Prod.in Intest.Epithelial Cells by IL-17A &F
MAPK Sig. in Inhibiting the Pathog. of Influenza
IL-17A in Psoriasis
Fc Epsilon RI Sig.
Serotonin Degradation
Hypercytokinemia/hyperchemokinemia in Pathog. of Influenza
Pulmonary Healing Sig. P.
Interferon Sig.
IL-17F in Allergic Infl. Airway Diseases
Macrophage Classical Activation Sig. P.
Wound Healing Sig. P.
Pulmonary Healing Sig. P.
Chondrocytes In Rheum. Arthritis Sig. P.
IL-17 Sig.
Aryl Hydrocarbon Receptor Sig.
IL-23 Sig. P.
IL-17F in Allergic Infl. Airway Disease
Pyroptosis Sig. P.
Hepatic Fibrosis Sig. P.
0 1 2 3 4 5
z-score