t6_factors		_		_
-log(p-value)	0.05			L
T _{6.5mo}				
Canonical Pathwa				
Fisher's Exact Tes p < 0.05	Sal Pat			
p = 0.00	Sanoni	6 f1	t6_f3	6_12
	Pancreatic Adenocarcinoma Signaling p38 MAPK Signaling	Ĭ	Ĭ	•
	Role of Hypercytokinemia/hyperchemokinemia in the Pathogenesis of Influenza IL-10 Signaling			
	Neuroinflammation Signaling Pathway Communication between Innate and Adaptive Immune Cells	•	÷	
	PPAR Signaling Altered T Cell and B Cell Signaling in Rheumatoid Arthritis LXR/RXR Activation	ì	÷	
	Cell Cycle: G1/S Checkpoint Regulation	ì	è	
	Estrogen-mediated S-phase Entry Thyroid Cancer Signaling		•	
	Molecular Mechanisms of Cancer PPARa/RXRa Activation	ì		
	Small Cell Lung Cancer Signaling Chronic Myeloid Leukemia Signaling GADD45 Signaling	i	i	
	GADDMS Signaling Cyclins and Cell Cycle Regulation Retinoic acid Mediated Apoptosis Signaling	ļ	ì	
	Role of Cytokines in Mediating Communication between Immune Cells Tumoricidal Function of Hepatic Natural Killer Cells			
	Colorectal Cancer Metastasis Signaling Role of Osteoblasts, Osteoclasts and Chondrocytes in Rheumatoid Arthritis	ì		
	Graft-versus-Host Disease Signaling FAT10 Cancer Signaling Pathway Acute Phase Response Signaling	1	i	
	Systemic Lupus Erythematosus In B Cell Signaling Pathway Apoptosis Signaling	:		
	T Helper Cell Differentiation iNOS Signaling	÷	÷	
	Role of Pattern Recognition Receptors in Recognition of Bacteria and Viruses Phenylalanine Degradation IV (Mammalian, via Side Chain)	ì	ì	
	D-myo-inositol (3,4,5,6)-tetrakisphosphate Biosynthesis D-myo-inositol (1,4,5,6)-Tetrakisphosphate Biosynthesis	è	ì	
	IL-6 Signaling Aryl Hydrocarbon Receptor Signaling NF-κB Signaling			
[Cardiac Hypertrophy Signaling (Enhanced) Agranulocyte Adhesion and Diapedesis			١
	Hepatic Fibrosis / Hepatic Stellate Cell Activation Glucocorticoid Receptor Signaling	÷		
[1	LPS/IL-1 Mediated Inhibition of RXR Function Granulocyte Adhesion and Diapedesis Hepatic Cholestasis	1		
	Hepatic Cholestasis Role of Macrophages, Fibroblasts and Endothelial Cells in Rheumatoid Arthritis Antiproliferative Role of TOB in T Cell Signaling			١
	Adrenomedullin signaling pathway BMP signaling pathway			•
1	Myc Mediated Apoptosis Signaling Adipogenesis pathway	÷		•
	Induction of Apoptosis by HIV1 Osteoarthritis Pathway Attinities of ITE by Apoptosis Pathway Pagagaities Pagagaities	Ė		
	Activation of IRF by Cytosolic Pattern Recognition Receptors Mitochondrial Dysfunction RAR Activation	Ġ		ì
	Cardiomyocyte Differentiation via BMP Receptors Oxidative Phosphorylation	:		
	Interferon Signaling Role of Lipids/Lipid Rafts in the Pathogenesis of Influenza	:		•
	HIPPO signaling Circadian Rhythm Signaling Docosahexaenoic Acid (DHA) Signaling	ì		ì
	NGF Signaling T Cell Exhaustion Signaling Pathway			
	ILK Signaling Huntington's Disease Signaling			ì
L \ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Pyridoxal 5'-phosphate Salvage Pathway Nur77 Signaling in T Lymphocytes	÷		ì
	Cholecystokinin/Gastrin-mediated Signaling Mitotic Roles of Polo-Like Kinase Role of MAPK Signaling in the Pathogenesis of Influenza	i		
1	Amyotrophic Lateral Sclerosis Signaling FXR/RXR Activation			
	Hypoxia Signaling in the Cardiovascular System Cell Cycle: G2/M DNA Damage Checkpoint Regulation	:		:
f	Rac Signaling Synaptogenesis Signaling Pathway		•	÷
4	Glioma Signaling PTEN Signaling TGF-β Signaling		÷	i
	PAK Signaling Role of IL-17F in Allergic Inflammatory Airway Diseases			ì
L 1	VEGF Signaling Ovarian Cancer Signaling		٠	
	Glioblastoma Multiforme Signalling STAT3 Pathway Role of CHK Proteins in Cell Cycle Checkpoint Control			÷
	Role of Tissue Factor in Cancer Role of Tissue Factor in Cancer		ì	·
4	Prostate Cancer Signaling Acute Myeloid Leukemia Signaling			
1	Melanocyte Development and Pigmentation Signaling Clathrin-mediated Endocytosis Signaling		:	÷
[ˌ/	Endocannabinoid Cancer Inhibition Pathway Actin Cytoskeleton Signaling IT 2 Signaling in Magnatogaidt Pagagaiter Calls		i	÷
	FLT3 Signaling in Hematopoletic Progenitor Cells PI3K/AKT Signaling Bladder Cancer Signaling			
4 {	IGF-1 Signaling IL-8 Signaling			
1	p53 Signaling Ephrin Receptor Signaling			
	UVA-Induced MAPK Signaling Regulation of Cellular Mechanics by Calpain Protease Cancer Drug Resistance By Drug Efflux			
}	Cancer Drug Resistance by Drug Efflux Regulation of IL-2 Expression in Activated and Anergic T Lymphocytes HER-2 Signaling in Breast Cancer			
Ц!	CDK5 Signaling a-Adrenergic Signaling			:
	Breast Cancer Regulation by Stathmin1 Melanoma Signalling AW/Stat Signalling			
'	JAK/Stat Signaling Agrin Interactions at Neuromuscular Junction ErbB2-ErbB3 Signaling			
44	Endometrial Cancer Signaling Role of JAK1 and JAK3 in ye Cytokine Signaling		:	
	EIF2 Signaling Estrogen-Dependent Breast Cancer Signaling		:	÷
41	Non-Small Cell Lung Cancer Signaling Integrin Signaling		:	•
Ц	Regulation of eIF4 and p70S6K Signaling Hematopoiesis from Pluripotent Stem Cells T Cell Receptor Signaling			
4 1.	Real Cell Carcinoma Signaling Apelin Endothelial Signaling Pathway			:
4	Neuregulin Signaling IL-2 Signaling		:	•
ľ	ERK/MAPK Signaling Insulin Receptor Signaling Corticotropin Releasing Hormone Signaling			ì
	COTECUTOR Releasing normalies signaling CTFT Signalling Ceramide Signaling			:
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t6_factors ■p > 0.05 Diseases & Bio Functions Fisher's Exact Test and p < 0.001Diseases t6_12 t6_13 t6_11 Growth of connective tis Proliferation of connective tissue cells Apoptosis of hepatoma cell lines Arrest in cell cycle progression Celiac disease Cell viability of breast cancer cell lines 1 Cell proliferation of carcinoma cell lines Benign solid tumor Benign Tumors Proliferation of lung cancer cell lines Benign lesion Growth of neurites Production of superoxide Outgrowth of neurites Development of hematopoietic system Neurocutaneous syndrome Production of reactive oxygen species Neurofibromatosis Growth of axons Proliferation of neuronal cells Abnormality of oral mucosa Primary tumor
Proliferation of leukemia cell lines Metabolism of polysaccharide Ganglioglioma Interphase Interphase of tumor cell lines Interphase of breast cancer cell lines Arrest in interphase of breast cancer cell lines Differentiation of antigen presenting cells Cell cycle progression Arrest in interphase Arrest in interphase of tumor cell lines Transcription of RNA G1 phase of tumor cell lines Cell cycle progression of tumor cell lines G1 phase Differentiation of tumor cell lines Survival of organism Cell proliferation of tumor cell lines Interphase of bone cancer cell lines Arrest in G1 phase of tumor cell lines Apoptosis of embryonic cell lines Permeability transition Colony formation of hematopoietic progenitor cells Disruption of focal adhesions Elongation of endothelial cells Tuberculosis Colony formation of erythroid precursor cells Pilocytic astrocytoma Differentiation of myeloid leukocytes Apoptosis of bone cancer cell line Cell movement of leukemia cell lines Apoptosis of heart cell lines Catabolism of protein Chemotherapy resistance of tumor cell lines Adipogenesis of cells Cell death of sarcoma cell lines
Delay in M phase of cervical cancer cell lines Apoptosis of sarcoma cell lines Mitogenesis Cell death of bone cancer cell lines Juvenile polyposis syndrome Permeability of mitochondrial membrane Apoptosis of tumor cells Chemotaxis of breast cancer cell lines Apoptosis of carcinoma cell lines Inflammation of airway Cell death of cancer cells Cell death of carcinoma cell lines Hereditary gastrointestinal cancer syndrome S phase Cell proliferation of sarcoma cell lines Maturation of blood cells Familial colorectal cancer Cell death of hepatoma cell lines Maturation of cells Entry into S phase Entry into interphase Basal cell carcinoma Shape change of basophils Homeostasis of divalent cations Homeostasis of Ca2+ Apoptosis of glioma cells Shape change of blood cells Shape change of leukocytes Non-ST elevation myocardial infarction Chromosomal aberration Cell transformation Aggregation of blood platelets Tropical spastic paraparesis Cell death of lymphatic system cells Migraines Cell death of glioma cells Permeability of cellular membrane Cell death of lymphocytes Advanced malignant tumo Septic shock Apoptosis of adenocarc Cell death of neuroblastoma cells Familial lung cancer S phase of bone cancer cell lines Degradation of RNA Ovarian serous tumor Chronic non-cancer pain Formation of cellular protrusions Necrosis of epithelial tissue Mitral valvular disease Frizzled-2 signaling pathway Delay in cell death Apoptosis of skin cancer cell lines Proliferation of neuroblastoma cell line Cell death of mononuclear leukocytes Necrosis of tumor Biliary tract adenocarcinoma Overweight disorder Apoptosis of exocrine cells Apoptosis of epithelial cells Cytostasis of tumor cell lines Cell death of phagocytes Inflammation of respiratory system component Bile duct adenocarcinoma Apoptosis of phagocytes Maturation of dendritic cells Apoptosis of schwannoma cell lines Re-replication of DNA Th2 immune response Binding of lipopolysaccharide Catabolism of mRNA

