
Time
Treatment
DEFENSE RESPONSE TO VIRUS
RESPONSE TO VIRUS
CELLULAR RESPONSE TO MOLECULE OF BACTERIAL ORIGIN
CELLULAR RESPONSE TO BIOTIC STIMULUS
HUMORAL IMMUNE RESPONSE
REGULATION OF RESPONSE TO BIOTIC STIMULUS
POSITIVE REGULATION OF RESPONSE TO EXTERNAL STIMULUS
RESPONSE TO MOLECULE OF BACTERIAL ORIGIN
ANTIMICROBIAL HUMORAL RESPONSE
REGULATION OF INNATE IMMUNE RESPONSE
REGULATION OF SYMBIOTIC PROCESS
POSITIVE REGULATION OF RESPONSE TO BIOTIC STIMULUS
RESPONSE TO TYPE I INTERFERON
POSITIVE REGULATION OF DEFENSE RESPONSE
RESPONSE TO INTERFERON GAMMA
REGULATION OF VIRAL LIFE CYCLE
ANTIMICROBIAL HUMORAL IMMUNE RESPONSE MEDIATED BY ANTIMICROBIAL PEPTIDE
ADAPTIVE IMMUNE RESPONSE
INTERFERON GAMMA MEDIATED SIGNALING PATHWAY
RESPONSE TO CHEMOKINE
VIRAL LIFE CYCLE
NEGATIVE REGULATION OF VIRAL LIFE CYCLE
DEFENSE RESPONSE TO BACTERIUM
POSITIVE REGULATION OF CYTOKINE PRODUCTION
REGULATION OF IMMUNE EFFECTOR PROCESS
REGULATION OF PEPTIDASE ACTIVITY
NEGATIVE REGULATION OF VIRAL PROCESS
REGULATION OF VIRAL GENOME REPLICATION
RESPONSE TO INTERFERON BETA
NEGATIVE REGULATION OF VIRAL GENOME REPLICATION
VIRAL GENOME REPLICATION
TYPE I INTERFERON PRODUCTION
REGULATION OF DEFENSE RESPONSE TO VIRUS
PATTERN RECOGNITION RECEPTOR SIGNALING PATHWAY
REGULATION OF INFLAMMATORY RESPONSE
POSITIVE REGULATION OF NF KAPPAB TRANSCRIPTION FACTOR ACTIVITY
NEGATIVE REGULATION OF RESPONSE TO BIOTIC STIMULUS
POSITIVE REGULATION OF INNATE IMMUNE RESPONSE
NEGATIVE REGULATION OF CYTOKINE PRODUCTION
NEUTROPHIL CHEMOTAXIS
GRANULOCYTE CHEMOTAXIS
NEUTROPHIL MIGRATION
GRANULOCYTE MIGRATION
INTERFERON GAMMA PRODUCTION
RESPONSE TO INTERFERON ALPHA
I KAPPAB KINASE NF KAPPAB SIGNALING
CELL CHEMOTAXIS
POSITIVE REGULATION OF DNA BINDING TRANSCRIPTION FACTOR ACTIVITY
INTERLEUKIN 1 PRODUCTION
INTERLEUKIN 1 BETA PRODUCTION
POSITIVE REGULATION OF TYROSINE PHOSPHORYLATION OF STAT PROTEIN
MODULATION BY SYMBIONT OF ENTRY INTO HOST
REGULATION OF VIRAL ENTRY INTO HOST CELL
POSITIVE REGULATION OF I KAPPAB KINASE NF KAPPAB SIGNALING
RESPONSE TO INTERLEUKIN 1
REGULATION OF RESPONSE TO CYTOKINE STIMULUS
CELL KILLING
LEUKOCYTE CHEMOTAXIS
CELLULAR RESPONSE TO VIRUS
MYELOID LEUKOCYTE MIGRATION
REGULATION OF CYSTEINE TYPE ENDOPEPTIDASE ACTIVITY
ENTRY INTO HOST
RESPONSE TO TUMOR NECROSIS FACTOR
REGULATION OF PEPTIDYL TYROSINE PHOSPHORYLATION
ACTIVATION OF IMMUNE RESPONSE
LEUKOCYTE MIGRATION
NEGATIVE REGULATION OF IMMUNE SYSTEM PROCESS
POSITIVE REGULATION OF CELL ADHESION
REGULATION OF HUMORAL IMMUNE RESPONSE
POSITIVE REGULATION OF INTERLEUKIN 1 PRODUCTION
POSITIVE REGULATION OF RESPONSE TO CYTOKINE STIMULUS
RECEPTOR SIGNALING PATHWAY VIA STAT
ADAPTIVE IMMUNE RESPONSE BASED ON SOMATIC RECOMBINATION OF IMMUNE RECEPTORS BUILT FROM IMMUNOGLOBULIN SUPERFAMILY DOMAINS
REGULATION OF EXTRINSIC APOPTOTIC SIGNALING PATHWAY VIA DEATH DOMAIN RECEPTORS
POSITIVE REGULATION OF INFLAMMATORY RESPONSE
LYMPHOCYTE MEDIATED IMMUNITY
CELLULAR RESPONSE TO INTERFERON BETA
TOLL LIKE RECEPTOR SIGNALING PATHWAY
ACUTE INFLAMMATORY RESPONSE
PROTEIN ACTIVATION CASCADE
REGULATION OF EXTRINSIC APOPTOTIC SIGNALING PATHWAY
TUMOR NECROSIS FACTOR MEDIATED SIGNALING PATHWAY
DEFENSE RESPONSE TO GRAM POSITIVE BACTERIUM
POSITIVE REGULATION OF ERK1 AND ERK2 CASCADE
POSITIVE REGULATION OF LEUKOCYTE MIGRATION
REGULATION OF ADAPTIVE IMMUNE RESPONSE
MOVEMENT IN HOST ENVIRONMENT
EXTRINSIC APOPTOTIC SIGNALING PATHWAY
TUMOR NECROSIS FACTOR SUPERFAMILY CYTOKINE PRODUCTION
NEGATIVE REGULATION OF PEPTIDASE ACTIVITY
ERK1 AND ERK2 CASCADE
INTERACTION WITH HOST
NEGATIVE REGULATION OF RESPONSE TO EXTERNAL STIMULUS
POSITIVE REGULATION OF CHEMOTAXIS
REGULATION OF DNA BINDING TRANSCRIPTION FACTOR ACTIVITY
REGULATION OF APOPTOTIC SIGNALING PATHWAY
HUMORAL IMMUNE RESPONSE MEDIATED BY CIRCULATING IMMUNOGLOBULIN
COMPLEMENT ACTIVATION
MONOCYTE CHEMOTAXIS
REGULATION OF CELL KILLING
POSITIVE REGULATION OF RECEPTOR SIGNALING PATHWAY VIA STAT
NEGATIVE REGULATION OF IMMUNE RESPONSE
POSITIVE REGULATION OF TYPE I INTERFERON PRODUCTION
RIBOSOME BIOGENESIS
REGULATION OF RECEPTOR SIGNALING PATHWAY VIA STAT
REGULATION OF ALPHA BETA T CELL ACTIVATION
POSITIVE REGULATION OF LEUKOCYTE CHEMOTAXIS
NEGATIVE REGULATION OF EXTRINSIC APOPTOTIC SIGNALING PATHWAY
ANTIBACTERIAL HUMORAL RESPONSE
NEGATIVE REGULATION OF DEFENSE RESPONSE
MONONUCLEAR CELL MIGRATION
ZYMOGEN ACTIVATION
POSITIVE REGULATION OF PEPTIDASE ACTIVITY
ALPHA BETA T CELL ACTIVATION
ACTIVATION OF INNATE IMMUNE RESPONSE
NEGATIVE REGULATION OF WOUND HEALING
POSITIVE REGULATION OF CYSTEINE TYPE ENDOPEPTIDASE ACTIVITY
POSITIVE REGULATION OF T CELL PROLIFERATION
RESPONSE TO PROTOZOAN
NEGATIVE REGULATION OF EXTRINSIC APOPTOTIC SIGNALING PATHWAY VIA DEATH DOMAIN RECEPTORS
REGULATION OF VASOCONSTRICTION
NEGATIVE REGULATION OF RESPONSE TO WOUNDING
NEGATIVE REGULATION OF COAGULATION
NEGATIVE REGULATION OF BLOOD VESSEL DIAMETER
POSITIVE REGULATION OF LYMPHOCYTE APOPTOTIC PROCESS
DEFENSE RESPONSE TO GRAM NEGATIVE BACTERIUM
FIBRINOLYSIS
REGULATION OF WOUND HEALING
POSITIVE REGULATION OF ADAPTIVE IMMUNE RESPONSE
REGULATION OF COAGULATION
PLATELET DEGRANULATION
REGULATION OF LEUKOCYTE PROLIFERATION
REGULATION OF RESPONSE TO WOUNDING
REGULATION OF LEUKOCYTE MEDIATED IMMUNITY
LEUKOCYTE PROLIFERATION
POSITIVE REGULATION OF CELL CELL ADHESION
T CELL ACTIVATION
REGULATION OF T CELL ACTIVATION
LEUKOCYTE CELL CELL ADHESION
REGULATION OF CELL CELL ADHESION
OXIDATIVE PHOSPHORYLATION
FATTY ACID METABOLIC PROCESS
ALCOHOL METABOLIC PROCESS
CELLULAR LIPID CATABOLIC PROCESS
FATTY ACID DERIVATIVE METABOLIC PROCESS
PROTON TRANSMEMBRANE TRANSPORT
STEROID BIOSYNTHETIC PROCESS
IL22_3h
IL22_6h
IL22_12h
IL22_24h
IFNL_3h
IFNL_6h
IFNL_12h
IFNL_24h
IL22_IFNL_3h
IL22_IFNL_6h
IL22_IFNL_12h
IL22_IFNL_24h
Time
3h
6h
12h
24h
Treatment
IL22
IFNL
IL22_IFNL
2
1
0
−1
−2