



Build version: exported
Content version: 65367011

Experiment Metadata

Name	Value
originalColumnNames	HMDB,Cas,pubchem.id

Analysis Settings

Reference set: Ingenuity Knowledge Base (Genes + Endogenous Chemicals)

Relationship to include: Direct and Indirect

Includes Endogenous Chemicals

Optional Analyses: My Pathways My List

Filter Summary:

Consider only molecules and/or relationships where

(species = Uncategorized OR Human OR Rat OR Mouse) AND

(confidence = Experimentally Observed) AND

(tissues/cell lines = Teratocarcinoma Cell Lines not otherwise specified OR Other Osteosarcoma Cell Lines OR Bladder OR Thymus OR Kidney OR A498 OR Trachea OR ACHN OR Dorsal Root Ganglion OR SNB-75 OR Heart OR Macrophages not otherwise specified OR Pro-B lymphocytes OR Smooth Muscle OR U266 OR Microglia OR Activated Vd2 Gamma-delta T cells OR Mammary Gland OR HEL OR Calvaria OR

Cerebellum OR Hippocampus OR IGROV1 OR NCI-ADR-RES OR Epithelial cells not otherwise specified OR Mast cells OR Caco2 cells OR Other Cervical cancer cell line OR Other Kidney cell lines OR Gray Matter OR Dermis OR Pancreatic Cancer Cell Lines not otherwise specified OR Adrenal Gland OR Parietal Lobe OR HCC-2998 OR Naive B cells OR Other Macrophages OR LNCaP cells OR MEF cells OR Other Fibroblast cell lines OR Thyroid Gland OR Ovarian Cancer Cell Lines not otherwise specified OR 293 cells OR Brain OR Memory B cells OR Th17 cells OR PBMCs OR Putamen OR Cell Line not otherwise specified OR MDA-MB-231 OR Adipocytes OR HMC-1 OR Prostate Cancer Cell Lines not otherwise specified OR Cartilage Tissue OR Osteoblasts OR MG-63 OR Skin OR Other Macrophage Cancer Cell Lines OR Natural T-regulatory cells OR Oocytes OR Other Leukemia Cell Lines OR Swiss 3T3 cells OR NCI-H522 OR RXF-393 OR CD4+ T-lymphocytes OR Testis OR UO-31 OR Cortical neurons OR Other NK cells OR Crypt OR 786-0 OR BDCA-1+ dendritic cells OR BT-474 OR SK-MEL-5 OR Caudate Nucleus OR Langerhans cells OR Megakaryocytes OR Cerebral Cortex OR Kidney cell lines not otherwise specified OR A549-ATCC OR Purkinje cells OR Bone marrow-derived macrophages OR Other Stem cells OR Other Memory T lymphocytes OR Immune cells not otherwise specified OR Plasmacytoid dendritic cells OR Other Lymphocytes OR K-562 OR Other Teratocarcinoma Cell Lines OR Retina OR HeLa OR Immune cell lines not otherwise specified OR Mature monocyte-derived dendritic cells OR UACC-62 OR Granulocytes not otherwise specified OR Lymphocytes not otherwise specified OR Effector T cells OR UACC-257 OR Epidermis OR Other Mononuclear leukocytes OR Myeloma Cell Lines not otherwise specified OR Colon Cancer Cell Lines not otherwise specified OR Myeloid dendritic cells OR KM-12 OR MCF7 OR INS-1 OR Substantia Nigra OR Stomach OR Thalamus OR Other Immune cells OR Activated CD56bright NK cells OR Cornea OR Effector memory RA+ cytotoxic T cells OR T47-D OR Hepatoma Cell Lines not otherwise specified OR U87MG OR Mesenchymal stem cells OR Pyramidal neurons OR NT2/D1 OR Effector memory cytotoxic T cells OR Other Granulocytes OR CCRF-CEM OR HepG2 OR PC-12 cells OR Cervical cancer cell line not otherwise specified OR Monocyte-derived macrophage OR Pancreas OR HOP-62 OR Cells not otherwise specified OR Other Dendritic cells OR NCI-H332M OR Neuroblastoma Cell Lines not otherwise specified OR U2OS OR Activated helper T cells OR Th1 cells OR Other Monocytes OR BA/F3 OR Pituitary Gland OR PC-3 OR Adipose OR Large Intestine OR Vascular smooth muscle cells OR Lymphoma Cell Lines not otherwise specified OR Other Kidney Cancer Cell Lines OR Blood platelets OR MDA-MB-361 OR Peripheral blood lymphocytes OR NB4 OR Fibroblast cell lines not otherwise specified OR Cerebral Ventricles OR Corpus Callosum OR Placenta OR Other Breast Cancer Cell Lines OR Pheochromocytoma cell lines not otherwise specified OR RAW 264.7 OR Fibroblasts OR Central memory cytotoxic T cells OR Other Organ Systems OR WEHI-231 OR SK-N-SH OR Plasma cells OR Monocytes not otherwise specified OR Forestomach OR RKO OR Hematopoietic progenitor cells OR Peritoneal macrophages OR SW-620 OR Subventricular Zone OR Lung Cancer Cell Lines not otherwise specified OR Peripheral blood monocytes OR MDA-N OR Amygdala OR Cardiomyocytes OR Activated Vd1 Gamma-delta T cells OR Other CNS Cell Lines OR CD34+ cells OR OVCAR-5 OR Neutrophils OR Murine NKT cells OR OVCAR-3 OR TK-10 OR CD56dim NK cells OR Stromal cells OR Other Neurons OR Kidney Cancer Cell Lines not otherwise specified OR Other Nervous System OR HCT-116 OR 3T3-L1 cells OR HS 578T OR SF-295 OR Th2 cells OR Vd2 Gamma-delta T cells OR Striatum OR Spleen OR Other Ovarian Cancer Cell Lines OR NCI-H23 OR PANC-1 OR

Other Cell Line OR Trigeminal Ganglion OR Cos-7 cells OR Other Melanoma Cell Lines OR Dendritic cells not otherwise specified OR Other Lung Cancer Cell Lines OR Esophagus OR Other Prostate Cancer Cell Lines OR Endothelial cells not otherwise specified OR Nucleus Accumbens OR SN12C OR Thymocytes OR Lymph node OR Ovary OR Pre-B lymphocytes OR Keratinocytes OR SR OR Effector memory helper T cells OR RPMI-8266 OR Sertoli cells OR Other Epithelial cells OR Min6 OR Other Endothelial cells OR SF-539 OR Microvascular endothelial cells OR P19 OR H460 OR Central memory helper T cells OR J-774A.1 OR Memory T lymphocytes not otherwise specified OR SW-480 OR Other Smooth muscle cells OR Olfactory Bulb OR Other Lymphoma Cell Lines OR Prostate Gland OR SK-MEL-28 OR COLO205 OR Vd1 Gamma-delta T cells OR THP-1 OR Beta islet cells OR Monocyte-derived dendritic cells not otherwise specified OR Nervous System not otherwise specified OR CD56bright NK cells OR A375 OR A2780 OR MOLT-4 OR Bone marrow cells not otherwise specified OR Splenocytes OR Lens OR HUVEC cells OR M14 OR Osteosarcoma Cell Lines not otherwise specified OR EKVX OR Melanoma Cell Lines not otherwise specified OR Uterus OR Other Pancreatic Cancer Cell Lines OR DU-145 OR HCT-15 OR SK-OV-3 OR Granulosa cells OR Mononuclear leukocytes not otherwise specified OR Embryonic stem cells OR RBL-2H3 OR Melanocytes OR Ventricular Zone OR Hypothalamus OR Stem cells not otherwise specified OR Other B lymphocytes OR CAKI-1 OR MALME-3M OR HOP-92 OR T lymphocytes not otherwise specified OR HL-60 OR Lung OR Medulla Oblongata OR Granule Cell Layer OR NK cells not otherwise specified OR Granule cells OR U937 OR Other Neuroblastoma Cell Lines OR Hepatocytes OR Other Myeloma Cell Lines OR BT-549 OR Other Hepatoma Cell Lines OR U251 OR Other Tissues and Primary Cells OR Cytotoxic T cells OR Other T lymphocytes OR Eosinophils OR Breast Cancer Cell Lines not otherwise specified OR LOX IMVI OR Leukemia Cell Lines not otherwise specified OR SF-268 OR Activated CD56dim NK cells OR Sciatic Nerve OR Skeletal Muscle OR Hep3B OR Bone marrow-derived dendritic cells OR Other Immune cell lines OR Smooth muscle cells not otherwise specified OR HuH7 OR White Matter OR Macrophage Cancer Cell Lines not otherwise specified OR MDA-MB-468 OR B lymphocytes not otherwise specified OR Liver OR Organ Systems not otherwise specified OR OVCAR-8 OR Salivary Gland OR OVCAR-4 OR Choroid Plexus OR Peripheral blood leukocytes not otherwise specified OR Immature monocyte-derived dendritic cells OR CNS Cell Lines not otherwise specified OR Spinal Cord OR Jurkat OR Brainstem OR Tissues and Primary Cells not otherwise specified OR Naive helper T cells OR NIH/3T3 cells OR Intraepithelial T lymphocytes OR SK-MEL-2 OR Other Monocyte-derived dendritic cells OR NCI-H226 OR J774 OR Other Colon Cancer Cell Lines OR HT29 OR BDCA-3+ dendritic cells OR Chondrocytes OR MDA-MB-435 OR Other Pheochromocytoma cell lines OR Astrocytes OR Other Peripheral blood leukocytes OR Other Bone marrow cells OR Neurons not otherwise specified OR Other Cells OR Small Intestine) AND

(mol. types = biologic drug OR canonical pathway OR chemical - endogenous mammalian OR chemical - endogenous non-mammalian OR chemical - kinase inhibitor OR chemical - other OR chemical - protease inhibitor OR chemical drug OR chemical reagent OR chemical toxicant OR complex OR cytokine OR disease OR enzyme OR function OR G-protein coupled receptor OR group OR growth factor OR ion channel OR kinase OR ligand-dependent nuclear receptor OR mature microRNA OR microRNA OR other OR peptidase OR phosphatase OR transcription regulator OR translation regulator OR transmembrane receptor OR transporter) AND

(data sources = An Open Access Database of Genome-wide Association Results OR BIND OR BioGRID OR Catalogue Of Somatic Mutations In Cancer (COSMIC) OR Chemical Carcinogenesis Research Information System (CCRIS) OR Clinical Genome Resource (ClinGen) OR ClinicalTrials.gov OR ClinVar OR Cognia OR DIP OR DrugBank OR Gene Ontology (GO) OR GVK Biosciences OR Hazardous Substances Data Bank (HSDB) OR HumanCyc OR Ingenuity Expert Findings OR Ingenuity ExpertAssist Findings OR IntAct OR Interactome studies OR MIPS OR miRBase OR miRecords OR Mouse Genome Database (MGD) OR Obesity Gene Map Database OR Online Mendelian Inheritance in Man (OMIM) OR TarBase OR TargetScan Human)