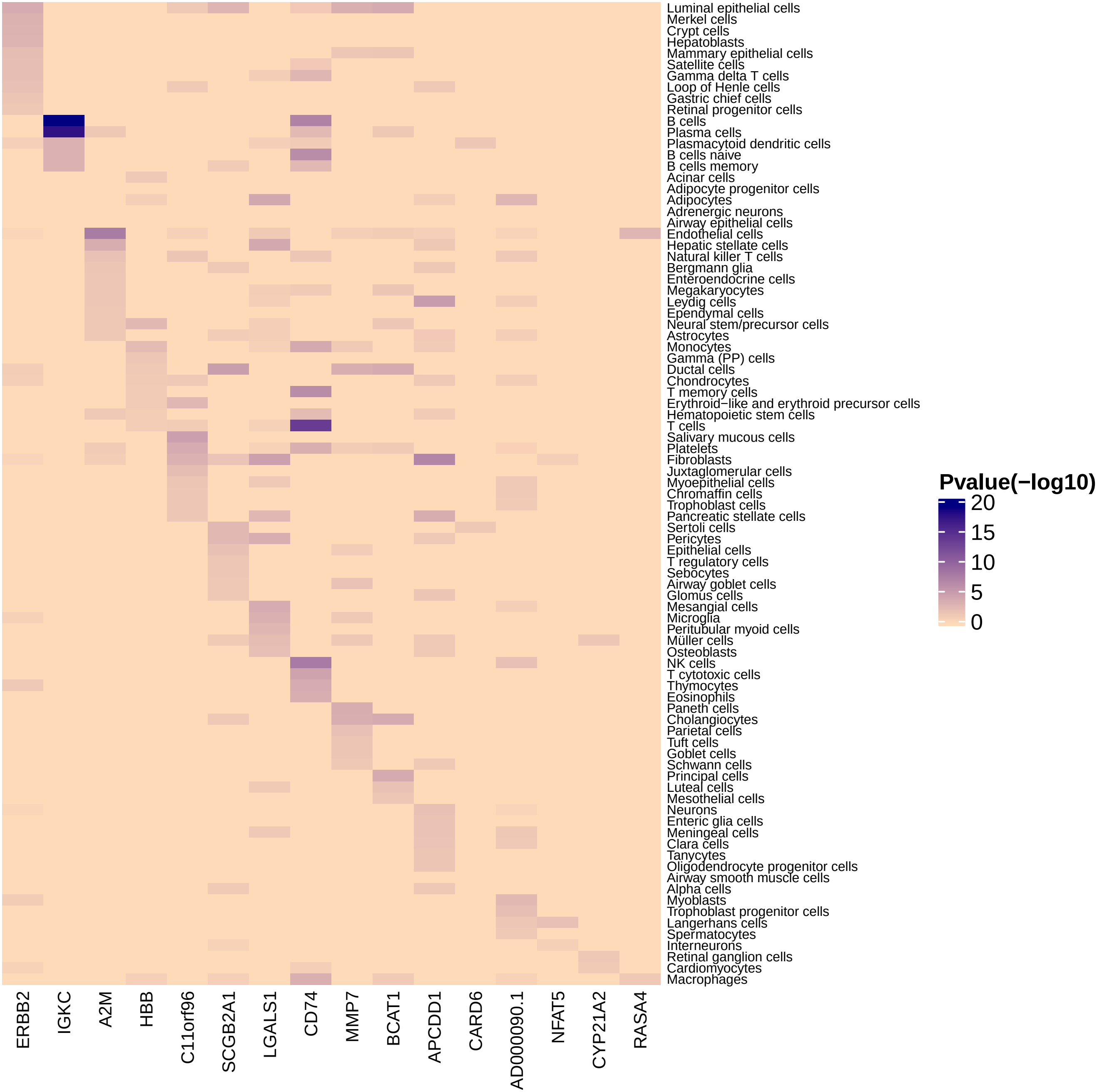
Luminal epithelial cells
Merkel cells
Crypt cells
Hepatoblasts
Mammary epithelial cells
Satellite cells
Gamma delta T cells
Loop of Henle cells
Gastric chief cells
Retinal progenitor cells
B cells
Plasma cells
Plasmacytoid dendritic cells
B cells naive
B cells memory
Acinar cells
Adipocyte progenitor cells
Adipocytes
Adrenergic neurons
Airway epithelial cells
Endothelial cells
Hepatic stellate cells
Natural killer T cells
Bergmann glia
Enteroendocrine cells
Megakaryocytes
Leydig cells
Ependymal cells
Neural stem/precursor cells
Astrocytes
Monocytes
Gamma (PP) cells
Ductal cells
Chondrocytes
T memory cells
Erythroid−like and erythroid precursor cells
Hematopoietic stem cells
T cells
Salivary mucous cells
Platelets
Fibroblasts
Juxtaglomerular cells
Myoepithelial cells
Chromaffin cells
Trophoblast cells
Pancreatic stellate cells
Sertoli cells
Pericytes
Epithelial cells
T regulatory cells
Sebocytes
Airway goblet cells
Glomus cells
Mesangial cells
Microglia
Peritubular myoid cells
Müller cells
Osteoblasts
NK cells
T cytotoxic cells
Thymocytes
Eosinophils
Paneth cells
Cholangiocytes
Parietal cells
Tuft cells
Goblet cells
Schwann cells
Principal cells
Luteal cells
Mesothelial cells
Neurons
Enteric glia cells
Meningeal cells
Clara cells
Tanycytes
Oligodendrocyte progenitor cells
Airway smooth muscle cells
Alpha cells
Myoblasts
Trophoblast progenitor cells
Langerhans cells
Spermatocytes
Interneurons
Retinal ganglion cells
Cardiomyocytes
Macrophages
ERBB2
IGKC
A2M
HBB
C11orf96
SCGB2A1
LGALS1
CD74
MMP7
BCAT1
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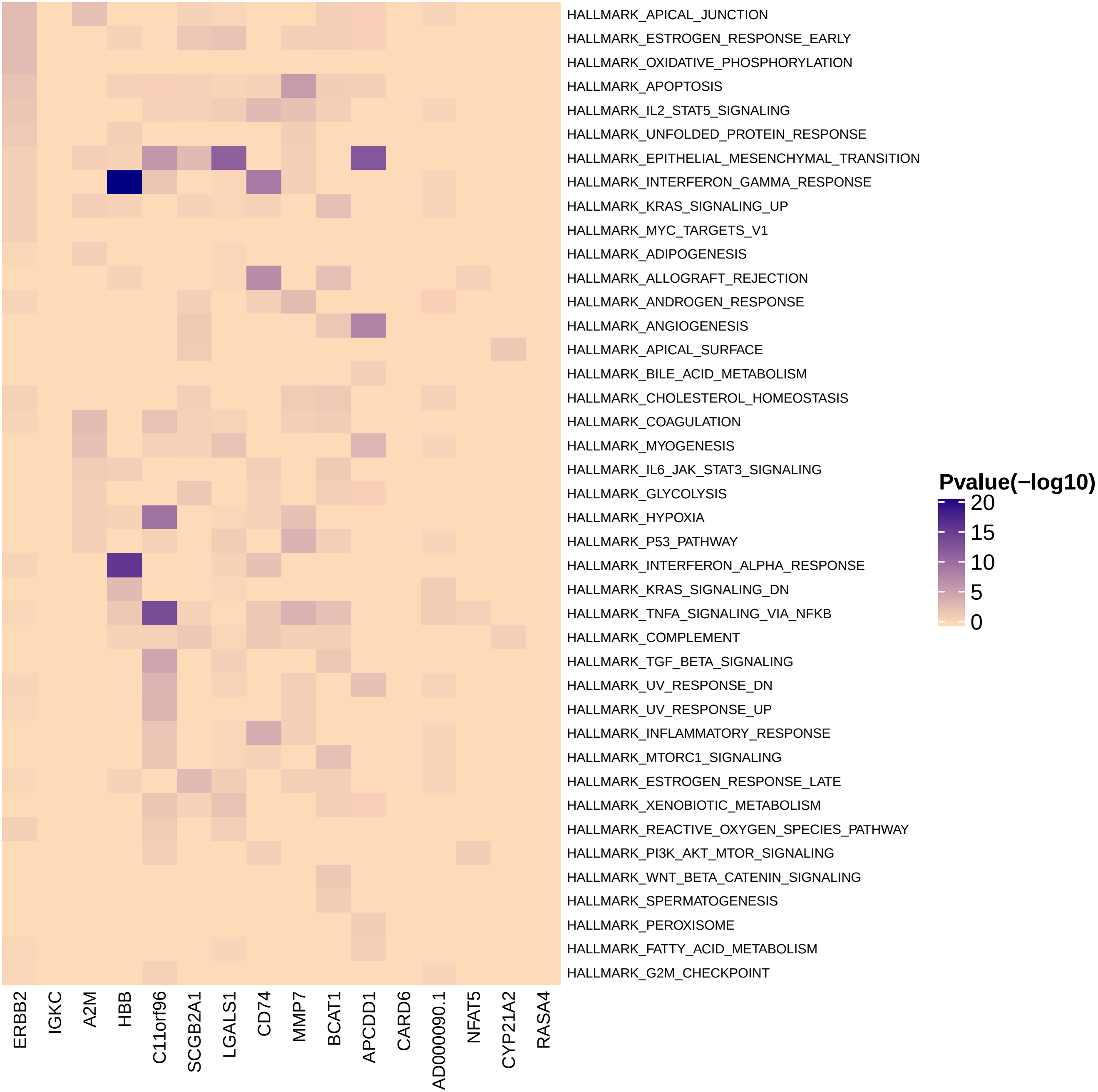
HALLMARK_APICAL_JUNCTION
HALLMARK_ESTROGEN_RESPONSE_EARLY
HALLMARK_OXIDATIVE_PHOSPHORYLATION
HALLMARK_APOPTOSIS
HALLMARK_IL2_STAT5_SIGNALING
HALLMARK_UNFOLDED_PROTEIN_RESPONSE
HALLMARK_EPITHELIAL_MESENCHYMAL_TRANSITION
HALLMARK_INTERFERON_GAMMA_RESPONSE
HALLMARK_KRAS_SIGNALING_UP
HALLMARK_MYC_TARGETS_V1
HALLMARK_ADIPOGENESIS
HALLMARK_ALLOGRAFT_REJECTION
HALLMARK_ANDROGEN_RESPONSE
HALLMARK_ANGIOGENESIS
HALLMARK_APICAL_SURFACE
HALLMARK_BILE_ACID_METABOLISM
HALLMARK_CHOLESTEROL_HOMEOSTASIS
HALLMARK_COAGULATION
HALLMARK_MYOGENESIS
HALLMARK_IL6_JAK_STAT3_SIGNALING
HALLMARK_GLYCOLYSIS
HALLMARK_HYPOXIA
HALLMARK_P53_PATHWAY
HALLMARK_INTERFERON_ALPHA_RESPONSE
HALLMARK_KRAS_SIGNALING_DN
HALLMARK_TNFA_SIGNALING_VIA_NFKB
HALLMARK_COMPLEMENT
HALLMARK_TGF_BETA_SIGNALING
HALLMARK_UV_RESPONSE_DN
HALLMARK_UV_RESPONSE_UP
HALLMARK_INFLAMMATORY_RESPONSE
HALLMARK_MTORC1_SIGNALING
HALLMARK_ESTROGEN_RESPONSE_LATE
HALLMARK_XENOBIOTIC_METABOLISM
HALLMARK_REACTIVE_OXYGEN_SPECIES_PATHWAY
HALLMARK_PI3K_AKT_MTOR_SIGNALING
HALLMARK_WNT_BETA_CATENIN_SIGNALING
HALLMARK_SPERMATOGENESIS
HALLMARK_PEROXISOME
HALLMARK_FATTY_ACID_METABOLISM
HALLMARK_G2M_CHECKPOINT
ERBB2
IGKC
A2M
HBB
C11orf96
SCGB2A1
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MMP7
BCAT1
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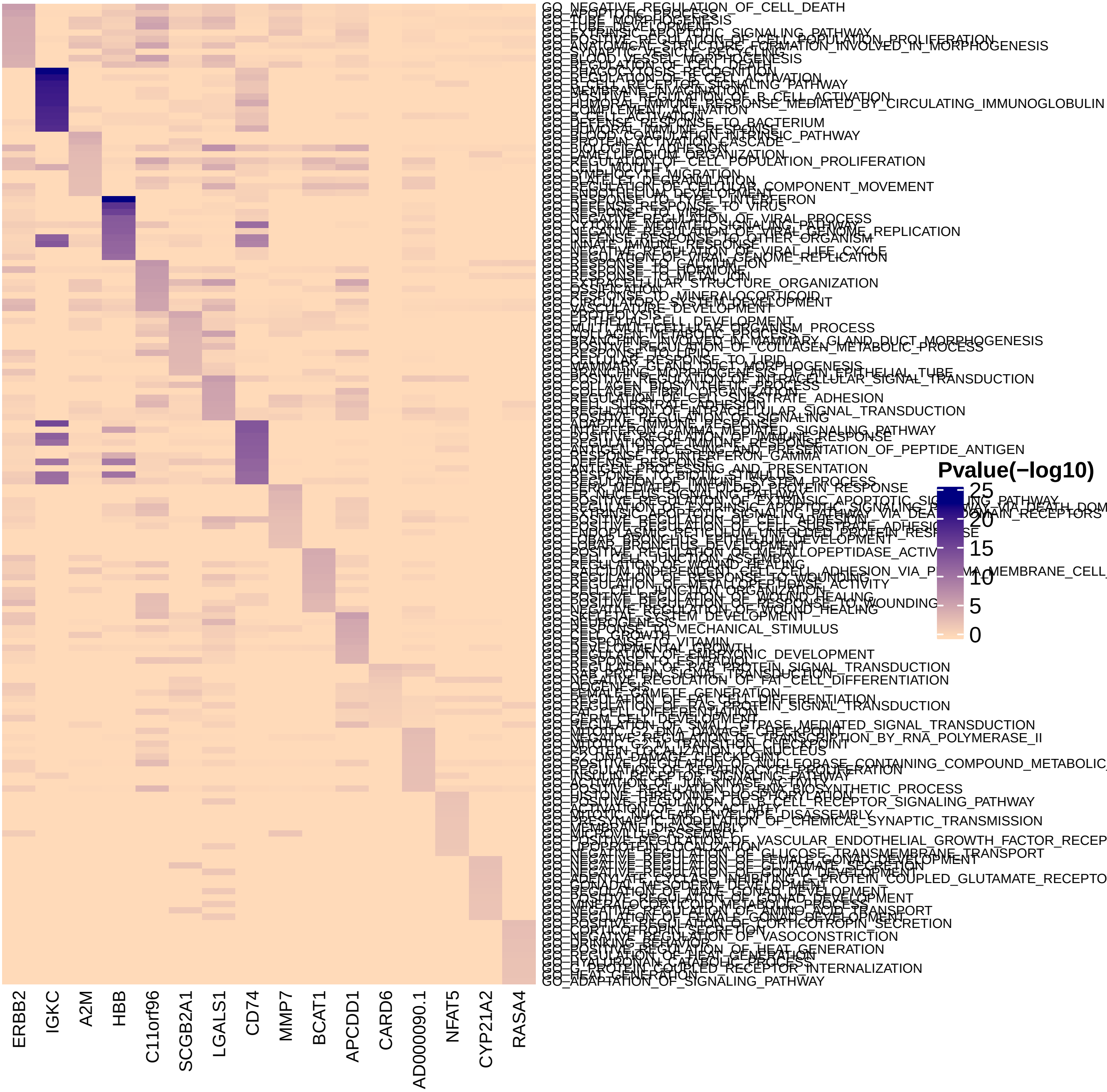
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APCDD1
CARD6
AD000090.1
NFAT5
CYP21A2
RASA4
GO_NEGATIVE_REGULATION_OF_CELL_DEATH
GO_APOPTOTIC_PROCESS
GO_TUBE_MORPHOGENESIS
GO_TUBE_DEVELOPMENT
GO_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY
GO_ANATOMICAL_STRUCTURE_FORMATION_INVOLVED_IN_MORPHOGENESIS
GO_SYNAPTIC_VESICLE_RECYCLING
GO_BLOOD_VESSEL_MORPHOGENESIS
GO_PHAGOCYTOSIS_RECOGNITION
GO_REGULATION_OF_B_CELL_ACTIVATION
GO_B_CELL_RECEPTOR_SIGNALING_PATHWAY
GO_MEMBRANE_INVAGINATION
GO_HUMORAL_IMMUNE_RESPONSE_MEDIATED_BY_CIRCULATING_IMMUNOGLOBULIN
GO_COMPLEMENT_ACTIVATION
GO_B_CELL_ACTIVATION
GO_DEFENSE_RESPONSE_TO_BACTERIUM
GO_HUMORAL_IMMUNE_RESPONSE
GO_BLOOD_COAGULATION_INTRINSIC_PATHWAY
GO_PROTEIN_ACTIVATION_CASCADE
GO_BIOLOGICAL_ADHESION
GO_LAMELLIPODIUM_ORGANIZATION
GO_REGULATION_OF_CELL_POPULATION_PROLIFERATION
GO_LYMPHOCYTE_MIGRATION
GO_PLATELET_DEGRANULATION
GO_REGULATION_OF_CELLULAR_COMPONENT_MOVEMENT
GO_RESPONSE_TO_TYPE_I_INTERFERON
GO_DEFENSE_RESPONSE_TO_VIRUS
GO_RESPONSE_TO_VIRUS
GO_NEGATIVE_REGULATION_OF_VIRAL_PROCESS
GO_CYTOKINE_MEDIATED_SIGNALING_PATHWAY
GO_NEGATIVE_REGULATION_OF_VIRAL_GENOME_REPLICATION
GO_DEFENSE_RESPONSE_TO_OTHER_ORGANISM
GO_INNATE_IMMUNE_RESPONSE
GO_NEGATIVE_REGULATION_OF_VIRAL_LIFE_CYCLE
GO_REGULATION_OF_VIRAL_GENOME_REPLICATION
GO_RESPONSE_TO_CALCIUM_ION
GO_RESPONSE_TO_HORMONE
GO_RESPONSE_TO_METAL_ION
GO_EXTRACELLULAR_STRUCTURE_ORGANIZATION
GO_OSSIFICATION
GO_RESPONSE_TO_MINERALOCORTICOID
GO_CIRCULATORY_SYSTEM_DEVELOPMENT
GO_VASCULATURE_DEVELOPMENT
GO_PROTEOLYSIS
GO_EPITHELIAL_CELL_DEVELOPMENT
GO_MULTI_MULTICELLULAR_ORGANISM_PROCESS
GO_COLLAGEN_METABOLIC_PROCESS
GO_BRANCHING_INVOLVED_IN_MAMMARY_GLAND_DUCT_MORPHOGENESIS
GO_RESPONSE_TO_LIPID
GO_CELLULAR_RESPONSE_TO_LIPID
GO_MAMMARY_GLAND_DUCT_MORPHOGENESIS
GO_BRANCHING_MORPHOGENESIS_OF_AN_EPITHELIAL_TUBE
GO_COLLAGEN_BIOSYNTHETIC_PROCESS
GO_COLLAGEN_FIBRIL_ORGANIZATION
GO_REGULATION_OF_CELL_SUBSTRATE_ADHESION
GO_CELL_SUBSTRATE_ADHESION
GO_REGULATION_OF_INTRACELLULAR_SIGNAL_TRANSDUCTION
GO_POSITIVE_REGULATION_OF_SIGNALING
GO_ADAPTIVE_IMMUNE_RESPONSE
GO_INTERFERON_GAMMA_MEDIATED_SIGNALING_PATHWAY
GO_POSITIVE_REGULATION_OF_IMMUNE_RESPONSE
GO_REGULATION_OF_IMMUNE_RESPONSE
GO_ANTIGEN_PROCESSING_AND_PRESENTATION_OF_PEPTIDE_ANTIGEN
GO_RESPONSE_TO_INTERFERON_GAMMA
GO_DEFENSE_RESPONSE
GO_ANTIGEN_PROCESSING_AND_PRESENTATION
GO_RESPONSE_TO_BIOTIC_STIMULUS
GO_REGULATION_OF_IMMUNE_SYSTEM_PROCESS
GO_PERK_MEDIATED_UNFOLDED_PROTEIN_RESPONSE
GO_REGULATION_OF_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_VIA_DEATH_DOMAIN_RECEPTORS
GO_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_VIA_DEATH_DOMAIN_RECEPTORS
GO_POSITIVE_REGULATION_OF_CELL_ADHESION
GO_ENDOPLASMIC_RETICULUM_UNFOLDED_PROTEIN_RESPONSE
GO_LUNG_EPITHELIUM_DEVELOPMENT
GO_LOBAR_BRONCHUS_DEVELOPMENT
GO_CELL_JUNCTION_ASSEMBLY
GO_REGULATION_OF_WOUND_HEALING
GO_REGULATION_OF_RESPONSE_TO_WOUNDING
GO_REGULATION_OF_METALLOPEPTIDASE_ACTIVITY
GO_CELL_JUNCTION_ORGANIZATION
GO_POSITIVE_REGULATION_OF_WOUND_HEALING
GO_NEGATIVE_REGULATION_OF_WOUND_HEALING
GO_SKELETAL_SYSTEM_DEVELOPMENT
GO_NEUROGENESIS
GO_RESPONSE_TO_MECHANICAL_STIMULUS
GO_CELL_GROWTH
GO_RESPONSE_TO_VITAMIN
GO_DEVELOPMENTAL_GROWTH
GO_REGULATION_OF_EMBRYONIC_DEVELOPMENT
GO_RESPONSE_TO_ESTRADIOL
GO_REGULATION_OF_RAS_PROTEIN_SIGNAL_TRANSDUCTION
GO_RAS_PROTEIN_SIGNAL_TRANSDUCTION
GO_NEGATIVE_REGULATION_OF_FAT_CELL_DIFFERENTIATION
GO_FEMALE_GAMETE_GENERATION
GO_REGULATION_OF_FAT_CELL_DIFFERENTIATION
GO_FAT_CELL_DIFFERENTIATION
GO_GERM_CELL_DEVELOPMENT
GO_REGULATION_OF_SMALL_GTPASE_MEDIATED_SIGNAL_TRANSDUCTION
GO_MITOTIC_G2_DNA_DAMAGE_CHECKPOINT
GO_NEGATIVE_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_II
GO_MITOTIC_G2_M_TRANSITION_CHECKPOINT
GO_PROTEIN_LOCALIZATION_TO_NUCLEUS
GO_G2_DNA_DAMAGE_CHECKPOINT
GO_REGULATION_OF_KERATINOCYTE_PROLIFERATION
GO_POSITIVE_REGULATION_OF_RNA_BIOSYNTHETIC_PROCESS
GO_HISTONE_THREONINE_PHOSPHORYLATION
GO_POSITIVE_REGULATION_OF_B_CELL_RECEPTOR_SIGNALING_PATHWAY
GO_MITOTIC_NUCLEAR_ENVELOPE_DISASSEMBLY
GO_PRESYNAPTIC_MODULATION_OF_CHEMICAL_SYNAPTIC_TRANSMISSION
GO_MEMBRANE_DISASSEMBLY
GO_MICROVILLUS_ASSEMBLY
GO_LIPOPROTEIN_LOCALIZATION
GO_NEGATIVE_REGULATION_OF_GLUCOSE_TRANSMEMBRANE_TRANSPORT
GO_NEGATIVE_REGULATION_OF_FEMALE_GONAD_DEVELOPMENT
GO_NEGATIVE_REGULATION_OF_GLUTAMATE_SECRETION
GO_GONADAL_MESODERM_DEVELOPMENT
GO_REGULATION_OF_MALE_GONAD_DEVELOPMENT
GO_MINERALOCORTICOID_METABOLIC_PROCESS
GO_NEGATIVE_REGULATION_OF_AMINO_ACID_TRANSPORT
GO_REGULATION_OF_FEMALE_GONAD_DEVELOPMENT
GO_POSITIVE_REGULATION_OF_CORTICOTROPIN_SECRETION
GO_CORTICOTROPIN_SECRETION
GO_NEGATIVE_REGULATION_OF_VASOCONSTRICTION
GO_DRINKING_BEHAVIOR
GO_POSITIVE_REGULATION_OF_HEAT_GENERATION
GO_REGULATION_OF_HEAT_GENERATION
GO_G_PROTEIN_COUPLED_RECEPTOR_INTERNALIZATION
GO_HEAT_GENERATION
GO_ADAPTATION_OF_SIGNALING_PATHWAY


KEGG_PATHOGENIC_ESCHERICHIA_COLI_INFECTION
KEGG_PARKINSONS_DISEASE
KEGG_OXIDATIVE_PHOSPHORYLATION
KEGG_ALZHEIMERS_DISEASE
KEGG_CARDIAC_MUSCLE_CONTRACTION
KEGG_HUNTINGTONS_DISEASE
KEGG_LEUKOCYTE_TRANSENDOTHELIAL_MIGRATION
KEGG_ADHERENS_JUNCTION
KEGG_REGULATION_OF_ACTIN_CYTOSKELETON
KEGG_TIGHT_JUNCTION
KEGG_ABC_TRANSPORTERS
KEGG_ACUTE_MYELOID_LEUKEMIA
KEGG_ADIPOCYTOKINE_SIGNALING_PATHWAY
KEGG_ALANINE_ASPARTATE_AND_GLUTAMATE_METABOLISM
KEGG_ALDOSTERONE_REGULATED_SODIUM_REABSORPTION
KEGG_ALLOGRAFT_REJECTION
KEGG_ALPHA_LINOLENIC_ACID_METABOLISM
KEGG_AMINO_SUGAR_AND_NUCLEOTIDE_SUGAR_METABOLISM
KEGG_COMPLEMENT_AND_COAGULATION_CASCADES
KEGG_ETHER_LIPID_METABOLISM
KEGG_P53_SIGNALING_PATHWAY
KEGG_ECM_RECEPTOR_INTERACTION
KEGG_CELL_ADHESION_MOLECULES_CAMS
KEGG_CHEMOKINE_SIGNALING_PATHWAY
KEGG_FOCAL_ADHESION
KEGG_CYTOKINE_CYTOKINE_RECEPTOR_INTERACTION
KEGG_NOD_LIKE_RECEPTOR_SIGNALING_PATHWAY
KEGG_PANCREATIC_CANCER
KEGG_RIG_I_LIKE_RECEPTOR_SIGNALING_PATHWAY
KEGG_LEISHMANIA_INFECTION
KEGG_TOLL_LIKE_RECEPTOR_SIGNALING_PATHWAY
KEGG_JAK_STAT_SIGNALING_PATHWAY
KEGG_PATHWAYS_IN_CANCER
KEGG_BLADDER_CANCER
KEGG_MAPK_SIGNALING_PATHWAY
KEGG_GLIOMA
KEGG_MELANOMA
KEGG_CHRONIC_MYELOID_LEUKEMIA
KEGG_TGF_BETA_SIGNALING_PATHWAY
KEGG_ERBB_SIGNALING_PATHWAY
KEGG_PROGESTERONE_MEDIATED_OOCYTE_MATURATION
KEGG_OOCYTE_MEIOSIS
KEGG_GLYCOSAMINOGLYCAN_BIOSYNTHESIS_KERATAN_SU
KEGG_NICOTINATE_AND_NICOTINAMIDE_METABOLISM
KEGG_GALACTOSE_METABOLISM
KEGG_GLYCOSPHINGOLIPID_BIOSYNTHESIS_LACTO_AND_N ACTO_SERIES
KEGG_N_GLYCAN_BIOSYNTHESIS
KEGG_INTESTINAL_IMMUNE_NETWORK_FOR_IGA_PRODUCT
KEGG_HEDGEHOG_SIGNALING_PATHWAY
KEGG_VASCULAR_SMOOTH_MUSCLE_CONTRACTION
KEGG_WNT_SIGNALING_PATHWAY
KEGG_BASAL_CELL_CARCINOMA
KEGG_ARACHIDONIC_ACID_METABOLISM
KEGG_B_CELL_RECEPTOR_SIGNALING_PATHWAY
KEGG_ANTIGEN_PROCESSING_AND_PRESENTATION
KEGG_GRAFT_VERSUS_HOST_DISEASE
KEGG_TYPE_I_DIABETES_MELLITUS
KEGG_AUTOIMMUNE_THYROID_DISEASE
KEGG_ASTHMA
KEGG_VIRAL_MYOCARDITIS
KEGG_PORPHYRIN_AND_CHLOROPHYLL_METABOLISM
KEGG_ARGININE_AND_PROLINE_METABOLISM
KEGG_APOPTOSIS
KEGG_NATURAL_KILLER_CELL_MEDIATED_CYTOTOXICITY
KEGG_VALINE_LEUCINE_AND_ISOLEUCINE_BIOSYNTHESIS
KEGG_PANTOTHENATE_AND_COA_BIOSYNTHESIS
KEGG_VALINE_LEUCINE_AND_ISOLEUCINE_DEGRADATION
KEGG_HEMATOPOIETIC_CELL_LINEAGE
KEGG_CELL_CYCLE
KEGG_MTOR_SIGNALING_PATHWAY
KEGG_RETINOL_METABOLISM
KEGG_LONG_TERM_DEPRESSION
KEGG_TYPE_II_DIABETES_MELLITUS
KEGG_ENDOMETRIAL_CANCER
KEGG_NON_SMALL_CELL_LUNG_CANCER
KEGG_VEGF_SIGNALING_PATHWAY
KEGG_VIBRIO_CHOLERAE_INFECTION
KEGG_LONG_TERM_POTENTIATION
KEGG_STEROID_HORMONE_BIOSYNTHESIS
KEGG_AXON_GUIDANCE
KEGG_NEUROACTIVE_LIGAND_RECEPTOR_INTERACTION
ERBB2
IGKC
A2M
HBB
C11orf96
SCGB2A1
LGALS1
CD74
MMP7
BCAT1
APCDD1
CARD6
AD000090.1
NFAT5
CYP21A2
RASA4
Pvalue(−log10)
15
10
5
0


REACTOME_RESPIRATORY_ELECTRON_TRANSPORT_ATP_SYNTHESIS_BY_CHEMIOSMO
REACTOME_CELL_CELL_JUNCTION_ORGANIZATION
REACTOME_THE_CITRIC_ACID_TCA_CYCLE_AND_RESPIRATORY_ELECTRON_TRANSPO
REACTOME_SEMA4D_INDUCED_CELL_MIGRATION_AND_GROWTH_CONE_COLLAPSE
REACTOME_TP53_REGULATES_METABOLIC_GENES
REACTOME_RHO_GTPASE_EFFECTORS
REACTOME_GAP_JUNCTION_ORGANIZATION
REACTOME_SEMA4D_IN_SEMAPHORIN_SIGNALING
REACTOME_RESPIRATORY_ELECTRON_TRANSPORT
REACTOME_ACTIVATION_OF_BH3_ONLY_PROTEINS
REACTOME_FCGR_ACTIVATION
REACTOME_CREATION_OF_C4_AND_C2_ACTIVATORS
REACTOME_INITIAL_TRIGGERING_OF_COMPLEMENT
REACTOME_ROLE_OF_PHOSPHOLIPIDS_IN_PHAGOCYTOSIS
REACTOME_FCGR3A_MEDIATED_IL10_SYNTHESIS
REACTOME_COMPLEMENT_CASCADE
REACTOME_PARASITE_INFECTION
REACTOME_FCGAMMA_RECEPTOR_FCGR_DEPENDENT_PHAGOCYTOSIS
REACTOME_SCAVENGING_OF_HEME_FROM_PLASMA
REACTOME_CELL_SURFACE_INTERACTIONS_AT_THE_VASCULAR_WALL
REACTOME_INTRINSIC_PATHWAY_OF_FIBRIN_CLOT_FORMATION
REACTOME_FORMATION_OF_FIBRIN_CLOT_CLOTTING_CASCADE
REACTOME_REGULATION_OF_INSULIN_LIKE_GROWTH_FACTOR_IGF_TRANSPORT_AND
REACTOME_RUNX1_REGULATES_EXPRESSION_OF_COMPONENTS_OF_TIGHT_JUNCTI
REACTOME_DEFECTIVE_FACTOR_VIII_CAUSES_HEMOPHILIA_A
REACTOME_HDL_ASSEMBLY
REACTOME_GP1B_IX_V_ACTIVATION_SIGNALLING
REACTOME_TP53_REGULATES_TRANSCRIPTION_OF_DEATH_RECEPTORS_AND_LIGAN
REACTOME_LYSOSPHINGOLIPID_AND_LPA_RECEPTORS
REACTOME_INTERFERON_ALPHA_BETA_SIGNALING
REACTOME_INTERFERON_SIGNALING
REACTOME_ANTIVIRAL_MECHANISM_BY_IFN_STIMULATED_GENES
REACTOME_CYTOKINE_SIGNALING_IN_IMMUNE_SYSTEM
REACTOME_ERYTHROCYTES_TAKE_UP_OXYGEN_AND_RELEASE_CARBON_DIOXIDE
REACTOME_OAS_ANTIVIRAL_RESPONSE
REACTOME_ERYTHROCYTES_TAKE_UP_CARBON_DIOXIDE_AND_RELEASE_OXYGEN
REACTOME_INTERFERON_GAMMA_SIGNALING
REACTOME_BINDING_AND_UPTAKE_OF_LIGANDS_BY_SCAVENGER_RECEPTORS
REACTOME_NGF_STIMULATED_TRANSCRIPTION
REACTOME_NUCLEAR_EVENTS_KINASE_AND_TRANSCRIPTION_FACTOR_ACTIVATION_
REACTOME_INTERLEUKIN_4_AND_INTERLEUKIN_13_SIGNALING
REACTOME_EXTRACELLULAR_MATRIX_ORGANIZATION
REACTOME_SIGNALING_BY_NTRKS
REACTOME_CONSTITUTIVE_SIGNALING_BY_AKT1_E17K_IN_CANCER
REACTOME_SMAD2_SMAD3_SMAD4_HETEROTRIMER_REGULATES_TRANSCRIPTION
REACTOME_O_GLYCOSYLATION_OF_TSR_DOMAIN_CONTAINING_PROTEINS
REACTOME_TRANSCRIPTIONAL_ACTIVITY_OF_SMAD2_SMAD3_SMAD4_HETEROTRIMER
REACTOME_RUNX2_REGULATES_CHONDROCYTE_MATURATION
REACTOME_PHENYLALANINE_METABOLISM
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REACTOME_DEFECTIVE_B4GALT1_CAUSES_B4GALT1_CDG_CDG_2D_
REACTOME_LIGAND_RECEPTOR_INTERACTIONS
REACTOME_RELEASE_OF_HH_NP_FROM_THE_SECRETING_CELL
REACTOME_TERMINAL_PATHWAY_OF_COMPLEMENT
REACTOME_INTERACTION_WITH_CUMULUS_CELLS_AND_THE_ZONA_PELLUCIDA
REACTOME_PHENYLALANINE_AND_TYROSINE_METABOLISM
REACTOME_CASPASE_MEDIATED_CLEAVAGE_OF_CYTOSKELETAL_PROTEINS
REACTOME_SCAVENGING_BY_CLASS_A_RECEPTORS
REACTOME_ASSEMBLY_OF_COLLAGEN_FIBRILS_AND_OTHER_MULTIMERIC_STRUCTU
REACTOME_COLLAGEN_BIOSYNTHESIS_AND_MODIFYING_ENZYMES
REACTOME_CROSSLINKING_OF_COLLAGEN_FIBRILS
REACTOME_COLLAGEN_FORMATION
REACTOME_RHO_GTPASES_ACTIVATE_PAKS
REACTOME_PD_1_SIGNALING
REACTOME_GENERATION_OF_SECOND_MESSENGER_MOLECULES
REACTOME_MHC_CLASS_II_ANTIGEN_PRESENTATION
REACTOME_COSTIMULATION_BY_THE_CD28_FAMILY
REACTOME_ADAPTIVE_IMMUNE_SYSTEM
REACTOME_ENDOSOMAL_VACUOLAR_PATHWAY
REACTOME_TRAIL_SIGNALING
REACTOME_POU5F1_SOX2_NANOG_REPRESS_GENES_RELATED_TO_DIFFEREN
REACTOME_RESPONSE_OF_EIF2AK1_HRI_TO_HEME_DEFICIENCY
REACTOME_SYNTHESIS_OF_PROSTAGLANDINS_PG_AND_THROMBOXANES_TX
REACTOME_CASPASE_ACTIVATION_VIA_DEATH_RECEPTORS_IN_THE_PRESENCE_OF_
REACTOME_RIPK1_MEDIATED_REGULATED_NECROSIS
REACTOME_CASPASE_ACTIVATION_VIA_EXTRINSIC_APOPTOTIC_SIGNALLING_PATHWA
REACTOME_METAL_ION_SLC_TRANSPORTERS
REACTOME_ATF4_ACTIVATES_GENES_IN_RESPONSE_TO_ENDOPLASMIC_RETICULUM_
REACTOME_TIGHT_JUNCTION_INTERACTIONS
REACTOME_CELL_CELL_COMMUNICATION
REACTOME_ACROSOME_REACTION_AND_SPERM_OOCYTE_MEMBRANE_BINDING
REACTOME_UPTAKE_AND_FUNCTION_OF_DIPHTHERIA_TOXIN
REACTOME_REGULATION_OF_RUNX1_EXPRESSION_AND_ACTIVITY
REACTOME_BRANCHED_CHAIN_AMINO_ACID_CATABOLISM
REACTOME_RAF_INDEPENDENT_MAPK1_3_ACTIVATION
REACTOME_ECM_PROTEOGLYCANS
REACTOME_SYNTHESIS_SECRETION_AND_DEACYLATION_OF_GHRELIN
REACTOME_DISEASES_ASSOCIATED_WITH_GLYCOSAMINOGLYCAN_METABOLISM
REACTOME_NCAM1_INTERACTIONS
REACTOME_COLLAGEN_CHAIN_TRIMERIZATION
REACTOME_SIGNALING_BY_PDGF
REACTOME_NON_INTEGRIN_MEMBRANE_ECM_INTERACTIONS
REACTOME_RAB_GEFS_EXCHANGE_GTP_FOR_GDP_ON_RABS
REACTOME_RAB_REGULATION_OF_TRAFFICKING
REACTOME_RHO_GTPASES_ACTIVATE_FORMINS
REACTOME_SIGNALING_BY_RHO_GTPASES
REACTOME_MEMBRANE_TRAFFICKING
REACTOME_VESICLE_MEDIATED_TRANSPORT
REACTOME_2_LTR_CIRCLE_FORMATION
REACTOME_A_TETRASACCHARIDE_LINKER_SEQUENCE_IS_REQUIRED_FOR_GAG_SYN
REACTOME_ABACAVIR_METABOLISM
REACTOME_SIGNALING_BY_TYPE_1_INSULIN_LIKE_GROWTH_FACTOR_1_RECEPTOR_
REACTOME_SIGNALING_BY_FGFR2
REACTOME_PI3K_AKT_SIGNALING_IN_CANCER
REACTOME_DOWNSTREAM_SIGNALING_OF_ACTIVATED_FGFR2
REACTOME_SIGNALING_BY_FGFR2_IN_DISEASE
REACTOME_IRS_MEDIATED_SIGNALLING
REACTOME_INSULIN_RECEPTOR_SIGNALLING_CASCADE
REACTOME_SIGNALING_BY_FGFR_IN_DISEASE
REACTOME_CONSTITUTIVE_SIGNALING_BY_ABERRANT_PI3K_IN_CANCER
REACTOME_DISINHIBITION_OF_SNARE_FORMATION
REACTOME_RUNX1_REGULATES_TRANSCRIPTION_OF_GENES_INVOLVED_IN_DIFFERE
REACTOME_DEPOLYMERISATION_OF_THE_NUCLEAR_LAMINA
REACTOME_TRAFFICKING_OF_GLUR2_CONTAINING_AMPA_RECEPTORS
REACTOME_VEGFR2_MEDIATED_CELL_PROLIFERATION
REACTOME_RHO_GTPASES_ACTIVATE_NADPH_OXIDASES
REACTOME_TRAFFICKING_OF_AMPA_RECEPTORS
REACTOME_SYNTHESIS_OF_BILE_ACIDS_AND_BILE_SALTS
REACTOME_BILE_ACID_AND_BILE_SALT_METABOLISM
REACTOME_MINERALOCORTICOID_BIOSYNTHESIS
REACTOME_GLUCOCORTICOID_BIOSYNTHESIS
REACTOME_DCC_MEDIATED_ATTRACTIVE_SIGNALING
REACTOME_ENDOGENOUS_STEROLS
REACTOME_METABOLISM_OF_STEROID_HORMONES
REACTOME_METABOLIC_DISORDERS_OF_BIOLOGICAL_OXIDATION_ENZYMES
REACTOME_CLASS_C_3_METABOTROPIC_GLUTAMATE_PHEROMONE_RECEPTORS_
REACTOME_NETRIN_1_SIGNALING
REACTOME_CYTOCHROME_P450_ARRANGED_BY_SUBSTRATE_TYPE
REACTOME_POST_TRANSLATIONAL_MODIFICATION_SYNTHESIS_OF_GPI_ANCHORED_
REACTOME_HYALURONAN_UPTAKE_AND_DEGRADATION
REACTOME_HYALURONAN_METABOLISM
REACTOME_REGULATION_OF_RAS_BY_GAPS
REACTOME_GLYCOSAMINOGLYCAN_METABOLISM
REACTOME_PEPTIDE_LIGAND_BINDING_RECEPTORS
REACTOME_METABOLISM_OF_CARBOHYDRATES
REACTOME_MAPK_FAMILY_SIGNALING_CASCADES
REACTOME_CLASS_A_1_RHODOPSIN_LIKE_RECEPTORS_
REACTOME_G_ALPHA_I_SIGNALLING_EVENTS
ERBB2
IGKC
A2M
HBB
C11orf96
SCGB2A1
LGALS1
CD74
MMP7
BCAT1
APCDD1
CARD6
AD000090.1
NFAT5
CYP21A2
RASA4
Pvalue(-log10)
30
20
10
0