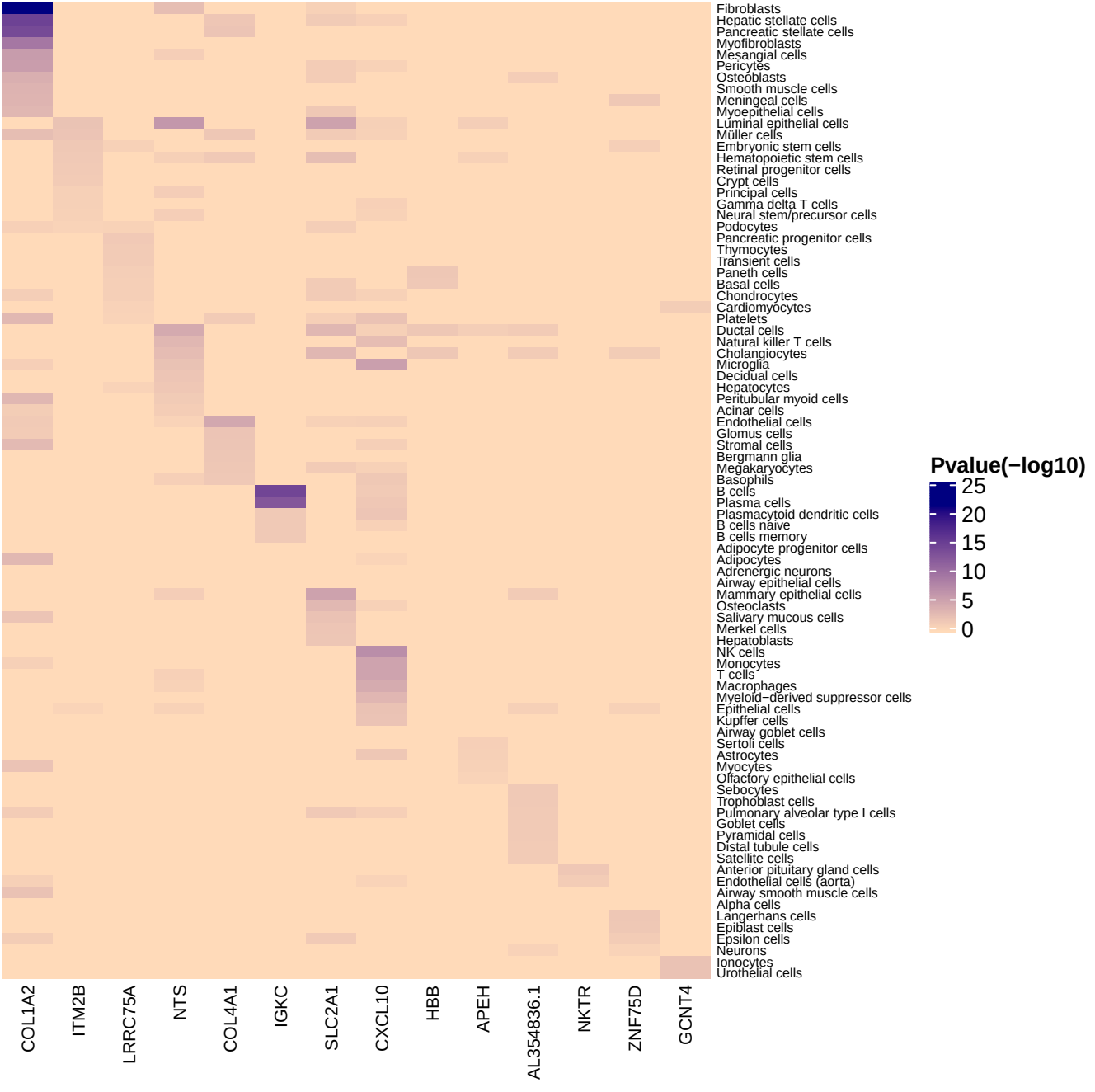
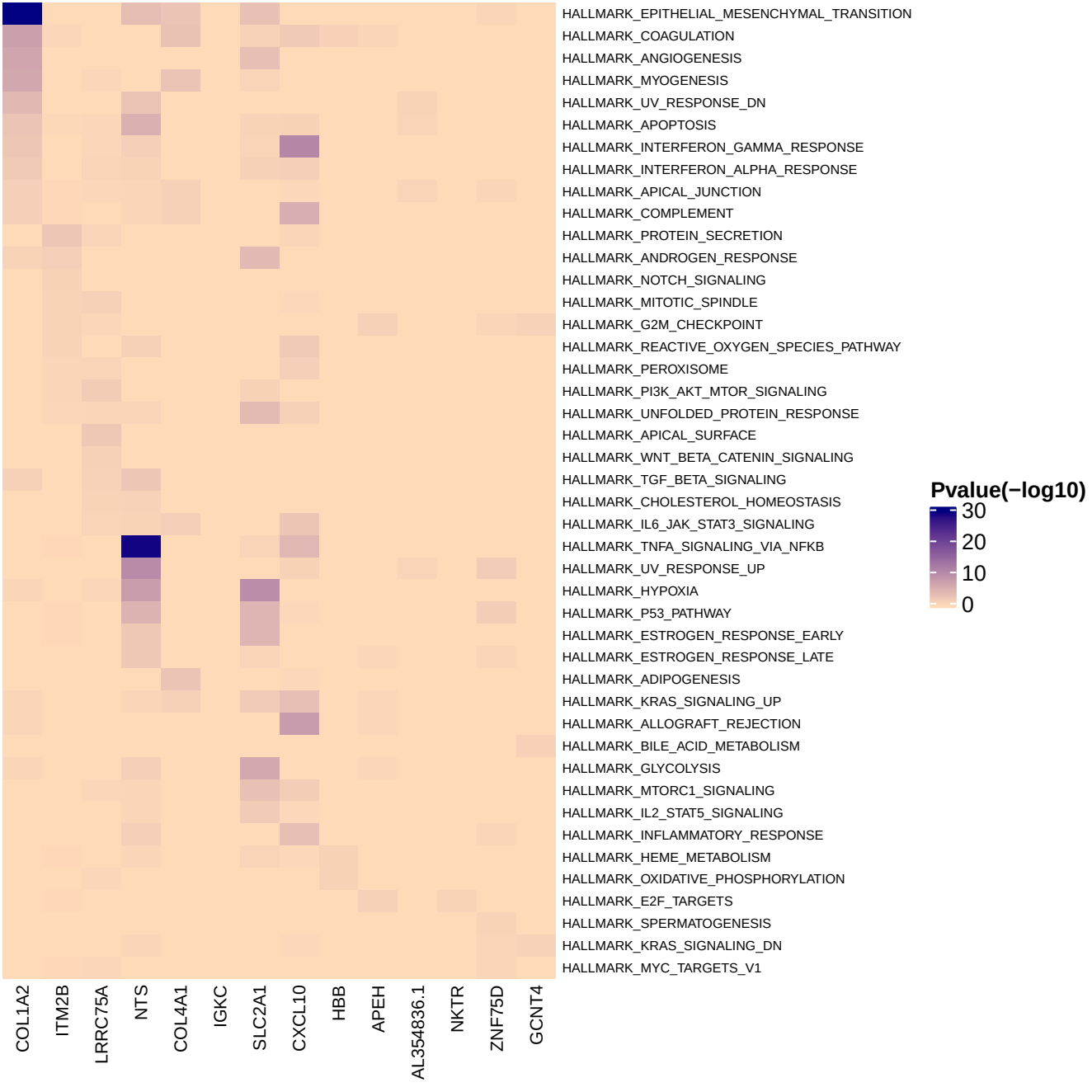
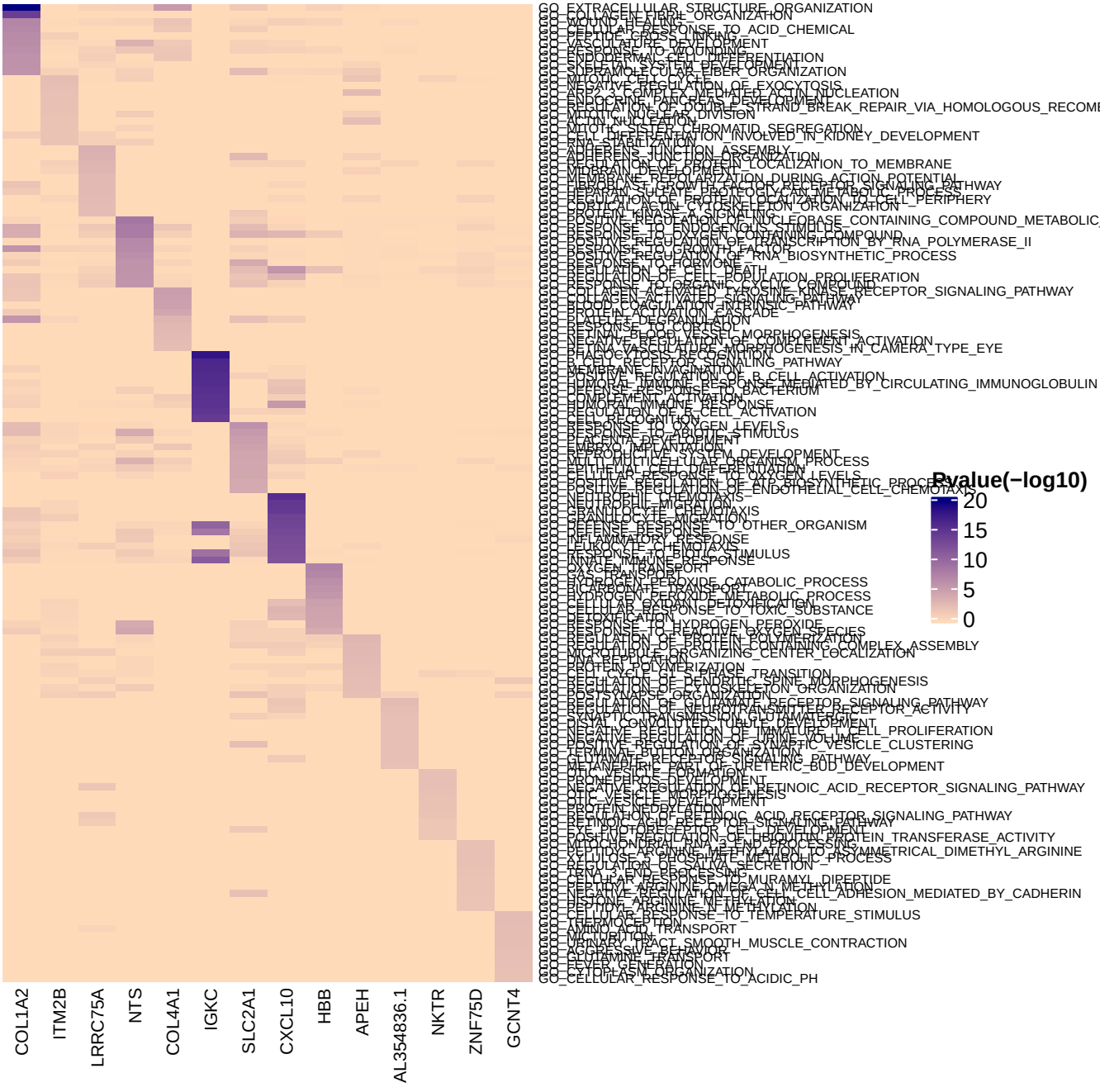
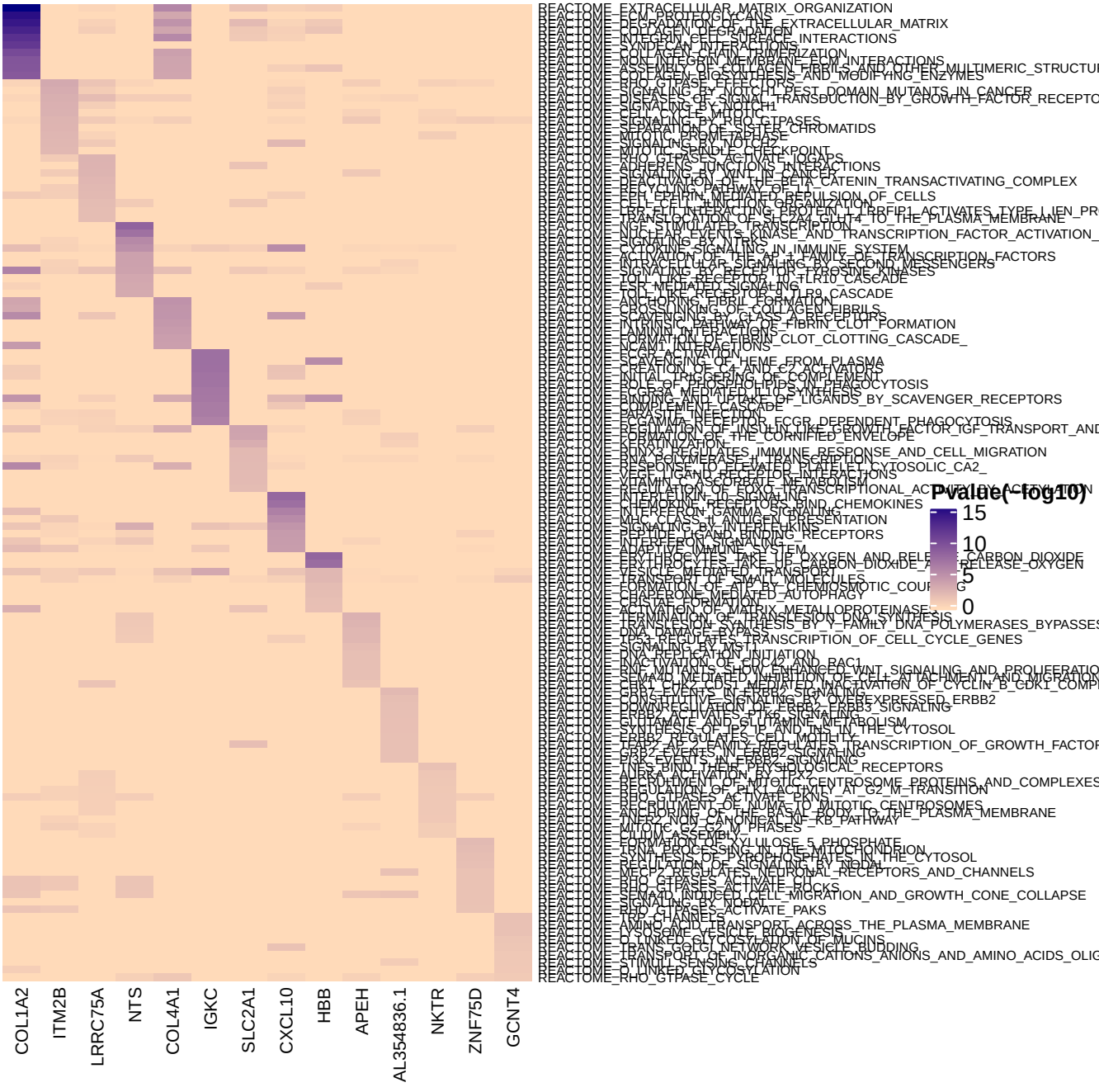

Fibroblasts
Hepatic stellate cells
Pancreatic stellate cells
Myofibroblasts
Mesangial cells
Pericytes
Osteoblasts
Smooth muscle cells
Meningeal cells
Myoepithelial cells
Luminal epithelial cells
Müller cells
Embryonic stem cells
Hematopoietic stem cells
Retinal progenitor cells
Crypt cells
Principal cells
Gamma delta T cells
Neural stem/precursor cells
Podocytes
Pancreatic progenitor cells
Thymocytes
Transient cells
Paneth cells
Basal cells
Chondrocytes
Cardiomyocytes
Platelets
Ductal cells
Natural killer T cells
Cholangiocytes
Microglia
Decidual cells
Hepatocytes
Peritubular myoid cells
Acinar cells
Endothelial cells
Glomus cells
Stromal cells
Bergmann glia
Megakaryocytes
Basophils
B cells
Plasma cells
Plasmacytoid dendritic cells
B cells naive
B cells memory
Adipocyte progenitor cells
Adipocytes
Adrenergic neurons
Airway epithelial cells
Mammary epithelial cells
Osteoclasts
Salivary mucous cells
Merkel cells
Hepatoblasts
NK cells
Monocytes
T cells
Macrophages
Myeloid−derived suppressor cells
Epithelial cells
Kupffer cells
Airway goblet cells
Sertoli cells
Astrocytes
Myocytes
Olfactory epithelial cells
Sebocytes
Trophoblast cells
Pulmonary alveolar type I cells
Goblet cells
Pyramidal cells
Distal tubule cells
Satellite cells
Anterior pituitary gland cells
Endothelial cells (aorta)
Airway smooth muscle cells
Alpha cells
Langerhans cells
Epiblast cells
Epsilon cells
Neurons
Ionocytes
Urothelial cells
COL1A2
ITM2B
LRRC75A
NTS
COL4A1
IGKC
SLC2A1
CXCL10
HBB
APEH
AL354836.1
NKTR
ZNF75D
GCNT4
Pvalue(−log10)
25
20
15
10
5
0


HALLMARK_EPITHELIAL_MESENCHYMAL_TRANSITION
HALLMARK_COAGULATION
HALLMARK_ANGIOGENESIS
HALLMARK_MYOGENESIS
HALLMARK_UV_RESPONSE_DN
HALLMARK_APOPTOSIS
HALLMARK_INTERFERON_GAMMA_RESPONSE
HALLMARK_INTERFERON_ALPHA_RESPONSE
HALLMARK_APICAL_JUNCTION
HALLMARK_COMPLEMENT
HALLMARK_PROTEIN_SECRETION
HALLMARK_ANDROGEN_RESPONSE
HALLMARK_NOTCH_SIGNALING
HALLMARK_MITOTIC_SPINDLE
HALLMARK_G2M_CHECKPOINT
HALLMARK_REACTIVE_OXYGEN_SPECIES_PATHWAY
HALLMARK_PEROXISOME
HALLMARK_PI3K_AKT_MTOR_SIGNALING
HALLMARK_UNFOLDED_PROTEIN_RESPONSE
HALLMARK_APICAL_SURFACE
HALLMARK_WNT_BETA_CATENIN_SIGNALING
HALLMARK_TGF_BETA_SIGNALING
HALLMARK_CHOLESTEROL_HOMEOSTASIS
HALLMARK_IL6_JAK_STAT3_SIGNALING
HALLMARK_TNFA_SIGNALING_VIA_NFKB
HALLMARK_UV_RESPONSE_UP
HALLMARK_HYPOXIA
HALLMARK_P53_PATHWAY
HALLMARK_ESTROGEN_RESPONSE_EARLY
HALLMARK_ESTROGEN_RESPONSE_LATE
HALLMARK_ADIPOGENESIS
HALLMARK_KRAS_SIGNALING_UP
HALLMARK_ALLOGRAFT_REJECTION
HALLMARK_BILE_ACID_METABOLISM
HALLMARK_GLYCOLYSIS
HALLMARK_MTORC1_SIGNALING
HALLMARK_IL2_STAT5_SIGNALING
HALLMARK_INFLAMMATORY_RESPONSE
HALLMARK_HEME_METABOLISM
HALLMARK_OXIDATIVE_PHOSPHORYLATION
HALLMARK_E2F_TARGETS
HALLMARK_SPERMATOGENESIS
HALLMARK_KRAS_SIGNALING_DN
HALLMARK_MYC_TARGETS_V1
COL1A2
ITM2B
LRRC75A
NTS
COL4A1
IGKC
SLC2A1
CXCL10
HBB
APEH
AL354836.1
NKTR
ZNF75D
GCNT4
Pvalue(−log10)
30
20
10
0


GO_EXTRACELLULAR_STRUCTURE_ORGANIZATION
GO_WOUND_HEALING
GO_CELLULAR_RESPONSE_TO_ACID_CHEMICAL
GO_PEPTIDE_CROSS_LINKING
GO_VASCULATURE_DEVELOPMENT
GO_ENDOPLASMIC_RETICULUM_TO_GOLGI_TRANSPORT
GO_ENDODERMAL_CELL_DIFFERENTIATION
GO_SKELETAL_SYSTEM_DEVELOPMENT
GO_SUPRAMOLECULAR_FIBER_ORGANIZATION
GO_MITOTIC_CELL_CYCLE
GO_NEGATIVE_REGULATION_OF_EXOCYTOSIS
GO_ARP2_3_COMPLEX_MEDIATED_ACTIN_NUCLEATION
GO_ENDOCRINE_PANCREAS_DEVELOPMENT
GO_REPLICATION_OF_DOUBLE_STRAND_BREAK_REPAIR_VIA_HOMOLOGOUS_RECOMB
GO_MITOTIC_NUCLEAR_DIVISION
GO_ACTIN_NUCLEATION
GO_MITOTIC_SISTER_CHROMATID_SEGREGATION
GO_CELL_DIFFERENTIATION_INVOLVED_IN_KIDNEY_DEVELOPMENT
GO_RNA_STABILIZATION
GO_ADHERENS_JUNCTION_ASSEMBLY
GO_ADHERENS_JUNCTION_ORGANIZATION
GO_PEPTIDE_OR_PROTEIN_LOCALIZATION_TO_MEMBRANE
GO_MIDBRAIN_DEVELOPMENT
GO_MEMBRANE_REPOLARIZATION_DURING_ACTION_POTENTIAL
GO_CELL_CELL_SIGNALING_BY_WNT_CANONICAL_WNT_SIGNALING_PATHWAY
GO_HEPARAN_SULFATE_PROTEOGLYCAN_METABOLIC_PROCESS
GO_ATTACHMENT_OF_PROTEIN_GPI_ANCHOR_TO_CELL_PERIPHERY
GO_CORTICAL_ACTIN_CYTOSKELETON_ORGANIZATION
GO_PROTEIN_KINASE_A_SIGNALING
GO_NEGATIVE_REGULATION_OF_NUCLEOBASE_CONTAINING_COMPOUND_METABOLIC
GO_RESPONSE_TO_ENDOGENOUS_STIMULUS
GO_POSITIVE_REGULATION_OF_NITROGEN_COMPOUND
GO_POSITIVE_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_II
GO_RESPONSE_TO_GROWTH_FACTOR
GO_POSITIVE_REGULATION_OF_RNA_BIOSYNTHETIC_PROCESS
GO_RESPONSE_TO_HORMONE
GO_REGULATION_OF_CELL_DEATH
GO_REGULATION_OF_CELL_POPULATION_PROLIFERATION
GO_RESPONSE_TO_ORGANIC_CYCLIC_COMPOUND
GO_COLLAGEN_ACTIVATED_TYROSINE_KINASE_RECEPTOR_SIGNALING_PATHWAY
GO_COLLAGEN_ACTIVATED_SIGNALING_PATHWAY
GO_BLOOD_COAGULATION_INTRINSIC_PATHWAY
GO_PROTEIN_ACTIVATION_CASCADE
GO_PLATELET_DEGRANULATION
GO_RESPONSE_TO_LIPOPROTEIN
GO_RETINAL_BLOOD_VESSEL_MORPHOGENESIS
GO_NEGATIVE_REGULATION_OF_COMPLEMENT_ACTIVATION
GO_RETINAL_VASCULATURE_MORPHOGENESIS_IN_CAMERA_TYPE_EYE
GO_PHAGOCYTOSIS_RECOGNITION
GO_B_CELL_RECEPTOR_SIGNALING_PATHWAY
GO_MEMBRANE_ENHANCEMENT
GO_POSITIVE_REGULATION_OF_B_CELL_ACTIVATION
GO_HUMORAL_IMMUNE_RESPONSE_MEDIATED_BY_CIRCULATING_IMMUNOGLOBULIN
GO_DEFENSE_RESPONSE_TO_BACTERIUM
GO_COMPLEMENT_ACTIVATION
GO_HUMORAL_IMMUNE_RESPONSE
GO_REGULATION_OF_B_CELL_ACTIVATION
GO_RESPIRATORY_SYSTEM_DEVELOPMENT
GO_RESPONSE_TO_VITAMIN
GO_RESPONSE_TO_OXYGEN_LEVELS
GO_RESPONSE_TO_ABIOTIC_STIMULUS
GO_PLACENTA_DEVELOPMENT
GO_EMBRYO_IMPLANTATION
GO_REPRODUCTIVE_SYSTEM_DEVELOPMENT
GO_MULTICELLULAR_ORGANISMAL_PROCESS
GO_EPITHELIAL_CELL_DIFFERENTIATION
GO_CELLULAR_RESPONSE_TO_OXYGEN_LEVELS
GO_POSITIVE_REGULATION_OF_ATP_BIOSYNTHETIC_PROCESS
GO_POSITIVE_REGULATION_OF_ENDOTHELIAL_CELL_CHEMOTAXIS
GO_NEUTROPHIL_CHEMOTAXIS
GO_NEUTROPHIL_MIGRATION
GO_GRANULOCYTE_CHEMOTAXIS
GO_GRANULOCYTE_MIGRATION
GO_DEFENSE_RESPONSE_TO_OTHER_ORGANISM
GO_DEFENSE_RESPONSE
GO_INFLAMMATORY_RESPONSE
GO_LEUKOCYTE_CHEMOTAXIS
GO_RESPONSE_TO_BIOTIC_STIMULUS
GO_INNATE_IMMUNE_RESPONSE
GO_OXYGEN_TRANSPORT
GO_GAS_TRANSPORT
GO_HYDROGEN_PEROXIDE_CATABOLIC_PROCESS
GO_BICARBONATE_TRANSPORT
GO_HYDROGEN_PEROXIDE_METABOLIC_PROCESS
GO_CELLULAR_OXIDANT_DETOXIFICATION
GO_CELLULAR_RESPONSE_TO_TOXIC_SUBSTANCE
GO_DETOXIFICATION
GO_RESPONSE_TO_HYDROGEN_PEROXIDE
GO_RESPONSE_TO_REACTIVE_OXYGEN_SPECIES
GO_REGULATION_OF_PROTEIN_POLYMERIZATION
GO_REGULATION_OF_PROTEIN_CONTAINING_COMPLEX_ASSEMBLY
GO_MICROTUBULE_ORGANIZING_CENTER_LOCALIZATION
GO_DNA_REPLICATION
GO_PROTEIN_POLYMERIZATION
GO_CELL_CYCLE_PHASE_TRANSITION
GO_REGULATION_OF_DENDRITIC_SPINE_MORPHOGENESIS
GO_REGULATION_OF_CYTOSKELETON_ORGANIZATION
GO_REGULATION_OF_GLUTAMATE_RECEPTOR_SIGNALING_PATHWAY
GO_SYNAPTIC_TRANSMISSION_GLUTAMATERGIC
GO_DISTAL_CONVOLUTED_TUBULE_DEVELOPMENT
GO_NEGATIVE_REGULATION_OF_IMMATURE_T_CELL_PROLIFERATION
GO_NEGATIVE_REGULATION_OF_URINE_VOLUME
GO_NEGATIVE_REGULATION_OF_SYNAPTIC_VESICLE_CLUSTERING
GO_TERMINAL_BUTTON_ORGANIZATION
GO_GLUTAMATE_RECEPTOR_SIGNALING_PATHWAY
GO_METANEPHRIC_PART_OF_URETERIC_BUD_DEVELOPMENT
GO_OTIC_VESICLE_FORMATION
GO_PRONEPHROS_DEVELOPMENT
GO_NEGATIVE_REGULATION_OF_RETINOIC_ACID_RECEPTOR_SIGNALING_PATHWAY
GO_OTIC_VESICLE_MORPHOGENESIS
GO_OTIC_VESICLE_DEVELOPMENT
GO_PROTEIN_NEDDYLATION
GO_REGULATION_OF_RETINOIC_ACID_RECEPTOR_SIGNALING_PATHWAY
GO_RETINOIC_ACID_RECEPTOR_SIGNALING_PATHWAY
GO_EYE_PHOTORECEPTOR_CELL_DEVELOPMENT
GO_POSITIVE_REGULATION_OF_HEPATOCYTE_PROTEIN_TRANSFERASE_ACTIVITY
GO_MITOCHONDRIAL_RNA_3_END_PROCESSING
GO_PEPTIDYL_ARGININE_METHYLATION_TO_ASYMMETRICAL_DIMETHYL_ARGININE
GO_CYTIDINE_5_DIPHOSPHATE_METABOLIC_PROCESS
GO_REGULATION_OF_SALIVA_SECRETION
GO_TRNA_3_ENDPROCESSING
GO_CELLULAR_RESPONSE_TO_MURAMYL_DIPEPTIDE
GO_PEPTIDYL_ARGININE_OMEGA_N_METHYLATION
GO_NEGATIVE_REGULATION_OF_CELL_CELL_ADHESION_MEDIATED_BY_CADHERIN
GO_HISTONE_ARGININE_METHYLATION
GO_PEPTIDYL_ARGININE_METHYLATION
GO_CELLULAR_RESPONSE_TO_TEMPERATURE_STIMULUS
GO_THERMOCEPTION
GO_AMINO_ACID_TRANSPORT
GO_VASODILATION
GO_URINARY_TRACT_SMOOTH_MUSCLE_CONTRACTION
GO_ACCESSIVE_BEHAVIOR
GO_GLUTAMINE_TRANSPORT
GO_FEVER_GENERATION
GO_CYTOSKELETON_ORGANIZATION
GO_CELLULAR_RESPONSE_TO_ACIDIC_PH
COL1A2
ITM2B
LRRC75A
NTS
COL4A1
IGKC
SLC2A1
CXCL10
HBB
APEH
AL354836.1
NKTR
ZNF75D
GCNT4
Pvalue(−log10)
20
15
10
5
0

KEGG_ECM_RECEPTOR_INTERACTION
KEGG_FOCAL_ADHESION
KEGG_VASCULAR_SMOOTH_MUSCLE_CONTRACTION
KEGG_BLADDER_CANCER
KEGG_TGF_BETA_SIGNALING_PATHWAY
KEGG_ANTIGEN_PROCESSING_AND_PRESENTATION
KEGG_LEUKOCYTE_TRANSENDOTHELIAL_MIGRATION
KEGG_REGULATION_OF_ACTIN_CYTOSKELETON
KEGG_ALLOGRAFT_REJECTION
KEGG_GRAFT_VERSUS_HOST_DISEASE
KEGG_OOCYTE_MEIOSIS
KEGG_SPLICEOSOME
KEGG_PROTEIN_EXPORT
KEGG_MATURITY_ONSET_DIABETES_OF_THE_YOUNG
KEGG_PROPANOATE_METABOLISM
KEGG_ENDOCYTOSIS
KEGG_VALINE_LEUCINE_AND_ISOLEUCINE_DEGRADATION
KEGG_VASOPRESSIN_REGULATED_WATER_REABSORPTION
KEGG_PROTEASOME
KEGG_PATHOGENIC_ESCHERICHIA_COLI_INFECTION
KEGG_ADHERENS_JUNCTION
KEGG_ARRHYTHMOGENIC_RIGHT_VENTRICULAR_CARDIOMYOPATHY_ARVC
KEGG_TIGHT_JUNCTION
KEGG_WNT_SIGNALING_PATHWAY
KEGG_PROXIMAL_TUBULE_BICARBONATE_RECLAMATION
KEGG_THYROID_CANCER
KEGG_MAPK_SIGNALING_PATHWAY
KEGG_LEISHMANIA_INFECTION
KEGG_B_CELL_RECEPTOR_SIGNALING_PATHWAY
KEGG_TOLL_LIKE_RECEPTOR_SIGNALING_PATHWAY
KEGG_T_CELL_RECEPTOR_SIGNALING_PATHWAY
KEGG_PRION_DISEASES
KEGG_COLORECTAL_CANCER
KEGG_EPITHELIAL_CELL_SIGNALING_IN_HELICOBACTER_PYLORI_INFECTION
KEGG_RIG_I_LIKE_RECEPTOR_SIGNALING_PATHWAY
KEGG_ERBB_SIGNALING_PATHWAY
KEGG_COMPLEMENT_AND_COAGULATION_CASCADES
KEGG_SMALL_CELL_LUNG_CANCER
KEGG_PATHWAYS_IN_CANCER
KEGG_ABC_TRANSPORTERS
KEGG_ACUTE_MYELOID_LEUKEMIA
KEGG_ADIPOCYTOKINE_SIGNALING_PATHWAY
KEGG_ALANINE_ASPARTATE_AND_GLUTAMATE_METABOLISM
KEGG_ALDOSTERONE_REGULATED_SODIUM_REABSORPTIO
KEGG_ALPHA_LINOLENIC_ACID_METABOLISM
KEGG_ALZHEIMERS_DISEASE
KEGG_AMINO_SUGAR_AND_NUCLEOTIDE_SUGAR_METABOL
KEGG_MTOR_SIGNALING_PATHWAY
KEGG_RENAL_CELL_CARCINOMA
KEGG_PHENYLALANINE_METABOLISM
KEGG_TYROSINE_METABOLISM
KEGG_RNA_DEGRADATION
KEGG_GLYCOLYSIS_GLUCONEOGENESIS
KEGG_CHEMOKINE_SIGNALING_PATHWAY
KEGG_CYTOKINE_CYTOKINE_RECEPTOR_INTERACTION
KEGG_TYPE_I_DIABETES_MELLITUS
KEGG_ASTHMA
KEGG_SYSTEMIC_LUPUS_ERYTHEMATOSUS
KEGG_AUTOIMMUNE_THYROID_DISEASE
KEGG_VIRAL_MYOCARDITIS
KEGG_RIBOSOME
KEGG_PARKINSONS_DISEASE
KEGG_OXIDATIVE_PHOSPHORYLATION
KEGG_HUNTINGTONS_DISEASE
KEGG_BASE_EXCISION_REPAIR
KEGG_REGULATION_OF_AUTOPHAGY
KEGG_DNA_REPLICATION
KEGG_NUCLEOTIDE_EXCISION_REPAIR
KEGG_PROGESTERONE_MEDIATED_OOCYTE_MATURATION
KEGG_PYRIMIDINE_METABOLISM
KEGG_CELL_CYCLE
KEGG_ENDOMETRIAL_CANCER
KEGG_AMYOTROPHIC_LATERAL_SCLEROSIS_ALS
KEGG_INOSITOL_PHOSPHATE_METABOLISM
KEGG_NON_SMALL_CELL_LUNG_CANCER
KEGG_LONG_TERM_DEPRESSION
KEGG_LONG_TERM_POTENTIATION
KEGG_PANCREATIC_CANCER
KEGG_PENTOSE_AND_GLUCURONATE_INTERCONVERSIONS
KEGG_NEUROACTIVE_LIGAND_RECEPTOR_INTERACTION
KEGG_O_GLYCAN_BIOSYNTHESIS
COL1A2
ITM2B
LRRC75A
NTS
COL4A1
IGKC
SLC2A1
CXCL10
HBB
APEH
AL354836.1
NKTR
ZNF75D
GCNT4
Pvalue(−log10)
10
5
0


COL1A2
ITM2B
LRRC75A
NTS
COL4A1
IGKC
SLC2A1
CXCL10
HBB
APEH
AL354836.1
NKTR
ZNF75D
GCNT4
REACTOME_EXTRACELLULAR_MATRIX_ORGANIZATION
REACTOME_DEGRADATION_OF_THE_EXTRACELLULAR_MATRIX
REACTOME_COLLAGEN_DEGRADATION
REACTOME_ECM_PROTEOGLYCANS
REACTOME_COLLAGEN_CHAIN_TRIMERIZATION
REACTOME_ASSEMBLY_OF_COLLAGEN_FIBRILS_AND_OTHER_MULTIMERIC_STRUCTUR
REACTOME_COLLAGEN_BIOSYNTHESIS_AND_MODIFYING_ENZYMES
REACTOME_SIGNALING_BY_NOTCH1_PEST_DOMAIN_MUTANTS_IN_CANCER
REACTOME_DISEASES_OF_SIGNAL_TRANSDUCTION_BY_GROWTH_FACTOR_RECEPTO
REACTOME_SIGNALING_BY_NOTCH1
REACTOME_CELL_CYCLE_MITOTIC
REACTOME_SIGNALING_BY_RHO_GTPASES
REACTOME_SEPARATION_OF_SISTER_CHROMATIDS
REACTOME_MITOTIC_PROMETAPHASE
REACTOME_SIGNALING_BY_NUCLEAR_RNA
REACTOME_MITOTIC_SPINDLE_CHECKPOINT
REACTOME_RHO_GTPASES_ACTIVATE_IQGAPS
REACTOME_ADHERENS_JUNCTIONS_INTERACTIONS
REACTOME_SIGNALING_BY_WNT_IN_CANCER
REACTOME_DEACTIVATION_OF_THE_BETA_CATENIN_TRANSACTIVATING_COMPLEX
REACTOME_EGFR_TRANSACTIVATION_BY_GPCRS
REACTOME_EPHERIN_MEDIATED_REPULSION_OF_CELLS
REACTOME_CELL_CELL_JUNCTION_ORGANIZATION
REACTOME_RHO_INTERACTING_PROTEIN_1_(RIF1)_ACTIVATES_TYPE_I_IFN_PR
REACTOME_TRANSLOCATION_OF_SLC2A4_(GLUT4)_TO_THE_PLASMA_MEMBRANE
REACTOME_NGF_STIMULATED_TRANSCRIPTION
REACTOME_MAPK_TARGETS_/_NUCLEAR_EVENTS_KINASE_AND_TRANSCRIPTION_FACTOR_ACTIVATION_
REACTOME_SIGNALING_BY_NOTCH
REACTOME_CYTOKINE_SIGNALING_IN_IMMUNE_SYSTEM
REACTOME_ACTIVATION_OF_THE_AP-1_FAMILY_OF_TRANSCRIPTION_FACTORS
REACTOME_INTRACELLULAR_SIGNALING_BY_SECOND_MESSENGERS
REACTOME_SIGNALING_BY_RECEPTOR_TYROSINE_KINASES
REACTOME_TOLL_LIKE_RECEPTOR_10_(TLR10)_CASCADE
REACTOME_ESR_MEDIATED_SIGNALING
REACTOME_TOLL_LIKE_RECEPTOR_9_(TLR9)_CASCADE
REACTOME_ANCHORING_FIBRIL_FORMATION
REACTOME_CROSSLINKING_OF_COLLAGEN_FIBRILS
REACTOME_SIGNALING_BY_CLASS_A_ORPHAN_GPCRS
REACTOME_INTRINSIC_PATHWAY_OF_FIBRIN_CLOT_FORMATION
REACTOME_LAMININ_INTERACTIONS
REACTOME_COAGULATION_OF_FIBRIN_CLOT_CLOTTING_CASCADE_
REACTOME_NCAM1_INTERACTIONS
REACTOME_ECGR_ACTIVATION
REACTOME_SCAVENGING_OF_HEME_FROM_PLASMA
REACTOME_CREATION_OF_C4_AND_C2_ACTIVATORS
REACTOME_INITIAL_TRIGGERING_OF_COMPLEMENT
REACTOME_ROLE_OF_PHOSPHOLIPIDS_IN_PHAGOCYTOSIS
REACTOME_FCGR3A_MEDIATED_IL10_SYNTHESIS
REACTOME_BINDING_AND_UPTAKE_OF_LIGANDS_BY_SCAVENGER_RECEPTORS
REACTOME_COMPLEMENT_CASCADE
REACTOME_PARASITE_INFECTION
REACTOME_FCGAMMA_RECEPTOR_(FCGR)_DEPENDENT_PHAGOCYTOSIS
REACTOME_REGULATION_OF_INSULIN_LIKE_GROWTH_FACTOR_(IGF)_TRANSPORT_AND
REACTOME_FORMATION_OF_THE_CORNIFIED_ENVELOPE
REACTOME_KERATINIZATION
REACTOME_RUNX3_REGULATES_IMMUNE_RESPONSE_AND_CELL_MIGRATION
REACTOME_RNA_POLYMERASE_II_TRANSCRIPTION
REACTOME_VESICLE_MEDIATED_TRANSPORT_TO_PLASMA_MEMBRANE
REACTOME_VEGF_LIGAND-RECEPTOR_INTERACTIONS
REACTOME_VITAMIN_C_(ASCORBATE)_METABOLISM
REACTOME_REGULATION_OF_HYPOXIA_HIF_TRANSCRIPTIONAL_ACTIVITY_BY_ACTIVATION
REACTOME_REGULATION_OF_IGF_SIGNALING
REACTOME_CHEMOKINE_RECEPTORS_BIND_CHEMOKINES
REACTOME_INTERFERON_GAMMA_SIGNALING
REACTOME_MHC_CLASS_II_ANTIGEN_PRESENTATION
REACTOME_SIGNALING_BY_INTERLEUKINS
REACTOME_POTAS_CHANNELS_BINDING_RECEPTORS
REACTOME_INTERFERON_SIGNALING
REACTOME_ADAPTIVE_IMMUNE_SYSTEM
REACTOME_ERYTHROCYTES_TAKE_UP_OXYGEN_AND_RELEASE_CARBON_DIOXIDE
REACTOME_ERYTHROCYTES_TAKE_UP_CARBON_DIOXIDE_AND_RELEASE_OXYGEN
REACTOME_VESICLE_MEDIATED_TRANSPORT
REACTOME_TRANSPORT_OF_SMALL_MOLECULES
REACTOME_FORMATION_OF_ATP_BY_CHEMIOSMOTIC_COUPLING
REACTOME_CHAPERONE_MEDIATED_AUTOPHAGY
REACTOME_CITRATE_CYCLE_TCA_CYCLE
REACTOME_ACTIVATION_OF_MATRIX_METALLOPROTEINASES
REACTOME_TRANSLATION_OF_TRANSCRIPTS_WITH_PTC_SYNTHESIS
REACTOME_RAN_A_DNA_DAMAGE_BYPASS_SYNTHESIS_BY_Y_FAMILY_DNA_POLYMERASES_BYPASSES
REACTOME_DNA_DAMAGE_BYPASS
REACTOME_TP53_REGULATES_TRANSCRIPTION_OF_CELL_CYCLE_GENES
REACTOME_SIGNALING_BY_MYO1
REACTOME_DNA_REPLICATION_INITIATION
REACTOME_ACTIVATION_OF_CDC42_AND_RAC1
REACTOME_RNF43_MUTANTS_SHOW_ENHANCED_WNT_SIGNALING_AND_PROLIFERATION
REACTOME_SEMA4D_MEDIATED_INHIBITION_OF_CELL_ATTACHMENT_AND_MIGRATION
REACTOME_CDK7_CDK12_CDK13_MEDIATED_ENHANCEMENT_OF_INITIATION_OF_CYCLIN_B_CDK1_COMPL
REACTOME_GRB7_EVENTS_IN_ERBB2_SIGNALING
REACTOME_CONSTITUTIVE_SIGNALING_BY_OVEREXPRESSED_ERBB2
REACTOME_DOWNREGULATION_OF_ERBB2:ERBB3_SIGNALING
REACTOME_ERBB2_ACTIVATES_PTK6_SIGNALING
REACTOME_GLUTAMATE_AND_GLUTAMINE_METABOLISM
REACTOME_CYTOSOLIC_SULFONYLTRANSFERASES_(SULTS)_IN_THE_CYTOSOL
REACTOME_ERBB2_REGULATES_CELL_MOTILITY
REACTOME_ERBB2_AF_FAMILY_REGULATES_TRANSCRIPTION_OF_GROWTH_FACTOR
REACTOME_ERBB2_EVENTS_IN_ERBB2_SIGNALING
REACTOME_PTK6_EVENTS_IN_ERBB2_SIGNALING
REACTOME_ANKS_BIND_TO_THEIR_PHYSIOLOGICAL_RECEPTORS
REACTOME_AURKA_ACTIVATION_BY_TPX2
REACTOME_RECRUITMENT_OF_MITOTIC_CENTROSOME_PROTEINS_AND_COMPLEXES
REACTOME_MOLECULAR_MECHANISMS_OF_PLK1_ACTIVATION_AT_G2_M_TRANSITION
REACTOME_RHO_GTPASES_ACTIVATE_CDKNS
REACTOME_RECRUITMENT_OF_NUMA_TO_MITOTIC_CENTROSOMES
REACTOME_ANCHORING_OF_THE_BASAL_BODY_TO_THE_PLASMA_MEMBRANE
REACTOME_ERBB2_NOD_LIKE_RECEPTOR_(NLR)_PATHWAY
REACTOME_MITOTIC_G2_G2_M_PHASES
REACTOME_TUBULIN_ASSEMBLY
REACTOME_FORMATION_OF_XYLULOSE_5_PHOSPHATE
REACTOME_TRNA_PROCESSING_IN_THE_MITOCHONDRION
REACTOME_CYTOSOLIC_SULFONYLTRANSFERASES_(SULTS)_IN_THE_CYTOSOL
REACTOME_REGULATION_OF_SIGNALING_BY_NODAL
REACTOME_MECP2_REGULATES_NEURONAL_RECEPTORS_AND_CHANNELS
REACTOME_RHO_GTPASES_ACTIVATE_PKNS
REACTOME_RHO_GTPASES_ACTIVATE_ROCKS
REACTOME_SEMA4D_INDUCED_CELL_MIGRATION_AND_GROWTH_CONE_COLLAPSE
REACTOME_SIGNALING_BY_NODAL
REACTOME_RHO_GTPASES_ACTIVATE_PAKS
REACTOME_TRPV_CHANNELS
REACTOME_AMINO_ACID_TRANSPORT_ACROSS_THE_PLASMA_MEMBRANE
REACTOME_LYSOSOME_VESICLE_BIOGENESIS
REACTOME_O-LINKED_GLYCOSYLATION_OF_MUCINS
REACTOME_TRANS-GOLGI_NETWORK_VESICLE_BUDDING
REACTOME_TRANSPORT_OF_INORGANIC_CATIONS_/_ANIONS_AND_AMINO_ACIDS_OLIG
REACTOME_STIMULI-SENSING_CHANNELS
REACTOME_SYNTHESIS_OF_PIPS_AT_THE_PLASMA_MEMBRANE
REACTOME_RHO_GTPASE_CYCLE
Pvalue(-log10)
15
10
5
0