```
GSE2770_IL4_ACT_VS_ACT_CD4_TCELL_2H_UP, GSE2770_IL4_ACT_VS_ACT_CD4_TCELL_2H_UP
                                                                                                             GSE2770_TGFB_AND_IL4_VS_IL12_TREATED_ACT_CD4_TCELL_6H_DN, GSE2770_TGFB_AND_IL4_VS_IL12_TREATED_ACT_CD4_TCELL_6H_DN
                                                                                                             GSE42088_UNINF_VS_LEISHMANIA_INF_DC_4H_UP, GSE42088_UNINF_VS_LEISHMANIA_INF_DC_4H_UP
                                                                                                             GSE27859_CD11C_INT_F480_HI_MACROPHAGE_VS_CD11C_ING_F480_INT_DC_UP, GSE27859_CD11C_INT_F480_HI_MACROPHAGE_VS_CD11C_ING_F480_INT_DC_UP
                                                                                                             GSE5589 IL6 KO VS IL10 KO LPS AND IL10 STIM MACROPHAGE 180MIN UP, GSE5589 IL6 KO VS IL10 KO LPS AND IL10 STIM MACROPHAGE 180MIN UP
                                                                                                             GSE19401 UNSTIM VS RETINOIC ACID AND PAM2CSK4 STIM FOLLICULAR DC UP, GSE19401 UNSTIM VS RETINOIC ACID AND PAM2CSK4 STIM FOLLICULAR DC UP
                                                                                                             GSE9037_CTRL_VS_LPS_4H_STIM_BMDM_UP, GSE9037_CTRL_VS_LPS_4H_STIM_BMDM_UP
                                                                                                             GSE21670_IL6_VS_TGFB_AND_IL6_TREATED_STAT3_KO_CD4_TCELL_DN, GSE21670_IL6_VS_TGFB_AND_IL6_TREATED_STAT3_KO_CD4_TCELL_DN
                                                                                                             GSE42021_CD24HI_VS_CD24LOW_TCONV_THYMUS_UP, GSE42021_CD24HI_VS_CD24LOW_TCONV_THYMUS_UP
                                                                                                             GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_BLUE_UP, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_BLUE_UP
                                                                                                             GSE20152 SPHK1_KO_VS_HTNFA_OVEREXPRESS_ANKLE_UP, GSE20152_SPHK1_KO_VS_HTNFA_OVEREXPRESS_ANKLE_UP
                                                                                                             GSE46606_IRF4_KO_VS_WT_CD40L_IL2_IL5_3DAY_STIMULATED_BCELL_UP, GSE46606_IRF4_KO_VS_WT_CD40L_IL2_IL5_3DAY_STIMULATED_BCELL_UP
                                                                                                             GSE21360_NAIVE_VS_TERTIARY_MEMORY_CD8_TCELL_UP, GSE21360_NAIVE_VS_TERTIARY_MEMORY_CD8_TCELL_UP
                                                                                                             TRAVAGLINI_LUNG_CAPILLARY_INTERMEDIATE_1_CELL, TRAVAGLINI_LUNG_CAPILLARY_INTERMEDIATE_1_CELL
                                                                                                             GSE32128_INOS_DEPENDENT_VS_INOS_INDEPENDENT_ACTIVATED_TCELL_DN, GSE32128_INOS_DEPENDENT_VS_INOS_INDEPENDENT_ACTIVATED_TCELL_DN
                                                                                                              UEDA_PERIFERAL_CLOCK, UEDA_PERIFERAL_CLOCK
                                                                                                             GSE21379_WT_VS_SAP_KO_CD4_TCELL_UP, GSE21379_WT_VS_SAP_KO_CD4_TCELL_UP
                                                                                                             MIR6830_5P, MIR6830_5P
                                                                                                             HP_ABNORMALITY_OF_THE_LARYNX, HP_ABNORMALITY_OF_THE_LARYNX
                                                                                                             GSE6259_FLT3L_INDUCED_33D1_POS_DC_VS_CD8_TCELL_DN, GSE6259_FLT3L_INDUCED_33D1_POS_DC_VS_CD8_TCELL_DN
                                                                                                             GOCC_VACUOLAR_LUMEN, GOCC_VACUOLAR_LUMEN
                                                                                                             QUINTENS_EMBRYONIC_BRAIN_RESPONSE_TO_IR, QUINTENS_EMBRYONIC_BRAIN_RESPONSE_TO_IR
                                                                                                             HP_ABNORMAL_NEURON_MORPHOLOGY, HP_ABNORMAL_NEURON_MORPHOLOGY
                                                                                                             COULOUARN_TEMPORAL_TGFB1_SIGNATURE_DN, COULOUARN_TEMPORAL_TGFB1_SIGNATURE_DN
                                                                                                             PANGAS_TUMOR_SUPPRESSION_BY_SMAD1_AND_SMAD5_DN, PANGAS_TUMOR_SUPPRESSION_BY_SMAD1_AND_SMAD5_DN
                                                                                                             GUO_TARGETS_OF_IRS1_AND_IRS2, GUO_TARGETS_OF_IRS1_AND_IRS2
                                                                                                             GOBP_CHAPERONE_MEDIATED_PROTEIN_FOLDING, GOBP_CHAPERONE_MEDIATED_PROTEIN_FOLDING
                                                                                                             HP_MOTOR_NEURON_ATROPHY, HP_MOTOR_NEURON_ATROPHY
                                                                                                             REACTOME BIOSYNTHESIS OF THE N GLYCAN PRECURSOR DOLICHOL LIPID LINKED OLIGOSACCHARIDE LLO AND TRANSFER TO A NASCENT PROTEIN, REACTOME BIOSYNTHESIS OF THE N GLYCAN PRECURSOR DOLICHOL LIPID LINKED OLIGOSACCHARIDE LLO AND TRANSFER TO A NASCENT PROTEIN
                                                                                                             XU_GH1_AUTOCRINE_TARGETS_DN, XU_GH1_AUTOCRINE_TARGETS_DN
                                                                                                             GNF2_CBFB, GNF2_CBFB
                                                                                                             GSE15330_HSC_VS_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_IKAROS_KO_DN, GSE15330_HSC_VS_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_IKAROS_KO_DN
                                                                                                             KEGG_GAP_JUNCTION, KEGG_GAP_JUNCTION
                                                                                                             REACTOME_L1CAM_INTERACTIONS, REACTOME_L1CAM_INTERACTIONS
                                                                                                             KEGG_AMINO_SUGAR_AND_NUCLEOTIDE_SUGAR_METABOLISM, KEGG_AMINO_SUGAR_AND_NUCLEOTIDE_SUGAR_METABOLISM
                                                                                                             HP_ARTERIAL_STENOSIS, HP_ARTERIAL_STENOSIS
                                                                                                             ZHAN_V2_LATE_DIFFERENTIATION_GENES, ZHAN_V2_LATE_DIFFERENTIATION_GENES
                                                                                                             GOMF_ATPASE_REGULATOR_ACTIVITY, GOMF_ATPASE_REGULATOR_ACTIVITY
                                                                                                             REACTOME_ACTIVATION_OF_NMDA_RECEPTORS_AND_POSTSYNAPTIC_EVENTS, REACTOME_ACTIVATION_OF_NMDA_RECEPTORS_AND_POSTSYNAPTIC_EVENTS
                                                                                                             HP_ARTERIOSCLEROSIS, HP_ARTERIOSCLEROSIS
                                                                                                             HP_ABNORMALITY_OF_HEAD_BLOOD_VESSEL, HP_ABNORMALITY_OF_HEAD_BLOOD_VESSEL
                                                                                                             GOBP_CHAPERONE_COFACTOR_DEPENDENT_PROTEIN_REFOLDING, GOBP_CHAPERONE_COFACTOR_DEPENDENT_PROTEIN_REFOLDING
                                                                                                             GOMF_EXOGENOUS_PROTEIN_BINDING, GOMF_EXOGENOUS_PROTEIN_BINDING
                                                                                                             MIR203A_5P, MIR203A_5P
                                                                                                             GOMF PROTEIN SELF ASSOCIATION, GOMF PROTEIN SELF ASSOCIATION
                                                                                                             GOBP NUCLEOTIDE SUGAR METABOLIC PROCESS, GOBP NUCLEOTIDE SUGAR METABOLIC PROCESS
                                                                                                             REACTOME_SYNTHESIS_OF_SUBSTRATES_IN_N_GLYCAN_BIOSYTHESIS, REACTOME_SYNTHESIS_OF_SUBSTRATES_IN_N_GLYCAN_BIOSYTHESIS
                                                                                                             GOBP_STEROL_METABOLIC_PROCESS, GOBP_STEROL_METABOLIC_PROCESS
                                                                                                             BANDRES_RESPONSE_TO_CARMUSTIN_MGMT_48HR_DN, BANDRES_RESPONSE_TO_CARMUSTIN_MGMT_48HR_DN
                                                                                                             GOMF PROTEIN SERINE THREONINE TYROSINE KINASE ACTIVITY, GOMF PROTEIN SERINE THREONINE TYROSINE KINASE ACTIVITY
                                                                                                             HP_DYSPHASIA, HP_DYSPHASIA
                                                                                                            LINDSTEDT_DENDRITIC_CELL_MATURATION_C, LINDSTEDT_DENDRITIC_CELL_MATURATION_C
                                                                                                             HP_ABNORMAL_RETINAL_ARTERY_MORPHOLOGY, HP_ABNORMAL_RETINAL_ARTERY_MORPHOLOGY
                                                                                                            REACTOME_MAP3K8_TPL2_DEPENDENT_MAPK1_3_ACTIVATION, REACTOME_MAP3K8_TPL2_DEPENDENT_MAPK1_3_ACTIVATION
                                                                                                             GOMF_EXODEOXYRIBONUCLEASE_ACTIVITY, GOMF_EXODEOXYRIBONUCLEASE_ACTIVITY
                                                                                                             REACTOME_ASSEMBLY_AND_CELL_SURFACE_PRESENTATION_OF_NMDA_RECEPTORS, REACTOME_ASSEMBLY_AND_CELL_SURFACE_PRESENTATION_OF_NMDA_RECEPTORS
                                                                                                             GOBP_INTRACELLULAR_LIPID_TRANSPORT, GOBP_INTRACELLULAR_LIPID_TRANSPORT
                                                                                                             GROSS_HYPOXIA_VIA_ELK3_ONLY_DN, GROSS_HYPOXIA_VIA_ELK3_ONLY_DN
                                                                                                            HP_ABNORMALITY_OF_THE_ACETABULUM, HP_ABNORMALITY_OF_THE_ACETABULUM
                                                                                                             HP_AXONAL_LOSS, HP_AXONAL_LOSS
                                                                                                             GOMF_UDP_GLYCOSYLTRANSFERASE_ACTIVITY, GOMF_UDP_GLYCOSYLTRANSFERASE_ACTIVITY
                                                                                                             REACTOME_CARBOXYTERMINAL_POST_TRANSLATIONAL_MODIFICATIONS_OF_TUBULIN, REACTOME_CARBOXYTERMINAL_POST_TRANSLATIONAL_MODIFICATIONS_OF_TUBULIN
                                                                                                             GOBP_MYELOID_CELL_DEVELOPMENT, GOBP_MYELOID_CELL_DEVELOPMENT
                                                                                                             BURTON_ADIPOGENESIS_10, BURTON_ADIPOGENESIS_10
                                                                                                             GOCC_PERICENTRIOLAR_MATERIAL, GOCC_PERICENTRIOLAR_MATERIAL
                                                                                                            GENTILE_UV_LOW_DOSE_UP, GENTILE_UV_LOW_DOSE_UP
                                                                                                             WANG_RECURRENT_LIVER_CANCER_UP, WANG_RECURRENT_LIVER_CANCER_UP
                                                                                                            BOYLAN_MULTIPLE_MYELOMA_PCA3_DN, BOYLAN_MULTIPLE_MYELOMA_PCA3_DN
                                                                                                            HP_ABNORMAL_CORONARY_ARTERY_MORPHOLOGY, HP_ABNORMAL_CORONARY_ARTERY_MORPHOLOGY
                                                                                                             GOBP_HISTONE_MONOUBIQUITINATION, GOBP_HISTONE_MONOUBIQUITINATION
                                                                                                             HP_CORONARY_ARTERY_ATHEROSCLEROSIS, HP_CORONARY_ARTERY_ATHEROSCLEROSIS
                                                                                                             HP_ABNORMALITY_OF_THE_ILIUM, HP_ABNORMALITY_OF_THE_ILIUM
                                                                                                             HP_EMG_MYOPATHIC_ABNORMALITIES, HP_EMG_MYOPATHIC_ABNORMALITIES
                                                                                                             MIR5591 5P, MIR5591 5P
                                                                                                             GOBP_PEROXISOMAL_MEMBRANE_TRANSPORT, GOBP_PEROXISOMAL_MEMBRANE_TRANSPORT
                                                                                                             REACTOME_SEALING_OF_THE_NUCLEAR_ENVELOPE_NE_BY_ESCRT_III, REACTOME_SEALING_OF_THE_NUCLEAR_ENVELOPE_NE_BY_ESCRT_III
                                                                                                            GOBP_NUCLEOTIDE_SUGAR_BIOSYNTHETIC_PROCESS, GOBP_NUCLEOTIDE_SUGAR_BIOSYNTHETIC_PROCESS
                                                                                                             PLASARI_TGFB1_SIGNALING_VIA_NFIC_1HR_UP, PLASARI_TGFB1_SIGNALING_VIA_NFIC_1HR_UP
                                                                                                            HP_ABNORMAL_LARYNX_PHYSIOLOGY, HP_ABNORMAL_LARYNX_PHYSIOLOGY
                                                                                                             GOBP_VITAMIN_TRANSPORT, GOBP_VITAMIN_TRANSPORT
                                                                                                             HP_ABNORMAL_MIDDLE_PHALANX_MORPHOLOGY_OF_THE_HAND, HP_ABNORMAL_MIDDLE_PHALANX_MORPHOLOGY_OF_THE_HAND
                                                                                                             HP_SHALLOW_ORBITS, HP_SHALLOW_ORBITS
                                                                                                            HP_CHERRY_RED_SPOT_OF_THE_MACULA, HP_CHERRY_RED_SPOT_OF_THE_MACULA
                                                                                                             GOBP_REGULATION_OF_SODIUM_ION_TRANSMEMBRANE_TRANSPORT, GOBP_REGULATION_OF_SODIUM_ION_TRANSMEMBRANE_TRANSPORT
                                                                                                             COATES_MACROPHAGE_M1_VS_M2_DN, COATES_MACROPHAGE_M1_VS_M2_DN
                                                                                                             HP_AXONAL_DEGENERATION, HP_AXONAL_DEGENERATION
                                                                                                             REACTOME_G_PROTEIN_MEDIATED_EVENTS, REACTOME_G_PROTEIN_MEDIATED_EVENTS
                                                                                                             GOCC_MITOTIC_SPINDLE_MICROTUBULE, GOCC_MITOTIC_SPINDLE_MICROTUBULE
                                                                                                             WP_PROTEOGLYCAN_BIOSYNTHESIS, WP_PROTEOGLYCAN_BIOSYNTHESIS
                                                                                                            REACTOME_RHO_GTPASES_ACTIVATE_IQGAPS, REACTOME_RHO_GTPASES_ACTIVATE_IQGAPS
                                                                                                            HP_GENERALIZED_NEONATAL_HYPOTONIA, HP_GENERALIZED_NEONATAL_HYPOTONIA
                                                                                                            GOMF_ADENYL_NUCLEOTIDE_EXCHANGE_FACTOR_ACTIVITY, GOMF_ADENYL_NUCLEOTIDE_EXCHANGE_FACTOR_ACTIVITY
                                                                                                            GAUCHER_PBMC_YF_VAX_STAMARIL_UNKNOWN_AGE_60DY_DN, GAUCHER_PBMC_YF_VAX_STAMARIL_UNKNOWN_AGE_60DY_DN
                                                                                                            GOBP_GLUCOSE_6_PHOSPHATE_METABOLIC_PROCESS, GOBP_GLUCOSE_6_PHOSPHATE_METABOLIC_PROCESS
                                                                                                            HP_ABNORMAL_ANTERIOR_HORN_CELL_MORPHOLOGY, HP_ABNORMAL_ANTERIOR_HORN_CELL_MORPHOLOGY
                                                                                                            GOBP_FATTY_ACID_BETA_OXIDATION_USING_ACYL_COA_OXIDASE, GOBP_FATTY_ACID_BETA_OXIDATION_USING_ACYL_COA_OXIDASE
                                                                                                             BOYLAN_MULTIPLE_MYELOMA_C_CLUSTER_DN, BOYLAN_MULTIPLE_MYELOMA_C_CLUSTER_DN
                                                                                                            NOJIMA_SFRP2_TARGETS_UP, NOJIMA_SFRP2_TARGETS_UP
                                                                                                            REACTOME_CA_DEPENDENT_EVENTS, REACTOME_CA_DEPENDENT_EVENTS
                                                                                                            GOMF_VITAMIN_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_VITAMIN_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                             BIOCARTA_CSK_PATHWAY, BIOCARTA_CSK_PATHWAY
                                                                                                            GOBP_REGULATION_OF_SODIUM_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOBP_REGULATION_OF_SODIUM_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                             RUAN_RESPONSE_TO_TROGLITAZONE_UP, RUAN_RESPONSE_TO_TROGLITAZONE_UP
                                                                                                            GOBP_REGULATION_OF_STEROID_METABOLIC_PROCESS, GOBP_REGULATION_OF_STEROID_METABOLIC_PROCESS
                                                                                                            REACTOME_POST_CHAPERONIN_TUBULIN_FOLDING_PATHWAY, REACTOME_POST_CHAPERONIN_TUBULIN_FOLDING_PATHWAY
                                                                                                            GOBP_RENAL_SYSTEM_PROCESS, GOBP_RENAL_SYSTEM_PROCESS
                                                                                                            GOBP_HEPARAN_SULFATE_PROTEOGLYCAN_METABOLIC_PROCESS, GOBP_HEPARAN_SULFATE_PROTEOGLYCAN_METABOLIC_PROCESS
                                                                                                            GOBP_SIGNAL_TRANSDUCTION_IN_ABSENCE_OF_LIGAND, GOBP_SIGNAL_TRANSDUCTION_IN_ABSENCE_OF_LIGAND
                                                                                                            GOBP_NEGATIVE_REGULATION_OF_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION, GOBP_NEGATIVE_REGULATION_OF_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION
                                                                                                            REACTOME_DAG_AND_IP3_SIGNALING, REACTOME_DAG_AND_IP3_SIGNALING
                                                                                                             REACTOME_ACTIVATION_OF_AMPK_DOWNSTREAM_OF_NMDARS, REACTOME_ACTIVATION_OF_AMPK_DOWNSTREAM_OF_NMDARS
                                                                                                            FAN_EMBRYONIC_CTX_ASTROCYTE_1, FAN_EMBRYONIC_CTX_ASTROCYTE_1
                                                                                                            REACTOME_KERATAN_SULFATE_KERATIN_METABOLISM, REACTOME_KERATAN_SULFATE_KERATIN_METABOLISM
                                                                                                             REACTOME_TRANSPORT_OF_CONNEXONS_TO_THE_PLASMA_MEMBRANE, REACTOME_TRANSPORT_OF_CONNEXONS_TO_THE_PLASMA_MEMBRANE
                                                                                                             DURANTE ADULT OLFACTORY NEUROEPITHELIUM GLOBOSE BASAL CELLS, DURANTE ADULT OLFACTORY NEUROEPITHELIUM GLOBOSE BASAL CELLS
                                                                                                             GOMF_STEROL_BINDING, GOMF_STEROL_BINDING
                                                                                                             GOMF_ALCOHOL_BINDING, GOMF_ALCOHOL_BINDING
                                                                                                             GHO_ATF5_TARGETS_DN, GHO_ATF5_TARGETS_DN
                                                                                                             GOBP_POSITIVE_REGULATION_OF_OSTEOCLAST_DIFFERENTIATION, GOBP_POSITIVE_REGULATION_OF_OSTEOCLAST_DIFFERENTIATION
                                                                                                             GOBP_GLUCOSAMINE_CONTAINING_COMPOUND_METABOLIC_PROCESS, GOBP_GLUCOSAMINE_CONTAINING_COMPOUND_METABOLIC_PROCESS
                                                                                                             HP_ABNORMALITY_OF_THE_ODONTOID_PROCESS, HP_ABNORMALITY_OF_THE_ODONTOID_PROCESS
                                                                                                             GOBP_KERATAN_SULFATE_METABOLIC_PROCESS, GOBP_KERATAN_SULFATE_METABOLIC_PROCESS
                                                                                                             OLSSON_E2F3_TARGETS_UP, OLSSON_E2F3_TARGETS_UP
                                                                                                            HP_CARDIOVASCULAR_CALCIFICATION, HP_CARDIOVASCULAR_CALCIFICATION
                                                                                                             BANDRES_RESPONSE_TO_CARMUSTIN_WITHOUT_MGMT_48HR_DN, BANDRES_RESPONSE_TO_CARMUSTIN_WITHOUT_MGMT_48HR_DN
                                                                                                             GOBP_STEROID_CATABOLIC_PROCESS, GOBP_STEROID_CATABOLIC_PROCESS
                                                                                                             GOBP_MODIFIED_AMINO_ACID_TRANSPORT, GOBP_MODIFIED_AMINO_ACID_TRANSPORT
                                                                                                             REACTOME_DISEASES_OF_CARBOHYDRATE_METABOLISM, REACTOME_DISEASES_OF_CARBOHYDRATE_METABOLISM
                                                                                                             GOBP_CHAPERONE_MEDIATED_AUTOPHAGY, GOBP_CHAPERONE_MEDIATED_AUTOPHAGY
                                                                                                            GOBP_POSITIVE_REGULATION_OF_TUMOR_NECROSIS_FACTOR_MEDIATED_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_TUMOR_NECROSIS_FACTOR_MEDIATED_SIGNALING_PATHWAY
                                                                                                             DURANTE_ADULT_OLFACTORY_NEUROEPITHELIUM_OLFACTORY_MICROVILLAR_CELLS, DURANTE_ADULT_OLFACTORY_NEUROEPITHELIUM_OLFACTORY_MICROVILLAR_CELLS
                                                                                                             KEGG_GLYCOSAMINOGLYCAN_BIOSYNTHESIS_HEPARAN_SULFATE, KEGG_GLYCOSAMINOGLYCAN_BIOSYNTHESIS_HEPARAN_SULFATE
                                                                                                             WP_ATR_SIGNALING, WP_ATR_SIGNALING
                                                                                                            WP_CHOLESTEROL_BIOSYNTHESIS_PATHWAY, WP_CHOLESTEROL_BIOSYNTHESIS_PATHWAY
                                                                                                             GOCC_HAUS_COMPLEX, GOCC_HAUS_COMPLEX
                                                                                                            ZHANG_GATA6_TARGETS_DN, ZHANG_GATA6_TARGETS_DN
                                                                                                             EGFR_TARGET_GENES, EGFR_TARGET_GENES
                                                                                                             HP_SHORT_MIDDLE_PHALANX_OF_FINGER, HP_SHORT_MIDDLE_PHALANX_OF_FINGER
                                                                                                             KEGG_ANTIGEN_PROCESSING_AND_PRESENTATION, KEGG_ANTIGEN_PROCESSING_AND_PRESENTATION
                                                                                                            HP_APLASIA_HYPOPLASIA_OF_THE_PHALANGES_OF_THE_TOES, HP_APLASIA_HYPOPLASIA_OF_THE_PHALANGES_OF_THE_TOES
                                                                                                             GOBP_HORMONE_BIOSYNTHETIC_PROCESS, GOBP_HORMONE_BIOSYNTHETIC_PROCESS
                                                                                                             GOBP_NEGATIVE_REGULATION_OF_TRANSCRIPTION_FROM_RNA_POLYMERASE_II_PROMOTER_IN_RESPONSE_TO_STRESS, GOBP_NEGATIVE_REGULATION_OF_TRANSCRIPTION_FROM_RNA_POLYMERASE_II_PROMOTER_IN_RESPONSE_TO_STRESS
                                                                                                             GOBP_DOPAMINE_RECEPTOR_SIGNALING_PATHWAY, GOBP_DOPAMINE_RECEPTOR_SIGNALING_PATHWAY
                                                                                                             HP_ABNORMAL_LIVER_PHYSIOLOGY, HP_ABNORMAL_LIVER_PHYSIOLOGY
                                                                                                            HP_HYPOPLASIA_OF_THE_ODONTOID_PROCESS, HP_HYPOPLASIA_OF_THE_ODONTOID_PROCESS
                                                                                                             HP_FOAM_CELLS, HP_FOAM_CELLS
                                                                                                             HP_DEFORMED_SELLA_TURCICA, HP_DEFORMED_SELLA_TURCICA
                                                                                                             HP_VENTRICULAR_TACHYCARDIA, HP_VENTRICULAR_TACHYCARDIA
                                                                                                             GOBP_BONE_CELL_DEVELOPMENT, GOBP_BONE_CELL_DEVELOPMENT
                                                                                                             HP_ABNORMAL_LUMBAR_SPINE_MORPHOLOGY, HP_ABNORMAL_LUMBAR_SPINE_MORPHOLOGY
                                                                                                             LIU_LIVER_CANCER, LIU_LIVER_CANCER
                                                                                                             HP_SMALL_EARLOBE, HP_SMALL_EARLOBE
                                                                                                             HP_ABSENT_EPIPHYSES, HP_ABSENT_EPIPHYSES
                                                                                                             GOBP_GALACTOSE_CATABOLIC_PROCESS, GOBP_GALACTOSE_CATABOLIC_PROCESS
                                                                                                             GOBP_REGULATION_OF_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_2_SIGNALING_PATHWAY, GOBP_REGULATION_OF_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_2_SIGNALING_PATHWAY
                                                                                                             HASLINGER_B_CLL_WITH_13Q14_DELETION, HASLINGER_B_CLL_WITH_13Q14_DELETION
                                                                                                             GOMF_APOLIPOPROTEIN_BINDING, GOMF_APOLIPOPROTEIN_BINDING
                                                                                                             GAUSSMANN_MLL_AF4_FUSION_TARGETS_G_DN, GAUSSMANN_MLL_AF4_FUSION_TARGETS_G_DN
                                                                                                             REACTOME_SYNTHESIS_OF_PA, REACTOME_SYNTHESIS_OF_PA
                                                                                                             JACKSON_DNMT1_TARGETS_DN, JACKSON_DNMT1_TARGETS_DN
                                                                                                             GOBP_PHOSPHATIDIC_ACID_METABOLIC_PROCESS, GOBP_PHOSPHATIDIC_ACID_METABOLIC_PROCESS
                                                                                                             HU_FETAL_RETINA_HORIZONTAL, HU_FETAL_RETINA_HORIZONTAL
                                                                                                             GOBP_TRACHEA_MORPHOGENESIS, GOBP_TRACHEA_MORPHOGENESIS
                                                                                                             PRC2_SUZ12_UP.V1_DN, PRC2_SUZ12_UP.V1_DN
                                                                                                            GOBP_REGULATION_OF_PROTEIN_KINASE_C_ACTIVITY, GOBP_REGULATION_OF_PROTEIN_KINASE_C_ACTIVITY
                                                                                                             GOBP_STEROL_HOMEOSTASIS, GOBP_STEROL_HOMEOSTASIS
                                                                                                            GOBP_HEPARAN_SULFATE_PROTEOGLYCAN_BIOSYNTHETIC_PROCESS, GOBP_HEPARAN_SULFATE_PROTEOGLYCAN_BIOSYNTHETIC_PROCESS
                                                                                                            WP_DEGRADATION_PATHWAY_OF_SPHINGOLIPIDS_INCLUDING_DISEASES, WP_DEGRADATION_PATHWAY_OF_SPHINGOLIPIDS_INCLUDING_DISEASES
                                                                                                             GOBP_STEROL_TRANSPORT, GOBP_STEROL_TRANSPORT
                                                                                                            LEE AGING MUSCLE DN, LEE AGING MUSCLE DN
                                                                                                             GOMF_G_PROTEIN_BETA_GAMMA_SUBUNIT_COMPLEX_BINDING, GOMF_G_PROTEIN_BETA_GAMMA_SUBUNIT_COMPLEX_BINDING
                                                                                                             HP_ANGIOID_STREAKS_OF_THE_FUNDUS, HP_ANGIOID_STREAKS_OF_THE_FUNDUS
                                                                                                             GOBP_G_PROTEIN_COUPLED_RECEPTOR_INTERNALIZATION, GOBP_G_PROTEIN_COUPLED_RECEPTOR_INTERNALIZATION
                                                                                                             GNF2_RTN1, GNF2_RTN1
                                                                                                             REACTOME_GAP_JUNCTION_ASSEMBLY, REACTOME_GAP_JUNCTION_ASSEMBLY
                                                                                                             HP_APLASIA_HYPOPLASIA_OF_THE_CAPITAL_FEMORAL_EPIPHYSIS, HP_APLASIA_HYPOPLASIA_OF_THE_CAPITAL_FEMORAL_EPIPHYSIS
                                                                                                             GOBP_PROTEIN_LIPID_COMPLEX_SUBUNIT_ORGANIZATION, GOBP_PROTEIN_LIPID_COMPLEX_SUBUNIT_ORGANIZATION
                                                                                                             MIR3134, MIR3134
                                                                                                             GOBP_RESPONSE_TO_CATECHOLAMINE, GOBP_RESPONSE_TO_CATECHOLAMINE
                                                                                                             GOMF_N_ACYLSPHINGOSINE_AMIDOHYDROLASE_ACTIVITY, GOMF_N_ACYLSPHINGOSINE_AMIDOHYDROLASE_ACTIVITY
                                                                                                             GOCC_ANCHORED_COMPONENT_OF_POSTSYNAPTIC_MEMBRANE, GOCC_ANCHORED_COMPONENT_OF_POSTSYNAPTIC_MEMBRANE
                                                                                                            REACTOME_GDP_FUCOSE_BIOSYNTHESIS, REACTOME_GDP_FUCOSE_BIOSYNTHESIS
                                                                                                             GOBP_HISTIDINE_CATABOLIC_PROCESS, GOBP_HISTIDINE_CATABOLIC_PROCESS
                                                                                                             REACTOME_HISTIDINE_CATABOLISM, REACTOME_HISTIDINE_CATABOLISM
                                                                                                            HP_AUDITORY_HALLUCINATIONS, HP_AUDITORY_HALLUCINATIONS
                                                                                                            HP_ABSENT_NIPPLE, HP_ABSENT_NIPPLE
                                                                                                             GOBP_POSITIVE_REGULATION_OF_PROTEIN_TYROSINE_KINASE_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_PROTEIN_TYROSINE_KINASE_ACTIVITY
                                                                                                            GOMF_SODIUM_CHANNEL_REGULATOR_ACTIVITY, GOMF_SODIUM_CHANNEL_REGULATOR_ACTIVITY
                                                                                                            GOBP_N_ACETYLGLUCOSAMINE_METABOLIC_PROCESS, GOBP_N_ACETYLGLUCOSAMINE_METABOLIC_PROCESS
                                                                                                             GOBP_MAINTENANCE_OF_APICAL_BASAL_CELL_POLARITY, GOBP_MAINTENANCE_OF_APICAL_BASAL_CELL_POLARITY
                                                                                                             GOBP_REGULATION_OF_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_ABSENCE_OF_LIGAND, GOBP_REGULATION_OF_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_ABSENCE_OF_LIGAND
                                                                                                             GOMF_CHOLESTEROL_BINDING, GOMF_CHOLESTEROL_BINDING
                                                                                                             GOBP EPITHELIAL CELL MATURATION, GOBP EPITHELIAL CELL MATURATION
                                                                                                            / HP_MADELUNG_DEFORMITY, HP_MADELUNG_DEFORMITY
                                                                                                             STANHILL_HRAS_TRANSFROMATION_UP, STANHILL_HRAS_TRANSFROMATION_UP
                                                                                                            HP_GASTRIC_ULCER, HP_GASTRIC_ULCER
                                                                                                            GOMF_UDP_XYLOSYLTRANSFERASE_ACTIVITY, GOMF_UDP_XYLOSYLTRANSFERASE_ACTIVITY
_IL12_TREATED_ACT_CD4_TCELL_2H_DN, GSE2770_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_2H_DN
                                                                                                            - HP_ABNORMAL_POSTURING, HP_ABNORMAL_POSTURING
                                                                                                            GOCC_ATP_BINDING_CASSETTE_ABC_TRANSPORTER_COMPLEX, GOCC_ATP_BINDING_CASSETTE_ABC_TRANSPORTER_COMPLEX
                                                                                                             HP_PERIAURICULAR_SKIN_PITS, HP_PERIAURICULAR_SKIN_PITS
                                                                                                             REACTOME_DEFECTS_IN_VITAMIN_AND_COFACTOR_METABOLISM, REACTOME_DEFECTS_IN_VITAMIN_AND_COFACTOR_METABOLISM
                                                                                                             HP_VENTRICULAR_FIBRILLATION, HP_VENTRICULAR_FIBRILLATION
                                                                                                             PID_REELIN_PATHWAY, PID_REELIN_PATHWAY
                                                                                                             HP_INCREASED_LDL_CHOLESTEROL_CONCENTRATION, HP_INCREASED_LDL_CHOLESTEROL_CONCENTRATION
                                                                                                             HP_THORACOLUMBAR_KYPHOSIS, HP_THORACOLUMBAR_KYPHOSIS
                                                                                                             HP_ABNORMALITY_OF_THE_SELLA_TURCICA, HP_ABNORMALITY_OF_THE_SELLA_TURCICA
                                                                                                            HP_NAIL_DYSTROPHY, HP_NAIL_DYSTROPHY
                                                                                                             WP_METABOLIC_PATHWAY_OF_LDL_HDL_AND_TG_INCLUDING_DISEASES, WP_METABOLIC_PATHWAY_OF_LDL_HDL_AND_TG_INCLUDING_DISEASES
                                                                                                             GOCC_PARANODAL_JUNCTION, GOCC_PARANODAL_JUNCTION
                                                                                                             HP_PERIPHERAL_HYPOMYELINATION, HP_PERIPHERAL_HYPOMYELINATION
                                                                                                             GOMF_O_ACETYLTRANSFERASE_ACTIVITY, GOMF_O_ACETYLTRANSFERASE_ACTIVITY
                                                                                                             MIR6803 5P, MIR6803 5P
                                                                                                            GOCC_INSULIN_RESPONSIVE_COMPARTMENT, GOCC_INSULIN_RESPONSIVE_COMPARTMENT
                                                                                                             GUTIERREZ WALDENSTROEMS MACROGLOBULINEMIA 1 DN, GUTIERREZ WALDENSTROEMS MACROGLOBULINEMIA 1 DN
                                                                                                             GOBP_CONVERGENT_EXTENSION_INVOLVED_IN_GASTRULATION, GOBP_CONVERGENT_EXTENSION_INVOLVED_IN_GASTRULATION
                                                                                                            GOBP_RESPONSE_TO_PHEROMONE, GOBP_RESPONSE_TO_PHEROMONE
                                                                                                             HP_IMPAIRED_NEUTROPHIL_BACTERICIDAL_ACTIVITY, HP_IMPAIRED_NEUTROPHIL_BACTERICIDAL_ACTIVITY
                                                                                                             GOBP_REGULATION_OF_NK_T_CELL_ACTIVATION, GOBP_REGULATION_OF_NK_T_CELL_ACTIVATION
                                                                                                             BIOCARTA_CDC25_PATHWAY, BIOCARTA_CDC25_PATHWAY
                                                                                                            REACTOME_BETA_OXIDATION_OF_PRISTANOYL_COA, REACTOME_BETA_OXIDATION_OF_PRISTANOYL_COA
                                                                                                            HP_SYNOVITIS, HP_SYNOVITIS
                                                                                                             GOBP_RESPONSE_TO_WATER_DEPRIVATION, GOBP_RESPONSE_TO_WATER_DEPRIVATION
                                                                                                             GOBP_POSITIVE_REGULATION_BY_HOST_OF_VIRAL_GENOME_REPLICATION, GOBP_POSITIVE_REGULATION_BY_HOST_OF_VIRAL_GENOME_REPLICATION
                                                                                                             GOMF_N_ACETYLGLUCOSAMINE_6_O_SULFOTRANSFERASE_ACTIVITY, GOMF_N_ACETYLGLUCOSAMINE_6_O_SULFOTRANSFERASE_ACTIVITY
                                                                                                             GOMF_GALACTOSIDE_BINDING, GOMF_GALACTOSIDE_BINDING
                                                                                                             REACTOME_FRUCTOSE_METABOLISM, REACTOME_FRUCTOSE_METABOLISM
                                                                                                             GOCC_ANCHORED_COMPONENT_OF_SYNAPTIC_MEMBRANE, GOCC_ANCHORED_COMPONENT_OF_SYNAPTIC_MEMBRANE
                                                                                                             MEINHOLD_OVARIAN_CANCER_LOW_GRADE_UP, MEINHOLD_OVARIAN_CANCER_LOW_GRADE_UP
                                                                                                             BIOCARTA_CDK5_PATHWAY, BIOCARTA_CDK5_PATHWAY
                                                                                                             GOBP_RESPONSE_TO_PH, GOBP_RESPONSE_TO_PH
                                                                                                             HP_ABNORMAL_LDL_CHOLESTEROL_CONCENTRATION, HP_ABNORMAL_LDL_CHOLESTEROL_CONCENTRATION
                                                                                                             HP_SUPRAVENTRICULAR_TACHYCARDIA, HP_SUPRAVENTRICULAR_TACHYCARDIA
                                                                                                            BERENJENO_TRANSFORMED_BY_RHOA_FOREVER_DN, BERENJENO_TRANSFORMED_BY_RHOA_FOREVER_DN
                                                                                                             ICHIBA_GRAFT_VERSUS_HOST_DISEASE_D7_DN, ICHIBA_GRAFT_VERSUS_HOST_DISEASE_D7_DN
                                                                                                             GOBP_REGULATION_OF_GLUCOCORTICOID_METABOLIC_PROCESS, GOBP_REGULATION_OF_GLUCOCORTICOID_METABOLIC_PROCESS
                                                                                                             GOBP_ENDOTHELIAL_CELL_MORPHOGENESIS, GOBP_ENDOTHELIAL_CELL_MORPHOGENESIS
                                                                                                             WP_SELENIUM_MICRONUTRIENT_NETWORK, WP_SELENIUM_MICRONUTRIENT_NETWORK
                                                                                                             KRISHNAN_FURIN_TARGETS_UP, KRISHNAN_FURIN_TARGETS_UP
                                                                                                             HP_SEA_BLUE_HISTIOCYTOSIS, HP_SEA_BLUE_HISTIOCYTOSIS
                                                                                                             GOBP_PROTEIN_O_LINKED_FUCOSYLATION, GOBP_PROTEIN_O_LINKED_FUCOSYLATION
                                                                                                             GOBP_CLATHRIN_COAT_DISASSEMBLY, GOBP_CLATHRIN_COAT_DISASSEMBLY
                                                                                                             GOBP_NEGATIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_MICROTUBULE, GOBP_NEGATIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_MICROTUBULE
                                                                                                             GOMF_GALACTOSIDASE_ACTIVITY, GOMF_GALACTOSIDASE_ACTIVITY
                                                                                                             GOBP_REGULATION_OF_GLUCOCORTICOID_BIOSYNTHETIC_PROCESS, GOBP_REGULATION_OF_GLUCOCORTICOID_BIOSYNTHETIC_PROCESS
                                                                                                             BIOCARTA_PLK3_PATHWAY, BIOCARTA_PLK3_PATHWAY
                                                                                                            GOBP_POSITIVE_REGULATION_OF_NEURON_PROJECTION_ARBORIZATION, GOBP_POSITIVE_REGULATION_OF_NEURON_PROJECTION_ARBORIZATION
                                                                                                             HP_ABNORMAL_DLCO, HP_ABNORMAL_DLCO
                                                                                                             GOBP_RESPIRATORY_BURST_INVOLVED_IN_DEFENSE_RESPONSE, GOBP_RESPIRATORY_BURST_INVOLVED_IN_DEFENSE_RESPONSE
                                                                                                             GOBP_GLUCOCORTICOID_METABOLIC_PROCESS, GOBP_GLUCOCORTICOID_METABOLIC_PROCESS
                                                                                                             GOBP_TERTIARY_ALCOHOL_METABOLIC_PROCESS, GOBP_TERTIARY_ALCOHOL_METABOLIC_PROCESS
                                                                                                             GOBP_CHOLESTEROL_STORAGE, GOBP_CHOLESTEROL_STORAGE
                                                                                                             LAMB_CCND1_TARGETS, LAMB_CCND1_TARGETS
                                                                                                             BOYAULT_LIVER_CANCER_SUBCLASS_G23_DN, BOYAULT_LIVER_CANCER_SUBCLASS_G23_DN
                                                                                                            GOBP_CEREBROSPINAL_FLUID_CIRCULATION, GOBP_CEREBROSPINAL_FLUID_CIRCULATION
                                                                                                             GOBP_DESMOSOME_ORGANIZATION, GOBP_DESMOSOME_ORGANIZATION
                                                                                                             GOBP_REGULATION_OF_STEROID_HORMONE_BIOSYNTHETIC_PROCESS, GOBP_REGULATION_OF_STEROID_HORMONE_BIOSYNTHETIC_PROCESS
                                                                                                             HAY_BONE_MARROW_CD34_POS_ERP_EARLY, HAY_BONE_MARROW_CD34_POS_ERP_EARLY
                                                                                                             GOBP_VESICLE_UNCOATING, GOBP_VESICLE_UNCOATING
                                                                                                             GOBP_ADAPTATION_OF_SIGNALING_PATHWAY, GOBP_ADAPTATION_OF_SIGNALING_PATHWAY
                                                                                                             STEGER_ADIPOGENESIS_UP, STEGER_ADIPOGENESIS_UP
                                                                                                             GOBP_NEGATIVE_REGULATION_OF_SIGNAL_TRANSDUCTION_IN_ABSENCE_OF_LIGAND, GOBP_NEGATIVE_REGULATION_OF_SIGNAL_TRANSDUCTION_IN_ABSENCE_OF_LIGAND
                                                                                                             HP_ST_SEGMENT_ELEVATION, HP_ST_SEGMENT_ELEVATION
                                                                                                            HP_SHORT_DISTAL_PHALANX_OF_TOE, HP_SHORT_DISTAL_PHALANX_OF_TOE
                                                                                                             HP_ABNORMAL_CARDIOMYOCYTE_MORPHOLOGY, HP_ABNORMAL_CARDIOMYOCYTE_MORPHOLOGY
                                                                                                             HP_PECTUS_EXCAVATUM_OF_INFERIOR_STERNUM, HP_PECTUS_EXCAVATUM_OF_INFERIOR_STERNUM
                                                                                                             HP_DECREASED_PALMAR_CREASES, HP_DECREASED_PALMAR_CREASES
                                                                                                             GOBP_NEGATIVE_REGULATION_OF_GOLGI_TO_PLASMA_MEMBRANE_PROTEIN_TRANSPORT, GOBP_NEGATIVE_REGULATION_OF_GOLGI_TO_PLASMA_MEMBRANE_PROTEIN_TRANSPORT
                                                                                                             GOBP_MICROTUBULE_NUCLEATION_BY_MICROTUBULE_ORGANIZING_CENTER, GOBP_MICROTUBULE_NUCLEATION_BY_MICROTUBULE_ORGANIZING_CENTER
                                                                                                             GOBP_DEFINITIVE_ERYTHROCYTE_DIFFERENTIATION, GOBP_DEFINITIVE_ERYTHROCYTE_DIFFERENTIATION
                                                                                                             GOBP_POSITIVE_REGULATION_OF_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_2_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_2_SIGNALING_PATHWAY
                                                                                                             GOCC_CHECKPOINT_CLAMP_COMPLEX, GOCC_CHECKPOINT_CLAMP_COMPLEX
                                                                                                             JONES_TCOF1_TARGETS, JONES_TCOF1_TARGETS
                                                                                                             GOBP_ATRIOVENTRICULAR_VALVE_FORMATION, GOBP_ATRIOVENTRICULAR_VALVE_FORMATION
                                                                                                             GOMF_RETINAL_DEHYDROGENASE_ACTIVITY, GOMF_RETINAL_DEHYDROGENASE_ACTIVITY
                                                                                                            GOBP_CHEMICAL_HOMEOSTASIS_WITHIN_A_TISSUE, GOBP_CHEMICAL_HOMEOSTASIS_WITHIN_A_TISSUE
                                                                                                             GOBP_GAMMA_AMINOBUTYRIC_ACID_TRANSPORT, GOBP_GAMMA_AMINOBUTYRIC_ACID_TRANSPORT
                                                                                                             REACTOME_KERATAN_SULFATE_DEGRADATION, REACTOME_KERATAN_SULFATE_DEGRADATION
                                                                                                            ZNF791_TARGET_GENES, ZNF791_TARGET_GENES
                                                                                                            HP_ASYMMETRY_OF_THE_THORAX, HP_ASYMMETRY_OF_THE_THORAX
                                                                                                             WONG_ENDOMETRIAL_CANCER_LATE, WONG_ENDOMETRIAL_CANCER_LATE
                                                                                                            GOBP_CELLULAR_TRIVALENT_INORGANIC_ANION_HOMEOSTASIS, GOBP_CELLULAR_TRIVALENT_INORGANIC_ANION_HOMEOSTASIS
                                                                                                             REACTOME_CHL1_INTERACTIONS, REACTOME_CHL1_INTERACTIONS
                                                                                                             GOBP_BONE_TRABECULA_FORMATION, GOBP_BONE_TRABECULA_FORMATION
                                                                                                             GOMF_CORECEPTOR_ACTIVITY_INVOLVED_IN_WNT_SIGNALING_PATHWAY, GOMF_CORECEPTOR_ACTIVITY_INVOLVED_IN_WNT_SIGNALING_PATHWAY
                                                                                                            MIR4787_5P, MIR4787_5P
                                                                                                            HP_DELIRIUM, HP_DELIRIUM
                                                                                                            HP_ACCELERATED_ATHEROSCLEROSIS, HP_ACCELERATED_ATHEROSCLEROSIS
                                                                                                            GOMF_IMPORTIN_ALPHA_FAMILY_PROTEIN_BINDING, GOMF_IMPORTIN_ALPHA_FAMILY_PROTEIN_BINDING
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GOBP_KERATAN_SULFATE_CATABOLIC_PROCESS, GOBP_KERATAN_SULFATE_CATABOLIC_PROCESS
GOMF_G_PROTEIN_COUPLED_GLUTAMATE_RECEPTOR_BINDING, GOMF_G_PROTEIN_COUPLED_GLUTAMATE_RECEPTOR_BINDING
HP_SHORTENING_OF_ALL_PHALANGES_OF_THE_TOES, HP_SHORTENING_OF_ALL_PHALANGES_OF_THE_TOES
GOCC_DENTATE_GYRUS_MOSSY_FIBER, GOCC_DENTATE_GYRUS_MOSSY_FIBER
GOCC_GLYCINERGIC_SYNAPSE, GOCC_GLYCINERGIC_SYNAPSE
GOMF_BETA_GALACTOSIDASE_ACTIVITY, GOMF_BETA_GALACTOSIDASE_ACTIVITY
HP_ANGIOKERATOMA, HP_ANGIOKERATOMA
HP_SEVERE_PLATYSPONDYLY, HP_SEVERE_PLATYSPONDYLY
HP_CERVICAL_MYELOPATHY, HP_CERVICAL_MYELOPATHY
HP_AMEGAKARYOCYTIC_THROMBOCYTOPENIA, HP_AMEGAKARYOCYTIC_THROMBOCYTOPENIA
HP_APLASIA_OF_THE_PHALANGES_OF_THE_TOES, HP_APLASIA_OF_THE_PHALANGES_OF_THE_TOES
GOBP_POSITIVE_REGULATION_OF_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_SIGNALING_PATHWAY
GOCC_ATPASE_DEPENDENT_TRANSMEMBRANE_TRANSPORT_COMPLEX, GOCC_ATPASE_DEPENDENT_TRANSMEMBRANE_TRANSPORT_COMPLEX
chr1p32, chr1p32
HP_ANTERIOR_OPEN_BITE_MALOCCLUSION, HP_ANTERIOR_OPEN_BITE_MALOCCLUSION
GOBP_CELLULAR_RESPONSE_TO_PH, GOBP_CELLULAR_RESPONSE_TO_PH
GOBP_TRIVALENT_INORGANIC_ANION_HOMEOSTASIS, GOBP_TRIVALENT_INORGANIC_ANION_HOMEOSTASIS
GOBP_COLLECTING_DUCT_DEVELOPMENT, GOBP_COLLECTING_DUCT_DEVELOPMENT
GOBP_SURFACTANT_HOMEOSTASIS, GOBP_SURFACTANT_HOMEOSTASIS
GOBP_METANEPHRIC_COLLECTING_DUCT_DEVELOPMENT, GOBP_METANEPHRIC_COLLECTING_DUCT_DEVELOPMENT
REACTOME_ACYL_CHAIN_REMODELLING_OF_PG, REACTOME_ACYL_CHAIN_REMODELLING_OF_PG
GOBP_HYDROCARBON_METABOLIC_PROCESS, GOBP_HYDROCARBON_METABOLIC_PROCESS
GOBP NEURAL PLATE DEVELOPMENT, GOBP NEURAL PLATE DEVELOPMENT
GOBP_POSITIVE_REGULATION_OF_NK_T_CELL_ACTIVATION, GOBP_POSITIVE_REGULATION_OF_NK_T_CELL_ACTIVATION
GOMF_GAMMA_AMINOBUTYRIC_ACID_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_GAMMA_AMINOBUTYRIC_ACID_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
ZNF707_TARGET_GENES, ZNF707_TARGET_GENES
GOBP_LUNG_MORPHOGENESIS, GOBP_LUNG_MORPHOGENESIS
GOBP MODULATION BY HOST OF VIRAL PROCESS, GOBP MODULATION BY HOST OF VIRAL PROCESS
HARALAMBIEVA_PBMC_DRYVAX_AGE_18_40YO_STIMULATED_VS_UNSTIMULATED_9_TO_34MO_UP, HARALAMBIEVA_PBMC_DRYVAX_AGE_18_40YO_STIMULATED_VS_UNSTIMULATED_9_TO_34MO_UP
KEGG GLYCOSPHINGOLIPID BIOSYNTHESIS GANGLIO SERIES, KEGG GLYCOSPHINGOLIPID BIOSYNTHESIS GANGLIO SERIES
GOBP_MITRAL_VALVE_DEVELOPMENT, GOBP_MITRAL_VALVE_DEVELOPMENT
chr1p33, chr1p33
GOCC_POSTSYNAPTIC_SPECIALIZATION_MEMBRANE, GOCC_POSTSYNAPTIC_SPECIALIZATION_MEMBRANE
GOBP_CHOLESTEROL_EFFLUX, GOBP_CHOLESTEROL_EFFLUX
GOCC_CYTOLYTIC_GRANULE, GOCC_CYTOLYTIC_GRANULE
HP_FACIAL_HYPEROSTOSIS, HP_FACIAL_HYPEROSTOSIS
HP_ABNORMALITY_OF_MESENTERY_MORPHOLOGY, HP_ABNORMALITY_OF_MESENTERY_MORPHOLOGY
GOBP_NEURAL_PLATE_MORPHOGENESIS, GOBP_NEURAL_PLATE_MORPHOGENESIS
GOBP_CONVERGENT_EXTENSION_INVOLVED_IN_ORGANOGENESIS, GOBP_CONVERGENT_EXTENSION_INVOLVED_IN_ORGANOGENESIS
GOBP_DELAMINATION, GOBP_DELAMINATION
GOBP_TRACHEA_FORMATION, GOBP_TRACHEA_FORMATION
GOBP_VACUOLE_FUSION, GOBP_VACUOLE_FUSION
GOCC HIPPOCAMPAL MOSSY FIBER, GOCC HIPPOCAMPAL MOSSY FIBER
BIOCARTA_MITR_PATHWAY, BIOCARTA_MITR_PATHWAY
HP_ABSENT_STERNAL_OSSIFICATION, HP_ABSENT_STERNAL_OSSIFICATION
HP_REDUCED_FACTOR_XIII_ACTIVITY, HP_REDUCED_FACTOR_XIII_ACTIVITY
HP_OPTIC_DISC_DRUSEN, HP_OPTIC_DISC_DRUSEN
GOBP_POSITIVE_REGULATION_OF_ALKALINE_PHOSPHATASE_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_ALKALINE_PHOSPHATASE_ACTIVITY
GOBP_LATE_ENDOSOME_TO_GOLGI_TRANSPORT, GOBP_LATE_ENDOSOME_TO_GOLGI_TRANSPORT
GOBP_POSITIVE_REGULATION_OF_AMYLOID_PRECURSOR_PROTEIN_BIOSYNTHETIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_AMYLOID_PRECURSOR_PROTEIN_BIOSYNTHETIC_PROCESS
GOBP_CELLULAR_RESPONSE_TO_WATER_STIMULUS, GOBP_CELLULAR_RESPONSE_TO_WATER_STIMULUS
GOBP_NEGATIVE_REGULATION_OF_CLATHRIN_DEPENDENT_ENDOCYTOSIS, GOBP_NEGATIVE_REGULATION_OF_CLATHRIN_DEPENDENT_ENDOCYTOSIS
GOMF_BETA_2_ADRENERGIC_RECEPTOR_BINDING, GOMF_BETA_2_ADRENERGIC_RECEPTOR_BINDING
ZHONG_PFC_C3_HOPX_POS_OPC, ZHONG_PFC_C3_HOPX_POS_OPC
GAO_STOMACH_24W_C4_PARIETAL_PROGENITOR, GAO_STOMACH_24W_C4_PARIETAL_PROGENITOR
GOBP_MHC_CLASS_I_BIOSYNTHETIC_PROCESS, GOBP_MHC_CLASS_I_BIOSYNTHETIC_PROCESS
GOBP_MESENCHYMAL_CELL_DIFFERENTIATION_INVOLVED_IN_KIDNEY_DEVELOPMENT, GOBP_MESENCHYMAL_CELL_DIFFERENTIATION_INVOLVED_IN_KIDNEY_DEVELOPMENT
GOCC_ENDOPLASMIC_RETICULUM_PALMITOYLTRANSFERASE_COMPLEX, GOCC_ENDOPLASMIC_RETICULUM_PALMITOYLTRANSFERASE_COMPLEX
WEBER_METHYLATED_ICP_IN_SPERM_DN, WEBER_METHYLATED_ICP_IN_SPERM_DN
GOBP_NEGATIVE_REGULATION_OF_LIPOPOLYSACCHARIDE_MEDIATED_SIGNALING_PATHWAY, GOBP_NEGATIVE_REGULATION_OF_LIPOPOLYSACCHARIDE_MEDIATED_SIGNALING_PATHWAY
GOBP_NEGATIVE_REGULATION_OF_SODIUM_ION_TRANSMEMBRANE_TRANSPORT, GOBP_NEGATIVE_REGULATION_OF_SODIUM_ION_TRANSMEMBRANE_TRANSPORT
GOBP_ADENYLATE_CYCLASE_ACTIVATING_DOPAMINE_RECEPTOR_SIGNALING_PATHWAY, GOBP_ADENYLATE_CYCLASE_ACTIVATING_DOPAMINE_RECEPTOR_SIGNALING_PATHWAY
BOYLAN_MULTIPLE_MYELOMA_PCA1_DN, BOYLAN_MULTIPLE_MYELOMA_PCA1_DN
GOBP_SALIVA_SECRETION, GOBP_SALIVA_SECRETION
GOBP_NEGATIVE_REGULATION_OF_TYPE_B_PANCREATIC_CELL_APOPTOTIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_TYPE_B_PANCREATIC_CELL_APOPTOTIC_PROCESS
GOBP_BILE_ACID_SECRETION, GOBP_BILE_ACID_SECRETION
GOBP_CORTICOSPINAL_TRACT_MORPHOGENESIS, GOBP_CORTICOSPINAL_TRACT_MORPHOGENESIS
GOBP_POSITIVE_REGULATION_OF_MHC_CLASS_I_BIOSYNTHETIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_MHC_CLASS_I_BIOSYNTHETIC_PROCESS
GOBP_MAST_CELL_DIFFERENTIATION, GOBP_MAST_CELL_DIFFERENTIATION
HP_APLASIA_HYPOPLASIA_OF_THE_PHALANGES_OF_THE_HALLUX, HP_APLASIA_HYPOPLASIA_OF_THE_PHALANGES_OF_THE_HALLUX
CASTELLANO_HRAS_AND_NRAS_TARGETS_UP, CASTELLANO_HRAS_AND_NRAS_TARGETS_UP
HP_ABNORMAL_ST_SEGMENT, HP_ABNORMAL_ST_SEGMENT
GOBP_POSITIVE_REGULATION_OF_ANTIGEN_RECEPTOR_MEDIATED_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_ANTIGEN_RECEPTOR_MEDIATED_SIGNALING_PATHWAY
 DESCARTES_MAIN_FETAL_VISCERAL_NEURONS, DESCARTES_MAIN_FETAL_VISCERAL_NEURONS
 HP_DRUSEN, HP_DRUSEN
GOBP_CORTISOL_METABOLIC_PROCESS, GOBP_CORTISOL_METABOLIC_PROCESS
REACTOME_MUCOPOLYSACCHARIDOSES, REACTOME_MUCOPOLYSACCHARIDOSES
GOBP_EPITHELIAL_CELL_PROLIFERATION_INVOLVED_IN_LUNG_MORPHOGENESIS, GOBP_EPITHELIAL_CELL_PROLIFERATION_INVOLVED_IN_LUNG_MORPHOGENESIS
HP_PROLONGED_PR_INTERVAL, HP_PROLONGED_PR_INTERVAL
MIR4730, MIR4730
CAO_BLOOD_FLUZONE_AGE_05_14YO_7DY_UP, CAO_BLOOD_FLUZONE_AGE_05_14YO_7DY_UP
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HP_UNILATERAL_CRYPTORCHIDISM, HP_UNILATERAL_CRYPTORCHIDISM

HP_DIAPHRAGMATIC_EVENTRATION, HP_DIAPHRAGMATIC_EVENTRATION

HP_CERVICAL_CORD_COMPRESSION, HP_CERVICAL_CORD_COMPRESSION

GOBP_TRICUSPID_VALVE_DEVELOPMENT, GOBP_TRICUSPID_VALVE_DEVELOPMENT

HP_CHRONIC_LYMPHOCYTIC_MENINGITIS, HP_CHRONIC_LYMPHOCYTIC_MENINGITIS

GOBP_TRICUSPID_VALVE_MORPHOGENESIS, GOBP_TRICUSPID_VALVE_MORPHOGENESIS

GOMF_C_PALMITOYLTRANSFERASE_ACTIVITY, GOMF_C_PALMITOYLTRANSFERASE_ACTIVITY

HP_HYPERLIPOPROTEINEMIA, HP_HYPERLIPOPROTEINEMIA

HP_UPPER_LIMB_ASYMMETRY, HP_UPPER_LIMB_ASYMMETRY

GOCC_MAST_CELL_GRANULE, GOCC_MAST_CELL_GRANULE

FOXF2_TARGET_GENES, FOXF2_TARGET_GENES

HP_GINGIVAL_RECESSION, HP_GINGIVAL_RECESSION

HP_HYPEREOSINOPHILIA, HP_HYPEREOSINOPHILIA

HP_ARTERIAL_RUPTURE, HP_ARTERIAL_RUPTURE

GOCC_PHAGOLYSOSOME, GOCC_PHAGOLYSOSOME

HP_ENLARGED_METAPHYSES, HP_ENLARGED_METAPHYSES

GOBP_RESPONSE_TO_WATER, GOBP_RESPONSE_TO_WATER

GOBP_RESPONSE_TO_DOPAMINE, GOBP_RESPONSE_TO_DOPAMINE

CASTELLANO_HRAS_TARGETS_UP, CASTELLANO_HRAS_TARGETS_UP

GOBP_NEGATIVE_REGULATION_OF_PHOSPHOLIPID_METABOLIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_PHOSPHOLIPID_METABOLIC_PROCESS

GOCC_CLATHRIN_SCULPTED_GAMMA_AMINOBUTYRIC_ACID_TRANSPORT_VESICLE, GOCC_CLATHRIN_SCULPTED_GAMMA_AMINOBUTYRIC_ACID_TRANSPORT_VESICLE

GOBP_NEGATIVE_REGULATION_OF_MULTI_ORGANISM_PROCESS, GOBP_NEGATIVE_REGULATION_OF_MULTI_ORGANISM_PROCESS

QIU_PBMC_HEPTATITIS_B_SURFACE_ANTIGEN_AGE_UNDER50_NON_RESPONDERS_VS_RESPONDERS_28DY_DN, QIU_PBMC_HEPTATITIS_B_SURFACE_ANTIGEN_AGE_UNDER50_NON_RESPONDERS_VS_RESPONDERS_28DY_DN

REACTOME_NEGATIVE_REGULATION_OF_TCF_DEPENDENT_SIGNALING_BY_DVL_INTERACTING_PROTEINS, REACTOME_NEGATIVE_REGULATION_OF_TCF_DEPENDENT_SIGNALING_BY_DVL_INTERACTING_PROTEINS

GOMF OXIDOREDUCTASE ACTIVITY ACTING ON PAIRED DONORS_WITH_OXIDATION_OF_A_PAIR_OF_DONORS_RESULTING_IN_THE_REDUCTION_OF_MOLECULES_OF_WATER, GOMF_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_PAIRED_DONORS_RESULTING_IN_THE_REDUCTION_OF_MOLECULES_OF_WATER, GOMF_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_PAIRED_DONORS_RESULTING_IN_THE_REDUCTION_OF_MOLECULES_OF_WATER, GOMF_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_PAIRED_DONORS_RESULTING_IN_THE_REDUCTION_OF_MOLECULES_OF_WATER, GOMF_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_PAIRED_DONORS_RESULTING_IN_THE_REDUCTION_OF_MOLECULES_OF_WATER, GOMF_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_PAIRED_DONORS_RESULTING_IN_THE_REDUCTION_OF_MOLECULES_OF_WATER, GOMF_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_PAIRED_DONORS_RESULTING_IN_THE_REDUCTION_OF_MOLECULES_OF_WATER, GOMF_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_PAIRED_DONORS_RESULTING_IN_THE_REDUCTION_OF_MOLECULES_OF_WATER, GOMF_OXIDOREDUCTASE_ACTIVITY_ACTING_IN_THE_REDUCTION_OF_MOLECULES_OF_WATER, GOMF_OXIDOREDUCTASE_ACTIVITY_ACTING_OXIDOREDUCTASE_ACTIVITY_ACTION_OXIDOREDUCTASE_ACTIVITY_ACTION_OXIDOREDUCTASE_ACTIVITY_ACTION_OXIDOREDUCTASE_ACTIVITY_ACTION_OXIDOREDUCTASE_ACTIVI