```
GSE20198_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_UP, GSE20198_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_UP
                                                                                                       GSE20198_IL12_IL18_VS_IFNA_TREATED_ACT_CD4_TCELL_UP, GSE20198_IL12_IL18_VS_IFNA_TREATED_ACT_CD4_TCELL_UP
                                                                                                       GSE39864_WT_VS_GATA3_KO_TREG_DN, GSE39864_WT_VS_GATA3_KO_TREG_DN
                                                                                                       GSE27786_NKTCELL_VS_ERYTHROBLAST_UP, GSE27786_NKTCELL_VS_ERYTHROBLAST_UP
                                                                                                       GSE11961_MARGINAL_ZONE_BCELL_VS_MEMORY_BCELL_DAY40_DN, GSE11961_MARGINAL_ZONE_BCELL_VS_MEMORY_BCELL_DAY40_DN
                                                                                                       GSE27786_LIN_NEG_VS_CD4_TCELL_DN, GSE27786_LIN_NEG_VS_CD4_TCELL_DN
                                                                                                       GSE20198_IL12_VS_IL12_IL18_TREATED_ACT_CD4_TCELL_DN, GSE20198_IL12_VS_IL12_IL18_TREATED_ACT_CD4_TCELL_DN
                                                                                                       GSE27786_LIN_NEG_VS_ERYTHROBLAST_UP, GSE27786_LIN_NEG_VS_ERYTHROBLAST_UP
                                                                                                       GSE14308_INDUCED_VS_NATURAL_TREG_UP, GSE14308_INDUCED_VS_NATURAL_TREG_UP
                                                                                                       GSE5542_IFNG_VS_IFNA_AND_IFNG_TREATED_EPITHELIAL_CELLS_6H_DN, GSE5542_IFNG_VS_IFNA_AND_IFNG_TREATED_EPITHELIAL_CELLS_6H_DN
                                                                                                       GSE11961_MARGINAL_ZONE_BCELL_VS_PLASMA_CELL_DAY7_UP, GSE11961_MARGINAL_ZONE_BCELL_VS_PLASMA_CELL_DAY7_UP
                                                                                                       GSE23505_UNTREATED_VS_4DAY_IL6_IL1_TGFB_TREATED_CD4_TCELL_DN, GSE23505_UNTREATED_VS_4DAY_IL6_IL1_TGFB_TREATED_CD4_TCELL_DN
                                                                                                      GSE27786_LIN_NEG_VS_NKTCELL_DN, GSE27786_LIN_NEG_VS_NKTCELL_DN
                                                                                                      GSE14000_UNSTIM_VS_16H_LPS_DC_TRANSLATED_RNA_DN, GSE14000_UNSTIM_VS_16H_LPS_DC_TRANSLATED_RNA_DN
                                                                                                      GSE27786_CD4_TCELL_VS_NKTCELL_DN, GSE27786_CD4_TCELL_VS_NKTCELL_DN
                                                                                                      HOXA7_TARGET_GENES, HOXA7_TARGET_GENES
                                                                                                      GSE7831_CPG_VS_INFLUENZA_STIM_PDC_4H_UP, GSE7831_CPG_VS_INFLUENZA_STIM_PDC_4H_UP
                                                                                                      GSE42724_NAIVE_VS_MEMORY_BCELL_DN, GSE42724_NAIVE_VS_MEMORY_BCELL_DN
                                                                                                      GOBP_MACROMOLECULE_DEACYLATION, GOBP_MACROMOLECULE_DEACYLATION
                                                                                                      HP SPARSE SCALP HAIR, HP SPARSE SCALP HAIR
                                                                                                      GSE27786_BCELL_VS_CD8_TCELL_DN, GSE27786_BCELL_VS_CD8_TCELL_DN
                                                                                                      GSE27786_NKTCELL_VS_NEUTROPHIL_DN, GSE27786_NKTCELL_VS_NEUTROPHIL_DN
                                                                                                      GSE10147_IL3_AND_HIVP17_VS_IL3_AND_CPG_STIM_PDC_DN, GSE10147_IL3_AND_HIVP17_VS_IL3_AND_CPG_STIM_PDC_DN
                                                                                                      HP_ACUTE_LEUKEMIA, HP_ACUTE_LEUKEMIA
                                                                                                      GSE15930_NAIVE_VS_24H_IN_VITRO_STIM_IL12_CD8_TCELL_UP, GSE15930_NAIVE_VS_24H_IN_VITRO_STIM_IL12_CD8_TCELL_UP
                                                                                                      HP_ACUTE MYELOID LEUKEMIA, HP_ACUTE MYELOID LEUKEMIA
                                                                                                      GSE21927_UNTREATED_VS_GMCSF_IL6_TREATED_BONE_MARROW_UP, GSE21927_UNTREATED_VS_GMCSF_IL6_TREATED_BONE_MARROW_UP
                                                                                                      GSE5542_IFNA_VS_IFNA_AND_IFNG_TREATED_EPITHELIAL_CELLS_6H_DN, GSE5542_IFNA_VS_IFNA_AND_IFNG_TREATED_EPITHELIAL_CELLS_6H_DN
                                                                                                      HP_NEOPLASM_OF_THE_PANCREAS, HP_NEOPLASM_OF_THE_PANCREAS
                                                                                                      HP_ABNORMALITY_OF_PANCREAS_PHYSIOLOGY, HP_ABNORMALITY_OF_PANCREAS_PHYSIOLOGY
                                                                                                      GOBP_POSITIVE_REGULATION_OF_VIRAL_TRANSCRIPTION, GOBP_POSITIVE_REGULATION_OF_VIRAL_TRANSCRIPTION
                                                                                                      HP_ANOREXIA, HP_ANOREXIA
                                                                                                      MIR4469, MIR4469
                                                                                                      HP_PRENATAL_MOVEMENT_ABNORMALITY, HP_PRENATAL_MOVEMENT_ABNORMALITY
                                                                                                      GSE9006_HEALTHY_VS_TYPE_1_DIABETES_PBMC_1MONTH_POST_DX_DN, GSE9006_HEALTHY_VS_TYPE_1_DIABETES_PBMC_1MONTH_POST_DX_DN
                                                                                                      HP_ALOPECIA, HP_ALOPECIA
                                                                                                      GSE27786_NKCELL_VS_ERYTHROBLAST_DN, GSE27786_NKCELL_VS_ERYTHROBLAST_DN
                                                                                                      HP_RETINOPATHY, HP_RETINOPATHY
                                                                                                      REACTOME_REGULATION_OF_PTEN_GENE_TRANSCRIPTION, REACTOME_REGULATION_OF_PTEN_GENE_TRANSCRIPTION
                                                                                                      HP_MYOCARDIAL_INFARCTION, HP_MYOCARDIAL_INFARCTION
                                                                                                      GOCC_MICROBODY_MEMBRANE, GOCC_MICROBODY_MEMBRANE
                                                                                                      GOBP_NEGATIVE_REGULATION_OF_AUTOPHAGY, GOBP_NEGATIVE_REGULATION_OF_AUTOPHAGY
                                                                                                      GOBP_HISTONE_DEACETYLATION, GOBP_HISTONE_DEACETYLATION
                                                                                                      HP_LYMPHOMA, HP_LYMPHOMA
                                                                                                       NIKOLSKY_BREAST_CANCER_7P22_AMPLICON, NIKOLSKY_BREAST_CANCER_7P22_AMPLICON
                                                                                                       MOLENAAR_TARGETS_OF_CCND1_AND_CDK4_UP, MOLENAAR_TARGETS_OF_CCND1_AND_CDK4_UP
                                                                                                      GOMF_P53_BINDING, GOMF_P53_BINDING
                                                                                                      ARP1_01, ARP1_01
                                                                                                      HP_OSTEOSARCOMA, HP_OSTEOSARCOMA
                                                                                                      GOCC_LIPID_DROPLET, GOCC_LIPID_DROPLET
                                                                                                      MIR4709_5P, MIR4709_5P
                                                                                                      HP_PLEURAL_EFFUSION, HP_PLEURAL_EFFUSION
                                                                                                      MIR4680_5P, MIR4680_5P
                                                                                                      MIR4527, MIR4527
                                                                                                      GOBP_PROTEIN_TETRAMERIZATION, GOBP_PROTEIN_TETRAMERIZATION
                                                                                                      MIR3164, MIR3164
                                                                                                      HP_GLIOMA, HP_GLIOMA
                                                                                                     HP_ABNORMAL_ARTERIAL_PHYSIOLOGY, HP_ABNORMAL_ARTERIAL_PHYSIOLOGY
                                                                                                      WP_COPPER_HOMEOSTASIS, WP_COPPER_HOMEOSTASIS
                                                                                                      HP_ABNORMAL_PROSTATE_MORPHOLOGY, HP_ABNORMAL_PROSTATE_MORPHOLOGY
                                                                                                      HP_MEDULLOBLASTOMA, HP_MEDULLOBLASTOMA
                                                                                                      MIR6820_3P, MIR6820_3P
                                                                                                      HP_CHRONIC_FATIGUE, HP_CHRONIC_FATIGUE
                                                                                                      GOBP_FORMATION_OF_EXTRACHROMOSOMAL_CIRCULAR_DNA, GOBP_FORMATION_OF_EXTRACHROMOSOMAL_CIRCULAR_DNA
                                                                                                      MIR6760_5P, MIR6760_5P
                                                                                                      HP_ABNORMAL_PERICARDIUM_MORPHOLOGY, HP_ABNORMAL_PERICARDIUM_MORPHOLOGY
                                                                                                      JAZAG_TGFB1_SIGNALING_UP, JAZAG_TGFB1_SIGNALING_UP
                                                                                                      MIR1915_3P, MIR1915_3P
                                                                                                      MIR5571_3P, MIR5571_3P
                                                                                                      GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_PDC_UP, GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_PDC_UP
                                                                                                      HP_PROSTATE_NEOPLASM, HP_PROSTATE_NEOPLASM
                                                                                                      GOMF_RNA_POLYMERASE_II_TRANSCRIPTION_COREGULATOR_BINDING, GOMF_RNA_POLYMERASE_II_TRANSCRIPTION_COREGULATOR_BINDING
                                                                                                      MIR6864_5P, MIR6864_5P
                                                                                                      HP_PANCREATITIS, HP_PANCREATITIS
                                                                                                      HP_ABNORMAL_NUMBER_OF_ERYTHROID_PRECURSORS, HP_ABNORMAL_NUMBER_OF_ERYTHROID_PRECURSORS
                                                                                                      GOBP_CELLULAR_RESPONSE_TO_GAMMA_RADIATION, GOBP_CELLULAR_RESPONSE_TO_GAMMA_RADIATION
                                                                                                      MARKS_HDAC_TARGETS_UP, MARKS_HDAC_TARGETS_UP
                                                                                                      HP_POOR_APPETITE, HP_POOR_APPETITE
                                                                                                      HP_OVARIAN_CARCINOMA, HP_OVARIAN_CARCINOMA
                                                                                                      GOMF_DEACETYLASE_ACTIVITY, GOMF_DEACETYLASE_ACTIVITY
                                                                                                      HP_TISSUE_ISCHEMIA, HP_TISSUE_ISCHEMIA
                                                                                                      GOMF_RNA_POLYMERASE_II_TRANSCRIPTION_COREPRESSOR_BINDING, GOMF_RNA_POLYMERASE_II_TRANSCRIPTION_COREPRESSOR_BINDING
                                                                                                      HP_ADRENOCORTICAL_CARCINOMA, HP_ADRENOCORTICAL_CARCINOMA
                                                                                                       GOBP_PRODUCTION_OF_SMALL_RNA_INVOLVED_IN_GENE_SILENCING_BY_RNA, GOBP_PRODUCTION_OF_SMALL_RNA_INVOLVED_IN_GENE_SILENCING_BY_RNA
                                                                                                      HP_ABNORMAL_SPUTUM, HP_ABNORMAL_SPUTUM
                                                                                                      HP_ASTROCYTOMA, HP_ASTROCYTOMA
                                                                                                       HP_MALE_REPRODUCTIVE_SYSTEM_NEOPLASM, HP_MALE_REPRODUCTIVE_SYSTEM_NEOPLASM
                                                                                                       AGCYRWTTC_UNKNOWN, AGCYRWTTC_UNKNOWN
                                                                                                      HP_SQUAMOUS_CELL_CARCINOMA, HP_SQUAMOUS_CELL_CARCINOMA
                                                                                                       MIR6503_5P, MIR6503_5P
                                                                                                      chr7p22, chr7p22
                                                                                                      HP_KERATOCONJUNCTIVITIS, HP_KERATOCONJUNCTIVITIS
                                                                                                      GOBP_PROTEIN_PEPTIDYL_PROLYL_ISOMERIZATION, GOBP_PROTEIN_PEPTIDYL_PROLYL_ISOMERIZATION
                                                                                                       RIZ_ERYTHROID_DIFFERENTIATION_CCNE1, RIZ_ERYTHROID_DIFFERENTIATION_CCNE1
                                                                                                      GOCC_INTRACILIARY_TRANSPORT_PARTICLE, GOCC_INTRACILIARY_TRANSPORT_PARTICLE
                                                                                                       SQSTM1_TARGET_GENES, SQSTM1_TARGET_GENES
                                                                                                      HP_PULMONARY_INFILTRATES, HP_PULMONARY_INFILTRATES
                                                                                                      HP_ABNORMALITY_OF_MALE_INTERNAL_GENITALIA, HP_ABNORMALITY_OF_MALE_INTERNAL_GENITALIA
                                                                                                      GOMF_PROTEIN_DEACETYLASE_ACTIVITY, GOMF_PROTEIN_DEACETYLASE_ACTIVITY
                                                                                                      HP_NEOPLASM_OF_THE_ADRENAL_CORTEX, HP_NEOPLASM_OF_THE_ADRENAL_CORTEX
                                                                                                       BIOCARTA CTCF PATHWAY, BIOCARTA CTCF PATHWAY
                                                                                                      HP_ABNORMAL_ENDOCARDIUM_MORPHOLOGY, HP_ABNORMAL_ENDOCARDIUM_MORPHOLOGY
                                                                                                      GOBP_RESPONSE_TO_STEROL_DEPLETION, GOBP_RESPONSE_TO_STEROL_DEPLETION
                                                                                                      GOCC_INTRINSIC_COMPONENT_OF_PEROXISOMAL_MEMBRANE, GOCC_INTRINSIC_COMPONENT_OF_PEROXISOMAL_MEMBRANE
                                                                                                       HP_PREMATURE_GRAYING_OF_HAIR, HP_PREMATURE_GRAYING_OF_HAIR
                                                                                                      HP_ABNORMAL_PLACENTA_MORPHOLOGY, HP_ABNORMAL_PLACENTA_MORPHOLOGY
                                                                                                       NIKOLSKY_OVERCONNECTED_IN_BREAST_CANCER, NIKOLSKY_OVERCONNECTED_IN_BREAST_CANCER
                                                                                                       HP_EPENDYMOMA, HP_EPENDYMOMA
                                                                                                      WP_MECP2_AND_ASSOCIATED_RETT_SYNDROME, WP_MECP2_AND_ASSOCIATED_RETT_SYNDROME
                                                                                                       MIR4305, MIR4305
                                                                                                      MAHAJAN_RESPONSE_TO_IL1A_DN, MAHAJAN_RESPONSE_TO_IL1A_DN
                                                                                                       CHIANG_LIVER_CANCER_SUBCLASS_POLYSOMY7_DN, CHIANG_LIVER_CANCER_SUBCLASS_POLYSOMY7_DN
                                                                                                       OHM_METHYLATED_IN_ADULT_CANCERS, OHM_METHYLATED_IN_ADULT_CANCERS
                                                                                                       YAMASHITA_LIVER_CANCER_STEM_CELL_DN, YAMASHITA_LIVER_CANCER_STEM_CELL_DN
                                                                                                      GOMF_PALMITOYLTRANSFERASE_ACTIVITY, GOMF_PALMITOYLTRANSFERASE_ACTIVITY
                                                                                                       TCCCCAC_MIR491, TCCCCAC_MIR491
                                                                                                      DING_LUNG_CANCER_MUTATED_SIGNIFICANTLY, DING_LUNG_CANCER_MUTATED_SIGNIFICANTLY
                                                                                                       HP_GLOMERULOPATHY, HP_GLOMERULOPATHY
                                                                                                      GOMF_NAD_DEPENDENT_PROTEIN_DEACETYLASE_ACTIVITY, GOMF_NAD_DEPENDENT_PROTEIN_DEACETYLASE_ACTIVITY
                                                                                                       GOBP_LIPID_HOMEOSTASIS, GOBP_LIPID_HOMEOSTASIS
                                                                                                       HP_NEUROINFLAMMATION, HP_NEUROINFLAMMATION
                                                                                                       GOBP_CELLULAR_RESPONSE_TO_STEROL_DEPLETION, GOBP_CELLULAR_RESPONSE_TO_STEROL_DEPLETION
                                                                                                       HP_GANGRENE, HP_GANGRENE
                                                                                                       WP_INITIATION_OF_TRANSCRIPTION_AND_TRANSLATION_ELONGATION_AT_THE_HIV1_LTR, WP_INITIATION_OF_TRANSCRIPTION_AND_TRANSLATION_ELONGATION_AT_THE_HIV1_LTR
                                                                                                       HP_RHEUMATOID_ARTHRITIS, HP_RHEUMATOID_ARTHRITIS
                                                                                                       HP_ENDOCARDITIS, HP_ENDOCARDITIS
                                                                                                       HP_SPARSE_EYELASHES, HP_SPARSE_EYELASHES
                                                                                                       GOBP_RESPONSE_TO_NERVE_GROWTH_FACTOR, GOBP_RESPONSE_TO_NERVE_GROWTH_FACTOR
                                                                                                       GOMF_CIS_TRANS_ISOMERASE_ACTIVITY, GOMF_CIS_TRANS_ISOMERASE_ACTIVITY
                                                                                                      GOBP_HISTONE_H3_DEACETYLATION, GOBP_HISTONE_H3_DEACETYLATION
                                                                                                       HP_NON_HODGKIN_LYMPHOMA, HP_NON_HODGKIN_LYMPHOMA
                                                                                                       HP_VITILIGO, HP_VITILIGO
                                                                                                       GOBP_PROTEIN_PALMITOYLATION, GOBP_PROTEIN_PALMITOYLATION
                                                                                                       WNT_UP.V1_UP, WNT_UP.V1_UP
                                                                                                       WP_TCELL_RECEPTOR_AND_COSTIMULATORY_SIGNALING, WP_TCELL_RECEPTOR_AND_COSTIMULATORY_SIGNALING
                                                                                                       HP_EXTRAHEPATIC_CHOLESTASIS, HP_EXTRAHEPATIC_CHOLESTASIS
                                                                                                       HP_PERITONEAL_ABSCESS, HP_PERITONEAL_ABSCESS
                                                                                                       GSE21927_SPLENIC_C26GM_TUMOROUS_VS_BONE_MARROW_MONOCYTES_UP, GSE21927_SPLENIC_C26GM_TUMOROUS_VS_BONE_MARROW_MONOCYTES_UP
                                                                                                       HP_EXCESSIVE_WRINKLED_SKIN, HP_EXCESSIVE_WRINKLED_SKIN
                                                                                                       HP_UVEITIS, HP_UVEITIS
                                                                                                      GOBP_SIGNAL_TRANSDUCTION_IN_ABSENCE_OF_LIGAND, GOBP_SIGNAL_TRANSDUCTION_IN_ABSENCE_OF_LIGAND
                                                                                                      GOMF_S_ACYLTRANSFERASE_ACTIVITY, GOMF_S_ACYLTRANSFERASE_ACTIVITY
                                                                                                       RORIE_TARGETS_OF_EWSR1_FLI1_FUSION_UP, RORIE_TARGETS_OF_EWSR1_FLI1_FUSION_UP
                                                                                                       GOBP_NUCLEAR_TRANSCRIBED_MRNA_CATABOLIC_PROCESS_EXONUCLEOLYTIC_3_5, GOBP_NUCLEAR_TRANSCRIBED_MRNA_CATABOLIC_PROCESS_EXONUCLEOLYTIC_3_5
                                                                                                       GOBP_SULFUR_AMINO_ACID_BIOSYNTHETIC_PROCESS, GOBP_SULFUR_AMINO_ACID_BIOSYNTHETIC_PROCESS
                                                                                                       HP_NEPHRITIS, HP_NEPHRITIS
                                                                                                       WP_EICOSANOID_METABOLISM_VIA_LIPO_OXYGENASES_LOX, WP_EICOSANOID_METABOLISM_VIA_LIPO_OXYGENASES_LOX
                                                                                                       HP_NEOPLASM_OF_THE_LARYNX, HP_NEOPLASM_OF_THE_LARYNX
                                                                                                       TERAMOTO_OPN_TARGETS_CLUSTER_1, TERAMOTO_OPN_TARGETS_CLUSTER_1
                                                                                                       HP_HEMIPLEGIA, HP_HEMIPLEGIA
                                                                                                      HP_CENTRAL_PRIMITIVE_NEUROECTODERMAL_TUMOR, HP_CENTRAL_PRIMITIVE_NEUROECTODERMAL_TUMOR
                                                                                                      KEGG_GLYCOSAMINOGLYCAN_BIOSYNTHESIS_KERATAN_SULFATE, KEGG_GLYCOSAMINOGLYCAN_BIOSYNTHESIS_KERATAN_SULFATE
                                                                                                      GOBP_MICROTUBULE_ANCHORING, GOBP_MICROTUBULE_ANCHORING
                                                                                                       HP_ORCHITIS, HP_ORCHITIS
                                                                                                      HP_INTERMITTENT_DIARRHEA, HP_INTERMITTENT_DIARRHEA
                                                                                                       BIOCARTA_ARF_PATHWAY, BIOCARTA_ARF_PATHWAY
                                                                                                       HP_ABNORMALITY_OF_THE_PERITONEUM, HP_ABNORMALITY_OF_THE_PERITONEUM
                                                                                                      MIR4471, MIR4471
                                                                                                      WP_REGULATION_OF_WNTBCATENIN_SIGNALING_BY_SMALL_MOLECULE_COMPOUNDS, WP_REGULATION_OF_WNTBCATENIN_SIGNALING_BY_SMALL_MOLECULE_COMPOUNDS
                                                                                                      GOBP_REGULATION_OF_HISTONE_H3_K9_METHYLATION, GOBP_REGULATION_OF_HISTONE_H3_K9_METHYLATION
                                                                                                      MIR1238_3P, MIR1238_3P
                                                                                                      WP_WNTBETACATENIN_SIGNALING_PATHWAY_IN_LEUKEMIA, WP_WNTBETACATENIN_SIGNALING_PATHWAY_IN_LEUKEMIA
                                                                                                      HP_HODGKIN_LYMPHOMA, HP_HODGKIN_LYMPHOMA
                                                                                                      HASLINGER_B_CLL_WITH_11Q23_DELETION, HASLINGER_B_CLL_WITH_11Q23_DELETION
                                                                                                      GOBP_POSITIVE_REGULATION_OF_HISTONE_PHOSPHORYLATION, GOBP_POSITIVE_REGULATION_OF_HISTONE_PHOSPHORYLATION
                                                                                                       TCGA_GLIOBLASTOMA_MUTATED, TCGA_GLIOBLASTOMA_MUTATED
                                                                                                      REACTOME GAMMA CARBOXYLATION HYPUSINE FORMATION AND ARYLSULFATASE ACTIVATION, REACTOME GAMMA CARBOXYLATION HYPUSINE FORMATION AND ARYLSULFATASE ACTIVATION
                                                                                                      HP_JOINT_SWELLING, HP_JOINT_SWELLING
                                                                                                      HP_ARTERIAL_THROMBOSIS, HP_ARTERIAL_THROMBOSIS
                                                                                                      GOMF_RNA_POLYMERASE_II_TRANSCRIPTION_FACTOR_BINDING, GOMF_RNA_POLYMERASE_II_TRANSCRIPTION_FACTOR_BINDING
                                                                                                      HOLLEMAN_ASPARAGINASE_RESISTANCE_B_ALL_DN, HOLLEMAN_ASPARAGINASE_RESISTANCE_B_ALL_DN
                                                                                                      REACTOME_METABOLISM_OF_NITRIC_OXIDE_NOS3_ACTIVATION_AND_REGULATION, REACTOME_METABOLISM_OF_NITRIC_OXIDE_NOS3_ACTIVATION_AND_REGULATION
                                                                                                      GOBP_POSITIVE_REGULATION_OF_POSTTRANSCRIPTIONAL_GENE_SILENCING, GOBP_POSITIVE_REGULATION_OF_POSTTRANSCRIPTIONAL_GENE_SILENCING
                                                                                                      CTGRYYYNATT_UNKNOWN, CTGRYYYNATT_UNKNOWN
                                                                                                       LOPES_METHYLATED_IN_COLON_CANCER_DN, LOPES_METHYLATED_IN_COLON_CANCER_DN
                                                                                                      GOBP_POSITIVE_REGULATION_OF_LEUKOCYTE_APOPTOTIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_LEUKOCYTE_APOPTOTIC_PROCESS
                                                                                                      ZNF433 TARGET GENES, ZNF433 TARGET GENES
                                                                                                       REACTOME_APOPTOTIC_FACTOR_MEDIATED_RESPONSE, REACTOME_APOPTOTIC_FACTOR_MEDIATED_RESPONSE
                                                                                                      GOBP_REGULATION_OF_CENTRIOLE_REPLICATION, GOBP_REGULATION_OF_CENTRIOLE_REPLICATION
                                                                                                       HP_GERM_CELL_NEOPLASIA, HP_GERM_CELL_NEOPLASIA
                                                                                                      HP_RECURRENT_INFECTION_OF_THE_GASTROINTESTINAL_TRACT, HP_RECURRENT_INFECTION_OF_THE_GASTROINTESTINAL_TRACT
                                                                                                      GOBP_HISTONE_H3_K4_DEMETHYLATION, GOBP_HISTONE_H3_K4_DEMETHYLATION
                                                                                                      GOBP_ER_OVERLOAD_RESPONSE, GOBP_ER_OVERLOAD_RESPONSE
                                                                                                      GOBP_ISOPRENOID_BIOSYNTHETIC_PROCESS, GOBP_ISOPRENOID_BIOSYNTHETIC_PROCESS
                                                                                                      HP_ANTERIOR_UVEITIS, HP_ANTERIOR_UVEITIS
                                                                                                      GOBP_NEGATIVE_REGULATION_OF_ANTIGEN_RECEPTOR_MEDIATED_SIGNALING_PATHWAY, GOBP_NEGATIVE_REGULATION_OF_ANTIGEN_RECEPTOR_MEDIATED_SIGNALING_PATHWAY
                                                                                                      HP_CHOROID_PLEXUS_CARCINOMA, HP_CHOROID_PLEXUS_CARCINOMA
                                                                                                      GOBP_PEPTIDYL_LYSINE_DEACETYLATION, GOBP_PEPTIDYL_LYSINE_DEACETYLATION
                                                                                                      MIR1911_5P, MIR1911_5P
                                                                                                      PID_BETA_CATENIN_DEG_PATHWAY, PID_BETA_CATENIN_DEG_PATHWAY
                                                                                                      GOMF_CYCLOSPORIN_A_BINDING, GOMF_CYCLOSPORIN_A_BINDING
                                                                                                      REACTOME_RUNX3_REGULATES_P14_ARF, REACTOME_RUNX3_REGULATES_P14_ARF
                                                                                                      GOBP_POSITIVE_REGULATION_OF_SECONDARY_METABOLITE_BIOSYNTHETIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_SECONDARY_METABOLITE_BIOSYNTHETIC_PROCESS
                                                                                                      GOBP_REGULATION_OF_ENDOCYTIC_RECYCLING, GOBP_REGULATION_OF_ENDOCYTIC_RECYCLING
                                                                                                      HP_INCREASED_LEVEL_OF_L_FUCOSE_IN_URINE, HP_INCREASED_LEVEL_OF_L_FUCOSE_IN_URINE
                                                                                                      GOCC_PLATELET_DENSE_TUBULAR_NETWORK_MEMBRANE, GOCC_PLATELET_DENSE_TUBULAR_NETWORK_MEMBRANE
                                                                                                      GOBP_REGULATION_OF_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_2_SIGNALING_PATHWAY, GOBP_REGULATION_OF_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_2_SIGNALING_PATHWAY
                                                                                                       DESCARTES_MAIN_FETAL_HORIZONTAL_CELLS, DESCARTES_MAIN_FETAL_HORIZONTAL_CELLS
                                                                                                       GOBP_NEGATIVE_REGULATION_OF_HISTONE_H3_K9_METHYLATION, GOBP_NEGATIVE_REGULATION_OF_HISTONE_H3_K9_METHYLATION
                                                                                                       HP_TYPE_1_MUSCLE_FIBER_ATROPHY, HP_TYPE_1_MUSCLE_FIBER_ATROPHY
                                                                                                       MIR1301_5P, MIR1301_5P
                                                                                                      GOBP_CHOLESTEROL_STORAGE, GOBP_CHOLESTEROL_STORAGE
                                                                                                       MIR6502_5P, MIR6502_5P
                                                                                                       PLASARI_NFIC_TARGETS_BASAL_DN, PLASARI_NFIC_TARGETS_BASAL_DN
                                                                                                       MATSUMIYA\_PBMC\_MODIFIED\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINATED\_VS\_CONTROL\_TREATED\_IN\_VITRO\_WITH\_WILD\_TYPE\_MVA\_6HR\_UP, MATSUMIYA\_PBMC\_MODIFIED\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_VACCINIA\_ANKARA\_ANKARA\_ANAXATA\_ANKARA\_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_ANAXATA_A
                                                                                                       BIOCARTA_ATM_PATHWAY, BIOCARTA_ATM_PATHWAY
                                                                                                     ✓ GOBP_NEGATIVE_REGULATION_OF_CALCIUM_ION_DEPENDENT_EXOCYTOSIS, GOBP_NEGATIVE_REGULATION_OF_CALCIUM_ION_DEPENDENT_EXOCYTOSIS
IFNA TREATED ACT CD4 TCELL UP, GSE20198 IL12 VS IFNA TREATED ACT CD4 TCELL UP
                                                                                                      GOBP_DEHYDROASCORBIC_ACID_TRANSPORT, GOBP_DEHYDROASCORBIC_ACID_TRANSPORT
                                                                                                      GOMF_DEHYDROASCORBIC_ACID_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_DEHYDROASCORBIC_ACID_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                       ACCAATC_MIR509, ACCAATC_MIR509
                                                                                                       HP_DEFORMED_SELLA_TURCICA, HP_DEFORMED_SELLA_TURCICA
                                                                                                       OHM EMBRYONIC CARCINOMA DN, OHM EMBRYONIC CARCINOMA DN
                                                                                                       MIKKELSEN_DEDIFFERENTIATED_STATE_UP, MIKKELSEN_DEDIFFERENTIATED_STATE_UP
                                                                                                      GOBP_LONG_CHAIN_FATTY_ACYL_COA_METABOLIC_PROCESS, GOBP_LONG_CHAIN_FATTY_ACYL_COA_METABOLIC_PROCESS
                                                                                                       LIU_TARGETS_OF_VMYB_VS_CMYB_DN, LIU_TARGETS_OF_VMYB_VS_CMYB_DN
                                                                                                       DING LUNG CANCER MUTATED FREQUENTLY, DING LUNG CANCER MUTATED FREQUENTLY
                                                                                                       HP_SYSTEMIC_LUPUS_ERYTHEMATOSUS, HP_SYSTEMIC_LUPUS_ERYTHEMATOSUS
                                                                                                       GOBP REPLICATIVE SENESCENCE, GOBP REPLICATIVE SENESCENCE
                                                                                                       LI_CYTIDINE_ANALOGS_CYCTOTOXICITY, LI_CYTIDINE_ANALOGS_CYCTOTOXICITY
                                                                                                      GOBP_REGULATION_OF_THYMOCYTE_APOPTOTIC_PROCESS, GOBP_REGULATION_OF_THYMOCYTE_APOPTOTIC_PROCESS
                                                                                                      GOBP_POSITIVE_REGULATION_OF_TRANSCRIPTION_FROM_RNA_POLYMERASE_II_PROMOTER_IN_RESPONSE_TO_HYPOXIA, GOBP_POSITIVE_REGULATION_OF_TRANSCRIPTION_FROM_RNA_POLYMERASE_II_PROMOTER_IN_RESPONSE_TO_HYPOXIA
                                                                                                      REACTOME SARS COV_1 GENOME REPLICATION_AND TRANSCRIPTION, REACTOME SARS COV_1 GENOME REPLICATION_AND TRANSCRIPTION
                                                                                                       REACTOME ENOS ACTIVATION, REACTOME ENOS ACTIVATION
                                                                                                      REACTOME_FORMYL_PEPTIDE_RECEPTORS_BIND_FORMYL_PEPTIDES_AND_MANY_OTHER_LIGANDS, REACTOME_FORMYL_PEPTIDE_RECEPTORS_BIND_FORMYL_PEPTIDES_AND_MANY_OTHER_LIGANDS
                                                                                                      HP_JUVENILE_RHEUMATOID_ARTHRITIS, HP_JUVENILE_RHEUMATOID_ARTHRITIS
                                                                                                      GOBP_MICROTUBULE_ANCHORING_AT_MICROTUBULE_ORGANIZING_CENTER, GOBP_MICROTUBULE_ANCHORING_AT_MICROTUBULE_ORGANIZING_CENTER
                                                                                                      GOBP_PEPTIDYL_L_CYSTEINE_S_PALMITOYLATION, GOBP_PEPTIDYL_L_CYSTEINE_S_PALMITOYLATION
                                                                                                      GOBP_TERPENOID_BIOSYNTHETIC_PROCESS, GOBP_TERPENOID_BIOSYNTHETIC_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
                                                                                                      GOBP_MICROTUBULE_ANCHORING_AT_CENTROSOME, GOBP_MICROTUBULE_ANCHORING_AT_CENTROSOME
                                                                                                      GOCC_COMPACT_MYELIN, GOCC_COMPACT_MYELIN
                                                                                                      GOBP_POSITIVE_REGULATION_OF_PROTEIN_EXPORT_FROM_NUCLEUS, GOBP_POSITIVE_REGULATION_OF_PROTEIN_EXPORT_FROM_NUCLEUS
                                                                                                      GOBP_PYROPTOSIS, GOBP_PYROPTOSIS
                                                                                                      GOBP_PEPTIDYL_LYSINE_MONOMETHYLATION, GOBP_PEPTIDYL_LYSINE_MONOMETHYLATION
                                                                                                      GOBP_POSITIVE_REGULATION_OF_HISTONE_H3_K9_METHYLATION, GOBP_POSITIVE_REGULATION_OF_HISTONE_H3_K9_METHYLATION
                                                                                                      GOBP_SMALL_RNA_LOADING_ONTO_RISC, GOBP_SMALL_RNA_LOADING_ONTO_RISC
                                                                                                      GOCC_FILTRATION_DIAPHRAGM, GOCC_FILTRATION_DIAPHRAGM
                                                                                                      HP_HYPOPLASTIC_FRONTAL_SINUSES, HP_HYPOPLASTIC_FRONTAL_SINUSES
                                                                                                      REACTOME_RUNX3_REGULATES_CDKN1A_TRANSCRIPTION, REACTOME_RUNX3_REGULATES_CDKN1A_TRANSCRIPTION
                                                                                                      GOBP_REGULATION_OF_SECONDARY_METABOLIC_PROCESS, GOBP_REGULATION_OF_SECONDARY_METABOLIC_PROCESS
                                                                                                      HP_ABNORMALITY_OF_THE_SELLA_TURCICA, HP_ABNORMALITY_OF_THE_SELLA_TURCICA
                                                                                                      MIR8059, MIR8059
                                                                                                      MIR4322, MIR4322
                                                                                                      GOBP_CELLULAR_RESPONSE_TO_FLUID_SHEAR_STRESS, GOBP_CELLULAR_RESPONSE_TO_FLUID_SHEAR_STRESS
                                                                                                      HP_POLYGENIC_INHERITANCE, HP_POLYGENIC_INHERITANCE
                                                                                                      ONGUSAHA_BRCA1_TARGETS_DN, ONGUSAHA_BRCA1_TARGETS_DN
                                                                                                      GOBP_INTERLEUKIN_18_PRODUCTION, GOBP_INTERLEUKIN_18_PRODUCTION
                                                                                                      GOBP_REGULATION_OF_VASCULAR_ASSOCIATED_SMOOTH_MUSCLE_CONTRACTION, GOBP_REGULATION_OF_VASCULAR_ASSOCIATED_SMOOTH_MUSCLE_CONTRACTION
                                                                                                      ZNF202_TARGET_GENES, ZNF202_TARGET_GENES
                                                                                                      RYAAAKNNNNNTTGW_UNKNOWN, RYAAAKNNNNNNTTGW_UNKNOWN
                                                                                                      FAN_EMBRYONIC_CTX_IN_2_INTERNEURON, FAN_EMBRYONIC_CTX_IN_2_INTERNEURON
                                                                                                      GOMF_INOSITOL_TRISPHOSPHATE_PHOSPHATASE_ACTIVITY, GOMF_INOSITOL_TRISPHOSPHATE_PHOSPHATASE_ACTIVITY
                                                                                                       MODULE 500, MODULE 500
                                                                                                      GOCC_BETA_CATENIN_DESTRUCTION_COMPLEX, GOCC_BETA_CATENIN_DESTRUCTION_COMPLEX
                                                                                                      GOMF_N_FORMYL_PEPTIDE_RECEPTOR_ACTIVITY, GOMF_N_FORMYL_PEPTIDE_RECEPTOR_ACTIVITY
                                                                                                      GOMF_Y_FORM_DNA_BINDING, GOMF_Y_FORM_DNA_BINDING
                                                                                                      GOBP_STRESS_INDUCED_PREMATURE_SENESCENCE, GOBP_STRESS_INDUCED_PREMATURE_SENESCENCE
                                                                                                      GOBP_REGULATION_OF_ACYL_COA_BIOSYNTHETIC_PROCESS, GOBP_REGULATION_OF_ACYL_COA_BIOSYNTHETIC_PROCESS
                                                                                                       MIR122_3P, MIR122_3P
                                                                                                       HP_RECURRENT_INTRAPULMONARY_HEMORRHAGE, HP_RECURRENT_INTRAPULMONARY_HEMORRHAGE
                                                                                                      GOBP_VITAMIN_A_METABOLIC_PROCESS, GOBP_VITAMIN_A_METABOLIC_PROCESS
                                                                                                      GOBP_RNA_SECONDARY_STRUCTURE_UNWINDING, GOBP_RNA_SECONDARY_STRUCTURE_UNWINDING
                                                                                                      GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CILIUM, GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CILIUM
                                                                                                      HP_PAIN_INSENSITIVITY, HP_PAIN_INSENSITIVITY
                                                                                                      GOBP_REGULATION_OF_NEUROBLAST_PROLIFERATION, GOBP_REGULATION_OF_NEUROBLAST_PROLIFERATION
                                                                                                      GOBP_POSITIVE_REGULATION_OF_CELL_AGING, GOBP_POSITIVE_REGULATION_OF_CELL_AGING
                                                                                                       GOBP_NEGATIVE_REGULATION_OF_T_CELL_RECEPTOR_SIGNALING_PATHWAY, GOBP_NEGATIVE_REGULATION_OF_T_CELL_RECEPTOR_SIGNALING_PATHWAY
                                                                                                       GOBP_REGULATION_OF_CELL_ADHESION_MEDIATED_BY_INTEGRIN, GOBP_REGULATION_OF_CELL_ADHESION_MEDIATED_BY_INTEGRIN
                                                                                                      REACTOME_MET_RECEPTOR_RECYCLING, REACTOME_MET_RECEPTOR_RECYCLING
                                                                                                       HP_ABNORMAL_PROPORTION_OF_CD8_POSITIVE_T_CELLS, HP_ABNORMAL_PROPORTION_OF_CD8_POSITIVE_T_CELLS
                                                                                                       BIOCARTA_HES_PATHWAY, BIOCARTA_HES_PATHWAY
                                                                                                       ZHENG_FOXP3_TARGETS_IN_T_LYMPHOCYTE_UP, ZHENG_FOXP3_TARGETS_IN_T_LYMPHOCYTE_UP
                                                                                                       GOBP_NERVE_GROWTH_FACTOR_SIGNALING_PATHWAY, GOBP_NERVE_GROWTH_FACTOR_SIGNALING_PATHWAY
                                                                                                       HP_AGENESIS_OF_CEREBELLAR_VERMIS, HP_AGENESIS_OF_CEREBELLAR_VERMIS
                                                                                                       GOBP_NEGATIVE_REGULATION_OF_HISTONE_H3_K4_METHYLATION, GOBP_NEGATIVE_REGULATION_OF_HISTONE_H3_K4_METHYLATION
                                                                                                       WP_METHIONINE_METABOLISM_LEADING_TO_SULPHUR_AMINO_ACIDS_AND_RELATED_DISORDERS, WP_METHIONINE_METABOLISM_LEADING_TO_SULPHUR_AMINO_ACIDS_AND_RELATED_DISORDERS
                                                                                                       PID_P38_GAMMA_DELTA_PATHWAY, PID_P38_GAMMA_DELTA_PATHWAY
                                                                                                       HP_RECURRENT_HERPES, HP_RECURRENT_HERPES
                                                                                                       GOBP_REGULATION_OF_PHOSPHOLIPID_TRANSPORT, GOBP_REGULATION_OF_PHOSPHOLIPID_TRANSPORT
                                                                                                       MIR10400_3P_MIR4674, MIR10400_3P_MIR4674
                                                                                                       HP_DYSGAMMAGLOBULINEMIA, HP_DYSGAMMAGLOBULINEMIA
                                                                                                       GOBP_MEDIUM_CHAIN_FATTY_ACID_CATABOLIC_PROCESS, GOBP_MEDIUM_CHAIN_FATTY_ACID_CATABOLIC_PROCESS
                                                                                                       GOMF_PHOSPHATIDYLCHOLINE_FLOPPASE_ACTIVITY, GOMF_PHOSPHATIDYLCHOLINE_FLOPPASE_ACTIVITY
                                                                                                       GOBP_RESPONSE_TO_BILE_ACID, GOBP_RESPONSE_TO_BILE_ACID
                                                                                                       HP_ABSENT_FRONTAL_SINUSES, HP_ABSENT_FRONTAL_SINUSES
                                                                                                       GOBP_DITERPENOID_BIOSYNTHETIC_PROCESS, GOBP_DITERPENOID_BIOSYNTHETIC_PROCESS
                                                                                                      HP_PSEUDOARTHROSIS, HP_PSEUDOARTHROSIS
                                                                                                      GOCC_RISC_LOADING_COMPLEX, GOCC_RISC_LOADING_COMPLEX
                                                                                                       HP_CONGENITAL_POSTERIOR_URETHRAL_VALVE, HP_CONGENITAL_POSTERIOR_URETHRAL_VALVE
                                                                                                       HP_INCREASED_MEGAKARYOCYTE_COUNT, HP_INCREASED_MEGAKARYOCYTE_COUNT
                                                                                                      GOBP_NEGATIVE_REGULATION_OF_AUTOPHAGY_OF_MITOCHONDRION, GOBP_NEGATIVE_REGULATION_OF_AUTOPHAGY_OF_MITOCHONDRION
                                                                                                       GOMF_SPHINGOSINE_N_ACYLTRANSFERASE_ACTIVITY, GOMF_SPHINGOSINE_N_ACYLTRANSFERASE_ACTIVITY
                                                                                                      GOBP_POSITIVE_REGULATION_OF_NECROTIC_CELL_DEATH, GOBP_POSITIVE_REGULATION_OF_NECROTIC_CELL_DEATH
                                                                                                      GOBP_ENDOCRINE_PANCREAS_DEVELOPMENT, GOBP_ENDOCRINE_PANCREAS_DEVELOPMENT
                                                                                                       GOBP_NEGATIVE_REGULATION_OF_ACTIVIN_RECEPTOR_SIGNALING_PATHWAY, GOBP_NEGATIVE_REGULATION_OF_ACTIVIN_RECEPTOR_SIGNALING_PATHWAY
                                                                                                      REACTOME_TP53_REGULATES_TRANSCRIPTION_OF_DEATH_RECEPTORS_AND_LIGANDS, REACTOME_TP53_REGULATES_TRANSCRIPTION_OF_DEATH_RECEPTORS_AND_LIGANDS
                                                                                                       GOBP_OLFACTORY_BULB_INTERNEURON_DEVELOPMENT, GOBP_OLFACTORY_BULB_INTERNEURON_DEVELOPMENT
                                                                                                       GOBP_REGULATION_OF_TOLL_LIKE_RECEPTOR_7_SIGNALING_PATHWAY, GOBP_REGULATION_OF_TOLL_LIKE_RECEPTOR_7_SIGNALING_PATHWAY
                                                                                                       GOMF_FLOPPASE_ACTIVITY, GOMF_FLOPPASE_ACTIVITY
                                                                                                       HP_HEMIFACIAL_SPASM, HP_HEMIFACIAL_SPASM
                                                                                                       HP_SPOTTY_HYPERPIGMENTATION, HP_SPOTTY_HYPERPIGMENTATION
                                                                                                      GOBP_B_CELL_LINEAGE_COMMITMENT, GOBP_B_CELL_LINEAGE_COMMITMENT
                                                                                                      GOMF_INOSITOL_POLYPHOSPHATE_5_PHOSPHATASE_ACTIVITY, GOMF_INOSITOL_POLYPHOSPHATE_5_PHOSPHATASE_ACTIVITY
                                                                                                       REACTOME_REPRESSION_OF_WNT_TARGET_GENES, REACTOME_REPRESSION_OF_WNT_TARGET_GENES
                                                                                                      GCM_PTPRU, GCM_PTPRU
                                                                                                      WP_TP53_NETWORK, WP_TP53_NETWORK
                                                                                                      GOBP_PHOSPHORYLATED_CARBOHYDRATE_DEPHOSPHORYLATION, GOBP_PHOSPHORYLATED_CARBOHYDRATE_DEPHOSPHORYLATION
                                                                                                      GOBP_NEGATIVE_REGULATION_OF_PRODUCTION_OF_MIRNAS_INVOLVED_IN_GENE_SILENCING_BY_MIRNA, GOBP_NEGATIVE_REGULATION_OF_PRODUCTION_OF_MIRNAS_INVOLVED_IN_GENE_SILENCING_BY_MIRNA
                                                                                                       HP OLIGOSPERMIA, HP OLIGOSPERMIA
                                                                                                       GOBP_OLFACTORY_BULB_INTERNEURON_DIFFERENTIATION, GOBP_OLFACTORY_BULB_INTERNEURON_DIFFERENTIATION
                                                                                                      ZNF791_TARGET_GENES, ZNF791_TARGET_GENES
                                                                                                      REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_ASSOCIATION_WITH_CO_FACTORS, REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_ASSOCIATION_WITH_CO_FACTORS
                                                                                                      GOBP_CELLULAR_RESPONSE_TO_MURAMYL_DIPEPTIDE, GOBP_CELLULAR_RESPONSE_TO_MURAMYL_DIPEPTIDE
                                                                                                       GOMF PHOSPHATIDYLINOSITOL 4 5 BISPHOSPHATE 5 PHOSPHATASE ACTIVITY, GOMF PHOSPHATIDYLINOSITOL 4 5 BISPHOSPHATE 5 PHOSPHATASE ACTIVITY
                                                                                                      GOBP_NEGATIVE_REGULATION_OF_CENTRIOLE_REPLICATION, GOBP_NEGATIVE_REGULATION_OF_CENTRIOLE_REPLICATION
                                                                                                      GOBP_DIAPEDESIS, GOBP_DIAPEDESIS
                                                                                                      WP_MICRORNA_NETWORK_ASSOCIATED_WITH_CHRONIC_LYMPHOCYTIC_LEUKEMIA, WP_MICRORNA_NETWORK_ASSOCIATED_WITH_CHRONIC_LYMPHOCYTIC_LEUKEMIA
                                                                                                      GOBP_NEGATIVE_REGULATION_OF_GLYCOGEN_METABOLIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_GLYCOGEN_METABOLIC_PROCESS
                                                                                                      GOMF_INTERLEUKIN_6_RECEPTOR_BINDING, GOMF_INTERLEUKIN_6_RECEPTOR_BINDING
                                                                                                       GOMF_OXYSTEROL_BINDING, GOMF_OXYSTEROL_BINDING
                                                                                                      MIR4485_5P, MIR4485_5P
                                                                                                      GOBP_HYDROGEN_SULFIDE_METABOLIC_PROCESS, GOBP_HYDROGEN_SULFIDE_METABOLIC_PROCESS
                                                                                                      ZNF555_TARGET_GENES, ZNF555_TARGET_GENES
                                                                                                      HP_RECURRENT_GASTROENTERITIS, HP_RECURRENT_GASTROENTERITIS
                                                                                                      GOBP_REGULATION_OF_SULFUR_METABOLIC_PROCESS, GOBP_REGULATION_OF_SULFUR_METABOLIC_PROCESS
                                                                                                      GOBP_BETA_CATENIN_DESTRUCTION_COMPLEX_DISASSEMBLY, GOBP_BETA_CATENIN_DESTRUCTION_COMPLEX_DISASSEMBLY
                                                                                                      CREBL2_TARGET_GENES, CREBL2_TARGET_GENES
                                                                                                      GOBP_NEGATIVE_REGULATION_OF_GLUCOSE_IMPORT, GOBP_NEGATIVE_REGULATION_OF_GLUCOSE_IMPORT
                                                                                                       BIOCARTA_PS1_PATHWAY, BIOCARTA_PS1_PATHWAY
                                                                                                      GOBP_REGULATION_OF_MUSCLE_HYPERTROPHY, GOBP_REGULATION_OF_MUSCLE_HYPERTROPHY
                                                                                                      HP_DECREASED_SERUM_COMPLEMENT_C4, HP_DECREASED_SERUM_COMPLEMENT_C4
                                                                                                      HP_CONGENITAL_PSEUDOARTHROSIS_OF_THE_CLAVICLE, HP_CONGENITAL_PSEUDOARTHROSIS_OF_THE_CLAVICLE
                                                                                                      HP_LUPUS_ANTICOAGULANT, HP_LUPUS_ANTICOAGULANT
                                                                                                      GOBP_SYNAPTIC_TRANSMISSION_GLYCINERGIC, GOBP_SYNAPTIC_TRANSMISSION_GLYCINERGIC
                                                                                                      GOMF_NEUREGULIN_BINDING, GOMF_NEUREGULIN_BINDING
                                                                                                      REACTOME_SIGNALLING_TO_P38_VIA_RIT_AND_RIN, REACTOME_SIGNALLING_TO_P38_VIA_RIT_AND_RIN
                                                                                                      LI_WILMS_TUMOR_ANAPLASTIC_DN, LI_WILMS_TUMOR_ANAPLASTIC_DN
                                                                                                      WP_ULTRACONSERVED_REGION_339_MODULATION_OF_TUMOR_SUPPRESSOR_MICRORNAS_IN_CANCER, WP_ULTRACONSERVED_REGION_339_MODULATION_OF_TUMOR_SUPPRESSOR_MICRORNAS_IN_CANCER
                                                                                                      MIR4440, MIR4440
                                                                                                      HP_MASTOIDITIS, HP_MASTOIDITIS
                                                                                                      HP_CHILDHOOD_ONSET_TRUNCAL_OBESITY, HP_CHILDHOOD_ONSET_TRUNCAL_OBESITY
                                                                                                      HP_THYMUS_HYPERPLASIA, HP_THYMUS_HYPERPLASIA
                                                                                                      HP_ABNORMALITY_OF_CANINE, HP_ABNORMALITY_OF_CANINE
                                                                                                      HP_ENLARGED_CEREBELLUM, HP_ENLARGED_CEREBELLUM
                                                                                                      HP_ASTERIXIS, HP_ASTERIXIS
                                                                                                      GOBP_HOMOSERINE_METABOLIC_PROCESS, GOBP_HOMOSERINE_METABOLIC_PROCESS
                                                                                                      GOBP_GLYCOLYTIC_FERMENTATION, GOBP_GLYCOLYTIC_FERMENTATION
                                                                                                      GOBP_POSITIVE_REGULATION_OF_HISTONE_UBIQUITINATION, GOBP_POSITIVE_REGULATION_OF_HISTONE_UBIQUITINATION
                                                                                                      GOBP_NEGATIVE_REGULATION_OF_GOLGI_TO_PLASMA_MEMBRANE_PROTEIN_TRANSPORT, GOBP_NEGATIVE_REGULATION_OF_GOLGI_TO_PLASMA_MEMBRANE_PROTEIN_TRANSPORT
                                                                                                      GOBP_REGULATION_OF_CARDIAC_MUSCLE_TISSUE_DEVELOPMENT, GOBP_REGULATION_OF_CARDIAC_MUSCLE_TISSUE_DEVELOPMENT
                                                                                                      GOBP_NEGATIVE_REGULATION_OF_MITOPHAGY, GOBP_NEGATIVE_REGULATION_OF_MITOPHAGY
                                                                                                      GOBP_BETA_CATENIN_DESTRUCTION_COMPLEX_ASSEMBLY, GOBP_BETA_CATENIN_DESTRUCTION_COMPLEX_ASSEMBLY
                                                                                                      GOBP_POSITIVE_REGULATION_OF_OSTEOCLAST_DEVELOPMENT, GOBP_POSITIVE_REGULATION_OF_OSTEOCLAST_DEVELOPMENT
                                                                                                      GOMF_INOSITOL_HEXAKISPHOSPHATE_5_KINASE_ACTIVITY, GOMF_INOSITOL_HEXAKISPHOSPHATE_5_KINASE_ACTIVITY
                                                                                                      GOBP_POSITIVE_REGULATION_OF_EXECUTION_PHASE_OF_APOPTOSIS, GOBP_POSITIVE_REGULATION_OF_EXECUTION_PHASE_OF_APOPTOSIS
                                                                                                      ZNF445 TARGET GENES, ZNF445 TARGET GENES
                                                                                                      ZNF514 TARGET GENES, ZNF514 TARGET GENES
                                                                                                      HP_ABNORMALITY_OF_THE_MASTOID, HP_ABNORMALITY_OF_THE_MASTOID
                                                                                                      GOBP_INTERLEUKIN_21_MEDIATED_SIGNALING_PATHWAY, GOBP_INTERLEUKIN_21_MEDIATED_SIGNALING_PATHWAY
                                                                                                      HP_ADRENOCORTICOTROPIC_HORMONE_DEFICIENCY, HP_ADRENOCORTICOTROPIC_HORMONE_DEFICIENCY
                                                                                                      GOBP_HISTONE_H2A_K119_MONOUBIQUITINATION, GOBP_HISTONE_H2A_K119_MONOUBIQUITINATION
                                                                                                      GOMF_INOSITOL_HEXAKISPHOSPHATE_KINASE_ACTIVITY, GOMF_INOSITOL_HEXAKISPHOSPHATE_KINASE_ACTIVITY
                                                                                                      HP_B_CELL_LYMPHOMA, HP_B_CELL_LYMPHOMA
                                                                                                      GOBP_RESPONSE_TO_FLUID_SHEAR_STRESS, GOBP_RESPONSE_TO_FLUID_SHEAR_STRESS
                                                                                                      HP_COMMON_ATRIUM, HP_COMMON_ATRIUM
                                                                                                      MIKKELSEN_PARTIALLY_REPROGRAMMED_TO_PLURIPOTENCY, MIKKELSEN_PARTIALLY_REPROGRAMMED_TO_PLURIPOTENCY
                                                                                                      SU_SALIVARY_GLAND, SU_SALIVARY_GLAND
                                                                                                      GOMF_HEPARAN_SULFATE_SULFOTRANSFERASE_ACTIVITY, GOMF_HEPARAN_SULFATE_SULFOTRANSFERASE_ACTIVITY
                                                                                                      GOBP_POSITIVE_REGULATION_OF_PLASMINOGEN_ACTIVATION, GOBP_POSITIVE_REGULATION_OF_PLASMINOGEN_ACTIVATION
                                                                                                      HP_PALMOPLANTAR_CUTIS_LAXA, HP_PALMOPLANTAR_CUTIS_LAXA
                                                                                                      HP_RECURRENT_PHARYNGITIS, HP_RECURRENT_PHARYNGITIS
                                                                                                      GOBP_NEGATIVE_REGULATION_OF_NEUROBLAST_PROLIFERATION, GOBP_NEGATIVE_REGULATION_OF_NEUROBLAST_PROLIFERATION
                                                                                                      GOBP_RESPONSE_TO_INTERLEUKIN_3, GOBP_RESPONSE_TO_INTERLEUKIN_3
                                                                                                      GOBP_POSITIVE_REGULATION_OF_PROGRAMMED_NECROTIC_CELL_DEATH, GOBP_POSITIVE_REGULATION_OF_PROGRAMMED_NECROTIC_CELL_DEATH
                                                                                                      GOMF_SHORT_CHAIN_CARBOXYLESTERASE_ACTIVITY, GOMF_SHORT_CHAIN_CARBOXYLESTERASE_ACTIVITY
                                                                                                      MYLLYKANGAS_AMPLIFICATION_HOT_SPOT_13, MYLLYKANGAS_AMPLIFICATION_HOT_SPOT_13
                                                                                                      KIM_GLIS2_TARGETS_DN, KIM_GLIS2_TARGETS_DN
                                                                                                      BIOCARTA_MRP_PATHWAY, BIOCARTA_MRP_PATHWAY
                                                                                                      HIPC_SIGNATURES_PROJECT_PBMC_TRIVALENT_INFLUENZA_VACCINE_HIGH_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_YOUNGER_ADULTS
                                                                                                      GOBP_REGULATION_OF_DNA_DEPENDENT_DNA_REPLICATION_INITIATION, GOBP_REGULATION_OF_DNA_DEPENDENT_DNA_REPLICATION_INITIATION
                                                                                                      GOBP_REGULATION_OF_PHOSPHOLIPID_TRANSLOCATION, GOBP_REGULATION_OF_PHOSPHOLIPID_TRANSLOCATION
                                                                                                      GOBP_HYDROGEN_SULFIDE_BIOSYNTHETIC_PROCESS, GOBP_HYDROGEN_SULFIDE_BIOSYNTHETIC_PROCESS
                                                                                                      GOCC_INTERCELLULAR_CANALICULUS, GOCC_INTERCELLULAR_CANALICULUS
                                                                                                      GOMF_PHOSPHATIDYLETHANOLAMINE_FLIPPASE_ACTIVITY, GOMF_PHOSPHATIDYLETHANOLAMINE_FLIPPASE_ACTIVITY
                                                                                                      GOMF_INSULIN_LIKE_GROWTH_FACTOR_RECEPTOR_BINDING, GOMF_INSULIN_LIKE_GROWTH_FACTOR_RECEPTOR_BINDING
                                                                                                      MODULE_215, MODULE_215
                                                                                                      BOYLAN_MULTIPLE_MYELOMA_PCA1_DN, BOYLAN_MULTIPLE_MYELOMA_PCA1_DN
                                                                                                      HP PROSTATITIS, HP PROSTATITIS
                                                                                                      GOMF_ACYL_COA_OXIDASE_ACTIVITY, GOMF_ACYL_COA_OXIDASE_ACTIVITY
                                                                                                      MIR1273C, MIR1273C
                                                                                                      HP_RECURRENT_TONSILLITIS, HP_RECURRENT_TONSILLITIS
                                                                                                      GOBP_PERIPHERAL_NERVOUS_SYSTEM_NEURON_DIFFERENTIATION, GOBP_PERIPHERAL_NERVOUS_SYSTEM_NEURON_DIFFERENTIATION
                                                                                                      OUELLET_OVARIAN_CANCER_INVASIVE_VS_LMP_DN, OUELLET_OVARIAN_CANCER_INVASIVE_VS_LMP_DN
                                                                                                      REACTOME_DOWNREGULATION_OF_ERBB2_ERBB3_SIGNALING, REACTOME_DOWNREGULATION_OF_ERBB2_ERBB3_SIGNALING
                                                                                                      BIOCARTA_GSK3_PATHWAY, BIOCARTA_GSK3_PATHWAY
                                                                                                      GOMF_RETINOL_BINDING, GOMF_RETINOL_BINDING
                                                                                                      GOMF_ACTIVIN_RECEPTOR_BINDING, GOMF_ACTIVIN_RECEPTOR_BINDING
                                                                                                      GOBP_PLANAR_CELL_POLARITY_PATHWAY_INVOLVED_IN_AXIS_ELONGATION, GOBP_PLANAR_CELL_POLARITY_PATHWAY_INVOLVED_IN_AXIS_ELONGATION
                                                                                                      GOMF_ACETYLESTERASE_ACTIVITY, GOMF_ACETYLESTERASE_ACTIVITY
                                                                                                      GOMF_PHOSPHATIDYLINOSITOL_3_4_5_TRISPHOSPHATE_3_PHOSPHATASE_ACTIVITY, GOMF_PHOSPHATIDYLINOSITOL_3_4_5_TRISPHOSPHATE_3_PHOSPHATASE_ACTIVITY
                                                                                                       REACTOME_GRB7_EVENTS_IN_ERBB2_SIGNALING, REACTOME_GRB7_EVENTS_IN_ERBB2_SIGNALING
                                                                                                       GOBP_POSITIVE_REGULATION_OF_PHOSPHOLIPID_TRANSLOCATION, GOBP_POSITIVE_REGULATION_OF_PHOSPHOLIPID_TRANSLOCATION
                                                                                                       GOMF_BETA_1_ADRENERGIC_RECEPTOR_BINDING, GOMF_BETA_1_ADRENERGIC_RECEPTOR_BINDING
                                                                                                       NIKOLSKY BREAST CANCER 19P13 AMPLICON, NIKOLSKY BREAST CANCER 19P13 AMPLICON
                                                                                                       GOBP_SEBACEOUS_GLAND_DEVELOPMENT, GOBP_SEBACEOUS_GLAND_DEVELOPMENT
                                                                                                       GOBP_KERATINOCYTE_DEVELOPMENT, GOBP_KERATINOCYTE_DEVELOPMENT
                                                                                                       SCHAEFFER_PROSTATE_DEVELOPMENT_AND_CANCER_BOX2_UP, SCHAEFFER_PROSTATE_DEVELOPMENT_AND_CANCER_BOX2_UP
                                                                                                       GOBP_AGGRESOME_ASSEMBLY, GOBP_AGGRESOME_ASSEMBLY
                                                                                                      GOBP_NEGATIVE_REGULATION_OF_LYASE_ACTIVITY, GOBP_NEGATIVE_REGULATION_OF_LYASE_ACTIVITY
                                                                                                      GOBP_STRIATED_MUSCLE_CELL_APOPTOTIC_PROCESS, GOBP_STRIATED_MUSCLE_CELL_APOPTOTIC_PROCESS
                                                                                                       GOBP_BONE_MARROW_DEVELOPMENT, GOBP_BONE_MARROW_DEVELOPMENT
                                                                                                      GOMF_PHOSPHATIDYLINOSITOL_TRISPHOSPHATE_PHOSPHATASE_ACTIVITY, GOMF_PHOSPHATIDYLINOSITOL_TRISPHOSPHATE_PHOSPHATASE_ACTIVITY
                                                                                                       CGCTGCT_MIR503, CGCTGCT_MIR503
                                                                                                      NEBEN_AML_WITH_FLT3_OR_NRAS_UP, NEBEN_AML_WITH_FLT3_OR_NRAS_UP
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GSE36392_EOSINOPHIL_VS_MAC_IL25_TREATED_LUNG_DN, GSE36392_EOSINOPHIL_VS_MAC_IL25_TREATED_LUNG_DN