```
GSE7568_IL4_VS_IL4_AND_TGFB_TREATED_MACROPHAGE_24H_DN, GSE7568_IL4_VS_IL4_AND_TGFB_TREATED_MACROPHAGE_24H_DN
                                                                                   GSE31082_DP_VS_CD4_SP_THYMOCYTE_UP, GSE31082_DP_VS_CD4_SP_THYMOCYTE_UP
                                                                                   GSE2770_UNTREATED_VS_IL4_TREATED_ACT_CD4_TCELL_48H_DN, GSE2770_UNTREATED_VS_IL4_TREATED_ACT_CD4_TCELL_48H_DN
                                                                                   GSE14413_UNSTIM_VS_IFNB_STIM_NIH3T3_CELLS_DN, GSE14413_UNSTIM_VS_IFNB_STIM_NIH3T3_CELLS_DN
                                                                                   GSE7460_CD8_TCELL_VS_TREG_ACT_DN, GSE7460_CD8_TCELL_VS_TREG_ACT_DN
                                                                                   GSE27786_NEUTROPHIL_VS_MONO_MAC_DN, GSE27786_NEUTROPHIL_VS_MONO_MAC_DN
                                                                                   GSE5679 PPARG_LIGAND_ROSIGLITAZONE_VS_RARA_AGONIST_AM580_TREATED_DC_UP, GSE5679_PPARG_LIGAND_ROSIGLITAZONE_VS_RARA_AGONIST_AM580_TREATED_DC_UP
                                                                                   GSE10239_NAIVE_VS_KLRG1INT_EFF_CD8_TCELL_DN, GSE10239_NAIVE_VS_KLRG1INT_EFF_CD8_TCELL_DN
                                                                                   GSE27786_LSK_VS_CD4_TCELL_UP, GSE27786_LSK_VS_CD4_TCELL_UP
                                                                                   GSE8685_IL2_STARVED_VS_IL15_ACT_IL2_STARVED_CD4_TCELL_DN, GSE8685_IL2_STARVED_VS_IL15_ACT_IL2_STARVED_CD4_TCELL_DN
                                                                                   GSE3039 ALPHABETA CD8 TCELL VS B2 BCELL DN, GSE3039 ALPHABETA CD8 TCELL VS B2 BCELL DN
                                                                                   GSE9239 CTRL VS_TNF_INHIBITOR_TREATED_DC_DN, GSE9239 CTRL VS_TNF_INHIBITOR_TREATED_DC_DN
                                                                                   GSE7460_CTRL_VS_TGFB_TREATED_ACT_FOXP3_HET_TCONV_UP, GSE7460_CTRL_VS_TGFB_TREATED_ACT_FOXP3_HET_TCONV_UP
                                                                                   GSE45365_NK_CELL_VS_BCELL_UP, GSE45365_NK_CELL_VS_BCELL_UP
                                                                                   UDAYAKUMAR_MED1_TARGETS_UP, UDAYAKUMAR_MED1_TARGETS_UP
                                                                                   GSE2770_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_48H_DN, GSE2770_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_48H_DN
                                                                                   GSE40068_CXCR5NEG_BCL6NEG_CD4_TCELL_VS_CXCR5POS_BCL6NEG_TFH_UP, GSE40068_CXCR5NEG_BCL6NEG_CD4_TCELL_VS_CXCR5POS_BCL6NEG_TFH_UP
                                                                                   REACTOME_RESOLUTION_OF_SISTER_CHROMATID_COHESION, REACTOME_RESOLUTION_OF_SISTER_CHROMATID_COHESION
                                                                                   GSE17721_POLYIC_VS_CPG_0.5H_BMDC_DN, GSE17721_POLYIC_VS_CPG_0.5H_BMDC_DN
                                                                                   REACTOME_RHO_GTPASES_ACTIVATE_FORMINS, REACTOME_RHO_GTPASES_ACTIVATE_FORMINS
                                                                                   GSE17721_CPG_VS_GARDIQUIMOD_8H_BMDC_UP, GSE17721_CPG_VS_GARDIQUIMOD_8H_BMDC_UP
                                                                                   GSE8921 UNSTIM VS TLR1 2 STIM MONOCYTE 6H DN, GSE8921 UNSTIM VS TLR1 2 STIM MONOCYTE 6H DN
                                                                                   GOBP_TRANSCRIPTION_INITIATION_FROM_RNA_POLYMERASE_II_PROMOTER, GOBP_TRANSCRIPTION_INITIATION_FROM_RNA_POLYMERASE_II_PROMOTER
                                                                                   GSE11924_TFH_VS_TH1_CD4_TCELL_DN, GSE11924_TFH_VS_TH1_CD4_TCELL_DN
                                                                                   GSE7460_FOXP3_MUT_VS_WT_ACT_WITH_TGFB_TCONV_UP, GSE7460_FOXP3_MUT_VS_WT_ACT_WITH_TGFB_TCONV_UP
                                                                                   GSE10273_HIGH_IL7_VS_HIGH_IL7_AND_IRF4_IN_IRF4_8_NULL_PRE_BCELL_UP, GSE10273_HIGH_IL7_VS_HIGH_IL7_AND_IRF4_IN_IRF4_8_NULL_PRE_BCELL_UP
                                                                                   GSE13484_12H_VS_3H_YF17D_VACCINE_STIM_PBMC_DN, GSE13484_12H_VS_3H_YF17D_VACCINE_STIM_PBMC_DN
                                                                                   GSE37301_MULTIPOTENT_PROGENITOR_VS_RAG2_KO_NK_CELL_DN, GSE37301_MULTIPOTENT_PROGENITOR_VS_RAG2_KO_NK_CELL_DN
                                                                                   GSE29614_DAY3_VS_DAY7_TIV_FLU_VACCINE_PBMC_DN, GSE29614_DAY3_VS_DAY7_TIV_FLU_VACCINE_PBMC_DN
                                                                                   REACTOME_VIRAL_MESSENGER_RNA_SYNTHESIS, REACTOME_VIRAL_MESSENGER_RNA_SYNTHESIS
                                                                                   GOMF_UBIQUITIN_BINDING, GOMF_UBIQUITIN_BINDING
                                                                                   GSE29614_CTRL_VS_DAY7_TIV_FLU_VACCINE_PBMC_DN, GSE29614_CTRL_VS_DAY7_TIV_FLU_VACCINE_PBMC_DN
                                                                                   MORF_RAB11A, MORF_RAB11A
                                                                                   GSE22282_HYPOXIA_VS_NORMOXIA_MYELOID_DC_UP, GSE22282_HYPOXIA_VS_NORMOXIA_MYELOID_DC_UP
                                                                                   GSE17721_CTRL_VS_LPS_12H_BMDC_DN, GSE17721_CTRL_VS_LPS_12H_BMDC_DN
                                                                                   ZNF595_TARGET_GENES, ZNF595_TARGET_GENES
                                                                                   BYSTRYKH_HEMATOPOIESIS_STEM_CELL_AND_BRAIN_QTL_TRANS, BYSTRYKH_HEMATOPOIESIS_STEM_CELL_AND_BRAIN_QTL_TRANS
                                                                                   GOBP_REGULATION_OF_DNA_REPLICATION, GOBP_REGULATION_OF_DNA_REPLICATION
                                                                                   GOBP_RNA_PHOSPHODIESTER_BOND_HYDROLYSIS_EXONUCLEOLYTIC, GOBP_RNA_PHOSPHODIESTER_BOND_HYDROLYSIS_EXONUCLEOLYTIC
                                                                                   GOMF_3_5_EXONUCLEASE_ACTIVITY, GOMF_3_5_EXONUCLEASE_ACTIVITY
                                                                                   GOMF_EXONUCLEASE_ACTIVITY_ACTIVE_WITH_EITHER_RIBO_OR_DEOXYRIBONUCLEIC_ACIDS_AND_PRODUCING_5_PHOSPHOMONOESTERS, GOMF_EXONUCLEASE_ACTIVITY_ACTIVE_WITH_EITHER_RIBO_OR_DEOXYRIBONUCLEIC_ACIDS_AND_PRODUC
                                                                                   GOBP_PROTEIN_MONOUBIQUITINATION, GOBP_PROTEIN_MONOUBIQUITINATION
                                                                                   GSE21670_TGFB_VS_IL6_TREATED_CD4_TCELL_DN, GSE21670_TGFB_VS_IL6_TREATED_CD4_TCELL_DN
                                                                                   GSE24210 IL35 TREATED VS UNTREATED TCONV CD4 TCELL DN, GSE24210 IL35 TREATED VS UNTREATED TCONV CD4 TCELL DN
                                                                                   GSE17721_LPS_VS_CPG_24H_BMDC_UP, GSE17721_LPS_VS_CPG_24H_BMDC_UP
                                                                                   GSE11961 GERMINAL CENTER BCELL DAY7 VS PLASMA CELL DAY7 UP, GSE11961 GERMINAL CENTER BCELL DAY7 VS PLASMA CELL DAY7 UP
                                                                                   GOMF EXORIBONUCLEASE ACTIVITY, GOMF EXORIBONUCLEASE ACTIVITY
                                                                                   HP_FASCICULATIONS, HP_FASCICULATIONS
                                                                                   REACTOME_POSTMITOTIC_NUCLEAR_PORE_COMPLEX_NPC_REFORMATION, REACTOME_POSTMITOTIC_NUCLEAR_PORE_COMPLEX_NPC_REFORMATION
                                                                                   GOBP MATURATION OF 5 8S RRNA, GOBP MATURATION OF 5 8S RRNA
                                                                                   MIR4659B_5P, MIR4659B_5P
                                                                                   GOBP HISTONE UBIQUITINATION, GOBP HISTONE UBIQUITINATION
                                                                                   HUMMEL BURKITTS LYMPHOMA UP, HUMMEL BURKITTS LYMPHOMA UP
                                                                                   HP_ABNORMAL_PULMONARY_INTERSTITIAL_MORPHOLOGY, HP_ABNORMAL_PULMONARY_INTERSTITIAL_MORPHOLOGY
                                                                                   GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL MEMBRANES ACT AND A3R INH PRETREAT IN MAST CELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL UP, GSE19888 ADENOSINE A3R ACT VS TCELL UP, GSE1988 ADENOSINE A3R ACT VS TCELL UP, GSE1988 ADENOSINE A3R ACT VS TCELL UP, 
                                                                                   GSE8921_UNSTIM_0H_VS_TLR1_2_STIM_MONOCYTE_24H_UP, GSE8921_UNSTIM_0H_VS_TLR1_2_STIM_MONOCYTE_24H_UP
                                                                                   HP_CLUBBING, HP_CLUBBING
                                                                                   REACTOME_SYNTHESIS_OF_ACTIVE_UBIQUITIN_ROLES_OF_E1_AND_E2_ENZYMES, REACTOME_SYNTHESIS_OF_ACTIVE_UBIQUITIN_ROLES_OF_E1_AND_E2_ENZYMES
                                                                                   MIR6787_3P, MIR6787_3P
                                                                                   GOBP_CLEAVAGE_INVOLVED_IN_RRNA_PROCESSING, GOBP_CLEAVAGE_INVOLVED_IN_RRNA_PROCESSING
                                                                                   BENITEZ_GBM_PROTEASOME_INHIBITION_RESPONSE, BENITEZ_GBM_PROTEASOME_INHIBITION_RESPONSE
                                                                                   GOBP_RRNA_CATABOLIC_PROCESS, GOBP_RRNA_CATABOLIC_PROCESS
                                                                                   GOCC_EXORIBONUCLEASE_COMPLEX, GOCC_EXORIBONUCLEASE_COMPLEX
                                                                                   MIR4699_5P, MIR4699_5P
                                                                                   MORF_PTEN, MORF_PTEN
                                                                                   REACTOME_TRANSCRIPTIONAL_ACTIVITY_OF_SMAD2_SMAD3_SMAD4_HETEROTRIMER, REACTOME_TRANSCRIPTIONAL_ACTIVITY_OF_SMAD2_SMAD3_SMAD4_HETEROTRIMER
                                                                                   WP_EUKARYOTIC_TRANSCRIPTION_INITIATION, WP_EUKARYOTIC_TRANSCRIPTION_INITIATION
                                                                                   HP_ABNORMAL_VENOUS_MORPHOLOGY, HP_ABNORMAL_VENOUS_MORPHOLOGY
                                                                                   MIR660 3P, MIR660 3P
                                                                                   GOBP_MATURATION_OF_5_8S_RRNA_FROM_TRICISTRONIC_RRNA_TRANSCRIPT_SSU_RRNA_5_8S_RRNA_LSU_RRNA, GOBP_MATURATION_OF_5_8S_RRNA_FROM_TRICISTRONIC_RRNA_TRANSCRIPT_SSU_RRNA_5_8S_RRNA_LSU_RRNA
                                                                                   CHENG_RESPONSE_TO_NICKEL_ACETATE, CHENG_RESPONSE_TO_NICKEL_ACETATE
                                                                                   WP_TRANSSULFURATION_AND_ONE_CARBON_METABOLISM, WP_TRANSSULFURATION_AND_ONE_CARBON_METABOLISM
                                                                                   MODULE_332, MODULE_332
                                                                                   GOMF_PRENYLTRANSFERASE_ACTIVITY, GOMF_PRENYLTRANSFERASE_ACTIVITY
                                                                                   MIR7851_3P, MIR7851_3P
                                                                                   HP_NEONATAL_RESPIRATORY_DISTRESS, HP_NEONATAL_RESPIRATORY_DISTRESS
                                                                                   WP_PURINE_METABOLISM_AND_RELATED_DISORDERS, WP_PURINE_METABOLISM_AND_RELATED_DISORDERS
                                                                                   GOBP_MICROTUBULE_POLYMERIZATION, GOBP_MICROTUBULE_POLYMERIZATION
                                                                                   GOBP_HORMONE_MEDIATED_SIGNALING_PATHWAY, GOBP_HORMONE_MEDIATED_SIGNALING_PATHWAY
                                                                                   REACTOME NOTCH HLH TRANSCRIPTION PATHWAY, REACTOME NOTCH HLH TRANSCRIPTION PATHWAY
                                                                                   HP WIDELY SPACED TEETH, HP WIDELY SPACED TEETH
                                                                                   REACTOME SMAD2 SMAD3 SMAD4 HETEROTRIMER REGULATES TRANSCRIPTION, REACTOME SMAD2 SMAD3 SMAD4 HETEROTRIMER REGULATES TRANSCRIPTION
                                                                                   GSE17721_LPS_VS_GARDIQUIMOD_1H_BMDC_UP, GSE17721_LPS_VS_GARDIQUIMOD_1H_BMDC_UP
                                                                                   MIR1285_5P, MIR1285_5P
                                                                                   IWANAGA_CARCINOGENESIS_BY_KRAS_PTEN_UP, IWANAGA_CARCINOGENESIS_BY_KRAS_PTEN_UP
                                                                                   HP_MICROCORNEA, HP_MICROCORNEA
                                                                                   GOBP_TRANSCRIPTION_PREINITIATION_COMPLEX_ASSEMBLY, GOBP_TRANSCRIPTION_PREINITIATION_COMPLEX_ASSEMBLY
                                                                                   MIR4695 5P, MIR4695 5P
                                                                                   VECCHI_GASTRIC_CANCER_ADVANCED_VS_EARLY_DN, VECCHI_GASTRIC_CANCER_ADVANCED_VS_EARLY_DN
                                                                                   GOCC_MICROTUBULE_END, GOCC_MICROTUBULE_END
                                                                                  HP_MOTOR_POLYNEUROPATHY, HP_MOTOR_POLYNEUROPATHY
                                                                                   GOBP_RNA_CAPPING, GOBP_RNA_CAPPING
                                                                                  HP_APLASIA_HYPOPLASIA_OF_THE_SPLEEN, HP_APLASIA_HYPOPLASIA_OF_THE_SPLEEN
                                                                                  HP_DRY_SKIN, HP_DRY_SKIN
                                                                                   GOBP_POSITIVE_REGULATION_OF_PROTEIN_TARGETING_TO_MITOCHONDRION, GOBP_POSITIVE_REGULATION_OF_PROTEIN_TARGETING_TO_MITOCHONDRION
                                                                                   MIR6807_5P, MIR6807_5P
                                                                                   HP_PRODUCTIVE_COUGH, HP_PRODUCTIVE_COUGH
                                                                                   GOBP_EXIT_FROM_MITOSIS, GOBP_EXIT_FROM_MITOSIS
                                                                                   HP ABNORMAL SPERM MOTILITY, HP ABNORMAL SPERM MOTILITY
                                                                                   BROWNE_HCMV_INFECTION_30MIN_DN, BROWNE_HCMV_INFECTION_30MIN_DN
                                                                                   GOMF_TBP_CLASS_PROTEIN_BINDING, GOMF_TBP_CLASS_PROTEIN_BINDING
                                                                                   GOBP_NEGATIVE_REGULATION_OF_DNA_DEPENDENT_DNA_REPLICATION, GOBP_NEGATIVE_REGULATION_OF_DNA_DEPENDENT_DNA_REPLICATION
                                                                                   REACTOME_MRNA_DECAY_BY_3_TO_5_EXORIBONUCLEASE, REACTOME_MRNA_DECAY_BY_3_TO_5_EXORIBONUCLEASE
                                                                                   REACTOME_KSRP_KHSRP_BINDS_AND_DESTABILIZES_MRNA, REACTOME_KSRP_KHSRP_BINDS_AND_DESTABILIZES_MRNA
                                                                                   HP HYPOMIMIC FACE, HP HYPOMIMIC FACE
                                                                                   GOMF_UBIQUITIN_LIKE_PROTEIN_SPECIFIC_PROTEASE_ACTIVITY, GOMF_UBIQUITIN_LIKE_PROTEIN_SPECIFIC_PROTEASE_ACTIVITY
                                                                                   GOBP_POSITIVE_REGULATION_OF_TRANSLATIONAL_INITIATION, GOBP_POSITIVE_REGULATION_OF_TRANSLATIONAL_INITIATION
                                                                                   HP_BRONCHITIS, HP_BRONCHITIS
                                                                                   GOMF_K63_LINKED_POLYUBIQUITIN_MODIFICATION_DEPENDENT_PROTEIN_BINDING, GOMF_K63_LINKED_POLYUBIQUITIN_MODIFICATION_DEPENDENT_PROTEIN_BINDING
                                                                                   GOBP_PTERIDINE_CONTAINING_COMPOUND_METABOLIC_PROCESS, GOBP_PTERIDINE_CONTAINING_COMPOUND_METABOLIC_PROCESS
                                                                                   GSE17721_POLYIC_VS_CPG_0.5H_BMDC_UP, GSE17721_POLYIC_VS_CPG_0.5H_BMDC_UP
                                                                                   WP_FLUOROPYRIMIDINE_ACTIVITY, WP_FLUOROPYRIMIDINE_ACTIVITY
                                                                                   GOBP_MICROTUBULE_NUCLEATION, GOBP_MICROTUBULE_NUCLEATION
                                                                                   GOMF_UBIQUITINATION_LIKE_MODIFICATION_DEPENDENT_PROTEIN_BINDING, GOMF_UBIQUITINATION_LIKE_MODIFICATION_DEPENDENT_PROTEIN_BINDING
                                                                                   GOMF_RIBOSOMAL_LARGE_SUBUNIT_BINDING, GOMF_RIBOSOMAL_LARGE_SUBUNIT_BINDING
                                                                                   HP_RECURRENT_MYCOBACTERIAL_INFECTIONS, HP_RECURRENT_MYCOBACTERIAL_INFECTIONS
                                                                                  GOCC_N_TERMINAL_PROTEIN_ACETYLTRANSFERASE_COMPLEX, GOCC_N_TERMINAL_PROTEIN_ACETYLTRANSFERASE_COMPLEX
S_CD4_SP_THYMOCYTE_UP, GSE31082_DN_VS_CD4_SP_THYMOCYTE_UP
                                                                                   HP_SUPERNUMERARY_SPLEENS, HP_SUPERNUMERARY_SPLEENS
                                                                                   GOBP_RNA_SURVEILLANCE, GOBP_RNA_SURVEILLANCE
                                                                                   MIR4538, MIR4538
                                                                                   GOBP_MODULATION_BY_HOST_OF_SYMBIONT_PROCESS, GOBP_MODULATION_BY_HOST_OF_SYMBIONT_PROCESS
                                                                                   GOCC_CYTOPLASMIC_EXOSOME_RNASE_COMPLEX, GOCC_CYTOPLASMIC_EXOSOME_RNASE_COMPLEX
                                                                                   REACTOME_HDR_THROUGH_MMEJ_ALT_NHEJ, REACTOME_HDR_THROUGH_MMEJ_ALT_NHEJ
                                                                                   GOBP_HISTONE_H2A_UBIQUITINATION, GOBP_HISTONE_H2A_UBIQUITINATION
                                                                                   GNF2_RAD23A, GNF2_RAD23A
                                                                                   HP_BROAD_FACE, HP_BROAD_FACE
                                                                                   HP_ATELECTASIS, HP_ATELECTASIS
                                                                                   GSE5589_WT_VS_IL6_KO_LPS_AND_IL10_STIM_MACROPHAGE_180MIN_UP, GSE5589_WT_VS_IL6_KO_LPS_AND_IL10_STIM_MACROPHAGE_180MIN_UP
                                                                                   REACTOME_SIGNALING_BY_FGFR_IN_DISEASE, REACTOME_SIGNALING_BY_FGFR_IN_DISEASE
                                                                                   GOCC_NUCLEAR_PORE_OUTER_RING, GOCC_NUCLEAR_PORE_OUTER_RING
                                                                                   MIR382_5P, MIR382_5P
                                                                                   GOCC_NUCLEAR_EXOSOME_RNASE_COMPLEX, GOCC_NUCLEAR_EXOSOME_RNASE_COMPLEX
                                                                                   REACTOME_PURINE_RIBONUCLEOSIDE_MONOPHOSPHATE_BIOSYNTHESIS, REACTOME_PURINE_RIBONUCLEOSIDE_MONOPHOSPHATE_BIOSYNTHESIS
                                                                                   HP_FEMALE_INFERTILITY, HP_FEMALE_INFERTILITY
                                                                                   LAKE_ADULT_KIDNEY_C25_ENDOTHELIAL_CELLS_UNASSIGNED, LAKE_ADULT_KIDNEY_C25_ENDOTHELIAL_CELLS_UNASSIGNED
                                                                                   GOBP_NEGATIVE_REGULATION_OF_DNA_REPLICATION, GOBP_NEGATIVE_REGULATION_OF_DNA_REPLICATION
                                                                                   GOBP_PORE_COMPLEX_ASSEMBLY, GOBP_PORE_COMPLEX_ASSEMBLY
                                                                                   GNF2_SPTA1, GNF2_SPTA1
                                                                                   HP_RECURRENT_SINOPULMONARY_INFECTIONS, HP_RECURRENT_SINOPULMONARY_INFECTIONS
                                                                                  HP_ABNORMALITY_OF_DNA_REPAIR, HP_ABNORMALITY_OF_DNA_REPAIR
                                                                                   GOBP_N_TERMINAL_PROTEIN_AMINO_ACID_MODIFICATION, GOBP_N_TERMINAL_PROTEIN_AMINO_ACID_MODIFICATION
                                                                                   HP_CHRONIC_SINUSITIS, HP_CHRONIC_SINUSITIS
                                                                                   MIR5186, MIR5186
                                                                                   MIR4453, MIR4453
                                                                                   GOBP_REGULATION_OF_DNA_TEMPLATED_TRANSCRIPTION_INITIATION, GOBP_REGULATION_OF_DNA_TEMPLATED_TRANSCRIPTION_INITIATION
                                                                                   GOBP_REGULATION_OF_ANDROGEN_RECEPTOR_SIGNALING_PATHWAY, GOBP_REGULATION_OF_ANDROGEN_RECEPTOR_SIGNALING_PATHWAY
                                                                                   GOBP_NUCLEAR_PORE_ORGANIZATION, GOBP_NUCLEAR_PORE_ORGANIZATION
                                                                                   GOBP_POLYOL_BIOSYNTHETIC_PROCESS, GOBP_POLYOL_BIOSYNTHETIC_PROCESS
                                                                                   chr2p22, chr2p22
                                                                                   GOMF_PROTEIN_PRENYLTRANSFERASE_ACTIVITY, GOMF_PROTEIN_PRENYLTRANSFERASE_ACTIVITY
                                                                                   GOBP_DNA_DOUBLE_STRAND_BREAK_PROCESSING, GOBP_DNA_DOUBLE_STRAND_BREAK_PROCESSING
                                                                                   GOBP_UBIQUITIN_DEPENDENT_PROTEIN_CATABOLIC_PROCESS_VIA_THE_MULTIVESICULAR_BODY_SORTING_PATHWAY, GOBP_UBIQUITIN_DEPENDENT_PROTEIN_CATABOLIC_PROCESS_VIA_THE_MULTIVESICULAR_BODY_SORTING_PATHWAY
                                                                                   GOBP_REGULATION_OF_MICROTUBULE_BASED_MOVEMENT, GOBP_REGULATION_OF_MICROTUBULE_BASED_MOVEMENT
                                                                                   BOYAULT_LIVER_CANCER_SUBCLASS_G12_DN, BOYAULT_LIVER_CANCER_SUBCLASS_G12_DN
                                                                                   GOMF_UBIQUITIN_DEPENDENT_PROTEIN_BINDING, GOMF_UBIQUITIN_DEPENDENT_PROTEIN_BINDING
                                                                                   PID_REG_GR_PATHWAY, PID_REG_GR_PATHWAY
                                                                                   GOMF_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_THE_CH_NH_GROUP_OF_DONORS, GOMF_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_THE_CH_NH_GROUP_OF_DONORS
                                                                                   GOBP_MICROTUBULE_DEPOLYMERIZATION, GOBP_MICROTUBULE_DEPOLYMERIZATION
                                                                                   GOBP_POLY_A_PLUS_MRNA_EXPORT_FROM_NUCLEUS, GOBP_POLY_A_PLUS_MRNA_EXPORT_FROM_NUCLEUS
                                                                                   HP ABNORMALITY OF THE PULMONARY VEINS, HP ABNORMALITY OF THE PULMONARY VEINS
                                                                                   REACTOME_LOSS_OF_FUNCTION_OF_MECP2_IN_RETT_SYNDROME, REACTOME_LOSS_OF_FUNCTION_OF_MECP2_IN_RETT_SYNDROME
                                                                                   GOBP_TRANSCRIPTION_INITIATION_FROM_RNA_POLYMERASE_III_PROMOTER, GOBP_TRANSCRIPTION_INITIATION_FROM_RNA_POLYMERASE_III_PROMOTER
                                                                                   GOBP_IMP_METABOLIC_PROCESS, GOBP_IMP_METABOLIC_PROCESS
                                                                                   HP_WHEEZING, HP_WHEEZING
                                                                                   HP_ABNORMAL_RESPIRATORY_MOTILE_CILIUM_MORPHOLOGY, HP_ABNORMAL_RESPIRATORY_MOTILE_CILIUM_MORPHOLOGY
                                                                                   HOXD1_TARGET_GENES, HOXD1_TARGET_GENES
                                                                                   KEGG_ONE_CARBON_POOL_BY_FOLATE, KEGG_ONE_CARBON_POOL_BY_FOLATE
                                                                                   HP_NASAL_OBSTRUCTION, HP_NASAL_OBSTRUCTION
                                                                                   HP_ABNORMAL_HAIR_LABORATORY_EXAMINATION, HP_ABNORMAL_HAIR_LABORATORY_EXAMINATION
                                                                                   HP_HYPOPLASIA_OF_DENTAL_ENAMEL, HP_HYPOPLASIA_OF_DENTAL_ENAMEL
                                                                                   GOBP PTERIDINE CONTAINING COMPOUND BIOSYNTHETIC PROCESS, GOBP PTERIDINE CONTAINING COMPOUND BIOSYNTHETIC PROCESS
                                                                                   HP_SHUFFLING_GAIT, HP_SHUFFLING_GAIT
                                                                                   GOBP_TRANSCRIPTION_DEPENDENT_TETHERING_OF_RNA_POLYMERASE_II_GENE_DNA_AT_NUCLEAR_PERIPHERY, GOBP_TRANSCRIPTION_DEPENDENT_TETHERING_OF_RNA_POLYMERASE_II_GENE_DNA_AT_NUCLEAR_PERIPHERY
                                                                                   GOMF_BETA_TUBULIN_BINDING, GOMF_BETA_TUBULIN_BINDING
                                                                                   WP_PRION_DISEASE_PATHWAY, WP_PRION_DISEASE_PATHWAY
                                                                                   GOCC_MICROTUBULE_PLUS_END, GOCC_MICROTUBULE_PLUS_END
                                                                                   GOCC_RNA_POLYMERASE_III_TRANSCRIPTION_REGULATOR_COMPLEX, GOCC_RNA_POLYMERASE_III_TRANSCRIPTION_REGULATOR_COMPLEX
                                                                                   HP ABNORMAL VENA CAVA MORPHOLOGY, HP ABNORMAL VENA CAVA MORPHOLOGY
                                                                                   GOBP_CENTRIOLE_ELONGATION, GOBP_CENTRIOLE_ELONGATION
                                                                                   GOCC_MRE11_COMPLEX, GOCC_MRE11_COMPLEX
                                                                                   REACTOME_CREB_PHOSPHORYLATION, REACTOME_CREB_PHOSPHORYLATION
                                                                                   GOCC_SIN3_TYPE_COMPLEX, GOCC_SIN3_TYPE_COMPLEX
                                                                                   HP_ABNORMAL_ATRIAL_ARRANGEMENT, HP_ABNORMAL_ATRIAL_ARRANGEMENT
                                                                                   HP_TRANSPOSITION_OF_THE_GREAT_ARTERIES, HP_TRANSPOSITION_OF_THE_GREAT_ARTERIES
                                                                                   MIR409_5P, MIR409_5P
                                                                                   GOMF_STRUCTURAL_CONSTITUENT_OF_NUCLEAR_PORE, GOMF_STRUCTURAL_CONSTITUENT_OF_NUCLEAR_PORE
                                                                                   HP CONGENITAL MALFORMATION OF THE RIGHT HEART, HP CONGENITAL MALFORMATION OF THE RIGHT HEART
                                                                                   REACTOME_TRISTETRAPROLIN_TTP_ZFP36_BINDS_AND_DESTABILIZES_MRNA, REACTOME_TRISTETRAPROLIN_TTP_ZFP36_BINDS_AND_DESTABILIZES_MRNA
                                                                                   GOBP GOLGI DISASSEMBLY, GOBP GOLGI DISASSEMBLY
                                                                                   GSE11924 TH1 VS TH17 CD4 TCELL UP, GSE11924 TH1 VS TH17 CD4 TCELL UP
                                                                                   GOBP_FOLIC_ACID_METABOLIC_PROCESS, GOBP_FOLIC_ACID_METABOLIC_PROCESS
                                                                                   HP CHRONIC RHINITIS, HP CHRONIC RHINITIS
                                                                                   GOBP_TRNA_TRANSCRIPTION, GOBP_TRNA_TRANSCRIPTION
                                                                                   GOBP_RRNA_3_END_PROCESSING, GOBP_RRNA_3_END_PROCESSING
                                                                                   GOBP_DNA_CATABOLIC_PROCESS, GOBP_DNA_CATABOLIC_PROCESS
                                                                                   REACTOME_SYNTHESIS_OF_DOLICHYL_PHOSPHATE, REACTOME_SYNTHESIS_OF_DOLICHYL_PHOSPHATE
                                                                                   HP_RHINITIS, HP_RHINITIS
                                                                                   GOBP_REGULATION_OF_MICROTUBULE_POLYMERIZATION, GOBP_REGULATION_OF_MICROTUBULE_POLYMERIZATION
                                                                                   MIR9900, MIR9900
                                                                                   GOBP_ASTRAL_MICROTUBULE_ORGANIZATION, GOBP_ASTRAL_MICROTUBULE_ORGANIZATION
                                                                                   GOBP_IMP_BIOSYNTHETIC_PROCESS, GOBP_IMP_BIOSYNTHETIC_PROCESS
                                                                                   HP_POLYSPLENIA, HP_POLYSPLENIA
                                                                                   GOBP_NEGATIVE_REGULATION_OF_ANDROGEN_RECEPTOR_SIGNALING_PATHWAY, GOBP_NEGATIVE_REGULATION_OF_ANDROGEN_RECEPTOR_SIGNALING_PATHWAY
                                                                                   GOBP_POSITIVE_REGULATION_OF_EXOCYTOSIS, GOBP_POSITIVE_REGULATION_OF_EXOCYTOSIS
                                                                                   GOBP_PROTOPORPHYRINOGEN_IX_BIOSYNTHETIC_PROCESS, GOBP_PROTOPORPHYRINOGEN_IX_BIOSYNTHETIC_PROCESS
                                                                                   GOBP NUCLEAR PORE COMPLEX ASSEMBLY, GOBP NUCLEAR PORE COMPLEX ASSEMBLY
                                                                                   KEGG_NOTCH_SIGNALING_PATHWAY, KEGG_NOTCH_SIGNALING_PATHWAY
                                                                                   HP_ABNORMAL_NASAL_MUCOSA_MORPHOLOGY, HP_ABNORMAL_NASAL_MUCOSA_MORPHOLOGY
                                                                                   GOBP_EXTRACELLULAR_TRANSPORT, GOBP_EXTRACELLULAR_TRANSPORT
                                                                                   MIR1238 5P MIR4758 5P, MIR1238 5P MIR4758 5P
                                                                                   REACTOME_METABOLISM_OF_FOLATE_AND_PTERINES, REACTOME_METABOLISM_OF_FOLATE_AND_PTERINES
                                                                                   MIR10396A_3P_MIR10396B_3P, MIR10396A_3P_MIR10396B_3P
                                                                                   GOBP_RESPONSE_TO_CAMPTOTHECIN, GOBP_RESPONSE_TO_CAMPTOTHECIN
                                                                                   WP_LDLRAD4_AND_WHAT_WE_KNOW_ABOUT_IT, WP_LDLRAD4_AND_WHAT_WE_KNOW_ABOUT_IT
                                                                                   HP_SMALL_CEREBRAL_CORTEX, HP_SMALL_CEREBRAL_CORTEX
                                                                                   GOBP_DNA_CATABOLIC_PROCESS_EXONUCLEOLYTIC, GOBP_DNA_CATABOLIC_PROCESS_EXONUCLEOLYTIC
                                                                                   REACTOME_MECP2_REGULATES_TRANSCRIPTION_OF_NEURONAL_LIGANDS, REACTOME_MECP2_REGULATES_TRANSCRIPTION_OF_NEURONAL_LIGANDS
                                                                                   GOBP_GLYCEROL_3_PHOSPHATE_METABOLIC_PROCESS, GOBP_GLYCEROL_3_PHOSPHATE_METABOLIC_PROCESS
                                                                                   NIKOLSKY_BREAST_CANCER_17Q11_Q21_AMPLICON, NIKOLSKY_BREAST_CANCER_17Q11_Q21_AMPLICON
                                                                                   HP_WIDE_NASAL_RIDGE, HP_WIDE_NASAL_RIDGE
                                                                                   WILLIAMS_ESR2_TARGETS_DN, WILLIAMS_ESR2_TARGETS_DN
                                                                                   GOMF_PHOSPHATIDYLINOSITOL_3_KINASE_ACTIVITY, GOMF_PHOSPHATIDYLINOSITOL_3_KINASE_ACTIVITY
                                                                                   HP_PSYCHOTIC_EPISODES, HP_PSYCHOTIC_EPISODES
                                                                                   HP RECURRENT CUTANEOUS ABSCESS FORMATION, HP RECURRENT CUTANEOUS ABSCESS FORMATION
                                                                                   GOBP DE NOVO IMP BIOSYNTHETIC PROCESS, GOBP DE NOVO IMP BIOSYNTHETIC PROCESS
                                                                                   GOBP_RESPONSE_TO_AMMONIUM_ION, GOBP_RESPONSE_TO_AMMONIUM_ION
                                                                                   REACTOME_SULFIDE_OXIDATION_TO_SULFATE, REACTOME_SULFIDE_OXIDATION_TO_SULFATE
                                                                                   REACTOME_PHENYLALANINE_METABOLISM, REACTOME_PHENYLALANINE_METABOLISM
                                                                                   SNAPC2_TARGET_GENES, SNAPC2_TARGET_GENES
                                                                                   GOCC_GAMMA_TUBULIN_COMPLEX, GOCC_GAMMA_TUBULIN_COMPLEX
                                                                                   HP_ABNORMAL_RESPIRATORY_MOTILE_CILIUM_PHYSIOLOGY, HP_ABNORMAL_RESPIRATORY_MOTILE_CILIUM_PHYSIOLOGY
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GOBP\_CORTICOSTEROID\_RECEPTOR\_SIGNALING\_PATHWAY, GOBP\_CORTICOSTEROID\_RECEPTOR\_SIGNALING\_PATHWAY

GOBP\_FOLIC\_ACID\_CONTAINING\_COMPOUND\_METABOLIC\_PROCESS, GOBP\_FOLIC\_ACID\_CONTAINING\_COMPOUND\_METABOLIC\_PROCESS

GOBP\_DIOL\_METABOLIC\_PROCESS, GOBP\_DIOL\_METABOLIC\_PROCESS