```
GSE43863_TFH_VS_LY6C_LOW_CXCR5NEG_EFFECTOR_CD4_TCELL_UP, GSE43863_TFH_VS_LY6C_LOW_CXCR5NEG_EFFECTOR_CD4_TCELL_UP
                                                                       GSE29618_BCELL_VS_PDC_DAY7_FLU_VACCINE_DN, GSE29618_BCELL_VS_PDC_DAY7_FLU_VACCINE_DN
                                                                       GSE9006_TYPE_1_VS_TYPE_2_DIABETES_PBMC_AT_DX_DN, GSE9006_TYPE_1_VS_TYPE_2_DIABETES_PBMC_AT_DX_DN
                                                                       GSE17721_ALL_VS_24H_PAM3CSK4_BMDC_UP, GSE17721_ALL_VS_24H_PAM3CSK4_BMDC_UP
                                                                       GSE1432 1H VS 24H IFNG MICROGLIA DN, GSE1432 1H VS 24H IFNG MICROGLIA DN
                                                                       GSE29618_MONOCYTE_VS_PDC_DN, GSE29618_MONOCYTE_VS_PDC_DN
                                                                       GSE17974_0H_VS_4H_IN_VITRO_ACT_CD4_TCELL_UP, GSE17974_0H_VS_4H_IN_VITRO_ACT_CD4_TCELL_UP
                                                                       GSE37534_UNTREATED_VS_ROSIGLITAZONE_TREATED_CD4_TCELL_PPARG1_AND_FOXP3_TRASDUCED_DN, GSE37534_UNTREATED_VS_ROSIGLITAZONE_TREATED_CD4_TCELL_PPARG1_AND_FOXP3_TRASDUCED_DN
                                                                       GSE3982_EOSINOPHIL_VS_TH2_UP, GSE3982_EOSINOPHIL_VS_TH2_UP
                                                                        HP_FULL_CHEEKS, HP_FULL_CHEEKS
                                                                        GSE17721_12H_VS_24H_GARDIQUIMOD_BMDC_UP, GSE17721_12H_VS_24H_GARDIQUIMOD_BMDC_UP
                                                                       GSE17301_CTRL_VS_48H_ACD3_ACD28_STIM_CD8_TCELL_UP, GSE17301_CTRL_VS_48H_ACD3_ACD28_STIM_CD8_TCELL_UP
                                                                      REACTOME_DEATH_RECEPTOR_SIGNALLING, REACTOME_DEATH_RECEPTOR_SIGNALLING
                                                                       GSE29618 PDC VS MDC UP, GSE29618 PDC VS MDC UP
                                                                       GSE29618_PDC_VS_MDC_DAY7_FLU_VACCINE_UP, GSE29618_PDC_VS_MDC_DAY7_FLU_VACCINE_UP
                                                                       GOBP_ORGANELLE_FUSION, GOBP_ORGANELLE_FUSION
                                                                       GOBP_NIK_NF_KAPPAB_SIGNALING, GOBP_NIK_NF_KAPPAB_SIGNALING
                                                                       GSE7831_UNSTIM_VS_CPG_STIM_PDC_4H_DN, GSE7831_UNSTIM_VS_CPG_STIM_PDC_4H_DN
                                                                       MIR4275, MIR4275
                                                                       GSE9006_HEALTHY_VS_TYPE_2_DIABETES_PBMC_AT_DX_DN, GSE9006_HEALTHY_VS_TYPE_2_DIABETES_PBMC_AT_DX_DN
                                                                       PID_PDGFRB_PATHWAY, PID_PDGFRB_PATHWAY
                                                                       WP_EBOLA_VIRUS_PATHWAY_ON_HOST, WP_EBOLA_VIRUS_PATHWAY_ON_HOST
                                                                       GSE43863_DAY6_EFF_VS_DAY150_MEM_TH1_CD4_TCELL_DN, GSE43863_DAY6_EFF_VS_DAY150_MEM_TH1_CD4_TCELL_DN
                                                                       GSE27786_LSK_VS_MONO_MAC_DN, GSE27786_LSK_VS_MONO_MAC_DN
                                                                       GSE3982_BCELL_VS_CENT_MEMORY_CD4_TCELL_UP, GSE3982_BCELL_VS_CENT_MEMORY_CD4_TCELL_UP
                                                                       REACTOME TCR SIGNALING, REACTOME TCR SIGNALING
                                                                       BENPORATH_NOS_TARGETS, BENPORATH_NOS_TARGETS
                                                                       GOBP_POSITIVE_REGULATION_OF_WNT_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_WNT_SIGNALING_PATHWAY
                                                                       GSE17721_POLYIC_VS_PAM3CSK4_1H_BMDC_DN, GSE17721_POLYIC_VS_PAM3CSK4_1H_BMDC_DN
                                                                       REACTOME_SIGNALING_BY_VEGF, REACTOME_SIGNALING_BY_VEGF
                                                                       HALLMARK UV RESPONSE DN, HALLMARK UV RESPONSE DN
                                                                       GSE17721_CTRL_VS_POLYIC_8H_BMDC_DN, GSE17721_CTRL_VS_POLYIC_8H_BMDC_DN
                                                                      GSE6269_STAPH_AUREUS_VS_STREP_PNEUMO_INF_PBMC_DN, GSE6269_STAPH_AUREUS_VS_STREP_PNEUMO_INF_PBMC_DN
                                                                       HP_LEUKOCYTOSIS, HP_LEUKOCYTOSIS
                                                                       GSE360_L_MAJOR_VS_M_TUBERCULOSIS_DC_UP, GSE360_L_MAJOR_VS_M_TUBERCULOSIS_DC_UP
                                                                       WP_GASTRIN_SIGNALING_PATHWAY, WP_GASTRIN_SIGNALING_PATHWAY
                                                                       GOBP_REGULATION_OF_CELL_PROJECTION_ASSEMBLY, GOBP_REGULATION_OF_CELL_PROJECTION_ASSEMBLY
                                                                       MIR329_5P, MIR329_5P
                                                                      GSE20500_CTRL_VS_RETINOIC_ACID_TREATED_CD4_TCELL_DN, GSE20500_CTRL_VS_RETINOIC_ACID_TREATED_CD4_TCELL_DN
                                                                       GOBP_POSITIVE_REGULATION_OF_CANONICAL_WNT_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_CANONICAL_WNT_SIGNALING_PATHWAY
                                                                      GOBP_REGULATION_OF_ACTIN_FILAMENT_LENGTH, GOBP_REGULATION_OF_ACTIN_FILAMENT_LENGTH
                                                                      GSE30971_WBP7_HET_VS_KO_MACROPHAGE_2H_LPS_STIM_DN, GSE30971_WBP7_HET_VS_KO_MACROPHAGE_2H_LPS_STIM_DN
                                                                       LAKE ADULT KIDNEY C23 ENDOTHELIAL CELLS AVR, LAKE ADULT KIDNEY C23 ENDOTHELIAL CELLS AVR
                                                                       GSE2706_UNSTIM_VS_8H_R848_DC_DN, GSE2706_UNSTIM_VS_8H_R848_DC_DN
                                                                       HP_DUPLICATION_INVOLVING_BONES_OF_THE_FEET, HP_DUPLICATION_INVOLVING_BONES_OF_THE_FEET
                                                                       GOBP_POSITIVE_REGULATION_OF_NF_KAPPAB_TRANSCRIPTION_FACTOR_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_NF_KAPPAB_TRANSCRIPTION_FACTOR_ACTIVITY
                                                                       DACOSTA_UV_RESPONSE_VIA_ERCC3_XPCS_DN, DACOSTA_UV_RESPONSE_VIA_ERCC3_XPCS_DN
                                                                      GSE30971_WBP7_HET_VS_KO_MACROPHAGE_DN, GSE30971_WBP7_HET_VS_KO_MACROPHAGE_DN
                                                                      BHATI_G2M_ARREST_BY_2METHOXYESTRADIOL_DN, BHATI_G2M_ARREST_BY_2METHOXYESTRADIOL_DN
                                                                      GOBP_NEGATIVE_REGULATION_OF_CELL_GROWTH, GOBP_NEGATIVE_REGULATION_OF_CELL_GROWTH
                                                                      WP_LEPTIN_SIGNALING_PATHWAY, WP_LEPTIN_SIGNALING_PATHWAY
                                                                       REACTOME_P75_NTR_RECEPTOR_MEDIATED_SIGNALLING, REACTOME_P75_NTR_RECEPTOR_MEDIATED_SIGNALLING
                                                                       GSE3982_EOSINOPHIL_VS_MAST_CELL_UP, GSE3982_EOSINOPHIL_VS_MAST_CELL_UP
                                                                       PID_IL2_1PATHWAY, PID_IL2_1PATHWAY
                                                                      HP_AUTOIMMUNITY, HP_AUTOIMMUNITY
                                                                      REACTOME_RHOV_GTPASE_CYCLE, REACTOME_RHOV_GTPASE_CYCLE
                                                                       GOBP_REGULATION_OF_CARBOHYDRATE_BIOSYNTHETIC_PROCESS, GOBP_REGULATION_OF_CARBOHYDRATE_BIOSYNTHETIC_PROCESS
                                                                      HP_ABNORMALITY_OF_THE_WRIST, HP_ABNORMALITY_OF_THE_WRIST
                                                                       BIOCARTA_HIVNEF_PATHWAY, BIOCARTA_HIVNEF_PATHWAY
                                                                       HP_PURPURA, HP_PURPURA
                                                                       MIR6754_3P, MIR6754_3P
                                                                       GSE28737_FOLLICULAR_VS_MARGINAL_ZONE_BCELL_BCL6_HET_DN, GSE28737_FOLLICULAR_VS_MARGINAL_ZONE_BCELL_BCL6_HET_DN
                                                                       GSE2706_2H_VS_8H_R848_STIM_DC_DN, GSE2706_2H_VS_8H_R848_STIM_DC_DN
                                                                       GSE12198_LOW_IL2_STIM_NK_CELL_VS_HIGH_IL2_STIM_NK_CELL_DN, GSE12198_LOW_IL2_STIM_NK_CELL_VS_HIGH_IL2_STIM_NK_CELL_DN
                                                                       HP_RECURRENT_SKIN_INFECTIONS, HP_RECURRENT_SKIN_INFECTIONS
                                                                       GOBP_NEGATIVE_REGULATION_OF_CELL_PROJECTION_ORGANIZATION, GOBP_NEGATIVE_REGULATION_OF_CELL_PROJECTION_ORGANIZATION
                                                                       GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_2H_DN, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_2H_DN
                                                                       MIR1264, MIR1264
                                                                       MIR4491, MIR4491
                                                                       CSR_LATE_UP.V1_DN, CSR_LATE_UP.V1_DN
                                                                       MIR4657, MIR4657
                                                                       REACTOME_SIGNALING_BY_NTRKS, REACTOME_SIGNALING_BY_NTRKS
                                                                       SMITH TERT TARGETS DN, SMITH TERT TARGETS DN
                                                                       GOBP_POLYSACCHARIDE_METABOLIC_PROCESS, GOBP_POLYSACCHARIDE_METABOLIC_PROCESS
                                                                       GOBP_EPHRIN_RECEPTOR_SIGNALING_PATHWAY, GOBP_EPHRIN_RECEPTOR_SIGNALING_PATHWAY
                                                                       GSE3982_DC_VS_NKCELL_DN, GSE3982_DC_VS_NKCELL_DN
                                                                       HUMMERICH_SKIN_CANCER_PROGRESSION_UP, HUMMERICH_SKIN_CANCER_PROGRESSION_UP
                                                                       UBE2I_TARGET_GENES, UBE2I_TARGET_GENES
                                                                       PID_FAK_PATHWAY, PID_FAK_PATHWAY
                                                                       GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_48H_ACT_CD4_TCELL_UP, GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_48H_ACT_CD4_TCELL_UP
                                                                       GOBP_DENDRITE_MORPHOGENESIS, GOBP_DENDRITE_MORPHOGENESIS
                                                                       HP_BONE_PAIN, HP_BONE_PAIN
                                                                      WP_TCELL_ANTIGEN_RECEPTOR_TCR_SIGNALING_PATHWAY, WP_TCELL_ANTIGEN_RECEPTOR_TCR_SIGNALING_PATHWAY
                                                                       GNF2_CD97, GNF2_CD97
                                                                      BOYLAN_MULTIPLE_MYELOMA_D_UP, BOYLAN_MULTIPLE_MYELOMA_D_UP
                                                                       PID_VEGFR1_2_PATHWAY, PID_VEGFR1_2_PATHWAY
                                                                       LIN_MELANOMA_COPY_NUMBER_UP, LIN_MELANOMA_COPY_NUMBER_UP
                                                                       GOBP_NEGATIVE_REGULATION_OF_NEURON_PROJECTION_DEVELOPMENT, GOBP_NEGATIVE_REGULATION_OF_NEURON_PROJECTION_DEVELOPMENT
                                                                       BIOCARTA_STRESS_PATHWAY, BIOCARTA_STRESS_PATHWAY
                                                                       GOBP_POLYSACCHARIDE_BIOSYNTHETIC_PROCESS, GOBP_POLYSACCHARIDE_BIOSYNTHETIC_PROCESS
                                                                       BERENJENO_ROCK_SIGNALING_NOT_VIA_RHOA_DN, BERENJENO_ROCK_SIGNALING_NOT_VIA_RHOA_DN
                                                                       WP_TOLLLIKE_RECEPTOR_SIGNALING_PATHWAY, WP_TOLLLIKE_RECEPTOR_SIGNALING_PATHWAY
                                                                       WP_IL4_SIGNALING_PATHWAY, WP_IL4_SIGNALING_PATHWAY
                                                                       GSE21927_EL4_VS_MCA203_TUMOR_MONOCYTES_UP, GSE21927_EL4_VS_MCA203_TUMOR_MONOCYTES_UP
                                                                       GOBP INOSITOL LIPID MEDIATED SIGNALING, GOBP INOSITOL LIPID MEDIATED SIGNALING
                                                                       WP ENERGY METABOLISM, WP ENERGY METABOLISM
                                                                       GOBP_ACTIN_FILAMENT_BASED_MOVEMENT, GOBP_ACTIN_FILAMENT_BASED_MOVEMENT
                                                                      KEGG_TOLL_LIKE_RECEPTOR_SIGNALING_PATHWAY, KEGG_TOLL_LIKE_RECEPTOR_SIGNALING_PATHWAY
                                                                       GSE22527_ANTI_CD3_INVIVO_VS_UNTREATED_MOUSE_TREG_UP, GSE22527_ANTI_CD3_INVIVO_VS_UNTREATED_MOUSE_TREG_UP
                                                                       REACTOME_TNF_SIGNALING, REACTOME_TNF_SIGNALING
                                                                       LEE_AGING_NEOCORTEX_UP, LEE_AGING_NEOCORTEX_UP
                                                                       GOCC CLATHRIN COAT, GOCC CLATHRIN COAT
                                                                       GOBP_NEGATIVE_REGULATION_OF_RESPONSE_TO_ENDOPLASMIC_RETICULUM_STRESS, GOBP_NEGATIVE_REGULATION_OF_RESPONSE_TO_ENDOPLASMIC_RETICULUM_STRESS
                                                                       GOBP_CARDIAC_MUSCLE_CONTRACTION, GOBP_CARDIAC_MUSCLE_CONTRACTION
                                                                       GOBP_NON_MOTILE_CILIUM_ASSEMBLY, GOBP_NON_MOTILE_CILIUM_ASSEMBLY
                                                                       MIR6778_5P, MIR6778_5P
                                                                       KEGG_TIGHT_JUNCTION, KEGG_TIGHT_JUNCTION
                                                                      BROWNE_INTERFERON_RESPONSIVE_GENES, BROWNE_INTERFERON_RESPONSIVE_GENES
                                                                       REACTOME_NEGATIVE_REGULATION_OF_THE_PI3K_AKT_NETWORK, REACTOME_NEGATIVE_REGULATION_OF_THE_PI3K_AKT_NETWORK
                                                                       HP_ABNORMALITY_OF_TIBIA_MORPHOLOGY, HP_ABNORMALITY_OF_TIBIA_MORPHOLOGY
                                                                       GOBP_POSITIVE_REGULATION_OF_PLASMA_MEMBRANE_BOUNDED_CELL_PROJECTION_ASSEMBLY, GOBP_POSITIVE_REGULATION_OF_PLASMA_MEMBRANE_BOUNDED_CELL_PROJECTION_ASSEMBLY
                                                                      GOBP_NEGATIVE_REGULATION_OF_CELLULAR_RESPONSE_TO_INSULIN_STIMULUS, GOBP_NEGATIVE_REGULATION_OF_CELLULAR_RESPONSE_TO_INSULIN_STIMULUS
                                                                      GSE27786_BCELL_VS_NEUTROPHIL_DN, GSE27786_BCELL_VS_NEUTROPHIL_DN
                                                                       GOBP_CYTOPLASMIC_MICROTUBULE_ORGANIZATION, GOBP_CYTOPLASMIC_MICROTUBULE_ORGANIZATION
                                                                       GSE3691_IFN_PRODUCING_KILLER_DC_VS_CONVENTIONAL_DC_SPLEEN_DN, GSE3691_IFN_PRODUCING_KILLER_DC_VS_CONVENTIONAL_DC_SPLEEN_DN
                                                                       GOBP_STRIATED_MUSCLE_CONTRACTION, GOBP_STRIATED_MUSCLE_CONTRACTION
                                                                      BIOCARTA_TOLL_PATHWAY, BIOCARTA_TOLL_PATHWAY
                                                                       HJURP_TARGET_GENES, HJURP_TARGET_GENES
                                                                       SANA_TNF_SIGNALING_DN, SANA_TNF_SIGNALING_DN
                                                                       KEGG_SNARE_INTERACTIONS_IN_VESICULAR_TRANSPORT, KEGG_SNARE_INTERACTIONS_IN_VESICULAR_TRANSPORT
                                                                      GOCC_AP_TYPE_MEMBRANE_COAT_ADAPTOR_COMPLEX, GOCC_AP_TYPE_MEMBRANE_COAT_ADAPTOR_COMPLEX
                                                                      TRAVAGLINI_LUNG_PLASMACYTOID_DENDRITIC_CELL, TRAVAGLINI_LUNG_PLASMACYTOID_DENDRITIC_CELL
                                                                       GOBP_RESPONSE_TO_INTERFERON_GAMMA, GOBP_RESPONSE_TO_INTERFERON_GAMMA
                                                                       CCCACAT_MIR2993P, CCCACAT_MIR2993P
                                                                       ACTACCT_MIR196A_MIR196B, ACTACCT_MIR196A_MIR196B
                                                                      GENTILE_UV_RESPONSE_CLUSTER_D7, GENTILE_UV_RESPONSE_CLUSTER_D7
                                                                      GOMF_TRANSFERASE_ACTIVITY_TRANSFERRING_PENTOSYL_GROUPS, GOMF_TRANSFERASE_ACTIVITY_TRANSFERRING_PENTOSYL_GROUPS
                                                                      GOMF_POTASSIUM_CHANNEL_REGULATOR_ACTIVITY, GOMF_POTASSIUM_CHANNEL_REGULATOR_ACTIVITY
                                                                      GOBP_REGULATION_OF_INSULIN_RECEPTOR_SIGNALING_PATHWAY, GOBP_REGULATION_OF_INSULIN_RECEPTOR_SIGNALING_PATHWAY
                                                                      PID_ERBB1_RECEPTOR_PROXIMAL_PATHWAY, PID_ERBB1_RECEPTOR_PROXIMAL_PATHWAY
                                                                      MIR3165, MIR3165
                                                                      MENON_FETAL_KIDNEY_6_COLLECTING_DUCT_CELLS, MENON_FETAL_KIDNEY_6_COLLECTING_DUCT_CELLS
                                                                       KEGG_STEROID_BIOSYNTHESIS, KEGG_STEROID_BIOSYNTHESIS
                                                                      GOBP_NEGATIVE_REGULATION_OF_CARBOHYDRATE_METABOLIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_CARBOHYDRATE_METABOLIC_PROCESS
                                                                      GOBP_REGULATION_OF_CELLULAR_RESPONSE_TO_INSULIN_STIMULUS, GOBP_REGULATION_OF_CELLULAR_RESPONSE_TO_INSULIN_STIMULUS
                                                                      GOBP_PROTEIN_ADP_RIBOSYLATION, GOBP_PROTEIN_ADP_RIBOSYLATION
                                                                      GUTIERREZ_CHRONIC_LYMPHOCYTIC_LEUKEMIA_DN, GUTIERREZ_CHRONIC_LYMPHOCYTIC_LEUKEMIA_DN
                                                                      HP_BONE_MARROW_HYPERCELLULARITY, HP_BONE_MARROW_HYPERCELLULARITY
                                                                      HP_VENOUS_INSUFFICIENCY, HP_VENOUS_INSUFFICIENCY
                                                                       BIOCARTA_NTHI_PATHWAY, BIOCARTA_NTHI_PATHWAY
                                                                      GAZDA_DIAMOND_BLACKFAN_ANEMIA_MYELOID_UP, GAZDA_DIAMOND_BLACKFAN_ANEMIA_MYELOID_UP
                                                                      REACTOME_BETA_CATENIN_PHOSPHORYLATION_CASCADE, REACTOME_BETA_CATENIN_PHOSPHORYLATION_CASCADE
                                                                      / PID_RET_PATHWAY, PID_RET_PATHWAY
                                                                      HP_NEOPLASM_OF_THE_TONGUE, HP_NEOPLASM_OF_THE_TONGUE
                                                                      GOBP_ACTIN_MEDIATED_CELL_CONTRACTION, GOBP_ACTIN_MEDIATED_CELL_CONTRACTION
                                                                      GOBP_MEMBRANE_PROTEIN_INTRACELLULAR_DOMAIN_PROTEOLYSIS, GOBP_MEMBRANE_PROTEIN_INTRACELLULAR_DOMAIN_PROTEOLYSIS
                                                                       GOCC_INTERCALATED_DISC, GOCC_INTERCALATED_DISC
                                                                      GOBP_RESPONSE_TO_ANGIOTENSIN, GOBP_RESPONSE_TO_ANGIOTENSIN
                                                                       REACTOME_RAF_ACTIVATION, REACTOME_RAF_ACTIVATION
                                                                      / REACTOME_SIGNALING_BY_CTNNB1_PHOSPHO_SITE_MUTANTS, REACTOME_SIGNALING_BY_CTNNB1_PHOSPHO_SITE_MUTANTS
                                                                      ✓ GOBP_RELAXATION_OF_CARDIAC_MUSCLE, GOBP_RELAXATION_OF_CARDIAC_MUSCLE
                                                                      ✓ HP_ABNORMAL_CIRCULATING_BILIRUBIN_CONCENTRATION, HP_ABNORMAL_CIRCULATING_BILIRUBIN_CONCENTRATION
2_POS_VS_NEG_PDC_DN, GSE15215_CD2_POS_VS_NEG_PDC_DN
                                                                       HP_BROAD_TOE, HP_BROAD_TOE
                                                                       REACTOME_PLATELET_HOMEOSTASIS, REACTOME_PLATELET_HOMEOSTASIS
                                                                       ZHONG PFC C9 ORG OTHER, ZHONG PFC C9 ORG OTHER
                                                                       PID_ANGIOPOIETIN_RECEPTOR_PATHWAY, PID_ANGIOPOIETIN_RECEPTOR_PATHWAY
                                                                       GOBP_POSITIVE_REGULATION_OF_CILIUM_ASSEMBLY, GOBP_POSITIVE_REGULATION_OF_CILIUM_ASSEMBLY
                                                                       MIR632, MIR632
                                                                      OBP_POSITIVE_REGULATION_OF_PRODUCTION_OF_MOLECULAR_MEDIATOR_OF_IMMUNE_RESPONSE, GOBP_POSITIVE_REGULATION_OF_PRODUCTION_OF_MOLECULAR_MEDIATOR_OF_IMMUNE_RESPONSE
                                                                      OBP_REGULATION_OF_PHOSPHATIDYLINOSITOL_3_KINASE_SIGNALING, GOBP_REGULATION_OF_PHOSPHATIDYLINOSITOL_3_KINASE_SIGNALING
                                                                      REACTOME_SIGNALING_BY_WNT_IN_CANCER, REACTOME_SIGNALING_BY_WNT_IN_CANCER
                                                                     GTGTCAA_MIR514, GTGTCAA_MIR514
                                                                      HP_CHRONIC_OTITIS_MEDIA, HP_CHRONIC_OTITIS_MEDIA
                                                                     WP_SIGNALING_OF_HEPATOCYTE_GROWTH_FACTOR_RECEPTOR, WP_SIGNALING_OF_HEPATOCYTE_GROWTH_FACTOR_RECEPTOR
                                                                      MIR4769_5P, MIR4769_5P
                                                                     WP_HEMATOPOIETIC_STEM_CELL_GENE_REGULATION_BY_GABP_ALPHABETA_COMPLEX, WP_HEMATOPOIETIC_STEM_CELL_GENE_REGULATION_BY_GABP_ALPHABETA_COMPLEX
                                                                     HP_ALOPECIA_OF_SCALP, HP_ALOPECIA_OF_SCALP
                                                                      GSE32901_TH1_VS_TH17_NEG_CD4_TCELL_UP, GSE32901_TH1_VS_TH17_NEG_CD4_TCELL_UP
                                                                     WP_SARSCOV2_INNATE_IMMUNITY_EVASION_AND_CELLSPECIFIC_IMMUNE_RESPONSE, WP_SARSCOV2_INNATE_IMMUNITY_EVASION_AND_CELLSPECIFIC_IMMUNE_RESPONSE
                                                                      GOBP_RELAXATION_OF_MUSCLE, GOBP_RELAXATION_OF_MUSCLE
                                                                      WP_THYMIC_STROMAL_LYMPHOPOIETIN_TSLP_SIGNALING_PATHWAY, WP_THYMIC_STROMAL_LYMPHOPOIETIN_TSLP_SIGNALING_PATHWAY
                                                                      GOMF_PHOSPHATIDYLINOSITOL_KINASE_ACTIVITY, GOMF_PHOSPHATIDYLINOSITOL_KINASE_ACTIVITY
                                                                       AIZARANI_LIVER_C38_RESIDENT_B_CELLS_3, AIZARANI_LIVER_C38_RESIDENT_B_CELLS_3
                                                                      GOBP_NEGATIVE_REGULATION_OF_PROTEIN_CONTAINING_COMPLEX_DISASSEMBLY, GOBP_NEGATIVE_REGULATION_OF_PROTEIN_CONTAINING_COMPLEX_DISASSEMBLY
                                                                      HP_ABNORMAL_EOSINOPHIL_MORPHOLOGY, HP_ABNORMAL_EOSINOPHIL_MORPHOLOGY
                                                                      GOBP PLASMA MEMBRANE ORGANIZATION, GOBP PLASMA MEMBRANE ORGANIZATION
                                                                      GOBP_PROTEIN_DESTABILIZATION, GOBP_PROTEIN_DESTABILIZATION
                                                                       BIOCARTA_RAS_PATHWAY, BIOCARTA_RAS_PATHWAY
                                                                       GOBP_REGULATION_OF_TUMOR_NECROSIS_FACTOR_MEDIATED_SIGNALING_PATHWAY, GOBP_REGULATION_OF_TUMOR_NECROSIS_FACTOR_MEDIATED_SIGNALING_PATHWAY
                                                                       HP_ASYMMETRIC_GROWTH, HP_ASYMMETRIC_GROWTH
                                                                      PID_MAPK_TRK_PATHWAY, PID_MAPK_TRK_PATHWAY
                                                                       HP_CELIAC_DISEASE, HP_CELIAC_DISEASE
                                                                       WP_VITAMIN_D_IN_INFLAMMATORY_DISEASES, WP_VITAMIN_D_IN_INFLAMMATORY_DISEASES
                                                                       PID_IL2_PI3K_PATHWAY, PID_IL2_PI3K_PATHWAY
                                                                       MIR8078, MIR8078
                                                                       TRAVAGLINI_LUNG_ALVEOLAR_EPITHELIAL_TYPE_2_CELL, TRAVAGLINI_LUNG_ALVEOLAR_EPITHELIAL_TYPE_2_CELL
                                                                       PID_EPHB_FWD_PATHWAY, PID_EPHB_FWD_PATHWAY
                                                                       HP_SEBORRHEIC_DERMATITIS, HP_SEBORRHEIC_DERMATITIS
                                                                       GOBP_REGULATION_OF_ENDOPLASMIC_RETICULUM_STRESS_INDUCED_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY, GOBP_REGULATION_OF_ENDOPLASMIC_RETICULUM_STRESS_INDUCED_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY
                                                                       HP TETANY, HP TETANY
                                                                      GOBP_NEGATIVE_REGULATION_OF_NERVOUS_SYSTEM_DEVELOPMENT, GOBP_NEGATIVE_REGULATION_OF_NERVOUS_SYSTEM_DEVELOPMENT
                                                                      GOBP_NEGATIVE_REGULATION_OF_PEPTIDYL_TYROSINE_PHOSPHORYLATION, GOBP_NEGATIVE_REGULATION_OF_PEPTIDYL_TYROSINE_PHOSPHORYLATION
                                                                      GOBP_ACTIN_FILAMENT_DEPOLYMERIZATION, GOBP_ACTIN_FILAMENT_DEPOLYMERIZATION
                                                                       TTCCGTT_MIR191, TTCCGTT_MIR191
                                                                       MIR4529_5P, MIR4529_5P
                                                                       GOCC CLATHRIN COATED VESICLE MEMBRANE, GOCC CLATHRIN COATED VESICLE MEMBRANE
                                                                       GOBP_CARDIAC_MUSCLE_CELL_CONTRACTION, GOBP_CARDIAC_MUSCLE_CELL_CONTRACTION
                                                                       BIOCARTA_HCMV_PATHWAY, BIOCARTA_HCMV_PATHWAY
                                                                       WP_MICRORNAS_IN_CARDIOMYOCYTE_HYPERTROPHY, WP_MICRORNAS_IN_CARDIOMYOCYTE_HYPERTROPHY
                                                                       GOBP_PHOSPHATIDYLINOSITOL_3_PHOSPHATE_BIOSYNTHETIC_PROCESS, GOBP_PHOSPHATIDYLINOSITOL_3_PHOSPHATE_BIOSYNTHETIC_PROCESS
                                                                       PID_IFNG_PATHWAY, PID_IFNG_PATHWAY
                                                                      WP_GLYCOGEN_SYNTHESIS_AND_DEGRADATION, WP_GLYCOGEN_SYNTHESIS_AND_DEGRADATION
                                                                      REACTOME_SIGNALING_BY_ERBB2, REACTOME_SIGNALING_BY_ERBB2
                                                                      GOBP_REGULATION_OF_ESTABLISHMENT_OR_MAINTENANCE_OF_CELL_POLARITY, GOBP_REGULATION_OF_ESTABLISHMENT_OR_MAINTENANCE_OF_CELL_POLARITY
                                                                       MIR4433A_5P, MIR4433A_5P
                                                                       WP_OSTEOBLAST_DIFFERENTIATION, WP_OSTEOBLAST_DIFFERENTIATION
                                                                       REACTOME_CTLA4_INHIBITORY_SIGNALING, REACTOME_CTLA4_INHIBITORY_SIGNALING
                                                                       MIR4433B_3P, MIR4433B_3P
                                                                       GOBP_NUCLEAR_MIGRATION, GOBP_NUCLEAR_MIGRATION
                                                                      GOBP_REGULATION_OF_POLYSACCHARIDE_BIOSYNTHETIC_PROCESS, GOBP_REGULATION_OF_POLYSACCHARIDE_BIOSYNTHETIC_PROCESS
                                                                       REACTOME_NEPHRIN_FAMILY_INTERACTIONS, REACTOME_NEPHRIN_FAMILY_INTERACTIONS
                                                                       EINAV_INTERFERON_SIGNATURE_IN_CANCER, EINAV_INTERFERON_SIGNATURE_IN_CANCER
                                                                       HP_ABNORMAL_VITAMIN_B12_LEVEL, HP_ABNORMAL_VITAMIN_B12_LEVEL
                                                                       GOBP_PHOSPHOLIPID_TRANSPORT, GOBP_PHOSPHOLIPID_TRANSPORT
                                                                       HP_RECURRENT_EAR_INFECTIONS, HP_RECURRENT_EAR_INFECTIONS
                                                                       GOBP_REGULATION_OF_ACTIN_FILAMENT_BASED_MOVEMENT, GOBP_REGULATION_OF_ACTIN_FILAMENT_BASED_MOVEMENT
                                                                        GOBP_REGULATION_OF_SIGNALING_RECEPTOR_ACTIVITY, GOBP_REGULATION_OF_SIGNALING_RECEPTOR_ACTIVITY
                                                                       HP_RECURRENT_BRONCHITIS, HP_RECURRENT_BRONCHITIS
                                                                      ANDERSON_BLOOD_CN54GP140_ADJUVANTED_WITH_GLA_AF_AGE_18_45YO_1DY_UP, ANDERSON_BLOOD_CN54GP140_ADJUVANTED_WITH_GLA_AF_AGE_18_45YO_1DY_UP
                                                                       GOBP_BONE_MATURATION, GOBP_BONE_MATURATION
                                                                       BIOCARTA_TALL1_PATHWAY, BIOCARTA_TALL1_PATHWAY
                                                                       GOCC_ENDOLYSOSOME, GOCC_ENDOLYSOSOME
                                                                       GOBP_UBIQUINONE_METABOLIC_PROCESS, GOBP_UBIQUINONE_METABOLIC_PROCESS
                                                                       GOCC_CLATHRIN_VESICLE_COAT, GOCC_CLATHRIN_VESICLE_COAT
                                                                       BIOCARTA_ECM_PATHWAY, BIOCARTA_ECM_PATHWAY
                                                                       GOBP_NEGATIVE_REGULATION_OF_SMALL_MOLECULE_METABOLIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_SMALL_MOLECULE_METABOLIC_PROCESS
                                                                       GOBP_NEGATIVE_REGULATION_OF_AXONOGENESIS, GOBP_NEGATIVE_REGULATION_OF_AXONOGENESIS
                                                                       GOMF_PROTEIN_ADP_RIBOSYLASE_ACTIVITY, GOMF_PROTEIN_ADP_RIBOSYLASE_ACTIVITY
                                                                       REACTOME_ACTIVATION_OF_RAC1_DOWNSTREAM_OF_NMDARS, REACTOME_ACTIVATION_OF_RAC1_DOWNSTREAM_OF_NMDARS
                                                                       HP_ABNORMALITY_OF_PINEAL_MORPHOLOGY, HP_ABNORMALITY_OF_PINEAL_MORPHOLOGY
                                                                       WP_RESISTIN_AS_A_REGULATOR_OF_INFLAMMATION, WP_RESISTIN_AS_A_REGULATOR_OF_INFLAMMATION
                                                                       GOBP_NUCLEUS_LOCALIZATION, GOBP_NUCLEUS_LOCALIZATION
                                                                       GOBP_REGULATION_OF_POLYSACCHARIDE_METABOLIC_PROCESS, GOBP_REGULATION_OF_POLYSACCHARIDE_METABOLIC_PROCESS
                                                                       WP_G_PROTEIN_SIGNALING_PATHWAYS, WP_G_PROTEIN_SIGNALING_PATHWAYS
                                                                       GOBP_REGULATION_OF_POTASSIUM_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOBP_REGULATION_OF_POTASSIUM_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                       DELASERNA_MYOD_TARGETS_UP, DELASERNA_MYOD_TARGETS_UP
                                                                       GOBP_QUINONE_METABOLIC_PROCESS, GOBP_QUINONE_METABOLIC_PROCESS
                                                                       HP_ABNORMALITY_OF_COMPLEMENT_SYSTEM, HP_ABNORMALITY_OF_COMPLEMENT_SYSTEM
                                                                       HP_GINGIVITIS, HP_GINGIVITIS
                                                                       PID_TRKR_PATHWAY, PID_TRKR_PATHWAY
                                                                       GOCC_TRANS_GOLGI_NETWORK_TRANSPORT_VESICLE_MEMBRANE, GOCC_TRANS_GOLGI_NETWORK_TRANSPORT_VESICLE_MEMBRANE
                                                                       REACTOME_INTERLEUKIN_7_SIGNALING, REACTOME_INTERLEUKIN_7_SIGNALING
                                                                       VALK_AML_CLUSTER_8, VALK_AML_CLUSTER_8
                                                                       PID_ECADHERIN_KERATINOCYTE_PATHWAY, PID_ECADHERIN_KERATINOCYTE_PATHWAY
                                                                       HP_CONICAL_INCISOR, HP_CONICAL_INCISOR
                                                                       GNF2_JAK1, GNF2_JAK1
                                                                       WOOD_EBV_EBNA1_TARGETS_DN, WOOD_EBV_EBNA1_TARGETS_DN
                                                                       chr16q22, chr16q22
                                                                       REACTOME_REGULATED_PROTEOLYSIS_OF_P75NTR, REACTOME_REGULATED_PROTEOLYSIS_OF_P75NTR
                                                                       HP_LIPOATROPHY, HP_LIPOATROPHY
                                                                      WP_RAS_AND_BRADYKININ_PATHWAYS_IN_COVID19, WP_RAS_AND_BRADYKININ_PATHWAYS_IN_COVID19
                                                                      MIR1225_5P, MIR1225_5P
                                                                      HP_LOWER_LIMB_ASYMMETRY, HP_LOWER_LIMB_ASYMMETRY
                                                                       HP_ENLARGEMENT_OF_THE_COSTOCHONDRAL_JUNCTION, HP_ENLARGEMENT_OF_THE_COSTOCHONDRAL_JUNCTION
                                                                      REACTOME_EFFECTS_OF_PIP2_HYDROLYSIS, REACTOME_EFFECTS_OF_PIP2_HYDROLYSIS
                                                                      GOMF_NADPLUS_ADP_RIBOSYLTRANSFERASE_ACTIVITY, GOMF_NADPLUS_ADP_RIBOSYLTRANSFERASE_ACTIVITY
                                                                       GOMF_CLATHRIN_BINDING, GOMF_CLATHRIN_BINDING
                                                                       PID_ECADHERIN_NASCENT_AJ_PATHWAY, PID_ECADHERIN_NASCENT_AJ_PATHWAY
                                                                      WP_CELL_MIGRATION_AND_INVASION_THROUGH_P75NTR, WP_CELL_MIGRATION_AND_INVASION_THROUGH_P75NTR
                                                                      GOBP_NEGATIVE_REGULATION_OF_ACTIN_FILAMENT_POLYMERIZATION, GOBP_NEGATIVE_REGULATION_OF_ACTIN_FILAMENT_POLYMERIZATION
                                                                       HP_THYROIDITIS, HP_THYROIDITIS
                                                                       GOBP_POSITIVE_REGULATION_OF_SPHINGOLIPID_BIOSYNTHETIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_SPHINGOLIPID_BIOSYNTHETIC_PROCESS
                                                                       GSE10147_IL3_AND_HIVP17_VS_IL3_AND_CPG_STIM_PDC_UP, GSE10147_IL3_AND_HIVP17_VS_IL3_AND_CPG_STIM_PDC_UP
                                                                       HOLLEMAN_VINCRISTINE_RESISTANCE_ALL_UP, HOLLEMAN_VINCRISTINE_RESISTANCE_ALL_UP
                                                                       SANA_RESPONSE_TO_IFNG_UP, SANA_RESPONSE_TO_IFNG_UP
                                                                       GOBP_LAMELLIPODIUM_MORPHOGENESIS, GOBP_LAMELLIPODIUM_MORPHOGENESIS
                                                                       BIOCARTA_GCR_PATHWAY, BIOCARTA_GCR_PATHWAY
                                                                       REACTOME_PLATELET_SENSITIZATION_BY_LDL, REACTOME_PLATELET_SENSITIZATION_BY_LDL
                                                                       GOBP_APICAL_JUNCTION_ASSEMBLY, GOBP_APICAL_JUNCTION_ASSEMBLY
                                                                       GOBP_HYALURONAN_BIOSYNTHETIC_PROCESS, GOBP_HYALURONAN_BIOSYNTHETIC_PROCESS
                                                                       GOBP_VITAMIN_BIOSYNTHETIC_PROCESS, GOBP_VITAMIN_BIOSYNTHETIC_PROCESS
                                                                      WP_ALPHA_6_BETA_4_SIGNALING_PATHWAY, WP_ALPHA_6_BETA_4_SIGNALING_PATHWAY
                                                                       HP_CHRONIC_MUCOCUTANEOUS_CANDIDIASIS, HP_CHRONIC_MUCOCUTANEOUS_CANDIDIASIS
                                                                       GOBP_NEGATIVE_REGULATION_OF_CELL_SUBSTRATE_ADHESION, GOBP_NEGATIVE_REGULATION_OF_CELL_SUBSTRATE_ADHESION
                                                                       GOBP_I_KAPPAB_PHOSPHORYLATION, GOBP_I_KAPPAB_PHOSPHORYLATION
                                                                       REACTOME_SIGNALING_BY_PDGFR_IN_DISEASE, REACTOME_SIGNALING_BY_PDGFR_IN_DISEASE
                                                                       MIR514A_5P, MIR514A_5P
                                                                      GOBP_NEGATIVE_REGULATION_OF_ACTIN_FILAMENT_DEPOLYMERIZATION, GOBP_NEGATIVE_REGULATION_OF_ACTIN_FILAMENT_DEPOLYMERIZATION
                                                                       HP_ANGIOID_STREAKS_OF_THE_FUNDUS, HP_ANGIOID_STREAKS_OF_THE_FUNDUS
                                                                       GOBP_POSITIVE_REGULATION_OF_MITOCHONDRIAL_FISSION, GOBP_POSITIVE_REGULATION_OF_MITOCHONDRIAL_FISSION
                                                                       HP_MICROGLOSSIA, HP_MICROGLOSSIA
                                                                       HP_ANTINEUTROPHIL_ANTIBODY_POSITIVITY, HP_ANTINEUTROPHIL_ANTIBODY_POSITIVITY
                                                                       GOBP_REGULATION_OF_LAMELLIPODIUM_MORPHOGENESIS, GOBP_REGULATION_OF_LAMELLIPODIUM_MORPHOGENESIS
                                                                       GOBP_NEGATIVE_REGULATION_OF_ENDOPLASMIC_RETICULUM_STRESS_INDUCED_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY, GOBP_NEGATIVE_REGULATION_OF_ENDOPLASMIC_RETICULUM_STRESS_INDUCED_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY
                                                                       PID SYNDECAN 4 PATHWAY, PID SYNDECAN 4 PATHWAY
                                                                       GOBP_NEGATIVE_REGULATION_OF_OXIDOREDUCTASE_ACTIVITY, GOBP_NEGATIVE_REGULATION_OF_OXIDOREDUCTASE_ACTIVITY
                                                                      WP_KISSPEPTINKISSPEPTIN_RECEPTOR_SYSTEM_IN_THE_OVARY, WP_KISSPEPTINKISSPEPTIN_RECEPTOR_SYSTEM_IN_THE_OVARY
                                                                       GOBP_NEGATIVE_REGULATION_OF_VIRAL_LIFE_CYCLE, GOBP_NEGATIVE_REGULATION_OF_VIRAL_LIFE_CYCLE
                                                                       REACTOME_SEMA4D_IN_SEMAPHORIN_SIGNALING, REACTOME_SEMA4D_IN_SEMAPHORIN_SIGNALING
                                                                       GOBP_REGULATION_OF_CARDIAC_MUSCLE_CONTRACTION, GOBP_REGULATION_OF_CARDIAC_MUSCLE_CONTRACTION
                                                                       REACTOME_DOWNSTREAM_SIGNAL_TRANSDUCTION, REACTOME_DOWNSTREAM_SIGNAL_TRANSDUCTION
                                                                       GOMF_CARBOXY_LYASE_ACTIVITY, GOMF_CARBOXY_LYASE_ACTIVITY
                                                                       GOBP_REGULATION_OF_DENDRITE_MORPHOGENESIS, GOBP_REGULATION_OF_DENDRITE_MORPHOGENESIS
                                                                       REACTOME_TRAF6_MEDIATED_IRF7_ACTIVATION_IN_TLR7_8_OR_9_SIGNALING, REACTOME_TRAF6_MEDIATED_IRF7_ACTIVATION_IN_TLR7_8_OR_9_SIGNALING
                                                                       GOMF_UBIQUITINATION_LIKE_MODIFICATION_DEPENDENT_PROTEIN_BINDING, GOMF_UBIQUITINATION_LIKE_MODIFICATION_DEPENDENT_PROTEIN_BINDING
                                                                       WP_NAD_BIOSYNTHETIC_PATHWAYS, WP_NAD_BIOSYNTHETIC_PATHWAYS
                                                                       GOMF_OXIDOREDUCTASE_ACTIVITY_ACTING_ON_PAIRED_DONORS_WITH_INCORPORATION_OF_REDUCTION_OF_MOLECULAR_OXYGEN_REDUCED_FLAVIN_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OF_NOLECULAR_OXYGEN_REDUCED_FLAVIN_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OF_NOLECULAR_OXYGEN_REDUCED_FLAVIN_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OF_NOLECULAR_OXYGEN_REDUCED_FLAVIN_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OF_NOLECULAR_OXYGEN_REDUCED_FLAVIN_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OF_NOLECULAR_OXYGEN_REDUCED_FLAVIN_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OF_NOLECULAR_OXYGEN_REDUCED_FLAVIN_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OF_NOLECULAR_OXYGEN_REDUCED_FLAVIN_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN_AS_ONE_DONORS_WITH_INCORPORATION_OR_FLAVOPROTEIN
                                                                       HTF_01, HTF_01
                                                                       HP AUTOIMMUNE HEMOLYTIC ANEMIA, HP AUTOIMMUNE HEMOLYTIC ANEMIA
                                                                       GOBP_INTERLEUKIN_7_MEDIATED_SIGNALING_PATHWAY, GOBP_INTERLEUKIN_7_MEDIATED_SIGNALING_PATHWAY
                                                                       DURANTE_ADULT_OLFACTORY_NEUROEPITHELIUM_PLASMA_CELLS, DURANTE_ADULT_OLFACTORY_NEUROEPITHELIUM_PLASMA_CELLS
                                                                       GOBP_PROTEIN_AUTO_ADP_RIBOSYLATION, GOBP_PROTEIN_AUTO_ADP_RIBOSYLATION
                                                                       REACTOME SIGNALING BY KIT IN DISEASE, REACTOME SIGNALING BY KIT IN DISEASE
                                                                       GOBP_NEGATIVE_REGULATION_OF_PROTEIN_KINASE_B_SIGNALING, GOBP_NEGATIVE_REGULATION_OF_PROTEIN_KINASE_B_SIGNALING
                                                                       HP_MEGALENCEPHALY, HP_MEGALENCEPHALY
                                                                       PID_NETRIN_PATHWAY, PID_NETRIN_PATHWAY
                                                                      WP TCELL ANTIGEN RECEPTOR TCR PATHWAY DURING STAPHYLOCOCCUS AUREUS_INFECTION, WP_TCELL_ANTIGEN_RECEPTOR_TCR_PATHWAY_DURING_STAPHYLOCOCCUS_AUREUS_INFECTION
                                                                      PID_EPHA2_FWD_PATHWAY, PID_EPHA2_FWD_PATHWAY
                                                                      SA PTEN PATHWAY, SA PTEN PATHWAY
                                                                      GOBP_PYRIMIDINE_NUCLEOTIDE_SALVAGE, GOBP_PYRIMIDINE_NUCLEOTIDE_SALVAGE
                                                                      GOBP_SPHINGOMYELIN_METABOLIC_PROCESS, GOBP_SPHINGOMYELIN_METABOLIC_PROCESS
                                                                      GOBP_REGULATION_OF_MITOCHONDRIAL_FUSION, GOBP_REGULATION_OF_MITOCHONDRIAL_FUSION
                                                                      LEIN_ASTROCYTE_MARKERS, LEIN_ASTROCYTE_MARKERS
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GSE1460_CORD_VS_ADULT_BLOOD_NAIVE_CD4_TCELL_DN, GSE1460_CORD_VS_ADULT_BLOOD_NAIVE_CD4_TCELL_DN

GSE2770_IL12_VS_IL4_TREATED_ACT_CD4_TCELL_48H_UP, GSE2770_IL12_VS_IL4_TREATED_ACT_CD4_TCELL_48H_UP

GSE22886_NAIVE_CD4_TCELL_VS_12H_ACT_TH2_UP, GSE22886_NAIVE_CD4_TCELL_VS_12H_ACT_TH2_UP

GSE29618_BCELL_VS_PDC_DN, GSE29618_BCELL_VS_PDC_DN

GSE14308_TH1_VS_INDUCED_TREG_UP, GSE14308_TH1_VS_INDUCED_TREG_UP

GSE1460_DP_VS_CD4_THYMOCYTE_UP, GSE1460_DP_VS_CD4_THYMOCYTE_UP

GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_DN, GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_DN

GSE40274_IRF4_VS_FOXP3_AND_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_IRF4_VS_FOXP3_AND_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_UP

GSE20500_RETINOIC_ACID_VS_RARA_ANTAGONIST_TREATED_CD4_TCELL_DN, GSE20500_RETINOIC_ACID_VS_RARA_ANTAGONIST_TREATED_CD4_TCELL_DN