```
GSE5503_LIVER_DC_VS_MLN_DC_ACTIVATED_ALLOGENIC_TCELL_DN, GSE5503_LIVER_DC_VS_MLN_DC_ACTIVATED_ALLOGENIC_TCELL_DN
                                                                                                                           GSE22886 CD8_VS_CD4_NAIVE_TCELL_UP, GSE22886_CD8_VS_CD4_NAIVE_TCELL_UP
                                                                                                                           GSE12392_CD8A_POS_VS_NEG_SPLEEN_IFNB_KO_DC_UP, GSE12392_CD8A_POS_VS_NEG_SPLEEN_IFNB_KO_DC_UP
                                                                                                                           GSE22935_UNSTIM_VS_12H_MBOVIS_BCG_STIM_MACROPHAGE_UP, GSE22935_UNSTIM_VS_12H_MBOVIS_BCG_STIM_MACROPHAGE_UP
                                                                                                                           GSE17721_CTRL_VS_GARDIQUIMOD_6H_BMDC_UP, GSE17721_CTRL_VS_GARDIQUIMOD_6H_BMDC_UP
                                                                                                                           GSE9601_NFKB_INHIBITOR_VS_PI3K_INHIBITOR_TREATED_HCMV_INF_MONOCYTE_UP, GSE9601_NFKB_INHIBITOR_VS_PI3K_INHIBITOR_TREATED_HCMV_INF_MONOCYTE_UP
                                                                                                                           GSE36392_MAC_VS_NEUTROPHIL_IL25_TREATED_LUNG_UP, GSE36392_MAC_VS_NEUTROPHIL_IL25_TREATED_LUNG_UP
                                                                                                                           GSE411_100MIN_VS_400MIN_IL6_STIM_SOCS3_KO_MACROPHAGE_DN, GSE411_100MIN_VS_400MIN_IL6_STIM_SOCS3_KO_MACROPHAGE_DN
                                                                                                                           GSE35825_UNTREATED_VS_IFNG_STIM_MACROPHAGE_DN, GSE35825_UNTREATED_VS_IFNG_STIM_MACROPHAGE_DN
                                                                                                                           GSE7831_CPG_VS_INFLUENZA_STIM_PDC_1H_UP, GSE7831_CPG_VS_INFLUENZA_STIM_PDC_1H_UP
                                                                                                                           GSE18281_SUBCAPSULAR_VS_PERIMEDULLARY_CORTICAL_REGION_OF_THYMUS_UP, GSE18281_SUBCAPSULAR_VS_PERIMEDULLARY_CORTICAL_REGION_OF_THYMUS_UP
                                                                                                                           GSE17721_CTRL_VS_CPG_8H_BMDC_UP, GSE17721_CTRL_VS_CPG_8H_BMDC_UP
                                                                                                                           GSE17721_LPS_VS_POLYIC_6H_BMDC_DN, GSE17721_LPS_VS_POLYIC_6H_BMDC_DN
                                                                                                                           GSE17580_UNINFECTED_VS_S_MANSONI_INF_TEFF_UP, GSE17580_UNINFECTED_VS_S_MANSONI_INF_TEFF_UP
                                                                                                                           GSE9316_IL6_KO_VS_IFNG_KO_INVIVO_EXPANDED_CD4_TCELL_UP, GSE9316_IL6_KO_VS_IFNG_KO_INVIVO_EXPANDED_CD4_TCELL_UP
                                                                                                                           GSE46143_CTRL_VS_LMP2A_TRANSDUCED_CD10_POS_GC_BCELL_DN, GSE46143_CTRL_VS_LMP2A_TRANSDUCED_CD10_POS_GC_BCELL_DN
                                                                                                                           GSE41176_UNSTIM_VS_ANTI_IGM_STIM_BCELL_3H_DN, GSE41176_UNSTIM_VS_ANTI_IGM_STIM_BCELL_3H_DN
                                                                                                                           GSE41867_DAY6_VS_DAY15_LCMV_ARMSTRONG_EFFECTOR_CD8_TCELL_DN, GSE41867_DAY6_VS_DAY15_LCMV_ARMSTRONG_EFFECTOR_CD8_TCELL_DN
                                                                                                                           GSE9650_EFFECTOR_VS_EXHAUSTED_CD8_TCELL_UP, GSE9650_EFFECTOR_VS_EXHAUSTED_CD8_TCELL_UP
                                                                                                                           GSE37301_MULTIPOTENT_PROGENITOR_VS_COMMON_LYMPHOID_PROGENITOR_UP, GSE37301_MULTIPOTENT_PROGENITOR_VS_COMMON_LYMPHOID_PROGENITOR_UP
                                                                                                                           GSE7548 DAY7 VS DAY28 PCC IMMUNIZATION CD4 TCELL DN, GSE7548 DAY7 VS DAY28 PCC IMMUNIZATION CD4 TCELL DN
                                                                                                                           GSE12198_CTRL_VS_LOW_IL2_STIM_NK_CELL_UP, GSE12198_CTRL_VS_LOW_IL2_STIM_NK_CELL_UP
                                                                                                                           GSE15930 STIM_VS_STIM_AND_IL12_48H_CD8_T_CELL_UP, GSE15930 STIM_VS_STIM_AND_IL12_48H_CD8_T_CELL_UP
                                                                                                                           GSE2770_UNTREATED_VS_IL4_TREATED_ACT_CD4_TCELL_48H_UP, GSE2770_UNTREATED_VS_IL4_TREATED_ACT_CD4_TCELL_48H_UP
                                                                                                                           GSE339_CD4POS_VS_CD8POS_DC_UP, GSE339_CD4POS_VS_CD8POS_DC_UP
                                                                                                                           GSE28237_EARLY_VS_LATE_GC_BCELL_DN, GSE28237_EARLY_VS_LATE_GC_BCELL_DN
                                                                                                                           GSE10273_HIGH_VS_LOW_IL7_TREATED_IRF4_8_NULL_PRE_BCELL_DN, GSE10273_HIGH_VS_LOW_IL7_TREATED_IRF4_8_NULL_PRE_BCELL_DN
                                                                                                                           GSE36527_CD62L_HIGH_CD69_NEG_VS_CD62L_LOW_CD69_POS_TREG_KLRG1_NEG_UP, GSE36527_CD62L_HIGH_CD69_NEG_VS_CD62L_LOW_CD69_POS_TREG_KLRG1_NEG_UP
                                                                                                                           GSE23568_ID3_TRANSDUCED_VS_ID3_KO_CD8_TCELL_UP, GSE23568_ID3_TRANSDUCED_VS_ID3_KO_CD8_TCELL_UP
                                                                                                                           GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_4H_ACT_CD4_TCELL_UP, GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_4H_ACT_CD4_TCELL_UP
                                                                                                                           GSE27670_CTRL_VS_LMP1_TRANSDUCED_GC_BCELL_UP, GSE27670_CTRL_VS_LMP1_TRANSDUCED_GC_BCELL_UP
                                                                                                                           GSE28737_WT_VS_BCL6_HET_FOLLICULAR_BCELL_UP, GSE28737_WT_VS_BCL6_HET_FOLLICULAR_BCELL_UP
                                                                                                                           GSE35685_CD34POS_CD38NEG_VS_CD34POS_CD10POS_BONE_MARROW_UP, GSE35685_CD34POS_CD38NEG_VS_CD34POS_CD10POS_BONE_MARROW_UP
                                                                                                                           GSE9037_WT_VS_IRAK4_KO_LPS_4H_STIM_BMDM_DN, GSE9037_WT_VS_IRAK4_KO_LPS_4H_STIM_BMDM_DN
                                                                                                                           GSE339_CD4POS_VS_CD4CD8DN_DC_UP, GSE339_CD4POS_VS_CD4CD8DN_DC_UP
                                                                                                                           AIZARANI_LIVER_C34_MHC_II_POS_B_CELLS, AIZARANI_LIVER_C34_MHC_II_POS_B_CELLS
                                                                                                                           GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_MONOCYTE_DN, GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_MONOCYTE_DN
                                                                                                                           HP_MYALGIA, HP_MYALGIA
                                                                                                                           REACTOME REGULATION OF LIPID METABOLISM BY PPARALPHA, REACTOME REGULATION OF LIPID METABOLISM BY PPARALPHA
                                                                                                                           GSE3982 MAST CELL VS BCELL DN, GSE3982 MAST CELL VS BCELL DN
                                                                                                                           GSE33425_CD161_HIGH_VS_NEG_CD8_TCELL_UP, GSE33425_CD161_HIGH_VS_NEG_CD8_TCELL_UP
                                                                                                                           GSE26912_TUMORICIDAL_VS_CTRL_MACROPHAGE_DN, GSE26912_TUMORICIDAL_VS_CTRL_MACROPHAGE_DN
                                                                                                                           GSE21360_PRIMARY_VS_SECONDARY_MEMORY_CD8_TCELL_DN, GSE21360_PRIMARY_VS_SECONDARY_MEMORY_CD8_TCELL_DN
                                                                                                                           GSE15624_3H_VS_6H_HALOFUGINONE_TREATED_CD4_TCELL_DN, GSE15624_3H_VS_6H_HALOFUGINONE_TREATED_CD4_TCELL_DN
                                                                                                                           HP_ABNORMAL_MITRAL_VALVE_PHYSIOLOGY, HP_ABNORMAL_MITRAL_VALVE_PHYSIOLOGY
                                                                                                                           GOBP_STEROID_BIOSYNTHETIC_PROCESS, GOBP_STEROID_BIOSYNTHETIC_PROCESS
                                                                                                                           GSE32164_RESTING_DIFFERENTIATED_VS_CMYC_INHIBITED_MACROPHAGE_UP, GSE32164_RESTING_DIFFERENTIATED_VS_CMYC_INHIBITED_MACROPHAGE_UP
                                                                                                                           GSE17721_CTRL_VS_LPS_0.5H_BMDC_UP, GSE17721_CTRL_VS_LPS_0.5H_BMDC_UP
                                                                                                                           HP AUTOIMMUNITY, HP AUTOIMMUNITY
                                                                                                                           GOBP_REGULATION_OF_LYMPHOCYTE_DIFFERENTIATION, GOBP_REGULATION_OF_LYMPHOCYTE_DIFFERENTIATION
                                                                                                                           HP ARTHRALGIA, HP ARTHRALGIA
                                                                                                                           MODULE_430, MODULE_430
                                                                                                                           GSE12963_UNINF_VS_ENV_AND_NEF_AND_VPR_DEFICIENT_HIV1_INF_CD4_TCELL_UP, GSE12963_UNINF_VS_ENV_AND_NEF_AND_VPR_DEFICIENT_HIV1_INF_CD4_TCELL_UP
                                                                                                                           GOBP_POSITIVE_REGULATION_OF_TYPE_I_INTERFERON_PRODUCTION, GOBP_POSITIVE_REGULATION_OF_TYPE_I_INTERFERON_PRODUCTION
                                                                                                                           PID_HDAC_CLASSI_PATHWAY, PID_HDAC_CLASSI_PATHWAY
                                                                                                                           MIR5699_5P, MIR5699_5P
                                                                                                                           GOBP_POSITIVE_REGULATION_OF_PEPTIDASE_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_PEPTIDASE_ACTIVITY
                                                                                                                           MYAATNNNNNNNGGC_UNKNOWN, MYAATNNNNNNNGGC_UNKNOWN
                                                                                                                           REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_ACETYLATION, REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_ACETYLATION
                                                                                                                           HP_EASY_FATIGABILITY, HP_EASY_FATIGABILITY
                                                                                                                           ZHAN_MULTIPLE_MYELOMA_CD1_VS_CD2_UP, ZHAN_MULTIPLE_MYELOMA_CD1_VS_CD2_UP
                                                                                                                           MORF_RFC5, MORF_RFC5
                                                                                                                           MIR499B_5P, MIR499B_5P
                                                                                                                           HP_CLONUS, HP_CLONUS
                                                                                                                           MIR1271_3P, MIR1271_3P
                                                                                                                           CHIARETTI_ACUTE_LYMPHOBLASTIC_LEUKEMIA_ZAP70, CHIARETTI_ACUTE_LYMPHOBLASTIC_LEUKEMIA_ZAP70
                                                                                                                           MIR550A_3_5P_MIR550A_5P, MIR550A_3_5P_MIR550A_5P
                                                                                                                           WP_VIRAL_ACUTE_MYOCARDITIS, WP_VIRAL_ACUTE_MYOCARDITIS
                                                                                                                           HP_SLENDER_LONG_BONE, HP_SLENDER_LONG_BONE
                                                                                                                           HP_UNUSUAL_FUNGAL_INFECTION, HP_UNUSUAL_FUNGAL_INFECTION
                                                                                                                           MODULE_484, MODULE_484
                                                                                                                           KLEIN_TARGETS_OF_BCR_ABL1_FUSION, KLEIN_TARGETS_OF_BCR_ABL1_FUSION
                                                                                                                           REACTOME_INTERLEUKIN_3_INTERLEUKIN_5_AND_GM_CSF_SIGNALING, REACTOME_INTERLEUKIN_3_INTERLEUKIN_5_AND_GM_CSF_SIGNALING
                                                                                                                           GOMF_NON_MEMBRANE_SPANNING_PROTEIN_TYROSINE_KINASE_ACTIVITY, GOMF_NON_MEMBRANE_SPANNING_PROTEIN_TYROSINE_KINASE_ACTIVITY
                                                                                                                           MIR552 3P, MIR552 3P
                                                                                                                           GSE16266_LPS_VS_HEATSHOCK_AND_LPS_STIM_MEF_UP, GSE16266_LPS_VS_HEATSHOCK_AND_LPS_STIM_MEF_UP
                                                                                                                           GGGATGC_MIR3245P, GGGATGC_MIR3245P
                                                                                                                           WP_IL3_SIGNALING_PATHWAY, WP_IL3_SIGNALING_PATHWAY
                                                                                                                           HP_VASCULITIS, HP_VASCULITIS
                                                                                                                           PID_CASPASE_PATHWAY, PID_CASPASE_PATHWAY
                                                                                                                           GOCC_DNA_HELICASE_COMPLEX, GOCC_DNA_HELICASE_COMPLEX
                                                                                                                           WP_NOVEL_INTRACELLULAR_COMPONENTS_OF_RIGILIKE_RECEPTOR_RLR_PATHWAY, WP_NOVEL_INTRACELLULAR_COMPONENTS_OF_RIGILIKE_RECEPTOR_RLR_PATHWAY
                                                                                                                           SOTIRIOU_BREAST_CANCER_GRADE_1_VS_3_DN, SOTIRIOU_BREAST_CANCER_GRADE_1_VS_3_DN
                                                                                                                           GOBP_SOMATIC_RECOMBINATION_OF_IMMUNOGLOBULIN_GENE_SEGMENTS, GOBP_SOMATIC_RECOMBINATION_OF_IMMUNOGLOBULIN_GENE_SEGMENTS
                                                                                                                           WP_IL6_SIGNALING_PATHWAY, WP_IL6_SIGNALING_PATHWAY
                                                                                                                           GOMF_SH2_DOMAIN_BINDING, GOMF_SH2_DOMAIN_BINDING
                                                                                                                           GSE7459_UNTREATED_VS_IL6_TREATED_ACT_CD4_TCELL_UP, GSE7459_UNTREATED_VS_IL6_TREATED_ACT_CD4_TCELL_UP
                                                                                                                           HP PURPURA, HP PURPURA
                                                                                                                           HP_ABNORMALITY_OF_THE_DIENCEPHALON, HP_ABNORMALITY_OF_THE_DIENCEPHALON
                                                                                                                           HP_PRIMITIVE_NEUROECTODERMAL_TUMOR, HP_PRIMITIVE_NEUROECTODERMAL_TUMOR
                                                                                                                           GOBP_MEMBRANE_DEPOLARIZATION, GOBP_MEMBRANE_DEPOLARIZATION
                                                                                                                           REACTOME_SIGNALING_BY_CSF3_G_CSF, REACTOME_SIGNALING_BY_CSF3_G_CSF
                                                                                                                           WP_NOCGMPPKG_MEDIATED_NEUROPROTECTION, WP_NOCGMPPKG_MEDIATED_NEUROPROTECTION
                                                                                                                           PID_MYC_REPRESS_PATHWAY, PID_MYC_REPRESS_PATHWAY
                                                                                                                           REACTOME_INTEGRATION_OF_ENERGY_METABOLISM, REACTOME_INTEGRATION_OF_ENERGY_METABOLISM
                                                                                                                           JAZAG_TGFB1_SIGNALING_DN, JAZAG_TGFB1_SIGNALING_DN
                                                                                                                           MIR4474_3P, MIR4474_3P
                                                                                                                           GOBP_POSITIVE_REGULATION_OF_DNA_RECOMBINATION, GOBP_POSITIVE_REGULATION_OF_DNA_RECOMBINATION
                                                                                                                           HP_ABNORMAL_C_REACTIVE_PROTEIN_LEVEL, HP_ABNORMAL_C_REACTIVE_PROTEIN_LEVEL
                                                                                                                           GOBP_INTERLEUKIN_4_PRODUCTION, GOBP_INTERLEUKIN_4_PRODUCTION
                                                                                                                           ULE_SPLICING_VIA_NOVA2, ULE_SPLICING_VIA_NOVA2
                                                                                                                           MIR6740_5P, MIR6740_5P
                                                                                                                            ZSCAN5B_TARGET_GENES, ZSCAN5B_TARGET_GENES
                                                                                                                           WP_NONGENOMIC_ACTIONS_OF_125_DIHYDROXYVITAMIN_D3, WP_NONGENOMIC_ACTIONS_OF_125_DIHYDROXYVITAMIN_D3
                                                                                                                           GOBP_NEUROMUSCULAR_JUNCTION_DEVELOPMENT, GOBP_NEUROMUSCULAR_JUNCTION_DEVELOPMENT
                                                                                                                           MORF_STK17A, MORF_STK17A
                                                                                                                           GOBP REGULATION OF DNA BINDING, GOBP REGULATION OF DNA BINDING
                                                                                                                           BIOCARTA_GH_PATHWAY, BIOCARTA_GH_PATHWAY
                                                                                                                            MIR1255A_MIR1255B_5P, MIR1255A_MIR1255B_5P
                                                                                                                            GSE14413_UNSTIM_VS_IFNB_STIM_L929_CELLS_DN, GSE14413_UNSTIM_VS_IFNB_STIM_L929_CELLS_DN
                                                                                                                           HP_POLYCYSTIC_KIDNEY_DYSPLASIA, HP_POLYCYSTIC_KIDNEY_DYSPLASIA
                                                                                                                           BIOCARTA TNFR1 PATHWAY, BIOCARTA TNFR1 PATHWAY
                                                                                                                            GOBP_GAMMA_DELTA_T_CELL_ACTIVATION, GOBP_GAMMA_DELTA_T_CELL_ACTIVATION
                                                                                                                           HP_ARRHINENCEPHALY, HP_ARRHINENCEPHALY
                                                                                                                           WP_HOSTPATHOGEN_INTERACTION_OF_HUMAN_CORONA_VIRUSES_INTERFERON_INDUCTION, WP_HOSTPATHOGEN_INTERACTION_OF_HUMAN_CORONA_VIRUSES_INTERFERON_INDUCTION
                                                                                                                           HP_ACNE, HP_ACNE
                                                                                                                           GNF2_ZAP70, GNF2_ZAP70
                                                                                                                           REACTOME_OTHER_INTERLEUKIN_SIGNALING, REACTOME_OTHER_INTERLEUKIN_SIGNALING
                                                                                                                           GOBP_ORGANIC_CATION_TRANSPORT, GOBP_ORGANIC_CATION_TRANSPORT
                                                                                                                            KEGG_RIG_I_LIKE_RECEPTOR_SIGNALING_PATHWAY, KEGG_RIG_I_LIKE_RECEPTOR_SIGNALING_PATHWAY
                                                                                                                            MIR6811_3P, MIR6811_3P
                                                                                                                            MIR208A_3P, MIR208A_3P
                                                                                                                            MIR208B_3P, MIR208B_3P
                                                                                                                           GOBP_REGULATION_OF_CALCIUM_MEDIATED_SIGNALING, GOBP_REGULATION_OF_CALCIUM_MEDIATED_SIGNALING
                                                                                                                           REACTOME_DOWNREGULATION_OF_SMAD2_3_SMAD4_TRANSCRIPTIONAL_ACTIVITY, REACTOME_DOWNREGULATION_OF_SMAD2_3_SMAD4_TRANSCRIPTIONAL_ACTIVITY
                                                                                                                           GOCC_TRANS_GOLGI_NETWORK_TRANSPORT_VESICLE, GOCC_TRANS_GOLGI_NETWORK_TRANSPORT_VESICLE
                                                                                                                           GOBP_CELLULAR_RESPONSE_TO_DSRNA, GOBP_CELLULAR_RESPONSE_TO_DSRNA
                                                                                                                           GOBP_CELLULAR_RESPONSE_TO_EXOGENOUS_DSRNA, GOBP_CELLULAR_RESPONSE_TO_EXOGENOUS_DSRNA
                                                                                                                           CAGGGTC_MIR504, CAGGGTC_MIR504
                                                                                                                           HP_DEATH_IN_EARLY_ADULTHOOD, HP_DEATH_IN_EARLY_ADULTHOOD
                                                                                                                           WP_SPLICING_FACTOR_NOVA_REGULATED_SYNAPTIC_PROTEINS, WP_SPLICING_FACTOR_NOVA_REGULATED_SYNAPTIC_PROTEINS
                                                                                                                           GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_4_PRODUCTION, GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_4_PRODUCTION
                                                                                                                           BIOCARTA_IL22BP_PATHWAY, BIOCARTA_IL22BP_PATHWAY
                                                                                                                           GOBP_BETA_CATENIN_TCF_COMPLEX_ASSEMBLY, GOBP_BETA_CATENIN_TCF_COMPLEX_ASSEMBLY
                                                                                                                           GOBP_MODULATION_OF_EXCITATORY_POSTSYNAPTIC_POTENTIAL, GOBP_MODULATION_OF_EXCITATORY_POSTSYNAPTIC_POTENTIAL
                                                                                                                           WP_TYPE_II_DIABETES_MELLITUS, WP_TYPE_II_DIABETES_MELLITUS
                                                                                                                           VANTVEER_BREAST_CANCER_BRCA1_DN, VANTVEER_BREAST_CANCER_BRCA1_DN
                                                                                                                           GOBP_BILE_ACID_METABOLIC_PROCESS, GOBP_BILE_ACID_METABOLIC_PROCESS
                                                                                                                           GOBP_PRODUCTION_OF_MOLECULAR_MEDIATOR_INVOLVED_IN_INFLAMMATORY_RESPONSE, GOBP_PRODUCTION_OF_MOLECULAR_MEDIATOR_INVOLVED_IN_INFLAMMATORY_RESPONSE
                                                                                                                           HP_ORTHOPNEA, HP_ORTHOPNEA
                                                                                                                           GOBP_POSITIVE_REGULATION_OF_B_CELL_DIFFERENTIATION, GOBP_POSITIVE_REGULATION_OF_B_CELL_DIFFERENTIATION
                                                                                                                           WP_HIPPOYAP_SIGNALING_PATHWAY, WP_HIPPOYAP_SIGNALING_PATHWAY
                                                                                                                            GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_2_PRODUCTION, GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_2_PRODUCTION
                                                                                                                            GOBP_POSITIVE_REGULATION_OF_FILOPODIUM_ASSEMBLY, GOBP_POSITIVE_REGULATION_OF_FILOPODIUM_ASSEMBLY
                                                                                                                            MIR627_5P, MIR627_5P
                                                                                                                            GHO_ATF5_TARGETS_DN, GHO_ATF5_TARGETS_DN
                                                                                                                            WP_WNT_SIGNALING, WP_WNT_SIGNALING
                                                                                                                            GOBP_POSTSYNAPTIC_MEMBRANE_ORGANIZATION, GOBP_POSTSYNAPTIC_MEMBRANE_ORGANIZATION
                                                                                                                            GOBP_POSITIVE_REGULATION_OF_JNK_CASCADE, GOBP_POSITIVE_REGULATION_OF_JNK_CASCADE
                                                                                                                            REACTOME_GROWTH_HORMONE_RECEPTOR_SIGNALING, REACTOME_GROWTH_HORMONE_RECEPTOR_SIGNALING
                                                                                                                            HP DEEP PLANTAR CREASES, HP DEEP PLANTAR CREASES
                                                                                                                            MIR4661_3P, MIR4661_3P
                                                                                                                            HP PULMONARY EDEMA, HP PULMONARY EDEMA
                                                                                                                           HP_SLEEP_APNEA, HP_SLEEP_APNEA
                                                                                                                           GSE32034_UNTREATED_VS_ROSIGLIZATONE_TREATED_LY6C_LOW_MONOCYTE_UP, GSE32034_UNTREATED_VS_ROSIGLIZATONE_TREATED_LY6C_LOW_MONOCYTE_UP
                                                                                                                           GOBP_IMMUNOGLOBULIN_PRODUCTION_INVOLVED_IN_IMMUNOGLOBULIN_MEDIATED_IMMUNE_RESPONSE, GOBP_IMMUNOGLOBULIN_PRODUCTION_INVOLVED_IN_IMMUNOGLOBULIN_MEDIATED_IMMUNE_RESPONSE
L10 STIM IL10 KO MACROPHAGE 10MIN DN, GSE9509 LPS VS LPS AND IL10 STIM IL10 KO MACROPHAGE 10MIN DN
                                                                                                                            BIOCARTA_IFNA_PATHWAY, BIOCARTA_IFNA_PATHWAY
                                                                                                                            REACTOME_BILE_ACID_AND_BILE_SALT_METABOLISM, REACTOME_BILE_ACID_AND_BILE_SALT_METABOLISM
                                                                                                                            BRF1_TARGET_GENES, BRF1_TARGET_GENES
                                                                                                                            MODULE_20, MODULE_20
                                                                                                                            HP_ABNORMAL_SERUM_INSULIN_LIKE_GROWTH_FACTOR_1_LEVEL, HP_ABNORMAL_SERUM_INSULIN_LIKE_GROWTH_FACTOR_1_LEVEI
                                                                                                                            HP_ABNORMAL_ECHOCARDIOGRAM, HP_ABNORMAL_ECHOCARDIOGRAM
                                                                                                                            GOBP_REGULATION_OF_GAMMA_DELTA_T_CELL_ACTIVATION, GOBP_REGULATION_OF_GAMMA_DELTA_T_CELL_ACTIVATION
                                                                                                                            REACTOME_ERYTHROPOIETIN_ACTIVATES_STAT5, REACTOME_ERYTHROPOIETIN_ACTIVATES_STAT5
                                                                                                                            GOBP_RECEPTOR_CLUSTERING, GOBP_RECEPTOR_CLUSTERING
                                                                                                                            REACTOME_NCAM1_INTERACTIONS, REACTOME_NCAM1_INTERACTIONS
                                                                                                                            REACTOME REGULATION OF IFNA SIGNALING, REACTOME REGULATION OF IFNA SIGNALING
                                                                                                                            GOMF_STEROL_TRANSFER_ACTIVITY, GOMF_STEROL_TRANSFER_ACTIVITY
                                                                                                                            GOBP_POSITIVE_REGULATION_OF_GAMMA_DELTA_T_CELL_ACTIVATION, GOBP_POSITIVE_REGULATION_OF_GAMMA_DELTA_T_CELL_ACTIVATION
                                                                                                                            HP_FACIAL_HYPOTONIA, HP_FACIAL_HYPOTONIA
                                                                                                                           HP_RESPIRATORY_ARREST, HP_RESPIRATORY_ARREST
                                                                                                                            GOMF_UBIQUITIN_UBIQUITIN_LIGASE_ACTIVITY, GOMF_UBIQUITIN_UBIQUITIN_LIGASE_ACTIVITY
                                                                                                                           HP_IMPAIRED_DISTAL_VIBRATION_SENSATION, HP_IMPAIRED_DISTAL_VIBRATION_SENSATION
                                                                                                                           SA_CASPASE_CASCADE, SA_CASPASE_CASCADE
                                                                                                                           HP_RECURRENT_NEISSERIAL_INFECTIONS, HP_RECURRENT_NEISSERIAL_INFECTIONS
                                                                                                                           GOBP_CHOLINE_TRANSPORT, GOBP_CHOLINE_TRANSPORT
                                                                                                                           GOBP_GAMMA_DELTA_T_CELL_DIFFERENTIATION, GOBP_GAMMA_DELTA_T_CELL_DIFFERENTIATION
                                                                                                                           HP_GRANULOCYTOPENIA, HP_GRANULOCYTOPENIA
                                                                                                                           REACTOME_TRANSPORT_OF_VITAMINS_NUCLEOSIDES_AND_RELATED_MOLECULES, REACTOME_TRANSPORT_OF_VITAMINS_NUCLEOSIDES_AND_RELATED_MOLECULES
                                                                                                                           HP_VIRAL_HEPATITIS, HP_VIRAL_HEPATITIS
                                                                                                                           HP_ABNORMAL_TUBULOINTERSTITIAL_MORPHOLOGY, HP_ABNORMAL_TUBULOINTERSTITIAL_MORPHOLOGY
                                                                                                                           GOBP_REGULATION_OF_OSTEOBLAST_DIFFERENTIATION, GOBP_REGULATION_OF_OSTEOBLAST_DIFFERENTIATION
                                                                                                                           BIOCARTA_CASPASE_PATHWAY, BIOCARTA_CASPASE_PATHWAY
                                                                                                                           HP_MANIA, HP_MANIA
                                                                                                                            SHARMA_PILOCYTIC_ASTROCYTOMA_LOCATION_DN, SHARMA_PILOCYTIC_ASTROCYTOMA_LOCATION_DN
                                                                                                                           REACTOME_INTERLEUKIN_35_SIGNALLING, REACTOME_INTERLEUKIN_35_SIGNALLING
                                                                                                                           GOBP_POSITIVE_REGULATION_OF_ISOTYPE_SWITCHING, GOBP_POSITIVE_REGULATION_OF_ISOTYPE_SWITCHING
                                                                                                                           GOBP_POSTSYNAPTIC_DENSITY_PROTEIN_95_CLUSTERING, GOBP_POSTSYNAPTIC_DENSITY_PROTEIN_95_CLUSTERING
                                                                                                                           HP_DILATATION_OF_THE_VENTRICULAR_CAVITY, HP_DILATATION_OF_THE_VENTRICULAR_CAVITY
                                                                                                                           GOBP RETROGRADE TRANSPORT ENDOSOME TO PLASMA MEMBRANE, GOBP RETROGRADE TRANSPORT ENDOSOME TO PLASMA MEMBRANE
                                                                                                                           HP_SEBORRHEIC_DERMATITIS, HP_SEBORRHEIC_DERMATITIS
                                                                                                                           HP_ECCHYMOSIS, HP_ECCHYMOSIS
                                                                                                                            RADAEVA_RESPONSE_TO_IFNA1_DN, RADAEVA_RESPONSE_TO_IFNA1_DN
                                                                                                                            SMID_BREAST_CANCER_RELAPSE_IN_LIVER_DN, SMID_BREAST_CANCER_RELAPSE_IN_LIVER_DN
                                                                                                                            REACTOME_NEUROTRANSMITTER_CLEARANCE, REACTOME_NEUROTRANSMITTER_CLEARANCE
                                                                                                                           HP_ABNORMAL_INTERNAL_CAROTID_ARTERY_MORPHOLOGY, HP_ABNORMAL_INTERNAL_CAROTID_ARTERY_MORPHOLOGY
                                                                                                                           GOBP_SINGLE_STRAND_BREAK_REPAIR, GOBP_SINGLE_STRAND_BREAK_REPAIR
                                                                                                                            BIOCARTA_D4GDI_PATHWAY, BIOCARTA_D4GDI_PATHWAY
                                                                                                                            KORKOLA_SEMINOMA_DN, KORKOLA_SEMINOMA_DN
                                                                                                                            GOBP_REGULATION_OF_ANTIGEN_PROCESSING_AND_PRESENTATION_OF_PEPTIDE_ANTIGEN, GOBP_REGULATION_OF_ANTIGEN_PROCESSING_AND_PRESENTATION_OF_PEPTIDE_ANTIGEN
                                                                                                                            GOCC_GATOR1_COMPLEX, GOCC_GATOR1_COMPLEX
                                                                                                                            WP_TRANSCRIPTION_COFACTORS_SKI_AND_SKIL_PROTEIN_PARTNERS, WP_TRANSCRIPTION_COFACTORS_SKI_AND_SKIL_PROTEIN_PARTNERS
                                                                                                                           HP_ABNORMALITY_OF_RENAL_RESORPTION, HP_ABNORMALITY_OF_RENAL_RESORPTION
                                                                                                                           WP_PATHWAYS_OF_NUCLEIC_ACID_METABOLISM_AND_INNATE_IMMUNE_SENSING, WP_PATHWAYS_OF_NUCLEIC_ACID_METABOLISM_AND_INNATE_IMMUNE_SENSING
                                                                                                                           HP HYPOPLASTIC HIPPOCAMPUS, HP HYPOPLASTIC HIPPOCAMPUS
                                                                                                                           GOBP_POSITIVE_REGULATION_OF_NATURAL_KILLER_CELL_PROLIFERATION, GOBP_POSITIVE_REGULATION_OF_NATURAL_KILLER_CELL_PROLIFERATION
                                                                                                                            MIR604, MIR604
                                                                                                                           HP_HYPOMETRIC_SACCADES, HP_HYPOMETRIC_SACCADES
                                                                                                                           HP_CHOLANGITIS, HP_CHOLANGITIS
                                                                                                                            BIOCARTA_IL3_PATHWAY, BIOCARTA_IL3_PATHWAY
                                                                                                                           HP LIMB DYSMETRIA, HP LIMB DYSMETRIA
                                                                                                                           GOBP_REGULATION_OF_GLUCOSE_IMPORT, GOBP_REGULATION_OF_GLUCOSE_IMPORT
                                                                                                                           HP_CENTRAL_Y_SHAPED_METACARPAL, HP_CENTRAL_Y_SHAPED_METACARPAL
                                                                                                                           GOCC_ALPHA_BETA_T_CELL_RECEPTOR_COMPLEX, GOCC_ALPHA_BETA_T_CELL_RECEPTOR_COMPLEX
                                                                                                                           BIOCARTA_EPO_PATHWAY, BIOCARTA_EPO_PATHWAY
                                                                                                                           HP_RHEUMATOID_FACTOR_POSITIVE, HP_RHEUMATOID_FACTOR_POSITIVE
                                                                                                                           WP_TYPE_III_INTERFERON_SIGNALING, WP_TYPE_III_INTERFERON_SIGNALING
                                                                                                                           HP_NEGATIVISM, HP_NEGATIVISM
                                                                                                                           REACTOME_CASPASE_ACTIVATION_VIA_DEPENDENCE_RECEPTORS_IN_THE_ABSENCE_OF_LIGAND, REACTOME_CASPASE_ACTIVATION_VIA_DEPENDENCE_RECEPTORS_IN_THE_ABSENCE_OF_LIGAND
                                                                                                                            REACTOME PURINE SALVAGE, REACTOME PURINE SALVAGE
                                                                                                                           HP_DYSESTHESIA, HP_DYSESTHESIA
                                                                                                                           HP_ABNORMAL_PLATELET_GRANULES, HP_ABNORMAL_PLATELET_GRANULES
                                                                                                                            MIR6894_5P, MIR6894_5P
                                                                                                                           HP_TRUNCUS_ARTERIOSUS, HP_TRUNCUS_ARTERIOSUS
                                                                                                                           HP_SPINAL_CORD_TUMOR, HP_SPINAL_CORD_TUMOR
                                                                                                                           GOBP MEIOTIC DNA DOUBLE STRAND BREAK FORMATION, GOBP MEIOTIC DNA DOUBLE STRAND BREAK FORMATION
                                                                                                                           KORKOLA_EMBRYONAL_CARCINOMA_DN, KORKOLA_EMBRYONAL_CARCINOMA_DN
                                                                                                                           HP_Y_SHAPED_METACARPALS, HP_Y_SHAPED_METACARPALS
                                                                                                                            NR2E3_TARGET_GENES, NR2E3_TARGET_GENES
                                                                                                                           GOBP_N_TERMINAL_PROTEIN_LIPIDATION, GOBP_N_TERMINAL_PROTEIN_LIPIDATION
                                                                                                                           GOBP_REGULATION_OF_SMAD_PROTEIN_COMPLEX_ASSEMBLY, GOBP_REGULATION_OF_SMAD_PROTEIN_COMPLEX_ASSEMBLY
                                                                                                                           RAFFEL_VEGFA_TARGETS_DN, RAFFEL_VEGFA_TARGETS_DN
                                                                                                                           HP_CHRONIC_LYMPHOCYTIC_MENINGITIS, HP_CHRONIC_LYMPHOCYTIC_MENINGITIS
                                                                                                                           CGTCTTA_MIR208, CGTCTTA_MIR208
                                                                                                                           GOMF_ANGIOTENSIN_RECEPTOR_BINDING, GOMF_ANGIOTENSIN_RECEPTOR_BINDING
                                                                                                                           GOBP_PHENOL_CONTAINING_COMPOUND_CATABOLIC_PROCESS, GOBP_PHENOL_CONTAINING_COMPOUND_CATABOLIC_PROCESS
                                                                                                                           HP_PLATYBASIA, HP_PLATYBASIA
                                                                                                                           GOBP_BILE_ACID_BIOSYNTHETIC_PROCESS, GOBP_BILE_ACID_BIOSYNTHETIC_PROCESS
                                                                                                                           DESCARTES_FETAL_PANCREAS_SMOOTH_MUSCLE_CELLS, DESCARTES_FETAL_PANCREAS_SMOOTH_MUSCLE_CELLS
                                                                                                                            XU_AKT1_TARGETS_48HR, XU_AKT1_TARGETS_48HR
                                                                                                                           HP_ABNORMALITY_OF_VON_WILLEBRAND_FACTOR, HP_ABNORMALITY_OF_VON_WILLEBRAND_FACTOR
                                                                                                                           GOBP_SYNAPTIC_GROWTH_AT_NEUROMUSCULAR_JUNCTION, GOBP_SYNAPTIC_GROWTH_AT_NEUROMUSCULAR_JUNCTION
                                                                                                                           REACTOME_INTERLEUKIN_20_FAMILY_SIGNALING, REACTOME_INTERLEUKIN_20_FAMILY_SIGNALING
                                                                                                                           MIR10401_3P, MIR10401_3P
                                                                                                                           HP_TUBULOINTERSTITIAL_NEPHRITIS, HP_TUBULOINTERSTITIAL_NEPHRITIS
                                                                                                                           HP_C1_C2_VERTEBRAL_ABNORMALITY, HP_C1_C2_VERTEBRAL_ABNORMALITY
                                                                                                                           HP_KNEE_CLONUS, HP_KNEE_CLONUS
                                                                                                                           HP_STOOPED_POSTURE, HP_STOOPED_POSTURE
                                                                                                                           GOBP_CLUSTERING_OF_VOLTAGE_GATED_SODIUM_CHANNELS, GOBP_CLUSTERING_OF_VOLTAGE_GATED_SODIUM_CHANNELS
                                                                                                                           GOBP_REGULATION_OF_NEUROMUSCULAR_JUNCTION_DEVELOPMENT, GOBP_REGULATION_OF_NEUROMUSCULAR_JUNCTION_DEVELOPMENT
                                                                                                                           HP_CUTANEOUS_ANERGY, HP_CUTANEOUS_ANERGY
                                                                                                                           GOBP_NEGATIVE_REGULATION_OF_CYCLIC_NUCLEOTIDE_PHOSPHODIESTERASE_ACTIVITY, GOBP_NEGATIVE_REGULATION_OF_CYCLIC_NUCLEOTIDE_PHOSPHODIESTERASE_ACTIVITY
                                                                                                                           HP_HIP_FLEXOR_WEAKNESS, HP_HIP_FLEXOR_WEAKNESS
                                                                                                                           GOMF_ACETYLCHOLINE_RECEPTOR_BINDING, GOMF_ACETYLCHOLINE_RECEPTOR_BINDING
                                                                                                                           HP_CENTRAL_ADRENAL_INSUFFICIENCY, HP_CENTRAL_ADRENAL_INSUFFICIENCY
                                                                                                                           HP_ABNORMAL_SPERM_HEAD_MORPHOLOGY, HP_ABNORMAL_SPERM_HEAD_MORPHOLOGY
                                                                                                                           HP_ABNORMALITY_OF_THE_EXTRAOCULAR_MUSCLES, HP_ABNORMALITY_OF_THE_EXTRAOCULAR_MUSCLES
                                                                                                                           REACTOME_INTERLEUKIN_9_SIGNALING, REACTOME_INTERLEUKIN_9_SIGNALING
                                                                                                                           REACTOME_ACTIVATION_OF_C3_AND_C5, REACTOME_ACTIVATION_OF_C3_AND_C5
                                                                                                                           HP_LACK_OF_T_CELL_FUNCTION, HP_LACK_OF_T_CELL_FUNCTION
                                                                                                                           GOBP_ACTIVATION_OF_CYSTEINE_TYPE_ENDOPEPTIDASE_ACTIVITY_INVOLVED_IN_APOPTOTIC_PROCESS_BY_CYTOCHROME_C, GOBP_ACTIVATION_OF_CYSTEINE_TYPE_ENDOPEPTIDASE_ACTIVITY_INVOLVED_IN_APOPTOT
                                                                                                                           GOBP_REGULATION_OF_FATTY_ACID_TRANSPORT, GOBP_REGULATION_OF_FATTY_ACID_TRANSPORT
                                                                                                                           HP_PREMATURE_PUBARCHE, HP_PREMATURE_PUBARCHE
                                                                                                                           IIZUKA_LIVER_CANCER_PROGRESSION_G1_G2_UP, IIZUKA_LIVER_CANCER_PROGRESSION_G1_G2_UP
                                                                                                                           REACTOME SMAC_XIAP_REGULATED_APOPTOTIC_RESPONSE, REACTOME_SMAC_XIAP_REGULATED_APOPTOTIC_RESPONSE
                                                                                                                           chr11q14, chr11q14
                                                                                                                           GOBP_CATECHOL_CONTAINING_COMPOUND_CATABOLIC_PROCESS, GOBP_CATECHOL_CONTAINING_COMPOUND_CATABOLIC_PROCESS
                                                                                                                           HP_VARICOSE_VEINS, HP_VARICOSE_VEINS
                                                                                                                           HP_REDUCED_RENAL_CORTICOMEDULLARY_DIFFERENTIATION, HP_REDUCED_RENAL_CORTICOMEDULLARY_DIFFERENTIATION
                                                                                                                           HP_RENAL_TUBULAR_EPITHELIAL_NECROSIS, HP_RENAL_TUBULAR_EPITHELIAL_NECROSIS
                                                                                                                           GOBP_NEGATIVE_REGULATION_OF_ATP_BIOSYNTHETIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_ATP_BIOSYNTHETIC_PROCESS
                                                                                                                           BAFNA_MUC4_TARGETS_UP, BAFNA_MUC4_TARGETS_UP
                                                                                                                           HP_DECREASED_SERUM_COMPLEMENT_FACTOR_B, HP_DECREASED_SERUM_COMPLEMENT_FACTOR_B
                                                                                                                           GOBP_GLYCOSIDE_TRANSPORT, GOBP_GLYCOSIDE_TRANSPORT
                                                                                                                           BIOCARTA_MITR_PATHWAY, BIOCARTA_MITR_PATHWAY
                                                                                                                           HP_ACUTE_OTITIS_MEDIA, HP_ACUTE_OTITIS_MEDIA
                                                                                                                           HP_SUDDEN_LOSS_OF_VISUAL_ACUITY, HP_SUDDEN_LOSS_OF_VISUAL_ACUITY
                                                                                                                           HP_ABNORMAL_QRS_COMPLEX, HP_ABNORMAL_QRS_COMPLEX
                                                                                                                           HP_ABNORMAL_CIRCULATING_BETA_GLOBULIN_LEVEL, HP_ABNORMAL_CIRCULATING_BETA_GLOBULIN_LEVEL
                                                                                                                           HP_EPISCLERITIS, HP_EPISCLERITIS
                                                                                                                           HP_CHRONIC_HEPATITIS_DUE_TO_CRYPTOSPORIDIUM_INFECTION, HP_CHRONIC_HEPATITIS_DUE_TO_CRYPTOSPORIDIUM_INFECTION
                                                                                                                           GOMF_ACETYL_COA_HYDROLASE_ACTIVITY, GOMF_ACETYL_COA_HYDROLASE_ACTIVITY
                                                                                                                           GOMF_O_PALMITOYLTRANSFERASE_ACTIVITY, GOMF_O_PALMITOYLTRANSFERASE_ACTIVITY
                                                                                                                           GOBP_NEGATIVE_REGULATION_OF_NUCLEOTIDE_BIOSYNTHETIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_NUCLEOTIDE_BIOSYNTHETIC_PROCESS
                                                                                                                           chr14q12, chr14q12
                                                                                                                           HP_RETINAL_ARTERIOLAR_TORTUOSITY, HP_RETINAL_ARTERIOLAR_TORTUOSITY
                                                                                                                           GOBP_RESPONSE_TO_INTERLEUKIN_9, GOBP_RESPONSE_TO_INTERLEUKIN_9
                                                                                                                            HP_POSTERIOR_PHARYNGEAL_CLEFT, HP_POSTERIOR_PHARYNGEAL_CLEFT
                                                                                                                           HP_CRANIAL_NERVE_VI_PALSY, HP_CRANIAL_NERVE_VI_PALSY
                                                                                                                           HP_SCLEROSING_CHOLANGITIS, HP_SCLEROSING_CHOLANGITIS
                                                                                                                           REACTOME_ACTIVATION_OF_CASPASES_THROUGH_APOPTOSOME_MEDIATED_CLEAVAGE, REACTOME_ACTIVATION_OF_CASPASES_THROUGH_APOPTOSOME_MEDIATED_CLEAVAGE
                                                                                                                           GOBP_NEGATIVE_REGULATION_OF_SCHWANN_CELL_PROLIFERATION, GOBP_NEGATIVE_REGULATION_OF_SCHWANN_CELL_PROLIFERATION
                                                                                                                           WP_SARS_CORONAVIRUS_AND_INNATE_IMMUNITY, WP_SARS_CORONAVIRUS_AND_INNATE_IMMUNITY
                                                                                                                           REACTOME_PD_1_SIGNALING, REACTOME_PD_1_SIGNALING
                                                                                                                           HP_ORTHOKERATOSIS, HP_ORTHOKERATOSIS
                                                                                                                           HP_LEFT_BUNDLE_BRANCH_BLOCK, HP_LEFT_BUNDLE_BRANCH_BLOCK
                                                                                                                           HP_MACULOPAPULAR_EXANTHEMA, HP_MACULOPAPULAR_EXANTHEMA
                                                                                                                           GOMF_GROWTH_HORMONE_RECEPTOR_BINDING, GOMF_GROWTH_HORMONE_RECEPTOR_BINDING
                                                                                                                           HP_CHRONIC_HEPATITIS, HP_CHRONIC_HEPATITIS
                                                                                                                           HP_CEREBRAL_HAMARTOMA, HP_CEREBRAL_HAMARTOMA
                                                                                                                           GOBP_NEURONAL_ION_CHANNEL_CLUSTERING, GOBP_NEURONAL_ION_CHANNEL_CLUSTERING
                                                                                                                           HP ANAL_FISSURE, HP_ANAL_FISSURE
                                                                                                                           GOBP_SOMATOSTATIN_RECEPTOR_SIGNALING_PATHWAY, GOBP_SOMATOSTATIN_RECEPTOR_SIGNALING_PATHWAY
                                                                                                                           GOMF_SOMATOSTATIN_RECEPTOR_ACTIVITY, GOMF_SOMATOSTATIN_RECEPTOR_ACTIVITY
                                                                                                                           REACTOME_ALTERNATIVE_COMPLEMENT_ACTIVATION, REACTOME_ALTERNATIVE_COMPLEMENT_ACTIVATION
                                                                                                                           GOBP_POSITIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CILIUM, GOBP_POSITIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CILIUM
                                                                                                                           HP_ABNORMAL_CIRCULATING_GLOBULIN_LEVEL, HP_ABNORMAL_CIRCULATING_GLOBULIN_LEVEL
                                                                                                                           GOMF_CHITIN_BINDING, GOMF_CHITIN_BINDING
                                                                                                                           GOBP_LENS_MORPHOGENESIS_IN_CAMERA_TYPE_EYE, GOBP_LENS_MORPHOGENESIS_IN_CAMERA_TYPE_EYE
                                                                                                                            HP_BROAD_JAW, HP_BROAD_JAW
                                                                                                                            GOMF_BETA_GLUCOSIDASE_ACTIVITY, GOMF_BETA_GLUCOSIDASE_ACTIVITY
                                                                                                                           GOMF_MHC_CLASS_I_PROTEIN_COMPLEX_BINDING, GOMF_MHC_CLASS_I_PROTEIN_COMPLEX_BINDING
                                                                                                                           GOBP_SCHWANN_CELL_PROLIFERATION, GOBP_SCHWANN_CELL_PROLIFERATION
                                                                                                                            WP_BIOGENIC_AMINE_SYNTHESIS, WP_BIOGENIC_AMINE_SYNTHESIS
                                                                                                                           IGLESIAS_E2F_TARGETS_DN, IGLESIAS_E2F_TARGETS_DN
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GSE35685_CD34POS_CD10NEG_CD62LPOS_VS_CD34POS_CD10POS_BONE_MARROW_UP, GSE35685_CD34POS_CD10NEG_CD62LPOS_VS_CD34POS_CD10POS_BONE_MARROW_UP

GSE46606 IRF4MID_VS_WT_CD40L_IL2_IL5_DAY3_STIMULATED_BCELL_DN, GSE46606_IRF4MID_VS_WT_CD40L_IL2_IL5_DAY3_STIMULATED_BCELL_DN

GSE7509 DC VS MONOCYTE WITH FCGRIIB STIM UP, GSE7509 DC VS MONOCYTE WITH FCGRIIB STIM UP

GSE19923_HEB_KO_VS_HEB_AND_E2A_KO_DP_THYMOCYTE_UP, GSE19923_HEB_KO_VS_HEB_AND_E2A_KO_DP_THYMOCYTE_UP