```
GSE21033_CTRL_VS_POLYIC_STIM_DC_3H_DN, GSE21033_CTRL_VS_POLYIC_STIM_DC_3H_DN
                                                                                                           GSE3982_NEUTROPHIL_VS_BASOPHIL_DN, GSE3982_NEUTROPHIL_VS_BASOPHIL_DN
                                                                                                           GSE24814_STAT5_KO_VS_WT_PRE_BCELL_DN, GSE24814_STAT5_KO_VS_WT_PRE_BCELL_DN
                                                                                                           GSE37301_COMMON_LYMPHOID_PROGENITOR_VS_CD4_TCELL_DN, GSE37301_COMMON_LYMPHOID_PROGENITOR_VS_CD4_TCELL_DN
                                                                                                           GSE29949_CD8_POS_DC_SPLEEN_VS_DC_BRAIN_UP, GSE29949_CD8_POS_DC_SPLEEN_VS_DC_BRAIN_UP
                                                                                                           GSE3982_CTRL_VS_LPS_4H_MAC_UP, GSE3982_CTRL_VS_LPS_4H_MAC_UP
                                                                                                           GSE3982_BASOPHIL_VS_TH1_UP, GSE3982_BASOPHIL_VS_TH1_UP
                                                                                                           GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_MDC_DN, GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_MDC_DN
                                                                                                          GOBP_REGULATION_OF_HISTONE_MODIFICATION, GOBP_REGULATION_OF_HISTONE_MODIFICATION
                                                                                                           GSE1460_CD4_THYMOCYTE_VS_THYMIC_STROMAL_CELL_UP, GSE1460_CD4_THYMOCYTE_VS_THYMIC_STROMAL_CELL_UP
                                                                                                           GSE21546_WT_VS_ELK1_KO_ANTI_CD3_STIM_DP_THYMOCYTES_UP, GSE21546_WT_VS_ELK1_KO_ANTI_CD3_STIM_DP_THYMOCYTES_UP
                                                                                                           PDGF_UP.V1_UP, PDGF_UP.V1_UP
                                                                                                           GSE3982_MAC_VS_BASOPHIL_DN, GSE3982_MAC_VS_BASOPHIL_DN
                                                                                                           GSE3982_CENT_MEMORY_CD4_TCELL_VS_NKCELL_DN, GSE3982_CENT_MEMORY_CD4_TCELL_VS_NKCELL_DN
                                                                                                           GSE3982_DC_VS_MAC_LPS_STIM_UP, GSE3982_DC_VS_MAC_LPS_STIM_UP
                                                                                                          HP_SINGLE_TRANSVERSE_PALMAR_CREASE, HP_SINGLE_TRANSVERSE_PALMAR_CREASE
                                                                                                           GOMF CHAPERONE BINDING, GOMF CHAPERONE BINDING
                                                                                                           GSE19401 PAM2CSK4_VS_RETINOIC_ACID_AND_PAM2CSK4_STIM_FOLLICULAR_DC_UP, GSE19401 PAM2CSK4_VS_RETINOIC_ACID_AND_PAM2CSK4_STIM_FOLLICULAR_DC_UP
                                                                                                           VANTVEER_BREAST_CANCER_ESR1_UP, VANTVEER_BREAST_CANCER_ESR1_UP
                                                                                                          GSE3982 BASOPHIL VS NKCELL UP, GSE3982 BASOPHIL VS NKCELL UP
                                                                                                          GOMF_HEAT_SHOCK_PROTEIN_BINDING, GOMF_HEAT_SHOCK_PROTEIN_BINDING
                                                                                                          GSE3982 BASOPHIL VS NKCELL DN, GSE3982 BASOPHIL VS NKCELL DN
                                                                                                          PPARGC1A_TARGET_GENES, PPARGC1A_TARGET_GENES
                                                                                                           GSE42021_CD24INT_VS_CD24LOW_TREG_THYMUS_DN, GSE42021_CD24INT_VS_CD24LOW_TREG_THYMUS_DN
                                                                                                           HOSHIDA_LIVER_CANCER_SURVIVAL_DN, HOSHIDA_LIVER_CANCER_SURVIVAL_DN
                                                                                                           GSE3982_MAC_VS_EFF_MEMORY_CD4_TCELL_DN, GSE3982_MAC_VS_EFF_MEMORY_CD4_TCELL_DN
                                                                                                           GSE3982_BCELL_VS_BASOPHIL_UP, GSE3982_BCELL_VS_BASOPHIL_UP
                                                                                                           GSE3982_CENT_MEMORY_CD4_TCELL_VS_TH2_UP, GSE3982_CENT_MEMORY_CD4_TCELL_VS_TH2_UP
                                                                                                           GSE7548_DAY7_VS_DAY28_PCC_IMMUNIZATION_CD4_TCELL_UP, GSE7548_DAY7_VS_DAY28_PCC_IMMUNIZATION_CD4_TCELL_UP
                                                                                                           GSE12845_IGD_POS_VS_NEG_BLOOD_BCELL_UP, GSE12845_IGD_POS_VS_NEG_BLOOD_BCELL_UP
                                                                                                          GSE23114_WT_VS_SLE2C1_MOUSE_PERITONEAL_CAVITY_B1A_BCELL_UP, GSE23114_WT_VS_SLE2C1_MOUSE_PERITONEAL_CAVITY_B1A_BCELL_UP
                                                                                                          HP_APLASIA_HYPOPLASIA_OF_THE_EYEBROW, HP_APLASIA_HYPOPLASIA_OF_THE_EYEBROW
                                                                                                          GSE29949_CD8_POS_DC_SPLEEN_VS_MONOCYTE_BONE_MARROW_UP, GSE29949_CD8_POS_DC_SPLEEN_VS_MONOCYTE_BONE_MARROW_UP
                                                                                                          RUIZ_TNC_TARGETS_UP, RUIZ_TNC_TARGETS_UP
                                                                                                          GOBP_ORGANELLE_MEMBRANE_FUSION, GOBP_ORGANELLE_MEMBRANE_FUSION
                                                                                                          HP_COARCTATION_OF_AORTA, HP_COARCTATION_OF_AORTA
                                                                                                          GOBP_HISTONE_H3_K4_METHYLATION, GOBP_HISTONE_H3_K4_METHYLATION
                                                                                                          GSE45739 UNSTIM VS ACD3 ACD28 STIM NRAS KO CD4 TCELL DN, GSE45739 UNSTIM VS ACD3 ACD28 STIM NRAS KO CD4 TCELL DN
                                                                                                          GOBP_REGULATION_OF_TOR_SIGNALING, GOBP_REGULATION_OF_TOR_SIGNALING
                                                                                                          HP_ABNORMAL_CHOROID_MORPHOLOGY, HP_ABNORMAL_CHOROID_MORPHOLOGY
                                                                                                          HP_ABNORMALITY_OF_THE_COLUMELLA, HP_ABNORMALITY_OF_THE_COLUMELLA
                                                                                                          HP CONGENITAL HIP DISLOCATION, HP CONGENITAL HIP DISLOCATION
                                                                                                          HP ABNORMAL CHORIORETINAL MORPHOLOGY, HP ABNORMAL CHORIORETINAL MORPHOLOGY
                                                                                                           GSE6269_E_COLI_VS_STREP_PNEUMO_INF_PBMC_UP, GSE6269_E_COLI_VS_STREP_PNEUMO_INF_PBMC_UP
                                                                                                           HP INTESTINAL MALROTATION, HP INTESTINAL MALROTATION
                                                                                                          GOBP_MICROTUBULE_POLYMERIZATION, GOBP_MICROTUBULE_POLYMERIZATION
                                                                                                          HP_FLAT_OCCIPUT, HP_FLAT_OCCIPUT
                                                                                                           GOMF_GENERAL_TRANSCRIPTION_INITIATION_FACTOR_BINDING, GOMF_GENERAL_TRANSCRIPTION_INITIATION_FACTOR_BINDING
                                                                                                          HP_SUBMUCOUS_CLEFT_OF_SOFT_AND_HARD_PALATE, HP_SUBMUCOUS_CLEFT_OF_SOFT_AND_HARD_PALATE
                                                                                                          HP_ABNORMAL_AORTIC_VALVE_PHYSIOLOGY, HP_ABNORMAL_AORTIC_VALVE_PHYSIOLOGY
                                                                                                          HP_DECREASED_FACIAL_EXPRESSION, HP_DECREASED_FACIAL_EXPRESSION
                                                                                                          GOBP_MICROTUBULE_NUCLEATION, GOBP_MICROTUBULE_NUCLEATION
                                                                                                          HP_BILATERAL_SINGLE_TRANSVERSE_PALMAR_CREASES, HP_BILATERAL_SINGLE_TRANSVERSE_PALMAR_CREASES
                                                                                                           GSE37301_COMMON_LYMPHOID_PROGENITOR_VS_RAG2_KO_NK_CELL_UP, GSE37301_COMMON_LYMPHOID_PROGENITOR_VS_RAG2_KO_NK_CELL_UP
                                                                                                           GSE1460_DP_THYMOCYTE_VS_NAIVE_CD4_TCELL_CORD_BLOOD_DN, GSE1460_DP_THYMOCYTE_VS_NAIVE_CD4_TCELL_CORD_BLOOD_DN
                                                                                                          HP_ABNORMALITY_OF_THE_PYLORUS, HP_ABNORMALITY_OF_THE_PYLORUS
                                                                                                          HP_ABNORMAL_LACTATE_DEHYDROGENASE_LEVEL, HP_ABNORMAL_LACTATE_DEHYDROGENASE_LEVEL
                                                                                                           GSE1460_NAIVE_CD4_TCELL_CORD_BLOOD_VS_THYMIC_STROMAL_CELL_UP, GSE1460_NAIVE_CD4_TCELL_CORD_BLOOD_VS_THYMIC_STROMAL_CELL_UP
                                                                                                           TTCNRGNNNNTTC_HSF_Q6, TTCNRGNNNNTTC_HSF_Q6
                                                                                                           MIR147A, MIR147A
                                                                                                           HP_MICRODONTIA, HP_MICRODONTIA
                                                                                                           MIR10401_5P, MIR10401_5P
                                                                                                           GOBP_REGULATION_OF_PROTEIN_ACETYLATION, GOBP_REGULATION_OF_PROTEIN_ACETYLATION
                                                                                                           STAT3_02, STAT3_02
                                                                                                           MIR6765_3P, MIR6765_3P
                                                                                                           MORF RFC5, MORF RFC5
                                                                                                           HP_ABNORMAL_LARYNX_PHYSIOLOGY, HP_ABNORMAL_LARYNX_PHYSIOLOGY
                                                                                                           ESC_V6.5_UP_LATE.V1_UP, ESC_V6.5_UP_LATE.V1_UP
                                                                                                           MIR6755_3P, MIR6755_3P
                                                                                                           YEGNASUBRAMANIAN_PROSTATE_CANCER, YEGNASUBRAMANIAN_PROSTATE_CANCER
                                                                                                           SMIRNOV_RESPONSE_TO_IR_2HR_DN, SMIRNOV_RESPONSE_TO_IR_2HR_DN
                                                                                                           MIR6502 3P, MIR6502 3P
                                                                                                           MIR1256, MIR1256
                                                                                                           WP_MESODERMAL_COMMITMENT_PATHWAY, WP_MESODERMAL_COMMITMENT_PATHWAY
                                                                                                           GSE37301_LYMPHOID_PRIMED_MPP_VS_PRO_BCELL_DN, GSE37301_LYMPHOID_PRIMED_MPP_VS_PRO_BCELL_DN
                                                                                                           MIR10525_3P, MIR10525_3P
                                                                                                           YTAATTAA_LHX3_01, YTAATTAA_LHX3_01
                                                                                                           WP_ENDODERM_DIFFERENTIATION, WP_ENDODERM_DIFFERENTIATION
                                                                                                           HP_PROFOUND_GLOBAL_DEVELOPMENTAL_DELAY, HP_PROFOUND_GLOBAL_DEVELOPMENTAL_DELAY
                                                                                                           GSE37605_C57BL6_VS_NOD_FOXP3_IRES_GFP_TCONV_UP, GSE37605_C57BL6_VS_NOD_FOXP3_IRES_GFP_TCONV_UP
                                                                                                           HOFT_CD4_POSITIVE_ALPHA_BETA_MEMORY_T_CELL_BCG_VACCINE_AGE_18_45YO_56D_TOP_100_DEG_AFTER_IN_VITRO_RE_STIMULATION_UP, HOFT_CD4_POSITIVE_ALPHA_BETA_MEMORY_T_CELL_BCG_VACCINE_AGE_18_45YO_56D_TOP_100_DEG_AFTER_IN_VI
                                                                                                           MIR4676 5P, MIR4676 5P
                                                                                                           GOBP_TORC1_SIGNALING, GOBP_TORC1_SIGNALING
                                                                                                          GOMF_PHOSPHATIDYLINOSITOL_4_PHOSPHATE_BINDING, GOMF_PHOSPHATIDYLINOSITOL_4_PHOSPHATE_BINDING
                                                                                                           HP_ABNORMAL_PLATELET_MORPHOLOGY, HP_ABNORMAL_PLATELET_MORPHOLOGY
                                                                                                           PANGAS TUMOR SUPPRESSION BY SMAD1 AND SMAD5 UP, PANGAS TUMOR SUPPRESSION BY SMAD1 AND SMAD5 UP
                                                                                                           GOBP_NEGATIVE_REGULATION_OF_TOR_SIGNALING, GOBP_NEGATIVE_REGULATION_OF_TOR_SIGNALING
                                                                                                           MIR575, MIR575
                                                                                                           MIR4790_3P, MIR4790_3P
                                                                                                           KUMAR_AUTOPHAGY_NETWORK, KUMAR_AUTOPHAGY_NETWORK
                                                                                                           GOCC TOR COMPLEX, GOCC TOR COMPLEX
                                                                                                           MIR1293, MIR1293
                                                                                                           MIR106A_3P, MIR106A_3P
                                                                                                           GOCC_MLL1_2_COMPLEX, GOCC_MLL1_2_COMPLEX
                                                                                                           GOMF_CARBOXYLIC_ACID_BINDING, GOMF_CARBOXYLIC_ACID_BINDING
                                                                                                           GOBP_OLIGOSACCHARIDE_METABOLIC_PROCESS, GOBP_OLIGOSACCHARIDE_METABOLIC_PROCESS
                                                                                                           HP_ABNORMAL_LEVELS_OF_ALPHA_FETOPROTEIN, HP_ABNORMAL_LEVELS_OF_ALPHA_FETOPROTEIN
                                                                                                           HP_IMPAIRED_VIBRATORY_SENSATION, HP_IMPAIRED_VIBRATORY_SENSATION
                                                                                                           HP_DUPLICATED_COLLECTING_SYSTEM, HP_DUPLICATED_COLLECTING_SYSTEM
                                                                                                           REACTOME_HDMS_DEMETHYLATE_HISTONES, REACTOME_HDMS_DEMETHYLATE_HISTONES
                                                                                                           GSE2770_UNTREATED_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_2H_UP, GSE2770_UNTREATED_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_2H_UP
                                                                                                           MARIADASON_RESPONSE_TO_BUTYRATE_SULINDAC_4, MARIADASON_RESPONSE_TO_BUTYRATE_SULINDAC_4
VS_UNTREATED_MOUSE_TREG_DN, GSE22527_ANTI_CD3_INVIVO_VS_UNTREATED_MOUSE_TREG_DN
                                                                                                           GSE19374_UNINF_VS_LISTERIA_INFECTED_MACROPHAGE_UP, GSE19374_UNINF_VS_LISTERIA_INFECTED_MACROPHAGE_UP
                                                                                                           VANTVEER_BREAST_CANCER_METASTASIS_UP, VANTVEER_BREAST_CANCER_METASTASIS_UP
                                                                                                           GOMF_TFIID_CLASS_TRANSCRIPTION_FACTOR_COMPLEX_BINDING, GOMF_TFIID_CLASS_TRANSCRIPTION_FACTOR_COMPLEX_BINDING
                                                                                                           HP_METRORRHAGIA, HP_METRORRHAGIA
                                                                                                           GSE3565_DUSP1_VS_WT_SPLENOCYTES_POST_LPS_INJECTION_DN, GSE3565_DUSP1_VS_WT_SPLENOCYTES_POST_LPS_INJECTION_DN
                                                                                                           GOBP_NEGATIVE_REGULATION_OF_HISTONE_MODIFICATION, GOBP_NEGATIVE_REGULATION_OF_HISTONE_MODIFICATION
                                                                                                           HP_BREECH_PRESENTATION, HP_BREECH_PRESENTATION
                                                                                                           HP_ABNORMAL_CIRCULATING_LONG_CHAIN_FATTY_ACID_CONCENTRATION, HP_ABNORMAL_CIRCULATING_LONG_CHAIN_FATTY_ACID_CONCENTRATION
                                                                                                           HP_APLASIA_HYPOPLASIA_OF_THE_CEREBRAL_WHITE_MATTER, HP_APLASIA_HYPOPLASIA_OF_THE_CEREBRAL_WHITE_MATTER
                                                                                                           HP_AORTIC_REGURGITATION, HP_AORTIC_REGURGITATION
                                                                                                           GOBP_RAC_PROTEIN_SIGNAL_TRANSDUCTION, GOBP_RAC_PROTEIN_SIGNAL_TRANSDUCTION
                                                                                                           GOMF_DEMETHYLASE_ACTIVITY, GOMF_DEMETHYLASE_ACTIVITY
                                                                                                           HP_CONGENITAL_MICROCEPHALY, HP_CONGENITAL_MICROCEPHALY
                                                                                                           HP_ABNORMAL_NASOLACRIMAL_SYSTEM_MORPHOLOGY, HP_ABNORMAL_NASOLACRIMAL_SYSTEM_MORPHOLOGY
                                                                                                           HP_BELL_SHAPED_THORAX, HP_BELL_SHAPED_THORAX
                                                                                                           BHAT_ESR1_TARGETS_VIA_AKT1_DN, BHAT_ESR1_TARGETS_VIA_AKT1_DN
                                                                                                           KYNG_ENVIRONMENTAL_STRESS_RESPONSE_NOT_BY_GAMMA_IN_OLD, KYNG_ENVIRONMENTAL_STRESS_RESPONSE_NOT_BY_GAMMA_IN_OLD
                                                                                                           MORF_ZNF10, MORF_ZNF10
                                                                                                          GOBP_GOLGI_TO_ENDOSOME_TRANSPORT, GOBP_GOLGI_TO_ENDOSOME_TRANSPORT
                                                                                                          HP_ABNORMAL_GLOMERULAR_MESANGIUM_MORPHOLOGY, HP_ABNORMAL_GLOMERULAR_MESANGIUM_MORPHOLOGY
                                                                                                           WP_THYROID_HORMONES_PRODUCTION_AND_THEIR_PERIPHERAL_DOWNSTREAM_SIGNALLING_EFFECTS, WP_THYROID_HORMONES_PRODUCTION_AND_THEIR_PERIPHERAL_DOWNSTREAM_SIGNALLING_EFFECTS
                                                                                                          GOBP_RESPONSE_TO_ANTIBIOTIC, GOBP_RESPONSE_TO_ANTIBIOTIC
                                                                                                           HP_HIGH_ANTERIOR_HAIRLINE, HP_HIGH_ANTERIOR_HAIRLINE
                                                                                                           HP_ABNORMALITY_OF_THE_DENTAL_ROOT, HP_ABNORMALITY_OF_THE_DENTAL_ROOT
                                                                                                           REACTOME_ABERRANT_REGULATION_OF_MITOTIC_EXIT_IN_CANCER_DUE_TO_RB1_DEFECTS, REACTOME_ABERRANT_REGULATION_OF_MITOTIC_EXIT_IN_CANCER_DUE_TO_RB1_DEFECTS
                                                                                                           HP_PURE_RED_CELL_APLASIA, HP_PURE_RED_CELL_APLASIA
                                                                                                          HP_ABNORMAL_RENAL_COLLECTING_SYSTEM_MORPHOLOGY, HP_ABNORMAL_RENAL_COLLECTING_SYSTEM_MORPHOLOGY
                                                                                                           GOBP_RESPONSE_TO_LEAD_ION, GOBP_RESPONSE_TO_LEAD_ION
                                                                                                           SS18_SSX1_FUSION_UNIPROT_Q8IZH1_UNREVIEWED_TARGET_GENES, SS18_SSX1_FUSION_UNIPROT_Q8IZH1_UNREVIEWED_TARGET_GENES
                                                                                                          WP_INTERLEUKIN11_SIGNALING_PATHWAY, WP_INTERLEUKIN11_SIGNALING_PATHWAY
                                                                                                           GOMF_HSP90_PROTEIN_BINDING, GOMF_HSP90_PROTEIN_BINDING
                                                                                                           GOBERT_CORE_OLIGODENDROCYTE_DIFFERENTIATION, GOBERT_CORE_OLIGODENDROCYTE_DIFFERENTIATION
                                                                                                          GOBP_RNA_POLYMERASE_II_PREINITIATION_COMPLEX_ASSEMBLY, GOBP_RNA_POLYMERASE_II_PREINITIATION_COMPLEX_ASSEMBLY
                                                                                                           GSE13229_IMM_VS_INTMATURE_NKCELL_UP, GSE13229_IMM_VS_INTMATURE_NKCELL_UP
                                                                                                          GOBP_REGULATION_OF_TORC1_SIGNALING, GOBP_REGULATION_OF_TORC1_SIGNALING
                                                                                                           DAUER_STAT3_TARGETS_DN, DAUER_STAT3_TARGETS_DN
                                                                                                           MIR7106_3P, MIR7106_3P
                                                                                                           HP_PULMONARY_HEMORRHAGE, HP_PULMONARY_HEMORRHAGE
                                                                                                           GOBP_POSITIVE_REGULATION_OF_PROTEIN_TARGETING_TO_MEMBRANE, GOBP_POSITIVE_REGULATION_OF_PROTEIN_TARGETING_TO_MEMBRANE
                                                                                                           GOCC_TORC2_COMPLEX, GOCC_TORC2_COMPLEX
                                                                                                           DARWICHE_SKIN_TUMOR_PROMOTER_UP, DARWICHE_SKIN_TUMOR_PROMOTER_UP
                                                                                                           MIR191 5P, MIR191 5P
                                                                                                           DACOSTA_UV_RESPONSE_VIA_ERCC3_XPCS_UP, DACOSTA_UV_RESPONSE_VIA_ERCC3_XPCS_UP
                                                                                                           HP_VERY_LONG_CHAIN_FATTY_ACID_ACCUMULATION, HP_VERY_LONG_CHAIN_FATTY_ACID_ACCUMULATION
                                                                                                           GSE29618_PRE_VS_DAY7_FLU_VACCINE_MONOCYTE_UP, GSE29618_PRE_VS_DAY7_FLU_VACCINE_MONOCYTE_UP
                                                                                                           MIR3675_5P, MIR3675_5P
                                                                                                          HP_ADRENAL_INSUFFICIENCY, HP_ADRENAL_INSUFFICIENCY
                                                                                                          HP_SHORT_COLUMELLA, HP_SHORT_COLUMELLA
                                                                                                          GOCC_MITOTIC_SPINDLE_MICROTUBULE, GOCC_MITOTIC_SPINDLE_MICROTUBULE
                                                                                                           MIR3616_3P, MIR3616_3P
                                                                                                          HP_CEREBRAL_WHITE_MATTER_HYPOPLASIA, HP_CEREBRAL_WHITE_MATTER_HYPOPLASIA
                                                                                                          SA_B_CELL_RECEPTOR_COMPLEXES, SA_B_CELL_RECEPTOR_COMPLEXES
                                                                                                           ANDERSEN_CHOLANGIOCARCINOMA_CLASS1, ANDERSEN_CHOLANGIOCARCINOMA_CLASS1
                                                                                                           GOCC TORC1 COMPLEX, GOCC TORC1 COMPLEX
                                                                                                           GOBP_REGULATION_OF_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_BY_P53_CLASS_MEDIATOR, GOBP_REGULATION_OF_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_BY_P53_CLASS_MEDIATOR
                                                                                                          WP_HEMATOPOIETIC_STEM_CELL_DIFFERENTIATION, WP_HEMATOPOIETIC_STEM_CELL_DIFFERENTIATION
                                                                                                          HP_HAND_CLENCHING, HP_HAND_CLENCHING
                                                                                                          HP_ABNORMAL_PLATELET_GRANULES, HP_ABNORMAL_PLATELET_GRANULES
                                                                                                          GOCC_ELONGATOR_HOLOENZYME_COMPLEX, GOCC_ELONGATOR_HOLOENZYME_COMPLEX
                                                                                                           GSE21546 UNSTIM_VS_ANTI_CD3_STIM_ELK1_KO_DP_THYMOCYTES_DN, GSE21546_UNSTIM_VS_ANTI_CD3_STIM_ELK1_KO_DP_THYMOCYTES_DN
                                                                                                          REACTOME_SIALIC_ACID_METABOLISM, REACTOME_SIALIC_ACID_METABOLISM
                                                                                                          MIR3137, MIR3137
                                                                                                          GOBP_POSITIVE_REGULATION_OF_RNA_POLYMERASE_II_TRANSCRIPTION_PREINITIATION_COMPLEX_ASSEMBLY, GOBP_POSITIVE_REGULATION_OF_RNA_POLYMERASE_II_TRANSCRIPTION_PREINITIATION_COMPLEX_ASSEMBLY
                                                                                                          PID_RAC1_REG_PATHWAY, PID_RAC1_REG_PATHWAY
                                                                                                          LAMB_CCND1_TARGETS, LAMB_CCND1_TARGETS
                                                                                                          HP_PAPILLEDEMA, HP_PAPILLEDEMA
                                                                                                          MIR4259, MIR4259
                                                                                                          HP ABNORMAL BLISTERING OF THE SKIN, HP ABNORMAL BLISTERING OF THE SKIN
                                                                                                          WAESCH_ANAPHASE_PROMOTING_COMPLEX, WAESCH_ANAPHASE_PROMOTING_COMPLEX
                                                                                                          HP CHORIORETINAL COLOBOMA, HP CHORIORETINAL COLOBOMA
                                                                                                          HP_DIFFUSE_MESANGIAL_SCLEROSIS, HP_DIFFUSE_MESANGIAL_SCLEROSIS
                                                                                                           GOBP_POSITIVE_REGULATION_OF_CHROMATIN_BINDING, GOBP_POSITIVE_REGULATION_OF_CHROMATIN_BINDING
                                                                                                           FOURNIER_ACINAR_DEVELOPMENT_EARLY_UP, FOURNIER_ACINAR_DEVELOPMENT_EARLY_UP
                                                                                                           HP_ACANTHOSIS_NIGRICANS, HP_ACANTHOSIS_NIGRICANS
                                                                                                           GOCC_IMMUNOLOGICAL_SYNAPSE, GOCC_IMMUNOLOGICAL_SYNAPSE
                                                                                                           REACTOME_APOPTOTIC_CLEAVAGE_OF_CELLULAR_PROTEINS, REACTOME_APOPTOTIC_CLEAVAGE_OF_CELLULAR_PROTEINS
                                                                                                           HP_APLASTIC_CLAVICLE, HP_APLASTIC_CLAVICLE
                                                                                                           HP_FLAT_FOREHEAD, HP_FLAT_FOREHEAD
                                                                                                          HP_SPINAL_CORD_LESION, HP_SPINAL_CORD_LESION
                                                                                                           GOBP_ROOF_OF_MOUTH_DEVELOPMENT, GOBP_ROOF_OF_MOUTH_DEVELOPMENT
                                                                                                          HP_ABNORMAL_PLATELET_FUNCTION, HP_ABNORMAL_PLATELET_FUNCTION
                                                                                                          GOBP_PROTEIN_IMPORT_INTO_PEROXISOME_MATRIX, GOBP_PROTEIN_IMPORT_INTO_PEROXISOME_MATRIX
                                                                                                          HP_PILI_TORTI, HP_PILI_TORTI
                                                                                                          GOBP_HEAD_MORPHOGENESIS, GOBP_HEAD_MORPHOGENESIS
                                                                                                           MARKS_HDAC_TARGETS_DN, MARKS_HDAC_TARGETS_DN
                                                                                                           GOBP NEGATIVE REGULATION OF POSTTRANSCRIPTIONAL GENE SILENCING, GOBP NEGATIVE REGULATION OF POSTTRANSCRIPTIONAL GENE SILENCING
                                                                                                           GOBP_INTESTINAL_EPITHELIAL_CELL_DIFFERENTIATION, GOBP_INTESTINAL_EPITHELIAL_CELL_DIFFERENTIATION
                                                                                                           GOBP_REGULATION_OF_RNA_POLYMERASE_II_TRANSCRIPTION_PREINITIATION_COMPLEX_ASSEMBLY, GOBP_REGULATION_OF_RNA_POLYMERASE_II_TRANSCRIPTION_PREINITIATION_COMPLEX_ASSEMBLY
                                                                                                           MIR323B 5P, MIR323B 5P
                                                                                                           MIR410 5P, MIR410 5P
                                                                                                           GOMF GROWTH FACTOR RECEPTOR BINDING, GOMF GROWTH FACTOR RECEPTOR BINDING
                                                                                                           MIR5687, MIR5687
                                                                                                           MIR494_5P, MIR494_5P
                                                                                                           PLASARI_TGFB1_SIGNALING_VIA_NFIC_10HR_DN, PLASARI_TGFB1_SIGNALING_VIA_NFIC_10HR_DN
                                                                                                           GOMF_TRANSLATION_REPRESSOR_ACTIVITY, GOMF_TRANSLATION_REPRESSOR_ACTIVITY
                                                                                                           GOBP_PEROXISOMAL_MEMBRANE_TRANSPORT, GOBP_PEROXISOMAL_MEMBRANE_TRANSPORT
                                                                                                           GOBP_BRANCHING_MORPHOGENESIS_OF_A_NERVE, GOBP_BRANCHING_MORPHOGENESIS_OF_A_NERVE
                                                                                                           GOBP N ACYLPHOSPHATIDYLETHANOLAMINE METABOLIC PROCESS, GOBP N ACYLPHOSPHATIDYLETHANOLAMINE METABOLIC PROCESS
                                                                                                           SCHERER_PBMC_APSV_WETVAX_AGE_18_40YO_5_TO_7DY_UP, SCHERER_PBMC_APSV_WETVAX_AGE_18_40YO_5_TO_7DY_UP
                                                                                                           GOBP_CHROMATIN_DISASSEMBLY, GOBP_CHROMATIN_DISASSEMBLY
                                                                                                           HP_MYOPATHIC_FACIES, HP_MYOPATHIC_FACIES
                                                                                                           HP_THICK_CORPUS_CALLOSUM, HP_THICK_CORPUS_CALLOSUM
                                                                                                           GOBP_PLASMA_MEMBRANE_TO_ENDOSOME_TRANSPORT, GOBP_PLASMA_MEMBRANE_TO_ENDOSOME_TRANSPORT
                                                                                                           GOBP FACE DEVELOPMENT, GOBP FACE DEVELOPMENT
                                                                                                          GOMF_TRANSLATION_REPRESSOR_ACTIVITY_MRNA_REGULATORY_ELEMENT_BINDING, GOMF_TRANSLATION_REPRESSOR_ACTIVITY_MRNA_REGULATORY_ELEMENT_BINDING
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GSE22033\_UNTREATED\_VS\_ROSIGLITAZONE\_TREATED\_MEF\_UP, GSE22033\_UNTREATED\_VS\_ROSIGLITAZONE\_TREATED\_MEF\_UP

GSE20152\_SPHK1\_KO\_VS\_HTNFA\_OVEREXPRESS\_ANKLE\_DN, GSE20152\_SPHK1\_KO\_VS\_HTNFA\_OVEREXPRESS\_ANKLE\_DN

GSE21033\_CTRL\_VS\_POLYIC\_STIM\_DC\_3H\_UP, GSE21033\_CTRL\_VS\_POLYIC\_STIM\_DC\_3H\_UP