```
GSE42021 CD24HI TREG VS CD24HI TCONV THYMUS UP, GSE42021 CD24HI TREG VS CD24HI TCONV THYMUS UP
                                                                                                           GSE16450_CTRL_VS_IFNA_6H_STIM_MATURE_NEURON_CELL_LINE_DN, GSE16450_CTRL_VS_IFNA_6H_STIM_MATURE_NEURON_CELL_LINE_DN
                                                                                                           GSE9601 UNTREATED VS PI3K INHIBITOR TREATED HCMV INF MONOCYTE UP, GSE9601 UNTREATED VS PI3K INHIBITOR TREATED HCMV INF MONOCYTE UP
                                                                                                           GSE22886_TCELL_VS_BCELL_NAIVE_UP, GSE22886_TCELL_VS_BCELL_NAIVE_UP
                                                                                                           GSE15330_WT_VS_IKAROS_KO_LYMPHOID_MULTIPOTENT_PROGENITOR_DN, GSE15330_WT_VS_IKAROS_KO_LYMPHOID_MULTIPOTENT_PROGENITOR_DN
                                                                                                           GSE6259_DEC205_POS_DC_VS_CD8_TCELL_UP, GSE6259_DEC205_POS_DC_VS_CD8_TCELL_UP
                                                                                                           FAN_EMBRYONIC_CTX_BIG_GROUPS_BRAIN_IMMUNE, FAN_EMBRYONIC_CTX_BIG_GROUPS_BRAIN_IMMUNE
                                                                                                           GSE20500_CTRL_VS_RARA_ANTAGONIST_TREATED_CD4_TCELL_UP, GSE20500_CTRL_VS_RARA_ANTAGONIST_TREATED_CD4_TCELL_UP
                                                                                                           HAHTOLA_MYCOSIS_FUNGOIDES_SKIN_UP, HAHTOLA_MYCOSIS_FUNGOIDES_SKIN_UP
                                                                                                           FAN EMBRYONIC CTX BRAIN NAIVE LIKE T CELL, FAN EMBRYONIC CTX BRAIN NAIVE LIKE T CELL
                                                                                                           TRAVAGLINI_LUNG_CD8_NAIVE_T_CELL, TRAVAGLINI_LUNG_CD8_NAIVE_T_CELL
                                                                                                           GSE15624_CTRL_VS_3H_HALOFUGINONE_TREATED_CD4_TCELL_DN, GSE15624_CTRL_VS_3H_HALOFUGINONE_TREATED_CD4_TCELL_DN
                                                                                                           BROWNE_HCMV_INFECTION_14HR_UP, BROWNE_HCMV_INFECTION_14HR_UP
                                                                                                           GSE43863_NAIVE_VS_LY6C_LOW_CXCR5NEG_CD4_EFF_TCELL_D6_LCMV_DN, GSE43863_NAIVE_VS_LY6C_LOW_CXCR5NEG_CD4_EFF_TCELL_D6_LCMV_DN
                                                                                                           GSE6259_BCELL_VS_CD4_TCELL_UP, GSE6259_BCELL_VS_CD4_TCELL_UP
                                                                                                           GSE17721_CTRL_VS_GARDIQUIMOD_1H_BMDC_UP, GSE17721_CTRL_VS_GARDIQUIMOD_1H_BMDC_UP
                                                                                                           GSE21927_SPLEEN_VS_TUMOR_MONOCYTE_BALBC_DN, GSE21927_SPLEEN_VS_TUMOR_MONOCYTE_BALBC_DN
                                                                                                           GSE5589_UNSTIM_VS_45MIN_LPS_STIM_MACROPHAGE_DN, GSE5589_UNSTIM_VS_45MIN_LPS_STIM_MACROPHAGE_DN
                                                                                                           REACTOME_TRANSCRIPTION_OF_THE_HIV_GENOME, REACTOME_TRANSCRIPTION_OF_THE_HIV_GENOME
                                                                                                           GSE3039_ALPHAALPHA_CD8_TCELL_VS_B2_BCELL_UP, GSE3039_ALPHAALPHA_CD8_TCELL_VS_B2_BCELL_UP
                                                                                                           GSE23114_PERITONEAL_CAVITY_B1A_BCELL_VS_SPLEEN_BCELL_IN_SLE2C1_MOUSE_UP, GSE23114_PERITONEAL_CAVITY_B1A_BCELL_VS_SPLEEN_BCELL_IN_SLE2C1_MOUSE_UP
                                                                                                           GOCC_RNA_POLYMERASE_II_HOLOENZYME, GOCC_RNA_POLYMERASE_II_HOLOENZYME
                                                                                                           ACOSTA_PROLIFERATION_INDEPENDENT_MYC_TARGETS_UP, ACOSTA_PROLIFERATION_INDEPENDENT_MYC_TARGETS_UP
                                                                                                           REACTOME_FORMATION_OF_RNA_POL_II_ELONGATION_COMPLEX, REACTOME_FORMATION_OF_RNA_POL_II_ELONGATION_COMPLEX
                                                                                                           GOMF_CHAPERONE_BINDING, GOMF_CHAPERONE_BINDING
                                                                                                           GSE27291_0H_VS_6H_STIM_GAMMADELTA_TCELL_UP, GSE27291_0H_VS_6H_STIM_GAMMADELTA_TCELL_UP
                                                                                                           DURANTE_ADULT_OLFACTORY_NEUROEPITHELIUM_NK_CELLS, DURANTE_ADULT_OLFACTORY_NEUROEPITHELIUM_NK_CELLS
                                                                                                           PID_P53_REGULATION_PATHWAY, PID_P53_REGULATION_PATHWAY
                                                                                                           DESCARTES_FETAL_STOMACH_LYMPHOID_CELLS, DESCARTES_FETAL_STOMACH_LYMPHOID_CELLS
                                                                                                           REACTOME_TP53_REGULATES_TRANSCRIPTION_OF_DNA_REPAIR_GENES, REACTOME_TP53_REGULATES_TRANSCRIPTION_OF_DNA_REPAIR_GENES
                                                                                                           GSE34006_WT_VS_A2AR_KO_TREG_UP, GSE34006_WT_VS_A2AR_KO_TREG_UP
                                                                                                           GSE17721_LPS_VS_CPG_2H_BMDC_DN, GSE17721_LPS_VS_CPG_2H_BMDC_DN
                                                                                                           FAN_EMBRYONIC_CTX_BRAIN_B_CELL, FAN_EMBRYONIC_CTX_BRAIN_B_CELL
                                                                                                           GOBP_REGULATION_OF_RESPONSE_TO_CYTOKINE_STIMULUS, GOBP_REGULATION_OF_RESPONSE_TO_CYTOKINE_STIMULUS
                                                                                                           MODULE 356, MODULE 356
                                                                                                           MODULE_195, MODULE_195
                                                                                                           GOCC_TRANSCRIPTION_ELONGATION_FACTOR_COMPLEX, GOCC_TRANSCRIPTION_ELONGATION_FACTOR_COMPLEX
                                                                                                           GSE15659_NAIVE_CD4_TCELL_VS_NONSUPPRESSIVE_TCELL_UP, GSE15659_NAIVE_CD4_TCELL_VS_NONSUPPRESSIVE_TCELL_UP
                                                                                                           MODULE_576, MODULE_576
                                                                                                           MODULE 147, MODULE 147
                                                                                                           GSE21546_WT_VS_ELK1_KO_DP_THYMOCYTES_DN, GSE21546_WT_VS_ELK1_KO_DP_THYMOCYTES_DN
                                                                                                           MIR7110_5P, MIR7110_5P
                                                                                                           PID CD8 TCR PATHWAY, PID CD8 TCR PATHWAY
                                                                                                           GNF2_HLA_C, GNF2_HLA_C
                                                                                                           MCM2_TARGET_GENES, MCM2_TARGET_GENES
                                                                                                           GSE7548 NAIVE VS DAY28 PCC IMMUNIZATION CD4 TCELL DN, GSE7548 NAIVE VS DAY28 PCC IMMUNIZATION CD4 TCELL DN
                                                                                                          GOBP_NEGATIVE_REGULATION_OF_NEURON_DEATH, GOBP_NEGATIVE_REGULATION_OF_NEURON_DEATH
                                                                                                           CRGAARNNNNCGA_UNKNOWN, CRGAARNNNNCGA_UNKNOWN
                                                                                                           HP_VERTEBRAL_SEGMENTATION_DEFECT, HP_VERTEBRAL_SEGMENTATION_DEFECT
                                                                                                           MIR6842_5P, MIR6842_5P
                                                                                                           GNF2_PTPN6, GNF2_PTPN6
                                                                                                           GOMF_GENERAL_TRANSCRIPTION_INITIATION_FACTOR_ACTIVITY, GOMF_GENERAL_TRANSCRIPTION_INITIATION_FACTOR_ACTIVITY
                                                                                                           GNF2_ITGAL, GNF2_ITGAL
                                                                                                           MODULE_350, MODULE_350
                                                                                                           GSE41176_WT_VS_TAK1_KO_ANTI_IGM_STIM_BCELL_1H_UP, GSE41176_WT_VS_TAK1_KO_ANTI_IGM_STIM_BCELL_1H_UP
                                                                                                           GNF2 CBFB, GNF2 CBFB
                                                                                                           REACTOME_RNA_POLYMERASE_I_TRANSCRIPTION_INITIATION, REACTOME_RNA_POLYMERASE_I_TRANSCRIPTION_INITIATION
                                                                                                           JAZAERI_BREAST_CANCER_BRCA1_VS_BRCA2_UP, JAZAERI_BREAST_CANCER_BRCA1_VS_BRCA2_UP
                                                                                                           HP_OVERLAPPING_TOE, HP_OVERLAPPING_TOE
                                                                                                           GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_0.8H_DN, GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_0.8H_DN
                                                                                                           GOMF_DISULFIDE_OXIDOREDUCTASE_ACTIVITY, GOMF_DISULFIDE_OXIDOREDUCTASE_ACTIVITY
                                                                                                           GOBP_NEGATIVE_REGULATION_OF_MYELOID_CELL_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_MYELOID_CELL_DIFFERENTIATION
                                                                                                           GOBP_POSITIVE_REGULATION_OF_VIRAL_TRANSCRIPTION, GOBP_POSITIVE_REGULATION_OF_VIRAL_TRANSCRIPTION
                                                                                                           GSE29949_MICROGLIA_BRAIN_VS_MONOCYTE_BONE_MARROW_UP, GSE29949_MICROGLIA_BRAIN_VS_MONOCYTE_BONE_MARROW_UP
                                                                                                           NIKOLSKY_BREAST_CANCER_11Q12_Q14_AMPLICON, NIKOLSKY_BREAST_CANCER_11Q12_Q14_AMPLICON
                                                                                                           BANDRES_RESPONSE_TO_CARMUSTIN_MGMT_48HR_DN, BANDRES_RESPONSE_TO_CARMUSTIN_MGMT_48HR_DN
                                                                                                           GOBP_TRANSCRIPTION_ELONGATION_FROM_RNA_POLYMERASE_I_PROMOTER, GOBP_TRANSCRIPTION_ELONGATION_FROM_RNA_POLYMERASE_I_PROMOTER
                                                                                                           WP_THE_EFFECT_OF_PROGERIN_ON_THE_INVOLVED_GENES_IN_HUTCHINSONGILFORD_PROGERIA_SYNDROME, WP_THE_EFFECT_OF_PROGERIN_ON_THE_INVOLVED_GENES_IN_HUTCHINSONGILFORD_PROGERIA_SYNDROME
                                                                                                           GCM_VAV1, GCM_VAV1
                                                                                                           DESCARTES_MAIN_FETAL_LYMPHOID_CELLS, DESCARTES_MAIN_FETAL_LYMPHOID_CELLS
                                                                                                           GOBP_TERMINATION_OF_RNA_POLYMERASE_I_TRANSCRIPTION, GOBP_TERMINATION_OF_RNA_POLYMERASE_I_TRANSCRIPTION
                                                                                                           GOBP_POSITIVE_REGULATION_OF_ACTIN_FILAMENT_POLYMERIZATION, GOBP_POSITIVE_REGULATION_OF_ACTIN_FILAMENT_POLYMERIZATION
                                                                                                           RAPA_EARLY_UP.V1_DN, RAPA_EARLY_UP.V1_DN
                                                                                                           AGCTCCT_MIR28, AGCTCCT_MIR28
                                                                                                           REACTOME_COSTIMULATION_BY_THE_CD28_FAMILY, REACTOME_COSTIMULATION_BY_THE_CD28_FAMILY
                                                                                                           GSE21927_EL4_VS_MCA203_TUMOR_MONOCYTES_UP, GSE21927_EL4_VS_MCA203_TUMOR_MONOCYTES_UP
                                                                                                           GOBP_BLASTOCYST_DEVELOPMENT, GOBP_BLASTOCYST_DEVELOPMENT
                                                                                                           REACTOME_RNA_POLYMERASE_I_TRANSCRIPTION_TERMINATION, REACTOME_RNA_POLYMERASE_I_TRANSCRIPTION_TERMINATION
                                                                                                           STEARMAN_LUNG_CANCER_EARLY_VS_LATE_DN, STEARMAN_LUNG_CANCER_EARLY_VS_LATE_DN
                                                                                                           PID_ERBB1_RECEPTOR_PROXIMAL_PATHWAY, PID_ERBB1_RECEPTOR_PROXIMAL_PATHWAY
                                                                                                           MALONEY RESPONSE TO 17AAG UP, MALONEY RESPONSE TO 17AAG UP
                                                                                                           ROVERSI_GLIOMA_COPY_NUMBER_UP, ROVERSI_GLIOMA_COPY_NUMBER_UP
                                                                                                           GOBP_ENDOCYTIC_RECYCLING, GOBP_ENDOCYTIC_RECYCLING
                                                                                                           GOBP_T_CELL_DIFFERENTIATION_IN_THYMUS, GOBP_T_CELL_DIFFERENTIATION_IN_THYMUS
                                                                                                           GNF2 CD7, GNF2 CD7
                                                                                                           WP_G13_SIGNALING_PATHWAY, WP_G13_SIGNALING_PATHWAY
                                                                                                           GOBP_REGULATION_OF_TYPE_I_INTERFERON_MEDIATED_SIGNALING_PATHWAY, GOBP_REGULATION_OF_TYPE_I_INTERFERON_MEDIATED_SIGNALING_PATHWAY
                                                                                                           MIR4446 3P, MIR4446 3P
                                                                                                           GOCC_TRANSCRIPTION_REPRESSOR_COMPLEX, GOCC_TRANSCRIPTION_REPRESSOR_COMPLEX
                                                                                                           SRF_01, SRF_01
                                                                                                           LOPEZ_TRANSLATION_VIA_FN1_SIGNALING, LOPEZ_TRANSLATION_VIA_FN1_SIGNALING
                                                                                                           HU_GENOTOXIN_ACTION_DIRECT_VS_INDIRECT_4HR, HU_GENOTOXIN_ACTION_DIRECT_VS_INDIRECT_4HR
                                                                                                           GOBP REGULATION OF T CELL RECEPTOR SIGNALING PATHWAY, GOBP REGULATION OF T CELL RECEPTOR SIGNALING PATHWAY
                                                                                                           GOMF_ALCOHOL_BINDING, GOMF_ALCOHOL_BINDING
                                                                                                           MODULE_419, MODULE_419
                                                                                                           GOBP REGULATION OF AUTOPHAGY OF MITOCHONDRION, GOBP REGULATION OF AUTOPHAGY OF MITOCHONDRION
                                                                                                           GOCC_POST_MRNA_RELEASE_SPLICEOSOMAL_COMPLEX, GOCC_POST_MRNA_RELEASE_SPLICEOSOMAL_COMPLEX
                                                                                                           GOBP_POSITIVE_REGULATION_OF_LIPID_KINASE_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_LIPID_KINASE_ACTIVITY
                                                                                                           GACAGGG MIR339, GACAGGG MIR339
                                                                                                           HP_FACIAL_EDEMA, HP_FACIAL_EDEMA
                                                                                                           GAO_STOMACH_24W_C1_PROCRPOS_MULTIPOTENT_PROGENITOR, GAO_STOMACH_24W_C1_PROCRPOS_MULTIPOTENT_PROGENITOR
                                                                                                           REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_ACETYLATION, REACTOME_REGULATION_OF_TP53_ACTIVITY_THROUGH_ACETYLATION
                                                                                                           GOBP_ALPHA_BETA_T_CELL_PROLIFERATION, GOBP_ALPHA_BETA_T_CELL_PROLIFERATION
                                                                                                           GOMF_STEROL_BINDING, GOMF_STEROL_BINDING
                                                                                                           SOBOLEV_T_CELL_PANDEMRIX_AGE_18_64YO_7DY_DN, SOBOLEV_T_CELL_PANDEMRIX_AGE_18_64YO_7DY_DN
                                                                                                           WP_NOVEL_INTRACELLULAR_COMPONENTS_OF_RIGILIKE_RECEPTOR_RLR_PATHWAY, WP_NOVEL_INTRACELLULAR_COMPONENTS_OF_RIGILIKE_RECEPTOR_RLR_PATHWAY
                                                                                                           GOMF_CHOLESTEROL_BINDING, GOMF_CHOLESTEROL_BINDING
                                                                                                           GOBP_REGULATION_OF_ANTIGEN_RECEPTOR_MEDIATED_SIGNALING_PATHWAY, GOBP_REGULATION_OF_ANTIGEN_RECEPTOR_MEDIATED_SIGNALING_PATHWAY
                                                                                                           GOCC_PODOSOME, GOCC_PODOSOME
                                                                                                           SOBOLEV_T_CELL_PANDEMRIX_AGE_18_64YO_1DY_UP, SOBOLEV_T_CELL_PANDEMRIX_AGE_18_64YO_1DY_UP
                                                                                                           GOMF_STEROID_BINDING, GOMF_STEROID_BINDING
                                                                                                           YANG_BREAST_CANCER_ESR1_LASER_UP, YANG_BREAST_CANCER_ESR1_LASER_UP
                                                                                                           GOMF_PHOSPHATIDYLINOSITOL_3_KINASE_BINDING, GOMF_PHOSPHATIDYLINOSITOL_3_KINASE_BINDING
                                                                                                           HOFMANN_MYELODYSPLASTIC_SYNDROM_LOW_RISK_DN, HOFMANN_MYELODYSPLASTIC_SYNDROM_LOW_RISK_DN
                                                                                                           HP_OSTEOARTHRITIS, HP_OSTEOARTHRITIS
                                                                                                           GOBP_REGULATION_OF_LIPID_KINASE_ACTIVITY, GOBP_REGULATION_OF_LIPID_KINASE_ACTIVITY
                                                                                                           GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_4_PRODUCTION, GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_4_PRODUCTION
                                                                                                           GOCC_PRP19_COMPLEX, GOCC_PRP19_COMPLEX
                                                                                                           KEGG_RIG_I_LIKE_RECEPTOR_SIGNALING_PATHWAY, KEGG_RIG_I_LIKE_RECEPTOR_SIGNALING_PATHWAY
                                                                                                           WEIGEL_OXIDATIVE_STRESS_BY_TBH_AND_H2O2, WEIGEL_OXIDATIVE_STRESS_BY_TBH_AND_H2O2
                                                                                                           TERAO_AOX4_TARGETS_HG_UP, TERAO_AOX4_TARGETS_HG_UP
                                                                                                           GOBP_ACTIN_FILAMENT_SEVERING, GOBP_ACTIN_FILAMENT_SEVERING
                                                                                                           REACTOME_ION_TRANSPORT_BY_P_TYPE_ATPASES, REACTOME_ION_TRANSPORT_BY_P_TYPE_ATPASES
                                                                                                           MEDINA_SMARCA4_TARGETS, MEDINA_SMARCA4_TARGETS
                                                                                                           MIR342 5P, MIR342 5P
                                                                                                           HP_SLEEP_APNEA, HP_SLEEP_APNEA
                                                                                                           GOBP_INTERLEUKIN_4_PRODUCTION, GOBP_INTERLEUKIN_4_PRODUCTION
                                                                                                           CHARAFE_BREAST_CANCER_BASAL_VS_MESENCHYMAL_UP, CHARAFE_BREAST_CANCER_BASAL_VS_MESENCHYMAL_UP
                                                                                                           GOMF_PEPTIDE_DISULFIDE_OXIDOREDUCTASE_ACTIVITY, GOMF_PEPTIDE_DISULFIDE_OXIDOREDUCTASE_ACTIVITY
                                                                                                           HP_THORACIC_SCOLIOSIS, HP_THORACIC_SCOLIOSIS
                                                                                                           OUYANG_PROSTATE_CANCER_PROGRESSION_UP, OUYANG_PROSTATE_CANCER_PROGRESSION_UP
                                                                                                           HP_STRIAE_DISTENSAE, HP_STRIAE_DISTENSAE
                                                                                                           GOBP_MODULATION_BY_HOST_OF_VIRAL_PROCESS, GOBP_MODULATION_BY_HOST_OF_VIRAL_PROCESS
                                                                                                           HP_APLASIA_HYPOPLASIA_OF_THE_FEMUR, HP_APLASIA_HYPOPLASIA_OF_THE_FEMUR
                                                                                                           GOBP_CELLULAR_RESPONSE_TO_GAMMA_RADIATION, GOBP_CELLULAR_RESPONSE_TO_GAMMA_RADIATION
                                                                                                           HP_PALPEBRAL_EDEMA, HP_PALPEBRAL_EDEMA
                                                                                                           CUI_DEVELOPING_HEART_RIGHT_ATRIAL_CARDIOMYOCYTE, CUI_DEVELOPING_HEART_RIGHT_ATRIAL_CARDIOMYOCYTE
                                                                                                           GOCC_TETRASPANIN_ENRICHED_MICRODOMAIN, GOCC_TETRASPANIN_ENRICHED_MICRODOMAIN
                                                                                                           GOBP_NEGATIVE_REGULATION_OF_HISTONE_ACETYLATION, GOBP_NEGATIVE_REGULATION_OF_HISTONE_ACETYLATION
                                                                                                           HP_ACANTHOSIS_NIGRICANS, HP_ACANTHOSIS_NIGRICANS
                                                                                                           HP_LACK_OF_SKIN_ELASTICITY, HP_LACK_OF_SKIN_ELASTICITY
                                                                                                           GOMF_TRANSCRIPTION_COACTIVATOR_BINDING, GOMF_TRANSCRIPTION_COACTIVATOR_BINDING
                                                                                                           REACTOME_CONSTITUTIVE_SIGNALING_BY_EGFRVIII, REACTOME_CONSTITUTIVE_SIGNALING_BY_EGFRVIII
                                                                                                           REACTOME_SIGNALING_BY_NTRK3_TRKC, REACTOME_SIGNALING_BY_NTRK3_TRKC
                                                                                                           GOBP_POSITIVE_REGULATION_OF_ALPHA_BETA_T_CELL_PROLIFERATION, GOBP_POSITIVE_REGULATION_OF_ALPHA_BETA_T_CELL_PROLIFERATION
                                                                                                           GOBP_MYELOID_CELL_APOPTOTIC_PROCESS, GOBP_MYELOID_CELL_APOPTOTIC_PROCESS
                                                                                                           GOBP_LYMPHOCYTE_COSTIMULATION, GOBP_LYMPHOCYTE_COSTIMULATION
                                                                                                           HP_CHRONIC_MUCOCUTANEOUS_CANDIDIASIS, HP_CHRONIC_MUCOCUTANEOUS_CANDIDIASIS
                                                                                                           GOBP_POSITIVE_REGULATION_OF_NEURON_APOPTOTIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_NEURON_APOPTOTIC_PROCESS
                                                                                                            REACTOME_INTERLEUKIN_37_SIGNALING, REACTOME_INTERLEUKIN_37_SIGNALING
                                                                                                           GOBP_AMYLOID_FIBRIL_FORMATION, GOBP_AMYLOID_FIBRIL_FORMATION
                                                                                                           GOBP_RESPONSE_TO_OXYGEN_RADICAL, GOBP_RESPONSE_TO_OXYGEN_RADICAL
                                                                                                            MODULE 524, MODULE 524
                                                                                                           GOBP_NEGATIVE_REGULATION_OF_T_CELL_RECEPTOR_SIGNALING_PATHWAY, GOBP_NEGATIVE_REGULATION_OF_T_CELL_RECEPTOR_SIGNALING_PATHWAY
                                                                                                           GOBP_INFLAMMATORY_CELL_APOPTOTIC_PROCESS, GOBP_INFLAMMATORY_CELL_APOPTOTIC_PROCESS
                                                                                                           GOBP_PHOTOPERIODISM, GOBP_PHOTOPERIODISM
                                                                                                           GOCC_NURD_COMPLEX, GOCC_NURD_COMPLEX
S TYPE 2 DIABETES PBMC AT DX UP, GSE9006 TYPE 1 VS TYPE 2 DIABETES PBMC AT DX UP
                                                                                                           MUELLER_COMMON_TARGETS_OF_AML_FUSIONS_UP, MUELLER_COMMON_TARGETS_OF_AML_FUSIONS_UP
                                                                                                           GNF2_IL2RB, GNF2_IL2RB
                                                                                                           GOBP_REGULATION_OF_ANOIKIS, GOBP_REGULATION_OF_ANOIKIS
                                                                                                           GOBP_NEGATIVE_REGULATION_OF_ANTIGEN_RECEPTOR_MEDIATED_SIGNALING_PATHWAY, GOBP_NEGATIVE_REGULATION_OF_ANTIGEN_RECEPTOR_MEDIATED_SIGNALING_PATHWAY
                                                                                                            HP_RECURRENT_CANDIDA_INFECTIONS, HP_RECURRENT_CANDIDA_INFECTIONS
                                                                                                           HP_VELOPHARYNGEAL_INSUFFICIENCY, HP_VELOPHARYNGEAL_INSUFFICIENCY
                                                                                                           HP_SUPERNUMERARY_NIPPLE, HP_SUPERNUMERARY_NIPPLE
                                                                                                            GOBP_MITOTIC_CELL_CYCLE_ARREST, GOBP_MITOTIC_CELL_CYCLE_ARREST
                                                                                                           HP_ABNORMALITY_OF_THE_PLANTAR_SKIN_OF_FOOT, HP_ABNORMALITY_OF_THE_PLANTAR_SKIN_OF_FOOT
                                                                                                            REACTOME_SIGNALING_BY_ERBB2_ECD_MUTANTS, REACTOME_SIGNALING_BY_ERBB2_ECD_MUTANTS
                                                                                                            GOBP_IMMUNOLOGICAL_MEMORY_PROCESS, GOBP_IMMUNOLOGICAL_MEMORY_PROCESS
                                                                                                           HP_MUSCLE_FIBER_ATROPHY, HP_MUSCLE_FIBER_ATROPHY
                                                                                                            BIOCARTA_IL3_PATHWAY, BIOCARTA_IL3_PATHWAY
                                                                                                           REACTOME_FORMATION_OF_SENESCENCE_ASSOCIATED_HETEROCHROMATIN_FOCI_SAHF, REACTOME_FORMATION_OF_SENESCENCE_ASSOCIATED_HETEROCHROMATIN_FOCI_SAHF
                                                                                                            SCHLINGEMANN_SKIN_CARCINOGENESIS_TPA_DN, SCHLINGEMANN_SKIN_CARCINOGENESIS_TPA_DN
                                                                                                            HP_ABNORMAL_RIGHT_VENTRICLE_MORPHOLOGY, HP_ABNORMAL_RIGHT_VENTRICLE_MORPHOLOGY
                                                                                                            GOMF_STEROL_TRANSFER_ACTIVITY, GOMF_STEROL_TRANSFER_ACTIVITY
                                                                                                           GNF2_MATK, GNF2_MATK
                                                                                                            HP_ABNORMAL_URINE_CARBOHYDRATE_LEVEL, HP_ABNORMAL_URINE_CARBOHYDRATE_LEVEL
                                                                                                            BIOCARTA_PML_PATHWAY, BIOCARTA_PML_PATHWAY
                                                                                                           HP_SHORT_THORAX, HP_SHORT_THORAX
                                                                                                           GOCC_MHC_CLASS_I_PEPTIDE_LOADING_COMPLEX, GOCC_MHC_CLASS_I_PEPTIDE_LOADING_COMPLEX
                                                                                                           GOBP_MRNA_TRANSCRIPTION, GOBP_MRNA_TRANSCRIPTION
                                                                                                           GOBP_NEGATIVE_REGULATION_OF_OXIDATIVE_STRESS_INDUCED_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY, GOBP_NEGATIVE_REGULATION_OF_OXIDATIVE_STRESS_INDUCED_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY
                                                                                                           GHO_ATF5_TARGETS_DN, GHO_ATF5_TARGETS_DN
                                                                                                           GOBP_NEGATIVE_REGULATION_OF_RESPONSE_TO_CYTOKINE_STIMULUS, GOBP_NEGATIVE_REGULATION_OF_RESPONSE_TO_CYTOKINE_STIMULUS
                                                                                                           BUCASAS_PBMC_FLUARIX_FLUVIRIN_CAUCASIAN_MALE_AGE_18_40YO_HIGH_RESPONDERS_1DY_TOP_FUNCTIONAL_NETWORK_POSITIVE,
                                                                                                           MIR6729 5P, MIR6729 5P
                                                                                                           KYNG_ENVIRONMENTAL_STRESS_RESPONSE_NOT_BY_4NQO_IN_OLD, KYNG_ENVIRONMENTAL_STRESS_RESPONSE_NOT_BY_4NQO_IN_OLD
                                                                                                           REACTOME_SIGNALING_BY_ERBB2_IN_CANCER, REACTOME_SIGNALING_BY_ERBB2_IN_CANCER
                                                                                                           BIOCARTA RHO PATHWAY, BIOCARTA RHO PATHWAY
                                                                                                           MIR609, MIR609
                                                                                                           GOBP_ACTIN_FILAMENT_REORGANIZATION, GOBP_ACTIN_FILAMENT_REORGANIZATION
                                                                                                           MARTIN NFKB TARGETS DN, MARTIN NFKB TARGETS DN
                                                                                                           MIR10396A_5P, MIR10396A_5P
                                                                                                           HP_RIDGED_FINGERNAIL, HP_RIDGED_FINGERNAIL
                                                                                                           HP_BULBAR_PALSY, HP_BULBAR_PALSY
                                                                                                           REACTOME_ZBP1_DAI_MEDIATED_INDUCTION_OF_TYPE_I_IFNS, REACTOME_ZBP1_DAI_MEDIATED_INDUCTION_OF_TYPE_I_IFNS
                                                                                                           GOBP_POSITIVE_REGULATION_OF_TYPE_I_INTERFERON_MEDIATED_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_TYPE_I_INTERFERON_MEDIATED_SIGNALING_PATHWAY
                                                                                                           GOMF_MHC_CLASS_II_PROTEIN_BINDING, GOMF_MHC_CLASS_II_PROTEIN_BINDING
                                                                                                           HP_INCREASED_LEVEL_OF_L_FUCOSE_IN_URINE, HP_INCREASED_LEVEL_OF_L_FUCOSE_IN_URINE
                                                                                                           GOBP B CELL LINEAGE COMMITMENT, GOBP B CELL LINEAGE COMMITMENT
                                                                                                           GOBP REGULATION OF PLASMA MEMBRANE ORGANIZATION, GOBP REGULATION OF PLASMA MEMBRANE ORGANIZATION
                                                                                                           GOBP_THYMIC_T_CELL_SELECTION, GOBP_THYMIC_T_CELL_SELECTION
                                                                                                           GOBP_FIBROBLAST_APOPTOTIC_PROCESS, GOBP_FIBROBLAST_APOPTOTIC_PROCESS
                                                                                                           GOMF_DIACYLGLYCEROL_KINASE_ACTIVITY, GOMF_DIACYLGLYCEROL_KINASE_ACTIVITY
                                                                                                           REACTOME_CONSTITUTIVE_SIGNALING_BY_OVEREXPRESSED_ERBB2, REACTOME_CONSTITUTIVE_SIGNALING_BY_OVEREXPRESSED_ERBB2
                                                                                                           MARKS HDAC TARGETS UP, MARKS HDAC TARGETS UP
                                                                                                           GOBP_REGULATION_OF_PROTEIN_CATABOLIC_PROCESS_IN_THE_VACUOLE, GOBP_REGULATION_OF_PROTEIN_CATABOLIC_PROCESS_IN_THE_VACUOLE
                                                                                                           HP_METOPIC_SYNOSTOSIS, HP_METOPIC_SYNOSTOSIS
                                                                                                           GOMF CALCIUM TRANSMEMBRANE TRANSPORTER ACTIVITY PHOSPHORYLATIVE MECHANISM, GOMF CALCIUM TRANSMEMBRANE TRANSPORTER ACTIVITY PHOSPHORYLATIVE MECHANISM
                                                                                                           GOBP_MANGANESE_ION_TRANSMEMBRANE_TRANSPORT, GOBP_MANGANESE_ION_TRANSMEMBRANE_TRANSPORT
                                                                                                           GOMF_MANGANESE_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_MANGANESE_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                           GOBP_NEGATIVE_REGULATION_OF_HUMORAL_IMMUNE_RESPONSE_MEDIATED_BY_CIRCULATING_IMMUNOGLOBULIN, GOBP_NEGATIVE_REGULATION_OF_HUMORAL_IMMUNE_RESPONSE_MEDIATED_BY_CIRCULATING_IMMUNOGLOBULIN
                                                                                                           WP_MIR124_PREDICTED_INTERACTIONS_WITH_CELL_CYCLE_AND_DIFFERENTIATION, WP_MIR124_PREDICTED_INTERACTIONS_WITH_CELL_CYCLE_AND_DIFFERENTIATION
                                                                                                           BLANCO MELO MERS COV INFECTION MCR5 CELLS DN, BLANCO MELO MERS COV INFECTION MCR5 CELLS DN
                                                                                                           REACTOME PD 1 SIGNALING, REACTOME PD 1 SIGNALING
                                                                                                           HP CONGENITAL MALFORMATION OF THE LEFT HEART, HP CONGENITAL MALFORMATION OF THE LEFT HEART
                                                                                                           REACTOME_EFFECTS_OF_PIP2_HYDROLYSIS, REACTOME_EFFECTS_OF_PIP2_HYDROLYSIS
                                                                                                           REACTOME_ZINC_INFLUX_INTO_CELLS_BY_THE_SLC39_GENE_FAMILY, REACTOME_ZINC_INFLUX_INTO_CELLS_BY_THE_SLC39_GENE_FAMILY
                                                                                                           GOMF_DIACYLGLYCEROL_BINDING, GOMF_DIACYLGLYCEROL_BINDING
                                                                                                           GOBP_RELAXATION_OF_CARDIAC_MUSCLE, GOBP_RELAXATION_OF_CARDIAC_MUSCLE
                                                                                                           GOBP_POSITIVE_REGULATION_OF_HISTONE_DEACETYLATION, GOBP_POSITIVE_REGULATION_OF_HISTONE_DEACETYLATION
                                                                                                           HP_DEEP_PLANTAR_CREASES, HP_DEEP_PLANTAR_CREASES
                                                                                                           BUSSLINGER_GASTRIC_TUFT_CELLS, BUSSLINGER_GASTRIC_TUFT_CELLS
                                                                                                           GOBP_LYMPHOCYTE_ANERGY, GOBP_LYMPHOCYTE_ANERGY
                                                                                                           HP HYPOKALEMIA, HP HYPOKALEMIA
                                                                                                           GOBP_POSITIVE_REGULATION_OF_PROTEIN_CATABOLIC_PROCESS_IN_THE_VACUOLE, GOBP_POSITIVE_REGULATION_OF_PROTEIN_CATABOLIC_PROCESS_IN_THE_VACUOLE
                                                                                                           GOBP_POSITIVE_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_PROLIFERATION, GOBP_POSITIVE_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_PROLIFERATION
                                                                                                           GOBP_ZINC_ION_IMPORT_ACROSS_PLASMA_MEMBRANE, GOBP_ZINC_ION_IMPORT_ACROSS_PLASMA_MEMBRANE
                                                                                                           CHIN_BREAST_CANCER_COPY_NUMBER_DN, CHIN_BREAST_CANCER_COPY_NUMBER_DN
                                                                                                           HP_ABNORMAL_BLOOD_POTASSIUM_CONCENTRATION, HP_ABNORMAL_BLOOD_POTASSIUM_CONCENTRATION
                                                                                                           GOMF_CHONDROITIN_SULFATE_BINDING, GOMF_CHONDROITIN_SULFATE_BINDING
                                                                                                           GOBP_NEGATIVE_REGULATION_OF_HORMONE_METABOLIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_HORMONE_METABOLIC_PROCESS
                                                                                                           BUSSLINGER_DUODENAL_BCHE_CELLS, BUSSLINGER_DUODENAL_BCHE_CELLS
                                                                                                           ZHAN_VARIABLE_EARLY_DIFFERENTIATION_GENES_UP, ZHAN_VARIABLE_EARLY_DIFFERENTIATION_GENES_UP
                                                                                                           HP_RENAL_POTASSIUM_WASTING, HP_RENAL_POTASSIUM_WASTING
                                                                                                           GOBP\_REGULATION\_OF\_T\_CELL\_ACTIVATION\_VIA\_T\_CELL\_RECEPTOR\_CONTACT\_WITH\_ANTIGEN\_BOUND\_TO\_MHC\_MOLECULE\_ON\_ANTIGEN\_PRESENTING\_CELL, GOBP\_REGULATION\_OF\_T\_CELL\_ACTIVATION\_VIA\_T\_CELL\_RECEPTOR\_CONTACT\_WITH\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_PRESENTING\_CELL, GOBP\_REGULATION\_OF\_T\_CELL\_ACTIVATION\_VIA\_T\_CELL\_RECEPTOR\_CONTACT\_WITH\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_PRESENTING\_CELL, GOBP\_REGULATION\_VIA\_T\_CELL\_RECEPTOR\_CONTACT\_WITH\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_PRESENTING\_CELL, GOBP\_REGULATION\_VIA\_T\_CELL\_RECEPTOR\_CONTACT\_WITH\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_PRESENTING\_CELL, GOBP\_REGULATION\_VIA\_T\_CELL\_RECEPTOR\_CONTACT\_WITH\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_PRESENTING\_CELL, GOBP\_REGULATION\_VIA\_T\_CELL\_RECEPTOR\_CONTACT\_WITH\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_PRESENTING\_CELL, GOBP\_REGULATION\_VIA\_T\_CELL\_RECEPTOR\_CONTACT\_WITH\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_PRESENTING\_CELL, GOBP\_REGULATION\_VIA\_T\_CELL\_RECEPTOR\_CONTACT\_WITH\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_PRESENTING\_CELL, GOBP\_REGULATION\_CELL\_RECEPTOR\_CONTACT\_WITH\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_PRESENTING\_CELL\_RECEPTOR\_CONTACT\_WITH\_ANTIGEN\_PRESENTING\_CELL\_RECEPTOR\_CONTACT\_WITH\_ANTIGEN\_PRESENTING\_CELL\_RECEPTOR\_CONTACT\_WITH\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_PRESENTING\_CELL\_RECEPTOR\_CONTACT\_WITH\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_ANTIGEN\_BOUND\_TO\_MHC\_MOLICULE\_ON\_BOUND\_TO\_MHC\_MOLICULE\_ON\_BOUND\_TO\_MHC\_MOLICULE\_ON\_BOUND\_TO\_MHC\_MOLICULE\_ON\_BOUND\_TO\_MHC\_MOLICULE\_ON\_BOUND\_TO\_MHC\_MOLICULE\_ON\_BOUND\_TO\_MHC\_MOLICULE\_ON\_BOUND\_TO\_MHC\_MOLICULE\_DUDD_TO\_MHC\_MOLICULE\_DUDD_TO\_MHC\_MOLICULE\_DUDD_TO\_MHC\_MOLICULE\_DUDD_TO\_MHC\_MOLICULE\_DUDD_TO\_MHC\_MOLICULE\_DUDD_TO\_MHC\_DUDD_TO\_MHC\_DUDD_TO\_MHC\_DUDD_TO\_MED_TO\_MED_TO\_MED_TO\_MED_TO_MOLICULE\_DUDD
                                                                                                           GOCC_RNA_POLYMERASE_II_TRANSCRIPTION_REPRESSOR_COMPLEX, GOCC_RNA_POLYMERASE_II_TRANSCRIPTION_REPRESSOR_COMPLEX
                                                                                                           MATZUK_FERTILIZATION, MATZUK_FERTILIZATION
                                                                                                           GOBP_POSITIVE_REGULATION_OF_EXECUTION_PHASE_OF_APOPTOSIS, GOBP_POSITIVE_REGULATION_OF_EXECUTION_PHASE_OF_APOPTOSIS
                                                                                                           HP_HYPOPLASTIC_HEART, HP_HYPOPLASTIC_HEART
                                                                                                           GOBP_GROWTH_PLATE_CARTILAGE_CHONDROCYTE_DIFFERENTIATION, GOBP_GROWTH_PLATE_CARTILAGE_CHONDROCYTE_DIFFERENTIATION
                                                                                                           REACTOME_PI5P_REGULATES_TP53_ACETYLATION, REACTOME_PI5P_REGULATES_TP53_ACETYLATION
                                                                                                           GOBP_REGULATION_OF_COLLAGEN_FIBRIL_ORGANIZATION, GOBP_REGULATION_OF_COLLAGEN_FIBRIL_ORGANIZATION
                                                                                                           REACTOME_RUNX3_REGULATES_CDKN1A_TRANSCRIPTION, REACTOME_RUNX3_REGULATES_CDKN1A_TRANSCRIPTION
                                                                                                           HP_ARNOLD_CHIARI_TYPE_I_MALFORMATION, HP_ARNOLD_CHIARI_TYPE_I_MALFORMATION
                                                                                                           HP_GENERALIZED_AMYLOID_DEPOSITION, HP_GENERALIZED_AMYLOID_DEPOSITION
                                                                                                           HP_COR_PULMONALE, HP_COR_PULMONALE
                                                                                                           TERAO_AOX4_TARGETS_HG_DN, TERAO_AOX4_TARGETS_HG_DN
                                                                                                           HP_CRANIAL_NERVE_VI_PALSY, HP_CRANIAL_NERVE_VI_PALSY
                                                                                                           HP_BROAD_JAW, HP_BROAD_JAW
                                                                                                           GOBP_NEGATIVE_REGULATION_OF_VESICLE_FUSION, GOBP_NEGATIVE_REGULATION_OF_VESICLE_FUSION
                                                                                                           MEISSNER_ES_ICP_WITH_H3K4ME3_AND_H3K27ME3, MEISSNER_ES_ICP_WITH_H3K4ME3_AND_H3K27ME3
                                                                                                           GOBP_REGULATION_OF_T_HELPER_2_CELL_CYTOKINE_PRODUCTION, GOBP_REGULATION_OF_T_HELPER_2_CELL_CYTOKINE_PRODUCTION
                                                                                                           LEI_HOXC8_TARGETS_UP, LEI_HOXC8_TARGETS_UP
                                                                                                           HP_SUBACUTE_PROGRESSIVE_VIRAL_HEPATITIS, HP_SUBACUTE_PROGRESSIVE_VIRAL_HEPATITIS
                                                                                                           GOCC_ALPHA_BETA_T_CELL_RECEPTOR_COMPLEX, GOCC_ALPHA_BETA_T_CELL_RECEPTOR_COMPLEX
                                                                                                           HP_FAILURE_TO_THRIVE_SECONDARY_TO_RECURRENT_INFECTIONS, HP_FAILURE_TO_THRIVE_SECONDARY_TO_RECURRENT_INFECTIONS
                                                                                                           GOBP_POSITIVE_REGULATION_OF_T_HELPER_2_CELL_CYTOKINE_PRODUCTION, GOBP_POSITIVE_REGULATION_OF_T_HELPER_2_CELL_CYTOKINE_PRODUCTION
                                                                                                           GOBP_POSITIVE_REGULATION_OF_STRIATED_MUSCLE_CONTRACTION, GOBP_POSITIVE_REGULATION_OF_STRIATED_MUSCLE_CONTRACTION
                                                                                                           GOBP_MULTINUCLEAR_OSTEOCLAST_DIFFERENTIATION, GOBP_MULTINUCLEAR_OSTEOCLAST_DIFFERENTIATION
                                                                                                           GOMF_DELTA_CATENIN_BINDING, GOMF_DELTA_CATENIN_BINDING
                                                                                                           MIR4485 5P, MIR4485 5P
                                                                                                           GOBP_SIALYLATION, GOBP_SIALYLATION
                                                                                                           HP_HYPERSOMNIA, HP_HYPERSOMNIA
                                                                                                           GOBP_RHYTHMIC_BEHAVIOR, GOBP_RHYTHMIC_BEHAVIOR
                                                                                                           GOBP_MYOBLAST_FUSION_INVOLVED_IN_SKELETAL_MUSCLE_REGENERATION, GOBP_MYOBLAST_FUSION_INVOLVED_IN_SKELETAL_MUSCLE_REGENERATION
                                                                                                           REACTOME_ALTERNATIVE_COMPLEMENT_ACTIVATION, REACTOME_ALTERNATIVE_COMPLEMENT_ACTIVATION
                                                                                                           HP_DEFICIT_IN_PHONOLOGIC_SHORT_TERM_MEMORY, HP_DEFICIT_IN_PHONOLOGIC_SHORT_TERM_MEMORY
                                                                                                           HP_EVERSION_OF_LATERAL_THIRD_OF_LOWER_EYELIDS, HP_EVERSION_OF_LATERAL_THIRD_OF_LOWER_EYELIDS
                                                                                                           GOBP_NEGATIVE_REGULATION_OF_GLUCOCORTICOID_METABOLIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_GLUCOCORTICOID_METABOLIC_PROCESS
                                                                                                           GOBP_POSITIVE_REGULATION_OF_HISTONE_UBIQUITINATION, GOBP_POSITIVE_REGULATION_OF_HISTONE_UBIQUITINATION
                                                                                                           GOCC_EXTERNAL_SIDE_OF_APICAL_PLASMA_MEMBRANE, GOCC_EXTERNAL_SIDE_OF_APICAL_PLASMA_MEMBRANE
                                                                                                           GOBP_MYOTUBE_DIFFERENTIATION_INVOLVED_IN_SKELETAL_MUSCLE_REGENERATION, GOBP_MYOTUBE_DIFFERENTIATION_INVOLVED_IN_SKELETAL_MUSCLE_REGENERATION
                                                                                                           YAMASHITA_SILENCED_BY_METHYLATION, YAMASHITA_SILENCED_BY_METHYLATION
                                                                                                           HP_LOW_ALKALINE_PHOSPHATASE, HP_LOW_ALKALINE_PHOSPHATASE
                                                                                                           HP_KNEE_DISLOCATION, HP_KNEE_DISLOCATION
                                                                                                           GOBP_REGULATION_OF_GLUCOCORTICOID_BIOSYNTHETIC_PROCESS, GOBP_REGULATION_OF_GLUCOCORTICOID_BIOSYNTHETIC_PROCESS
                                                                                                           WP_CALORIC_RESTRICTION_AND_AGING, WP_CALORIC_RESTRICTION_AND_AGING
                                                                                                           GOBP_POSITIVE_REGULATION_OF_T_CELL_TOLERANCE_INDUCTION, GOBP_POSITIVE_REGULATION_OF_T_CELL_TOLERANCE_INDUCTION
                                                                                                           GOBP_POSITIVE_REGULATION_OF_CHOLESTEROL_BIOSYNTHETIC_PROCESS, GOBP_POSITIVE_REGULATION_OF_CHOLESTEROL_BIOSYNTHETIC_PROCESS
                                                                                                           GOBP_T_HELPER_2_CELL_CYTOKINE_PRODUCTION, GOBP_T_HELPER_2_CELL_CYTOKINE_PRODUCTION
                                                                                                           SCHERER_PBMC_YF_VAX_AGE_18_40YO_ANYD_UP, SCHERER_PBMC_YF_VAX_AGE_18_40YO_ANYD_UP
                                                                                                           MODULE 575, MODULE 575
                                                                                                           GOBP_NEGATIVE_REGULATION_OF_CYCLIC_NUCLEOTIDE_PHOSPHODIESTERASE_ACTIVITY, GOBP_NEGATIVE_REGULATION_OF_CYCLIC_NUCLEOTIDE_PHOSPHODIESTERASE_ACTIVITY
                                                                                                           DING_LUNG_CANCER_MUTATED_RECURRENTLY, DING_LUNG_CANCER_MUTATED_RECURRENTLY
                                                                                                           HP_ANGULAR_CHEILITIS, HP_ANGULAR_CHEILITIS
                                                                                                           GOBP_POSITIVE_REGULATION_OF_PROGRAMMED_NECROTIC_CELL_DEATH, GOBP_POSITIVE_REGULATION_OF_PROGRAMMED_NECROTIC_CELL_DEATH
                                                                                                           GOMF_ALPHA_N_ACETYLGALACTOSAMINIDE_ALPHA_2_6_SIALYLTRANSFERASE_ACTIVITY, GOMF_ALPHA_N_ACETYLGALACTOSAMINIDE_ALPHA_2_6_SIALYLTRANSFERASE_ACTIVITY
                                                                                                           GOMF_PHOSPHORYLATION_DEPENDENT_PROTEIN_BINDING, GOMF_PHOSPHORYLATION_DEPENDENT_PROTEIN_BINDING
                                                                                                           MYLLYKANGAS_AMPLIFICATION_HOT_SPOT_13, MYLLYKANGAS_AMPLIFICATION_HOT_SPOT_13
                                                                                                           HP_BLEPHAROCHALASIS, HP_BLEPHAROCHALASIS
                                                                                                           GOBP_CELLULAR_RESPONSE_TO_UV_C, GOBP_CELLULAR_RESPONSE_TO_UV_C
                                                                                                           GOMF_THYROID_HORMONE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_THYROID_HORMONE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                           HP_ABNORMALITY_OF_EXOCRINE_PANCREAS_PHYSIOLOGY, HP_ABNORMALITY_OF_EXOCRINE_PANCREAS_PHYSIOLOGY
                                                                                                           GOBP_RELAXATION_OF_MUSCLE, GOBP_RELAXATION_OF_MUSCLE
                                                                                                           GOBP_NATURAL_KILLER_CELL_DEGRANULATION, GOBP_NATURAL_KILLER_CELL_DEGRANULATION
                                                                                                           GOBP_PLASMA_MEMBRANE_REPAIR, GOBP_PLASMA_MEMBRANE_REPAIR
                                                                                                           HP_SYNOSTOSIS_OF_METACARPALS_METATARSALS, HP_SYNOSTOSIS_OF_METACARPALS_METATARSALS
                                                                                                           BIOCARTA_RHODOPSIN_PATHWAY, BIOCARTA_RHODOPSIN_PATHWAY
                                                                                                           GOBP_POSITIVE_REGULATION_OF_LOW_DENSITY_LIPOPROTEIN_RECEPTOR_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_LOW_DENSITY_LIPOPROTEIN_RECEPTOR_ACTIVITY
                                                                                                           GOCC_SPERMATOPROTEASOME_COMPLEX, GOCC_SPERMATOPROTEASOME_COMPLEX
                                                                                                           HP_MACRODACTYLY, HP_MACRODACTYLY
                                                                                                           GOBP_NEGATIVE_REGULATION_OF_MITOPHAGY, GOBP_NEGATIVE_REGULATION_OF_MITOPHAGY
                                                                                                           GOCC_ANCHORED_COMPONENT_OF_POSTSYNAPTIC_MEMBRANE, GOCC_ANCHORED_COMPONENT_OF_POSTSYNAPTIC_MEMBRANE
                                                                                                           NOUSHMEHR_GBM_GERMLINE_MUTATED, NOUSHMEHR_GBM_GERMLINE_MUTATED
                                                                                                           ZNF514_TARGET_GENES, ZNF514_TARGET_GENES
                                                                                                           HP_ADRENOCORTICOTROPIC_HORMONE_DEFICIENCY, HP_ADRENOCORTICOTROPIC_HORMONE_DEFICIENCY
                                                                                                           GOMF_P_TYPE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_P_TYPE_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                           GOBP_THYROID_HORMONE_TRANSPORT, GOBP_THYROID_HORMONE_TRANSPORT
                                                                                                           GOBP_REGULATION_OF_STEROID_HORMONE_BIOSYNTHETIC_PROCESS, GOBP_REGULATION_OF_STEROID_HORMONE_BIOSYNTHETIC_PROCESS
                                                                                                           GOCC_MESSENGER_RIBONUCLEOPROTEIN_COMPLEX, GOCC_MESSENGER_RIBONUCLEOPROTEIN_COMPLEX
                                                                                                           ZNF530_TARGET_GENES, ZNF530_TARGET_GENES
                                                                                                           GOBP OSTEOCLAST FUSION, GOBP OSTEOCLAST FUSION
                                                                                                           GOMF_P_TYPE_SODIUM_POTASSIUM_EXCHANGING_ATPASE ACTIVITY, GOMF P TYPE SODIUM POTASSIUM EXCHANGING ATPASE ACTIVITY
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GOBP\_GLUCOCORTICOID\_BIOSYNTHETIC\_PROCESS, GOBP\_GLUCOCORTICOID\_BIOSYNTHETIC\_PROCESS

CAO\_BLOOD\_FLUZONE\_AGE\_05\_14YO\_7DY\_UP, CAO\_BLOOD\_FLUZONE\_AGE\_05\_14YO\_7DY\_UP

WP\_MICRORNA\_NETWORK\_ASSOCIATED\_WITH\_CHRONIC\_LYMPHOCYTIC\_LEUKEMIA, WP\_MICRORNA\_NETWORK\_ASSOCIATED\_WITH\_CHRONIC\_LYMPHOCYTIC\_LEUKEMIA

GOBP\_STRIATED\_MUSCLE\_ATROPHY, GOBP\_STRIATED\_MUSCLE\_ATROPHY

GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_1MONTH\_POST\_DX\_UP, GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_1MONTH\_POST\_DX\_UP

GSE9006\_TYPE\_1\_DIABETES\_AT\_DX\_VS\_1MONTH\_POST\_DX\_PBMC\_UP, GSE9006\_TYPE\_1\_DIABETES\_AT\_DX\_VS\_1MONTH\_POST\_DX\_PBMC\_UP

GSE21670\_UNTREATED\_VS\_TGFB\_IL6\_TREATED\_STAT3\_KO\_CD4\_TCELL\_DN, GSE21670\_UNTREATED\_VS\_TGFB\_IL6\_TREATED\_STAT3\_KO\_CD4\_TCELL\_DN