```
GSE20754 WT VS TCF1 KO MEMORY CD8 TCELL UP, GSE20754 WT VS TCF1 KO MEMORY CD8 TCELL UP
                                                                                                                                             GSE43863_TH1_VS_TFH_EFFECTOR_CD4_TCELL_DN, GSE43863_TH1_VS_TFH_EFFECTOR_CD4_TCELL_DN
                                                                                                                                             GSE41867_NAIVE_VS_DAY15_LCMV_ARMSTRONG_EFFECTOR_CD8_TCELL_DN, GSE41867_NAIVE_VS_DAY15_LCMV_ARMSTRONG_EFFECTOR_CD8_TCELL_DN
                                                                                                                                             GSE46606_IRF4MID_VS_WT_CD40L_IL2_IL5_DAY1_STIMULATED_BCELL_UP, GSE46606_IRF4MID_VS_WT_CD40L_IL2_IL5_DAY1_STIMULATED_BCELL_UP
                                                                                                                                             GSE37532_TREG_VS_TCONV_PPARG_KO_CD4_TCELL_FROM_VISCERAL_ADIPOSE_TISSUE_DN, GSE37532_TREG_VS_TCONV_PPARG_KO_CD4_TCELL_FROM_VISCERAL_ADIPOSE_TISSUE_DN
                                                                                                                                             GSE22886_NAIVE_CD4_TCELL_VS_48H_ACT_TH1_UP, GSE22886_NAIVE_CD4_TCELL_VS_48H_ACT_TH1_UP
                                                                                                                                             GSE21670_UNTREATED_VS_IL6_TREATED_CD4_TCELL_DN, GSE21670_UNTREATED_VS_IL6_TREATED_CD4_TCELL_DN
                                                                                                                                             GSE43863_TH1_VS_TFH_MEMORY_CD4_TCELL_DN, GSE43863_TH1_VS_TFH_MEMORY_CD4_TCELL_DN
                                                                                                                                             GSE17186 NAIVE VS CD21LOW TRANSITIONAL BCELL CORD BLOOD UP, GSE17186 NAIVE VS CD21LOW TRANSITIONAL BCELL CORD BLOOD UP
                                                                                                                                             GSE27896_HDAC6_KO_VS_WT_TREG_UP, GSE27896_HDAC6_KO_VS_WT_TREG_UP
                                                                                                                                             GSE30083 SP3 VS SP4 THYMOCYTE DN, GSE30083 SP3 VS SP4 THYMOCYTE DN
                                                                                                                                             GSE40068 CXCR5POS BCL6POS TFH_VS_CXCR5NEG_BCL6NEG_CD4_TCELL_UP, GSE40068_CXCR5POS_BCL6POS_TFH_VS_CXCR5NEG_BCL6NEG_CD4_TCELL_UP
                                                                                                                                             GSE23568 ID3 TRANSDUCED VS ID3 KO CD8 TCELL DN, GSE23568 ID3 TRANSDUCED VS ID3 KO CD8 TCELL DN
                                                                                                                                             GSE40274_FOXP3_VS_FOXP3_AND_EOS_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_FOXP3_VS_FOXP3_AND_EOS_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
                                                                                                                                             GSE10239_NAIVE_VS_KLRG1INT_EFF_CD8_TCELL_UP, GSE10239_NAIVE_VS_KLRG1INT_EFF_CD8_TCELL_UP
                                                                                                                                             GSE20727_H2O2_VS_ROS_INHIBITOR_TREATED_DC_UP, GSE20727_H2O2_VS_ROS_INHIBITOR_TREATED_DC_UP
                                                                                                                                             GSE43863_NAIVE_VS_MEMORY_LY6C_INT_CXCR5POS_CD4_TCELL_D150_LCMV_UP, GSE43863_NAIVE_VS_MEMORY_LY6C_INT_CXCR5POS_CD4_TCELL_D150_LCMV_UP
                                                                                                                                             GSE32423_IL7_VS_IL7_IL4_MEMORY_CD8_TCELL_UP, GSE32423_IL7_VS_IL7_IL4_MEMORY_CD8_TCELL_UP
                                                                                                                                             GSE10239_NAIVE_VS_KLRG1HIGH_EFF_CD8_TCELL_UP, GSE10239_NAIVE_VS_KLRG1HIGH_EFF_CD8_TCELL_UP
                                                                                                                                             GSE10239_NAIVE_VS_DAY4.5_EFF_CD8_TCELL_UP, GSE10239_NAIVE_VS_DAY4.5_EFF_CD8_TCELL_UP
                                                                                                                                             GSE43863_TH1_VS_LY6C_INT_CXCR5POS_EFFECTOR_CD4_TCELL_DN, GSE43863_TH1_VS_LY6C_INT_CXCR5POS_EFFECTOR_CD4_TCELL_DN
                                                                                                                                            GSE17186_BLOOD_VS_CORD_BLOOD_CD21LOW_TRANSITIONAL_BCELL_UP, GSE17186_BLOOD_VS_CORD_BLOOD_CD21LOW_TRANSITIONAL_BCELL_UP
                                                                                                                                             GSE22229_RENAL_TRANSPLANT_VS_HEALTHY_PBMC_DN, GSE22229_RENAL_TRANSPLANT_VS_HEALTHY_PBMC_DN
                                                                                                                                             GSE40274_GATA1_VS_FOXP3_AND_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_GATA1_VS_FOXP3_AND_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
                                                                                                                                             GSE13522_CTRL_VS_T_CRUZI_Y_STRAIN_INF_SKIN_IFNAR_KO_UP, GSE13522_CTRL_VS_T_CRUZI_Y_STRAIN_INF_SKIN_IFNAR_KO_UP
                                                                                                                                             GSE13493_DP_VS_CD4INTCD8POS_THYMOCYTE_UP, GSE13493_DP_VS_CD4INTCD8POS_THYMOCYTE_UP
                                                                                                                                            GSE16451_CTRL_VS_WEST_EQUINE_ENC_VIRUS_IMMATURE_NEURON_CELL_LINE_UP, GSE16451_CTRL_VS_WEST_EQUINE_ENC_VIRUS_IMMATURE_NEURON_CELL_LINE_UP
                                                                                                                                            GSE13547_WT_VS_ZFX_KO_BCELL_UP, GSE13547_WT_VS_ZFX_KO_BCELL_UP
                                                                                                                                             GSE20727_H2O2_VS_ROS_INHIBITOR_TREATED_DC_DN, GSE20727_H2O2_VS_ROS_INHIBITOR_TREATED_DC_DN
                                                                                                                                             GSE40666_WT_VS_STAT1_KO_CD8_TCELL_UP, GSE40666_WT_VS_STAT1_KO_CD8_TCELL_UP
                                                                                                                                             GSE40666 WT VS STAT4 KO CD8 TCELL WITH IFNA STIM 90MIN UP, GSE40666 WT VS STAT4 KO CD8 TCELL WITH IFNA STIM 90MIN UP
                                                                                                                                             GSE17580 TREG VS TEFF DN, GSE17580 TREG VS TEFF DN
                                                                                                                                            GSE5589_WT_VS_IL10_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_UP, GSE5589_WT_VS_IL10_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_UP
                                                                                                                                             GSE369_PRE_VS_POST_IL6_INJECTION_SOCS3_KO_LIVER_UP, GSE369_PRE_VS_POST_IL6_INJECTION_SOCS3_KO_LIVER_UP
                                                                                                                                            GSE19825 CD24LOW_VS_IL2RA_HIGH_DAY3_EFF_CD8_TCELL_UP, GSE19825_CD24LOW_VS_IL2RA_HIGH_DAY3_EFF_CD8_TCELL_UP
                                                                                                                                            GSE33424_CD161_INT_VS_NEG_CD8_TCELL_DN, GSE33424_CD161_INT_VS_NEG_CD8_TCELL_DN
                                                                                                                                             GSE22886_NAIVE_CD4_TCELL_VS_DC_UP, GSE22886_NAIVE_CD4_TCELL_VS_DC_UP
                                                                                                                                             GSE26030_UNSTIM_VS_RESTIM_TH1_DAY5_POST_POLARIZATION_UP, GSE26030_UNSTIM_VS_RESTIM_TH1_DAY5_POST_POLARIZATION_UP
                                                                                                                                            GSE30962_ACUTE_VS_CHRONIC_LCMV_PRIMARY_INF_CD8_TCELL_UP, GSE30962_ACUTE_VS_CHRONIC_LCMV_PRIMARY_INF_CD8_TCELL_UP
                                                                                                                                             GSE21670_TGFB_VS_IL6_TREATED_STAT3_KO_CD4_TCELL_DN, GSE21670_TGFB_VS_IL6_TREATED_STAT3_KO_CD4_TCELL_DN
                                                                                                                                             GSE32423_IL7_VS_IL4_MEMORY_CD8_TCELL_UP, GSE32423_IL7_VS_IL4_MEMORY_CD8_TCELL_UP
                                                                                                                                             GSE3920_UNTREATED_VS_IFNB_TREATED_ENDOTHELIAL_CELL_UP, GSE3920_UNTREATED_VS_IFNB_TREATED_ENDOTHELIAL_CELL_UP
                                                                                                                                             GSE4590_PRE_BCELL_VS_VPREB_POS_LARGE_PRE_BCELL_DN, GSE4590_PRE_BCELL_VS_VPREB_POS_LARGE_PRE_BCELL_DN
                                                                                                                                             GSE22886_NAIVE_CD4_TCELL_VS_48H_ACT_TH2_UP, GSE22886_NAIVE_CD4_TCELL_VS_48H_ACT_TH2_UP
                                                                                                                                             GSE3982_EFF_MEMORY_CD4_TCELL_VS_NKCELL_DN, GSE3982_EFF_MEMORY_CD4_TCELL_VS_NKCELL_DN
                                                                                                                                             GSE39110_UNTREATED_VS_IL2_TREATED_CD8_TCELL_DAY3_POST_IMMUNIZATION_UP, GSE39110_UNTREATED_VS_IL2_TREATED_CD8_TCELL_DAY3_POST_IMMUNIZATION_UP
                                                                                                                                             GSE40274_FOXP3_VS_FOXP3_AND_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_FOXP3_VS_FOXP3_AND_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
                                                                                                                                             GSE26343_WT_VS_NFAT5_KO_MACROPHAGE_LPS_STIM_DN, GSE26343_WT_VS_NFAT5_KO_MACROPHAGE_LPS_STIM_DN
                                                                                                                                             GSE16697_CD4_TCELL_VS_TFH_CD4_TCELL_DN, GSE16697_CD4_TCELL_VS_TFH_CD4_TCELL_DN
                                                                                                                                             GSE3920_UNTREATED_VS_IFNG_TREATED_FIBROBLAST_DN, GSE3920_UNTREATED_VS_IFNG_TREATED_FIBROBLAST_DN
                                                                                                                                             GSE24142_EARLY_THYMIC_PROGENITOR_VS_DN2_THYMOCYTE_ADULT_UP, GSE24142_EARLY_THYMIC_PROGENITOR_VS_DN2_THYMOCYTE_ADULT_UP
                                                                                                                                             GSE39110_DAY3_VS_DAY6_POST_IMMUNIZATION_CD8_TCELL_UP, GSE39110_DAY3_VS_DAY6_POST_IMMUNIZATION_CD8_TCELL_UP
                                                                                                                                             GSE24634_NAIVE_CD4_TCELL_VS_DAY3_IL4_CONV_TREG_UP, GSE24634_NAIVE_CD4_TCELL_VS_DAY3_IL4_CONV_TREG_UP
                                                                                                                                             GSE8384_CTRL_VS_B_ABORTUS_4H_MAC_CELL_LINE_UP, GSE8384_CTRL_VS_B_ABORTUS_4H_MAC_CELL_LINE_UP
                                                                                                                                             GSE20366_TREG_VS_NAIVE_CD4_TCELL_HOMEOSTATIC_CONVERSION_DN, GSE20366_TREG_VS_NAIVE_CD4_TCELL_HOMEOSTATIC_CONVERSION_DN
                                                                                                                                             GSE5589_LPS_VS_LPS_AND_IL6_STIM_IL6_KO_MACROPHAGE_45MIN_UP, GSE5589_LPS_VS_LPS_AND_IL6_STIM_IL6_KO_MACROPHAGE_45MIN_UP
                                                                                                                                             GSE40666_NAIVE_VS_EFFECTOR_CD8_TCELL_WITH_IFNA_STIM_90MIN_UP, GSE40666_NAIVE_VS_EFFECTOR_CD8_TCELL_WITH_IFNA_STIM_90MIN_UP
                                                                                                                                             GSE23505_IL6_IL1_VS_IL6_IL1_IL23_TREATED_CD4_TCELL_DN, GSE23505_IL6_IL1_VS_IL6_IL1_IL23_TREATED_CD4_TCELL_DN
                                                                                                                                            GSE15330_WT_VS_IKAROS_KO_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_DN, GSE15330_WT_VS_IKAROS_KO_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_DN
                                                                                                                                             GSE15735_CTRL_VS_HDAC_INHIBITOR_TREATED_CD4_TCELL_12H_DN, GSE15735_CTRL_VS_HDAC_INHIBITOR_TREATED_CD4_TCELL_12H_DN
                                                                                                                                            GSE39110_DAY3_VS_DAY6_POST_IMMUNIZATION_CD8_TCELL_WITH_IL2_TREATMENT_DN, GSE39110_DAY3_VS_DAY6_POST_IMMUNIZATION_CD8_TCELL_WITH_IL2_TREATMENT_DN
                                                                                                                                             GSE15750_DAY6_VS_DAY10_TRAF6KO_EFF_CD8_TCELL_DN, GSE15750_DAY6_VS_DAY10_TRAF6KO_EFF_CD8_TCELL_DN
                                                                                                                                             GSE7764_IL15_TREATED_VS_CTRL_NK_CELL_24H_DN, GSE7764_IL15_TREATED_VS_CTRL_NK_CELL_24H_DN
                                                                                                                                            GSE37301_PRO_BCELL_VS_GRANULOCYTE_MONOCYTE_PROGENITOR_UP, GSE37301_PRO_BCELL_VS_GRANULOCYTE_MONOCYTE_PROGENITOR_UP
                                                                                                                                             GSE38681_WT_VS_LYL1_KO_LYMPHOID_PRIMED_MULTIPOTENT_PROGENITOR_UP, GSE38681_WT_VS_LYL1_KO_LYMPHOID_PRIMED_MULTIPOTENT_PROGENITOR_UP
                                                                                                                                             GSE40277_GATA1_AND_SATB1_TRANSDUCED_VS_CTRL_CD4_TCELL_UP, GSE40277_GATA1_AND_SATB1_TRANSDUCED_VS_CTRL_CD4_TCELL_UP
                                                                                                                                            GSE7460_TCONV_VS_TREG_LN_UP, GSE7460_TCONV_VS_TREG_LN_UP
                                                                                                                                             GSE23568_CTRL_VS_ID3_TRANSDUCED_CD8_TCELL_UP, GSE23568_CTRL_VS_ID3_TRANSDUCED_CD8_TCELL_UP
                                                                                                                                             GSE7460_CD8_TCELL_VS_TREG_ACT_UP, GSE7460_CD8_TCELL_VS_TREG_ACT_UP
                                                                                                                                             GSE11961_MEMORY_BCELL_DAY7_VS_GERMINAL_CENTER_BCELL_DAY40_DN, GSE11961_MEMORY_BCELL_DAY7_VS_GERMINAL_CENTER_BCELL_DAY40_DN
                                                                                                                                             GSE40443 INDUCED VS TOTAL TREG DN, GSE40443 INDUCED VS TOTAL TREG DN
                                                                                                                                             GSE41867_NAIVE_VS_DAY8_LCMV_CLONE13_EFFECTOR_CD8_TCELL_UP, GSE41867_NAIVE_VS_DAY8_LCMV_CLONE13_EFFECTOR_CD8_TCELL_UP
                                                                                                                                             GSE29164_CD8_TCELL_VS_CD8_TCELL_AND_IL12_TREATED_MELANOMA_DAY3_DN, GSE29164_CD8_TCELL_VS_CD8_TCELL_AND_IL12_TREATED_MELANOMA_DAY3_DN
                                                                                                                                             MCBRYAN_PUBERTAL_BREAST_6_7WK_UP, MCBRYAN_PUBERTAL_BREAST_6_7WK_UP
                                                                                                                                             KAECH NAIVE VS DAY8 EFF CD8 TCELL UP, KAECH NAIVE VS DAY8 EFF CD8 TCELL UP
                                                                                                                                             GSE4535_BM_DERIVED_DC_VS_FOLLICULAR_DC_DN, GSE4535_BM_DERIVED_DC_VS_FOLLICULAR_DC_DN
                                                                                                                                             GSE25123_WT_VS_PPARG_KO_MACROPHAGE_IL4_STIM_UP, GSE25123_WT_VS_PPARG_KO_MACROPHAGE_IL4_STIM_UP
                                                                                                                                            GSE11057_CD4_CENT_MEM_VS_PBMC_UP, GSE11057_CD4_CENT_MEM_VS_PBMC_UP
                                                                                                                                             GSE26669_CTRL_VS_COSTIM_BLOCK_MLR_CD4_TCELL_DN, GSE26669_CTRL_VS_COSTIM_BLOCK_MLR_CD4_TCELL_DN
                                                                                                                                             GSE17186_MEMORY_VS_NAIVE_BCELL_UP, GSE17186_MEMORY_VS_NAIVE_BCELL_UP
                                                                                                                                            GSE18893_CTRL_VS_TNF_TREATED_TREG_24H_DN, GSE18893_CTRL_VS_TNF_TREATED_TREG_24H_DN
                                                                                                                                             GOCC_LATE_ENDOSOME_MEMBRANE, GOCC_LATE_ENDOSOME_MEMBRANE
                                                                                                                                             GSE21670_STAT3_KO_VS_WT_CD4_TCELL_IL6_TREATED_DN, GSE21670_STAT3_KO_VS_WT_CD4_TCELL_IL6_TREATED_DN
                                                                                                                                             GSE32901_TH17_EMRICHED_VS_TH17_NEG_CD4_TCELL_DN, GSE32901_TH17_EMRICHED_VS_TH17_NEG_CD4_TCELL_DN
                                                                                                                                             GSE40274_FOXP3_VS_FOXP3_AND_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_FOXP3_VS_FOXP3_AND_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
                                                                                                                                             GSE22432_UNTREATED_VS_TGFB1_TREATED_COMMON_DC_PROGENITOR_DN, GSE22432_UNTREATED_VS_TGFB1_TREATED_COMMON_DC_PROGENITOR_DN
                                                                                                                                             GSE14415_INDUCED_VS_NATURAL_TREG_UP, GSE14415_INDUCED_VS_NATURAL_TREG_UP
                                                                                                                                             GSE5589 LPS VS LPS AND IL10 STIM MACROPHAGE 45MIN UP, GSE5589 LPS VS LPS AND IL10 STIM MACROPHAGE 45MIN UP
                                                                                                                                            GSE14699_NAIVE_VS_ACT_CD8_TCELL_DN, GSE14699_NAIVE_VS_ACT_CD8_TCELL_DN
                                                                                                                                             GSE37301_MULTIPOTENT_PROGENITOR_VS_CD4_TCELL_UP, GSE37301_MULTIPOTENT_PROGENITOR_VS_CD4_TCELL_UP
                                                                                                                                             GSE21033_1H_VS_12H_POLYIC_STIM_DC_UP, GSE21033_1H_VS_12H_POLYIC_STIM_DC_UP
                                                                                                                                             GSE7460_WT_VS_FOXP3_HET_ACT_WITH_TGFB_TCONV_UP, GSE7460_WT_VS_FOXP3_HET_ACT_WITH_TGFB_TCONV_UP
                                                                                                                                             GSE8921_3H_VS_24H_TLR1_2_STIM_MONOCYTE_DN, GSE8921_3H_VS_24H_TLR1_2_STIM_MONOCYTE_DN
                                                                                                                                             GSE40274_FOXP3_VS_FOXP3_AND_PBX1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_FOXP3_VS_FOXP3_AND_PBX1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
                                                                                                                                             GSE32255_WT_UNSTIM_VS_JMJD2D_KNOCKDOWN_4H_LPS_STIM_DC_DN, GSE32255_WT_UNSTIM_VS_JMJD2D_KNOCKDOWN_4H_LPS_STIM_DC_DN
                                                                                                                                             GSE27786_CD4_VS_CD8_TCELL_UP, GSE27786_CD4_VS_CD8_TCELL_UP
                                                                                                                                             GSE7460_WT_VS_FOXP3_HET_ACT_TCONV_UP, GSE7460_WT_VS_FOXP3_HET_ACT_TCONV_UP
                                                                                                                                             GSE32901_TH1_VS_TH17_ENRICHED_CD4_TCELL_UP, GSE32901_TH1_VS_TH17_ENRICHED_CD4_TCELL_UP
                                                                                                                                             GSE7219_UNSTIM_VS_LPS_AND_ANTI_CD40_STIM_DC_UP, GSE7219_UNSTIM_VS_LPS_AND_ANTI_CD40_STIM_DC_UP
                                                                                                                                            GSE13493_DP_VS_CD8POS_THYMOCYTE_UP, GSE13493_DP_VS_CD8POS_THYMOCYTE_UP
                                                                                                                                             GSE17186_BLOOD_VS_CORD_BLOOD_CD21HIGH_TRANSITIONAL_BCELL_DN, GSE17186_BLOOD_VS_CORD_BLOOD_CD21HIGH_TRANSITIONAL_BCELL_DN
                                                                                                                                             GSE45739_UNSTIM_VS_ACD3_ACD28_STIM_NRAS_KO_CD4_TCELL_UP, GSE45739_UNSTIM_VS_ACD3_ACD28_STIM_NRAS_KO_CD4_TCELL_UP
                                                                                                                                             GSE40274_LEF1_VS_FOXP3_AND_LEF1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN, GSE40274_LEF1_VS_FOXP3_AND_LEF1_TRANSDUCED_ACTIVATED_CD4_TCELL_DN
                                                                                                                                             GSE10239_MEMORY_VS_DAY4.5_EFF_CD8_TCELL_UP, GSE10239_MEMORY_VS_DAY4.5_EFF_CD8_TCELL_UP
                                                                                                                                             GSE18804_SPLEEN_MACROPHAGE_VS_TUMORAL_MACROPHAGE_UP, GSE18804_SPLEEN_MACROPHAGE_VS_TUMORAL_MACROPHAGE_UP
                                                                                                                                             GSE26343_WT_VS_NFAT5_KO_MACROPHAGE_LPS_STIM_UP, GSE26343_WT_VS_NFAT5_KO_MACROPHAGE_LPS_STIM_UP
                                                                                                                                             GSE7460_CTRL_VS_TGFB_TREATED_ACT_CD8_TCELL_DN, GSE7460_CTRL_VS_TGFB_TREATED_ACT_CD8_TCELL_DN
                                                                                                                                             GSE37301_CD4_TCELL_VS_GRANULOCYTE_MONOCYTE_PROGENITOR_UP, GSE37301_CD4_TCELL_VS_GRANULOCYTE_MONOCYTE_PROGENITOR_UP
                                                                                                                                             GSE15930_NAIVE_VS_48H_IN_VITRO_STIM_IL12_CD8_TCELL_UP, GSE15930_NAIVE_VS_48H_IN_VITRO_STIM_IL12_CD8_TCELL_UP
                                                                                                                                             GSE43863_LY6C_INT_CXCR5POS_VS_LY6C_LOW_CXCR5NEG_EFFECTOR_CD4_TCELL_UP, GSE43863_LY6C_INT_CXCR5POS_VS_LY6C_LOW_CXCR5NEG_EFFECTOR_CD4_TCELL_UP
                                                                                                                                             GSE7852_TREG_VS_TCONV_LN_DN, GSE7852_TREG_VS_TCONV_LN_DN
                                                                                                                                             GSE14415_INDUCED_TREG_VS_TCONV_DN, GSE14415_INDUCED_TREG_VS_TCONV_DN
                                                                                                                                             GSE5542_UNTREATED_VS_IFNA_AND_IFNG_TREATED_EPITHELIAL_CELLS_6H_UP, GSE5542_UNTREATED_VS_IFNA_AND_IFNG_TREATED_EPITHELIAL_CELLS_6H_UP
                                                                                                                                            GSE39916_B_CELL_SPLEEN_VS_PLASMA_CELL_BONE_MARROW_UP, GSE39916_B_CELL_SPLEEN_VS_PLASMA_CELL_BONE_MARROW_UP
                                                                                                                                             GSE7460_FOXP3_MUT_VS_WT_ACT_TCONV_DN, GSE7460_FOXP3_MUT_VS_WT_ACT_TCONV_DN
                                                                                                                                             GSE37301_COMMON_LYMPHOID_PROGENITOR_VS_RAG2_KO_NK_CELL_DN, GSE37301_COMMON_LYMPHOID_PROGENITOR_VS_RAG2_KO_NK_CELL_DN
                                                                                                                                             GSE5679_PPARG_LIGAND_ROSIGLITAZONE_VS_ROSIGLITAZONE_AND_RARA_AGONIST_AM580_TREATED_DC_DN, GSE5679_PPARG_LIGAND_ROSIGLITAZONE_VS_ROSIGLITAZONE_AND_RARA_AGONIST_AM580_TREATED_DC_DN
                                                                                                                                             GSE25123 CTRL VS IL4 AND ROSIGLITAZONE STIM PPARG KO MACROPHAGE DN, GSE25123 CTRL VS IL4 AND ROSIGLITAZONE STIM PPARG KO MACROPHAGE DN
                                                                                                                                             GSE3982_DC_VS_BCELL_DN, GSE3982_DC_VS_BCELL_DN
                                                                                                                                             LINDGREN_BLADDER_CANCER_CLUSTER_2A_DN, LINDGREN_BLADDER_CANCER_CLUSTER_2A_DN
                                                                                                                                             GSE5455_HEALTHY_VS_TUMOR_BEARING_MOUSE_SPLEEN_MONOCYTE_24H_INCUBATION_UP, GSE5455_HEALTHY_VS_TUMOR_BEARING_MOUSE_SPLEEN_MONOCYTE_24H_INCUBATION_UP
                                                                                                                                              GAUSSMANN_MLL_AF4_FUSION_TARGETS_C_UP, GAUSSMANN_MLL_AF4_FUSION_TARGETS_C_UP
                                                                                                                                             COULOUARN_TEMPORAL_TGFB1_SIGNATURE_UP, COULOUARN_TEMPORAL_TGFB1_SIGNATURE_UP
                                                                                                                                             CCTGTGA_MIR513, CCTGTGA_MIR513
                                                                                                                                             GSE13547_WT_VS_ZFX_KO_BCELL_ANTI_IGM_STIM_12H_DN, GSE13547_WT_VS_ZFX_KO_BCELL_ANTI_IGM_STIM_12H_DN
                                                                                                                                             MIR2355 5P, MIR2355 5P
                                                                                                                                             MIR6501 3P, MIR6501 3P
                                                                                                                                             MIR661, MIR661
                                                                                                                                             GSE7568_IL4_VS_IL4_AND_DEXAMETHASONE_TREATED_MACROPHAGE_DN, GSE7568_IL4_VS_IL4_AND_DEXAMETHASONE_TREATED_MACROPHAGE_DN
                                                                                                                                             GSE4984_UNTREATED_VS_LPS_TREATED_DC_UP, GSE4984_UNTREATED_VS_LPS_TREATED_DC_UP
                                                                                                                                             MORF_DDX11, MORF_DDX11
                                                                                                                                             GSE14415_NATURAL_TREG_VS_FOXP3_KO_NATURAL_TREG_DN, GSE14415_NATURAL_TREG_VS_FOXP3_KO_NATURAL_TREG_DN
                                                                                                                                             GSE37605_FOXP3_FUSION_GFP_VS_IRES_GFP_TREG_C57BL6_DN, GSE37605_FOXP3_FUSION_GFP_VS_IRES_GFP_TREG_C57BL6_DN
                                                                                                                                             GSE20366_EX_VIVO_VS_DEC205_CONVERSION_NAIVE_CD4_TCELL_DN, GSE20366_EX_VIVO_VS_DEC205_CONVERSION_NAIVE_CD4_TCELL_DN
                                                                                                                                             GSE15330_HSC_VS_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_UP, GSE15330_HSC_VS_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_UP
                                                                                                                                             MILI_PSEUDOPODIA_CHEMOTAXIS_UP, MILI_PSEUDOPODIA_CHEMOTAXIS_UP
                                                                                                                                             WP_DNA_DAMAGE_RESPONSE_ONLY_ATM_DEPENDENT, WP_DNA_DAMAGE_RESPONSE_ONLY_ATM_DEPENDENT
                                                                                                                                             GTATGAT MIR154 MIR487, GTATGAT MIR154 MIR487
                                                                                                                                             GSE15930_NAIVE_VS_24H_IN_VITRO_STIM_INFAB_CD8_TCELL_UP, GSE15930_NAIVE_VS_24H_IN_VITRO_STIM_INFAB_CD8_TCELL_UP
                                                                                                                                             GSE14699_NAIVE_VS_DELETIONAL_TOLERANCE_CD8_TCELL_UP, GSE14699_NAIVE_VS_DELETIONAL_TOLERANCE_CD8_TCELL_UP
                                                                                                                                             GSE15930_NAIVE_VS_48H_IN_VITRO_STIM_IFNAB_CD8_TCELL_UP, GSE15930_NAIVE_VS_48H_IN_VITRO_STIM_IFNAB_CD8_TCELL_UP
                                                                                                                                             GSE10211_UV_INACT_SENDAI_VS_LIVE_SENDAI_VIRUS_TRACHEAL_EPITHELIAL_CELLS_UP, GSE10211_UV_INACT_SENDAI_VS_LIVE_SENDAI_VIRUS_TRACHEAL_EPITHELIAL_CELLS_UP
                                                                                                                                             GSE9509_10MIN_VS_30MIN_LPS_STIM_IL10_KO_MACROPHAGE_DN, GSE9509_10MIN_VS_30MIN_LPS_STIM_IL10_KO_MACROPHAGE_DN
                                                                                                                                             BOYLAN_MULTIPLE_MYELOMA_D_UP, BOYLAN_MULTIPLE_MYELOMA_D_UP
                                                                                                                                             GSE15330_LYMPHOID_MULTIPOTENT_VS_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_IKAROS_KO_UP, GSE15330_LYMPHOID_MULTIPOTENT_VS_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_IKAROS_KO_UP
                                                                                                                                             GTTATAT_MIR410, GTTATAT_MIR410
                                                                                                                                             MCBRYAN_PUBERTAL_TGFB1_TARGETS_DN, MCBRYAN_PUBERTAL_TGFB1_TARGETS_DN
                                                                                                                                             HP_ABNORMAL_ATRIOVENTRICULAR_VALVE_MORPHOLOGY, HP_ABNORMAL_ATRIOVENTRICULAR_VALVE_MORPHOLOGY
                                                                                                                                             GSE34179_THPOK_KO_VS_WT_VA14I_NKTCELL_UP, GSE34179_THPOK_KO_VS_WT_VA14I_NKTCELL_UP
                                                                                                                                             GSE36078_UNTREATED_VS_AD5_INF_IL1R_KO_MOUSE_LUNG_DC_UP, GSE36078_UNTREATED_VS_AD5_INF_IL1R_KO_MOUSE_LUNG_DC_UP
                                                                                                                                             GSE13547_CTRL_VS_ANTI_IGM_STIM_ZFX_KO_BCELL_12H_DN, GSE13547_CTRL_VS_ANTI_IGM_STIM_ZFX_KO_BCELL_12H_DN
                                                                                                                                             MIR5581 3P, MIR5581 3P
                                                                                                                                             GOBP_REGULATION_OF_T_CELL_DIFFERENTIATION, GOBP_REGULATION_OF_T_CELL_DIFFERENTIATION
                                                                                                                                             GAL_LEUKEMIC_STEM_CELL_UP, GAL_LEUKEMIC_STEM_CELL_UP
                                                                                                                                             MIR4316, MIR4316
                                                                                                                                             GSE12963_ENV_NEF_VS_ENV_NEF_AND_VPR_DEFICIENT_HIV1_INF_CD4_TCELL_UP, GSE12963_ENV_NEF_VS_ENV_NEF_AND_VPR_DEFICIENT_HIV1_INF_CD4_TCELL_UP
                                                                                                                                             GSE22025_UNTREATED_VS_PROGESTERONE_TREATED_CD4_TCELL_UP, GSE22025_UNTREATED_VS_PROGESTERONE_TREATED_CD4_TCELL_UP
                                                                                                                                             MIR4445_5P, MIR4445_5P
                                                                                                                                             GSE15659_NAIVE_CD4_TCELL_VS_ACTIVATED_TREG_UP, GSE15659_NAIVE_CD4_TCELL_VS_ACTIVATED_TREG_UP
                                                                                                                                             WP_ADIPOGENESIS, WP_ADIPOGENESIS
                                                                                                                                             MARTINEZ RESPONSE TO TRABECTEDIN UP, MARTINEZ RESPONSE TO TRABECTEDIN UP
                                                                                                                                             GOCC CUL3 RING UBIQUITIN LIGASE COMPLEX, GOCC CUL3 RING UBIQUITIN LIGASE COMPLEX
                                                                                                                                             MIR6839 3P, MIR6839 3P
                                                                                                                                             HP_MITRAL_VALVE_PROLAPSE, HP_MITRAL_VALVE_PROLAPSE
                                                                                                                                             MIR4254, MIR4254
                                                                                                                                             KEGG INOSITOL PHOSPHATE METABOLISM, KEGG INOSITOL PHOSPHATE METABOLISM
                                                                                                                                             MIR4642, MIR4642
                                                                                                                                             HP EXERTIONAL DYSPNEA, HP EXERTIONAL DYSPNEA
                                                                                                                                            MODULE_145, MODULE_145
                                                                                                                                            MIR6759_3P, MIR6759_3P
                                                                                                                                            REACTOME_SIGNALING_BY_SCF_KIT, REACTOME_SIGNALING_BY_SCF_KIT
                                                                                                                                            GSE43955_1H_VS_60H_ACT_CD4_TCELL_DN, GSE43955_1H_VS_60H_ACT_CD4_TCELL_DN
                                                                                                                                             MIR6748 3P, MIR6748 3P
                                                                                                                                             MIR6884 3P, MIR6884 3P
                                                                                                                                             MIR892B, MIR892B
                                                                                                                                             MIR216B 5P, MIR216B 5P
                                                                                                                                             MIR4638 3P, MIR4638 3P
                                                                                                                                             MIR6749 3P, MIR6749 3P
                                                                                                                                              CCTNTMAGA_UNKNOWN, CCTNTMAGA_UNKNOWN
                                                                                                                                             KEGG_PHOSPHATIDYLINOSITOL_SIGNALING_SYSTEM, KEGG_PHOSPHATIDYLINOSITOL_SIGNALING_SYSTEM
                                                                                                                                             WP_GLUCOCORTICOID_RECEPTOR_PATHWAY, WP_GLUCOCORTICOID_RECEPTOR_PATHWAY
                                                                                                                                             PID_TNF_PATHWAY, PID_TNF_PATHWAY
                                                                                                                                             MIR6747_3P, MIR6747_3P
                                                                                                                                             GOBP_LIPID_PHOSPHORYLATION, GOBP_LIPID_PHOSPHORYLATION
                                                                                                                                             HP LIMB GIRDLE MUSCLE WEAKNESS, HP LIMB GIRDLE MUSCLE WEAKNESS
                                                                                                                                            NAKAYAMA_FRA2_TARGETS, NAKAYAMA_FRA2_TARGETS
CTRL_CD8_TCELL_LATE_PASSAGE_CLONE_DN, GSE5142_HTERT_TRANSDUCED_VS_CTRL_CD8_TCELL_LATE_PASSAGE_CLONE_DN 🚩 CTCNANGTGNY_UNKNOWN, CTCNANGTGNY_UNKNOWN
                                                                                                                                             HP_HYPEREXTENSIBLE_SKIN, HP_HYPEREXTENSIBLE_SKIN
                                                                                                                                             MIR6874 3P, MIR6874 3P
                                                                                                                                             HP_BACK_PAIN, HP_BACK_PAIN
                                                                                                                                             GOCC INTRINSIC COMPONENT OF GOLGI MEMBRANE, GOCC INTRINSIC COMPONENT OF GOLGI MEMBRANE
                                                                                                                                             MIR6757_5P, MIR6757_5P
                                                                                                                                             MIR6076, MIR6076
                                                                                                                                             MIR1261, MIR1261
                                                                                                                                              HP_WEAKNESS_OF_MUSCLES_OF_RESPIRATION, HP_WEAKNESS_OF_MUSCLES_OF_RESPIRATION
                                                                                                                                             MIR148B 5P, MIR148B 5P
                                                                                                                                              GSE13522 CTRL VS_T_CRUZI_Y_STRAIN_INF_SKIN_BALBC_MOUSE_DN, GSE13522 CTRL VS_T_CRUZI_Y_STRAIN_INF_SKIN_BALBC_MOUSE_DN
                                                                                                                                             GOBP_POSITIVE_REGULATION_OF_SMALL_GTPASE_MEDIATED_SIGNAL_TRANSDUCTION, GOBP_POSITIVE_REGULATION_OF_SMALL_GTPASE_MEDIATED_SIGNAL_TRANSDUCTION
                                                                                                                                             KEGG_DORSO_VENTRAL_AXIS_FORMATION, KEGG_DORSO_VENTRAL_AXIS_FORMATION
                                                                                                                                             HP_PANCREATIC_ADENOCARCINOMA, HP_PANCREATIC_ADENOCARCINOMA
                                                                                                                                            GSE37301_PRO_BCELL_VS_CD4_TCELL_DN, GSE37301_PRO_BCELL_VS_CD4_TCELL_DN
                                                                                                                                            WP_ARYL_HYDROCARBON_RECEPTOR_NETPATH, WP_ARYL_HYDROCARBON_RECEPTOR_NETPATH
                                                                                                                                            GOBP_OVULATION_CYCLE, GOBP_OVULATION_CYCLE
                                                                                                                                             CCANNAGRKGGC UNKNOWN, CCANNAGRKGGC UNKNOWN
                                                                                                                                             HP_RESTING_TREMOR, HP_RESTING_TREMOR
                                                                                                                                             GOBP_LATE_ENDOSOME_TO_VACUOLE_TRANSPORT, GOBP_LATE_ENDOSOME_TO_VACUOLE_TRANSPORT
                                                                                                                                             HP_NECK_MUSCLE_WEAKNESS, HP_NECK_MUSCLE_WEAKNESS
                                                                                                                                             MIR31_3P, MIR31_3P
                                                                                                                                             GOBP VIRAL_BUDDING, GOBP_VIRAL_BUDDING
                                                                                                                                             MIR23B_5P, MIR23B_5P
                                                                                                                                             GOMF_BETA_CATENIN_BINDING, GOMF_BETA_CATENIN_BINDING
                                                                                                                                             GOBP_ENDOCRINE_SYSTEM_DEVELOPMENT, GOBP_ENDOCRINE_SYSTEM_DEVELOPMENT
                                                                                                                                             GOBP_VIRAL_BUDDING_VIA_HOST_ESCRT_COMPLEX, GOBP_VIRAL_BUDDING_VIA_HOST_ESCRT_COMPLEX
                                                                                                                                             PTTG1_TARGET_GENES, PTTG1_TARGET_GENES
                                                                                                                                             GOBP_PRI_MIRNA_TRANSCRIPTION_BY_RNA_POLYMERASE_II, GOBP_PRI_MIRNA_TRANSCRIPTION_BY_RNA_POLYMERASE_II
                                                                                                                                             REACTOME_CA2_PATHWAY, REACTOME_CA2_PATHWAY
                                                                                                                                             HOELZEL_NF1_TARGETS_DN, HOELZEL_NF1_TARGETS_DN
                                                                                                                                             MIR24_1_5P_MIR24_2_5P, MIR24_1_5P_MIR24_2_5P
                                                                                                                                             HP_VERY_LONG_CHAIN_FATTY_ACID_ACCUMULATION, HP_VERY_LONG_CHAIN_FATTY_ACID_ACCUMULATION
                                                                                                                                             WP_WNT_SIGNALING_PATHWAY_AND_PLURIPOTENCY, WP_WNT_SIGNALING_PATHWAY_AND_PLURIPOTENCY
                                                                                                                                             MIR6800 3P, MIR6800_3P
                                                                                                                                             LIANG_HEMATOPOIESIS_STEM_CELL_NUMBER_SMALL_VS_HUGE_DN, LIANG_HEMATOPOIESIS_STEM_CELL_NUMBER_SMALL_VS_HUGE_DN
                                                                                                                                             GOMF_ACETYLGALACTOSAMINYLTRANSFERASE_ACTIVITY, GOMF_ACETYLGALACTOSAMINYLTRANSFERASE_ACTIVITY
                                                                                                                                             HP_MUSCLE_STIFFNESS, HP_MUSCLE_STIFFNESS
                                                                                                                                             GSE45365_WT_VS_IFNAR_KO_CD8A_DC_MCMV_INFECTION_DN, GSE45365_WT_VS_IFNAR_KO_CD8A_DC_MCMV_INFECTION_DN
                                                                                                                                             REACTOME_SIGNALLING_TO_ERKS, REACTOME_SIGNALLING_TO_ERKS
                                                                                                                                             WP_ENVELOPE_PROTEINS_AND_THEIR_POTENTIAL_ROLES_IN_EDMD_PHYSIOPATHOLOGY, WP_ENVELOPE_PROTEINS_AND_THEIR_POTENTIAL_ROLES_IN_EDMD_PHYSIOPATHOLOGY
                                                                                                                                             HP_DIPLOPIA, HP_DIPLOPIA
                                                                                                                                             CDPCR1_01, CDPCR1_01
                                                                                                                                             PID_P75_NTR_PATHWAY, PID_P75_NTR_PATHWAY
                                                                                                                                             HP_PALPITATIONS, HP_PALPITATIONS
                                                                                                                                             GSE34156_UNTREATED_VS_24H_NOD2_AND_TLR1_TLR2_LIGAND_TREATED_MONOCYTE_DN, GSE34156_UNTREATED_VS_24H_NOD2_AND_TLR1_TLR2_LIGAND_TREATED_MONOCYTE_DN
                                                                                                                                             REACTOME_SIGNALING_BY_FGFR1_IN_DISEASE, REACTOME_SIGNALING_BY_FGFR1_IN_DISEASE
                                                                                                                                             MIR3192_3P, MIR3192_3P
                                                                                                                                             MIR325, MIR325
                                                                                                                                             GOMF_UDP_GLYCOSYLTRANSFERASE_ACTIVITY, GOMF_UDP_GLYCOSYLTRANSFERASE_ACTIVITY
                                                                                                                                             BIOCARTA_TGFB_PATHWAY, BIOCARTA_TGFB_PATHWAY
                                                                                                                                             GOBP_INTERLEUKIN_6_MEDIATED_SIGNALING_PATHWAY, GOBP_INTERLEUKIN_6_MEDIATED_SIGNALING_PATHWAY
                                                                                                                                             GOCC_BETA_CATENIN_TCF_COMPLEX, GOCC_BETA_CATENIN_TCF_COMPLEX
                                                                                                                                             GOBP_REGULATION_OF_MYELOID_CELL_APOPTOTIC_PROCESS, GOBP_REGULATION_OF_MYELOID_CELL_APOPTOTIC_PROCESS
                                                                                                                                             GOBP_POSITIVE_REGULATION_OF_PRI_MIRNA_TRANSCRIPTION_BY_RNA_POLYMERASE_II, GOBP_POSITIVE_REGULATION_OF_PRI_MIRNA_TRANSCRIPTION_BY_RNA_POLYMERASE_II
                                                                                                                                             GOBP_REGULATION_OF_CHONDROCYTE_DIFFERENTIATION, GOBP_REGULATION_OF_CHONDROCYTE_DIFFERENTIATION
                                                                                                                                             RIZ_ERYTHROID_DIFFERENTIATION_12HR, RIZ_ERYTHROID_DIFFERENTIATION_12HR
                                                                                                                                             HP_CHORIORETINAL_DEGENERATION, HP_CHORIORETINAL_DEGENERATION
                                                                                                                                             GOBERT_CORE_OLIGODENDROCYTE_DIFFERENTIATION, GOBERT_CORE_OLIGODENDROCYTE_DIFFERENTIATION
                                                                                                                                             GOBP_NEGATIVE_REGULATION_OF_CELLULAR_RESPONSE_TO_INSULIN_STIMULUS, GOBP_NEGATIVE_REGULATION_OF_CELLULAR_RESPONSE_TO_INSULIN_STIMULUS
                                                                                                                                             REACTOME_SIGNALING_BY_BMP, REACTOME_SIGNALING_BY_BMP
                                                                                                                                             HP_FOCAL_WHITE_MATTER_LESIONS, HP_FOCAL_WHITE_MATTER_LESIONS
                                                                                                                                             GOBP_LIPID_DROPLET_ORGANIZATION, GOBP_LIPID_DROPLET_ORGANIZATION
                                                                                                                                             HALMOS_CEBPA_TARGETS_DN, HALMOS_CEBPA_TARGETS_DN
                                                                                                                                             GOBP_T_CELL_SELECTION, GOBP_T_CELL_SELECTION
                                                                                                                                             REACTOME_SIGNALING_BY_FLT3_FUSION_PROTEINS, REACTOME_SIGNALING_BY_FLT3_FUSION_PROTEINS
                                                                                                                                             HP_EPISPADIAS, HP_EPISPADIAS
                                                                                                                                             GOMF_HORMONE_BINDING, GOMF_HORMONE_BINDING
                                                                                                                                             KEGG_GLYCOSAMINOGLYCAN_BIOSYNTHESIS_CHONDROITIN_SULFATE, KEGG_GLYCOSAMINOGLYCAN_BIOSYNTHESIS_CHONDROITIN_SULFATE
                                                                                                                                             MIR6895 5P. MIR6895 5P
                                                                                                                                             HARALAMBIEVA_PBMC_TIV_AGE_50_74YO_CORRELATED_WITH_MEMORY_B_CELL_RESPONSE_28DY_NEGATIVE, HARALAMBIEVA_PBMC_TIV_AGE_50_74YO_CORRELATED_WITH_MEMORY_B_CELL_RESPONSE_28DY_NEGATIVE
                                                                                                                                             BIOCARTA_ETS_PATHWAY, BIOCARTA_ETS_PATHWAY
                                                                                                                                             GOMF_INTERLEUKIN_1_RECEPTOR_ACTIVITY, GOMF_INTERLEUKIN_1_RECEPTOR_ACTIVITY
                                                                                                                                             HP_INTERMITTENT_CLAUDICATION, HP_INTERMITTENT_CLAUDICATION
                                                                                                                                             GOBP_REGULATION_OF_CARTILAGE_DEVELOPMENT, GOBP_REGULATION_OF_CARTILAGE_DEVELOPMENT
                                                                                                                                             HP_PROGRESSIVE_SPASTICITY, HP_PROGRESSIVE_SPASTICITY
                                                                                                                                             GOCC_GOLGI_TRANS_CISTERNA, GOCC_GOLGI_TRANS_CISTERNA
                                                                                                                                             SPIELMAN_LYMPHOBLAST_EUROPEAN_VS_ASIAN_2FC_DN, SPIELMAN_LYMPHOBLAST_EUROPEAN_VS_ASIAN_2FC_DN
                                                                                                                                             REACTOME_SIGNALING_BY_KIT_IN_DISEASE, REACTOME_SIGNALING_BY_KIT_IN_DISEASE
                                                                                                                                             GOMF_METALLOEXOPEPTIDASE_ACTIVITY, GOMF_METALLOEXOPEPTIDASE_ACTIVITY
                                                                                                                                             MIR6082, MIR6082
                                                                                                                                             MCCABE_HOXC6_TARGETS_CANCER_UP, MCCABE_HOXC6_TARGETS_CANCER_UP
                                                                                                                                             REACTOME_FOXO_MEDIATED_TRANSCRIPTION_OF_CELL_CYCLE_GENES, REACTOME_FOXO_MEDIATED_TRANSCRIPTION_OF_CELL_CYCLE_GENES
                                                                                                                                             GGCAGAC_MIR346, GGCAGAC_MIR346
                                                                                                                                             MIR3657, MIR3657
                                                                                                                                             GOBP_REGULATION_OF_ESTABLISHMENT_OR_MAINTENANCE_OF_CELL_POLARITY, GOBP_REGULATION_OF_ESTABLISHMENT_OR_MAINTENANCE_OF_CELL_POLARITY
                                                                                                                                             HP_NON_MIDLINE_CLEFT_LIP, HP_NON_MIDLINE_CLEFT_LIP
                                                                                                                                             MIR621, MIR621
                                                                                                                                             GOBP_NEGATIVE_REGULATION_OF_MUSCLE_CELL_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_MUSCLE_CELL_DIFFERENTIATION
                                                                                                                                             WP_NUCLEAR_RECEPTORS, WP_NUCLEAR_RECEPTORS
                                                                                                                                             MIR3117_3P, MIR3117_3P
                                                                                                                                             GOBP_CARDIAC_CELL_DEVELOPMENT, GOBP_CARDIAC_CELL_DEVELOPMENT
                                                                                                                                             GOBP_ESTABLISHMENT_OR_MAINTENANCE_OF_BIPOLAR_CELL_POLARITY, GOBP_ESTABLISHMENT_OR_MAINTENANCE_OF_BIPOLAR_CELL_POLARITY
                                                                                                                                             GOBP_HEPARIN_METABOLIC_PROCESS, GOBP_HEPARIN_METABOLIC_PROCESS
                                                                                                                                             COWLING_MYCN_TARGETS, COWLING_MYCN_TARGETS
                                                                                                                                             HP_OPTIC_DISC_DRUSEN, HP_OPTIC_DISC_DRUSEN
                                                                                                                                             GOBP_PHENYLPROPANOID_METABOLIC_PROCESS, GOBP_PHENYLPROPANOID_METABOLIC_PROCESS
                                                                                                                                            KEGG_CIRCADIAN_RHYTHM_MAMMAL, KEGG_CIRCADIAN_RHYTHM_MAMMAL
                                                                                                                                             REACTOME_ACTIVATED_NOTCH1_TRANSMITS_SIGNAL_TO_THE_NUCLEUS, REACTOME_ACTIVATED_NOTCH1_TRANSMITS_SIGNAL_TO_THE_NUCLEUS
                                                                                                                                             GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_LIGHTYELLOW_UP, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_LIGHTYELLOW_UP
                                                                                                                                             HP SHIELD CHEST, HP SHIELD CHEST
                                                                                                                                             HP_HYPOPLASIA_OF_THE_VAGINA, HP_HYPOPLASIA_OF_THE_VAGINA
                                                                                                                                             MORF_RBM8A, MORF_RBM8A
                                                                                                                                             PARK_OSTEOBLAST_DIFFERENTIATION_BY_PHENYLAMIL_UP, PARK_OSTEOBLAST_DIFFERENTIATION_BY_PHENYLAMIL_UP
                                                                                                                                             HP_ABNORMALITY_OF_THE_PINEAL_GLAND, HP_ABNORMALITY_OF_THE_PINEAL_GLAND
                                                                                                                                             GOBP_GLYCINE_TRANSPORT, GOBP_GLYCINE_TRANSPORT
                                                                                                                                             GOBP_SYNCYTIUM_FORMATION, GOBP_SYNCYTIUM_FORMATION
                                                                                                                                             SARTIPY NORMAL AT INSULIN RESISTANCE DN, SARTIPY NORMAL AT INSULIN RESISTANCE DN
                                                                                                                                             REACTOME_SIGNALING_BY_FLT3_ITD_AND_TKD_MUTANTS, REACTOME_SIGNALING_BY_FLT3_ITD_AND_TKD_MUTANTS
                                                                                                                                             PID_HDAC_CLASSIII_PATHWAY, PID_HDAC_CLASSIII_PATHWAY
                                                                                                                                             GOBP POSITIVE REGULATION OF CARDIAC MUSCLE CONTRACTION, GOBP POSITIVE REGULATION OF CARDIAC MUSCLE CONTRACTION
                                                                                                                                             GOBP_PROTEIN_KINASE_C_SIGNALING, GOBP_PROTEIN_KINASE_C_SIGNALING
                                                                                                                                             HP_ACCELERATED_ATHEROSCLEROSIS, HP_ACCELERATED_ATHEROSCLEROSIS
                                                                                                                                             HP_TRUNCAL_TITUBATION, HP_TRUNCAL_TITUBATION
                                                                                                                                             GOBP REGULATION OF POSTSYNAPTIC NEUROTRANSMITTER RECEPTOR INTERNALIZATION, GOBP REGULATION OF POSTSYNAPTIC NEUROTRANSMITTER RECEPTOR INTERNALIZATION
                                                                                                                                             VANLOO_SP3_TARGETS_UP, VANLOO_SP3_TARGETS_UP
                                                                                                                                             GOMF_XENOBIOTIC_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_XENOBIOTIC_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
                                                                                                                                             GOBP RADIAL GLIAL CELL DIFFERENTIATION, GOBP RADIAL GLIAL CELL DIFFERENTIATION
                                                                                                                                             WP_AMPLIFICATION_AND_EXPANSION_OF_ONCOGENIC_PATHWAYS_AS_METASTATIC_TRAITS, WP_AMPLIFICATION_AND_EXPANSION_OF_ONCOGENIC_PATHWAYS_AS_METASTATIC_TRAITS
                                                                                                                                            REACTOME_BIOSYNTHESIS_OF_MARESINS, REACTOME_BIOSYNTHESIS_OF_MARESINS
                                                                                                                                             HP_ABNORMAL_CELL_MORPHOLOGY, HP_ABNORMAL_CELL_MORPHOLOGY
                                                                                                                                             GOBP_ADAPTATION_OF_SIGNALING_PATHWAY, GOBP_ADAPTATION_OF_SIGNALING_PATHWAY
                                                                                                                                             GOMF_ARRESTIN_FAMILY_PROTEIN_BINDING, GOMF_ARRESTIN_FAMILY_PROTEIN_BINDING
                                                                                                                                             GOMF_ASPARTIC_ENDOPEPTIDASE_ACTIVITY_INTRAMEMBRANE_CLEAVING, GOMF_ASPARTIC_ENDOPEPTIDASE_ACTIVITY_INTRAMEMBRANE_CLEAVING
                                                                                                                                             STAMBOLSKY_RESPONSE_TO_VITAMIN_D3_DN, STAMBOLSKY_RESPONSE_TO_VITAMIN_D3_DN
                                                                                                                                             GOBP_DIACYLGLYCEROL_METABOLIC_PROCESS, GOBP_DIACYLGLYCEROL_METABOLIC_PROCESS
                                                                                                                                             REACTOME_CYP2E1_REACTIONS, REACTOME_CYP2E1_REACTIONS
                                                                                                                                             HP_UNILATERAL_CLEFT_PALATE, HP_UNILATERAL_CLEFT_PALATE
                                                                                                                                             GOBP_NEGATIVE_REGULATION_OF_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY, GOBP_NEGATIVE_REGULATION_OF_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY
                                                                                                                                             GOBP_NEGATIVE_REGULATION_OF_OSSIFICATION, GOBP_NEGATIVE_REGULATION_OF_OSSIFICATION
                                                                                                                                             WP_LNCRNA_INVOLVEMENT_IN_CANONICAL_WNT_SIGNALING_AND_COLORECTAL_CANCER, WP_LNCRNA_INVOLVEMENT_IN_CANONICAL_WNT_SIGNALING_AND_COLORECTAL_CANCER
                                                                                                                                             GOBP_REGULATION_OF_ACTIVATION_OF_JANUS_KINASE_ACTIVITY, GOBP_REGULATION_OF_ACTIVATION_OF_JANUS_KINASE_ACTIVITY
                                                                                                                                             HP_PALATE_FISTULA, HP_PALATE_FISTULA
                                                                                                                                             GOCC_G_PROTEIN_COUPLED_RECEPTOR_COMPLEX, GOCC_G_PROTEIN_COUPLED_RECEPTOR_COMPLEX
                                                                                                                                             HP_UNILATERAL_CRYPTORCHIDISM, HP_UNILATERAL_CRYPTORCHIDISM
                                                                                                                                             GOBP_AMINOPHOSPHOLIPID_TRANSLOCATION, GOBP_AMINOPHOSPHOLIPID_TRANSLOCATION
                                                                                                                                             GOCC_SMOOTH_ENDOPLASMIC_RETICULUM_MEMBRANE, GOCC_SMOOTH_ENDOPLASMIC_RETICULUM_MEMBRANE
                                                                                                                                             GOMF_AMINOPHOSPHOLIPID_FLIPPASE_ACTIVITY, GOMF_AMINOPHOSPHOLIPID_FLIPPASE_ACTIVITY
                                                                                                                                             GOBP NEGATIVE REGULATION OF AMINO ACID TRANSPORT, GOBP NEGATIVE REGULATION OF AMINO ACID TRANSPORT
                                                                                                                                             GOMF_ESTROGEN_RECEPTOR_ACTIVITY, GOMF_ESTROGEN_RECEPTOR_ACTIVITY
                                                                                                                                             MIR105 3P, MIR105 3P
                                                                                                                                             YORDY_RECIPROCAL_REGULATION_BY_ETS1_AND_SP100_UP, YORDY_RECIPROCAL_REGULATION_BY_ETS1_AND_SP100_UP
                                                                                                                                             KORKOLA_CHORIOCARCINOMA_DN, KORKOLA_CHORIOCARCINOMA_DN
                                                                                                                                             GOBP_G_PROTEIN_COUPLED_RECEPTOR_INTERNALIZATION, GOBP_G_PROTEIN_COUPLED_RECEPTOR_INTERNALIZATION
                                                                                                                                             HP_TRICUSPID_VALVE_PROLAPSE, HP_TRICUSPID_VALVE_PROLAPSE
                                                                                                                                             HP_PEG_SHAPED_MAXILLARY_LATERAL_INCISORS, HP_PEG_SHAPED_MAXILLARY_LATERAL_INCISORS
                                                                                                                                             GOCC_INTEGRAL_COMPONENT_OF_CYTOPLASMIC_SIDE_OF_ENDOPLASMIC_RETICULUM_MEMBRANE, GOCC_INTEGRAL_COMPONENT_OF_CYTOPLASMIC_SIDE_OF_ENDOPLASMIC_RETICULUM_MEMBRANE
                                                                                                                                            GOBP_APOPTOTIC_PROCESS_IN_BONE_MARROW_CELL, GOBP_APOPTOTIC_PROCESS_IN_BONE_MARROW_CELL
                                                                                                                                             HP ABNORMALITY OF THE EUSTACHIAN TUBE, HP ABNORMALITY OF THE EUSTACHIAN TUBE
                                                                                                                                            GOCC_CALCITONIN_FAMILY_RECEPTOR_COMPLEX, GOCC_CALCITONIN_FAMILY_RECEPTOR_COMPLEX
                                                                                                                                             GOBP_NEGATIVE_REGULATION_OF_IRE1_MEDIATED_UNFOLDED_PROTEIN_RESPONSE, GOBP_NEGATIVE_REGULATION_OF_IRE1_MEDIATED_UNFOLDED_PROTEIN_RESPONSE
                                                                                                                                             REACTOME_GDP_FUCOSE_BIOSYNTHESIS, REACTOME_GDP_FUCOSE_BIOSYNTHESIS
                                                                                                                                             GOBP_NEGATIVE_REGULATION_OF_INTERLEUKIN_5_PRODUCTION, GOBP_NEGATIVE_REGULATION_OF_INTERLEUKIN_5_PRODUCTION
                                                                                                                                             HARALAMBIEVA_PBMC_FLUARIX_AGE_50_74YO_CORR_WITH_28D_MEM_B_CELL_RESPONSE_AT_28DY_LATE_GENE_EXPR_INDIVID_GENE_MODELS_PRED_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_PIANC_
                                                                                                                                             REACTOME_ACTIVATION_OF_THE_PHOTOTRANSDUCTION_CASCADE, REACTOME_ACTIVATION_OF_THE_PHOTOTRANSDUCTION_CASCADE
                                                                                                                                             WP_NCRNAS_INVOLVED_IN_WNT_SIGNALING_IN_HEPATOCELLULAR_CARCINOMA, WP_NCRNAS_INVOLVED_IN_WNT_SIGNALING_IN_HEPATOCELLULAR_CARCINOMA
                                                                                                                                             HP_CHORIORETINAL_ATROPHY, HP_CHORIORETINAL_ATROPHY
                                                                                                                                             GOBP_ALKALOID_METABOLIC_PROCESS, GOBP_ALKALOID_METABOLIC_PROCESS
                                                                                                                                             STREICHER_LSM1_TARGETS_DN, STREICHER_LSM1_TARGETS_DN
                                                                                                                                             MIR7704, MIR7704
                                                                                                                                             HP_INTERVERTEBRAL_SPACE_NARROWING, HP_INTERVERTEBRAL_SPACE_NARROWING
                                                                                                                                             HP_PREGNANCY_EXPOSURE, HP_PREGNANCY_EXPOSURE
                                                                                                                                             GOBP MONOTERPENOID METABOLIC PROCESS, GOBP MONOTERPENOID METABOLIC PROCESS
                                                                                                                                             MIR9899, MIR9899
                                                                                                                                             MIR1295B 3P, MIR1295B 3P
                                                                                                                                             GOBP_REGULATION_OF_SMOOTH_MUSCLE_CONTRACTION, GOBP_REGULATION_OF_SMOOTH_MUSCLE_CONTRACTION
                                                                                                                                             DESCARTES_MAIN_FETAL_SQUAMOUS_EPITHELIAL_CELLS, DESCARTES_MAIN_FETAL_SQUAMOUS_EPITHELIAL_CELLS
                                                                                                                                             NADELLA_PRKAR1A_TARGETS_DN, NADELLA_PRKAR1A_TARGETS_DN
                                                                                                                                             GOBP ANTIGEN PROCESSING AND PRESENTATION OF LIPID ANTIGEN VIA MHC CLASS IB, GOBP ANTIGEN PROCESSING AND PRESENTATION OF LIPID ANTIGEN VIA MHC CLASS IB
                                                                                                                                             GOBP_INTERLEUKIN_5_PRODUCTION, GOBP_INTERLEUKIN_5_PRODUCTION
                                                                                                                                             HP RESTRICTIVE CARDIOMYOPATHY, HP RESTRICTIVE CARDIOMYOPATHY
                                                                                                                                             GOBP_PHOTOTRANSDUCTION, GOBP_PHOTOTRANSDUCTION
                                                                                                                                             BIOCARTA_RHODOPSIN_PATHWAY, BIOCARTA_RHODOPSIN_PATHWAY
                                                                                                                                             WU_ALZHEIMER_DISEASE_UP, WU_ALZHEIMER_DISEASE_UP
                                                                                                                                            chr10p13, chr10p13
                                                                                                                                             GOBP_NEGATIVE_REGULATION_OF_CHONDROCYTE_PROLIFERATION, GOBP_NEGATIVE_REGULATION_OF_CHONDROCYTE_PROLIFERATION
                                                                                                                                             GOMF_OPSIN_BINDING, GOMF_OPSIN_BINDING
                                                                                                                                             FIGUEROA_AML_METHYLATION_CLUSTER_7_DN, FIGUEROA_AML_METHYLATION_CLUSTER_7_DN
                                                                                                                                             HP_SUPERNUMERARY_MAXILLARY_INCISOR, HP_SUPERNUMERARY_MAXILLARY_INCISOR
                                                                                                                                             GOBP_NEGATIVE_REGULATION_OF_SEQUESTERING_OF_TRIGLYCERIDE, GOBP_NEGATIVE_REGULATION_OF_SEQUESTERING_OF_TRIGLYCERIDE
                                                                                                                                             GOBP_CILIARY_NEUROTROPHIC_FACTOR_MEDIATED_SIGNALING_PATHWAY, GOBP_CILIARY_NEUROTROPHIC_FACTOR_MEDIATED_SIGNALING_PATHWAY
                                                                                                                                             GOMF_CYSTEINE_TYPE_EXOPEPTIDASE_ACTIVITY, GOMF_CYSTEINE_TYPE_EXOPEPTIDASE_ACTIVITY
                                                                                                                                             HP CONGENITAL PTOSIS, HP CONGENITAL PTOSIS
                                                                                                                                             GOBP ANTIGEN PROCESSING AND PRESENTATION ENDOGENOUS LIPID ANTIGEN VIA MHC CLASS IB, GOBP ANTIGEN PROCESSING AND PRESENTATION ENDOGENOUS LIPID ANTIGEN VIA MHC CLASS IB
                                                                                                                                             GOMF_LIPID_ANTIGEN_BINDING, GOMF_LIPID_ANTIGEN_BINDING
                                                                                                                                             GOMF_INOSITOL 1_3_4_5_TETRAKISPHOSPHATE 5_PHOSPHATASE_ACTIVITY, GOMF_INOSITOL 1_3_4_5_TETRAKISPHOSPHATE 5_PHOSPHATASE_ACTIVITY
                                                                                                                                             GOMF_PHOSPHATIDYLSERINE_FLIPPASE_ACTIVITY, GOMF_PHOSPHATIDYLSERINE_FLIPPASE_ACTIVITY
                                                                                                                                             REACTOME_HYALURONAN_BIOSYNTHESIS_AND_EXPORT, REACTOME_HYALURONAN_BIOSYNTHESIS_AND_EXPORT
                                                                                                                                             HP RIGHT VENTRICULAR CARDIOMYOPATHY, HP RIGHT VENTRICULAR CARDIOMYOPATHY
                                                                                                                                             chr2p24, chr2p24
                                                                                                                                             REACTOME_BIOSYNTHESIS_OF_MARESIN_LIKE_SPMS, REACTOME_BIOSYNTHESIS_OF_MARESIN_LIKE_SPMS
                                                                                                                                             GOBP_TRANSMEMBRANE_RECEPTOR_PROTEIN_TYROSINE_PHOSPHATASE_SIGNALING_PATHWAY, GOBP_TRANSMEMBRANE_RECEPTOR_PROTEIN_TYROSINE_PHOSPHATASE_SIGNALING_PATHWAY
                                                                                                                                             GOBP_BONE_MINERALIZATION_INVOLVED_IN_BONE_MATURATION, GOBP_BONE_MINERALIZATION_INVOLVED_IN_BONE_MATURATION
                                                                                                                                             GOBP_POSITIVE_REGULATION_OF_ACTIVATION_OF_JANUS_KINASE_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_ACTIVATION_OF_JANUS_KINASE_ACTIVITY
                                                                                                                                             ZNF416_TARGET_GENES, ZNF416_TARGET_GENES
                                                                                                                                             GOMF_CILIARY_NEUROTROPHIC_FACTOR_RECEPTOR_ACTIVITY, GOMF_CILIARY_NEUROTROPHIC_FACTOR_RECEPTOR_ACTIVITY
                                                                                                                                             DESCARTES_MAIN_FETAL_RETINAL_PROGENITORS_AND_MULLER_GLIA, DESCARTES_MAIN_FETAL_RETINAL_PROGENITORS_AND_MULLER_GLIA
                                                                                                                                             HP_HEMERALOPIA, HP_HEMERALOPIA
                                                                                                                                             PID RHODOPSIN PATHWAY, PID RHODOPSIN PATHWAY
```

GSE41867_NAIVE_VS_DAY6_LCMV_EFFECTOR_CD8_TCELL_DN, GSE41867_NAIVE_VS_DAY6_LCMV_EFFECTOR_CD8_TCELL_DN

GSE41867_NAIVE_VS_DAY15_LCMV_EFFECTOR_CD8_TCELL_DN, GSE41867_NAIVE_VS_DAY15_LCMV_EFFECTOR_CD8_TCELL_DN

GSE43863_NAIVE_VS_MEMORY_TFH_CD4_TCELL_D150_LCMV_UP, GSE43863_NAIVE_VS_MEMORY_TFH_CD4_TCELL_D150_LCMV_UP

GSE28726_ACT_CD4_TCELL_VS_ACT_VA24NEG_NKTCELL_DN, GSE28726_ACT_CD4_TCELL_VS_ACT_VA24NEG_NKTCELL_DN

GSE7460_FOXP3_MUT_VS_WT_ACT_WITH_TGFB_TCONV_DN, GSE7460_FOXP3_MUT_VS_WT_ACT_WITH_TGFB_TCONV_DN

GSE5679_CTRL_VS_RARA_AGONIST_AM580_TREATED_DC_DN, GSE5679_CTRL_VS_RARA_AGONIST_AM580_TREATED_DC_DN

GSE22601_DOUBLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_UP, GSE22601_DOUBLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_UP

GSE5679_CTRL_VS_PPARG_LIGAND_ROSIGLITAZONE_TREATED_DC_DN, GSE5679_CTRL_VS_PPARG_LIGAND_ROSIGLITAZONE_TREATED_DC_DN

GSE43863_DAY6_EFF_VS_DAY150_MEM_LY6C_INT_CXCR5POS_CD4_TCELL_DN, GSE43863_DAY6_EFF_VS_DAY150_MEM_LY6C_INT_CXCR5POS_CD4_TCELL_DN

GSE16450_IMMATURE_VS_MATURE_NEURON_CELL_LINE_12H_IFNA_STIM_UP, GSE16450_IMMATURE_VS_MATURE_NEURON_CELL_LINE_12H_IFNA_STIM_UP

GSE40274_XBP1_VS_FOXP3_AND_XBP1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_XBP1_VS_FOXP3_AND_XBP1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP

GSE369_IFNG_KO_VS_WT_LIVER_UP, GSE369_IFNG_KO_VS_WT_LIVER_UP

ZHENG_FOXP3_TARGETS_IN_THYMUS_UP, ZHENG_FOXP3_TARGETS_IN_THYMUS_UP

GSE3039_CD4_TCELL_VS_NKT_CELL_UP, GSE3039_CD4_TCELL_VS_NKT_CELL_UP