```
GSE16522_ANTI_CD3CD28_STIM_VS_UNSTIM_NAIVE_CD8_TCELL_DN, GSE16522_ANTI_CD3CD28_STIM_VS_UNSTIM_NAIVE_CD8_TCELL_DN
                                                                                                      GSE13484_UNSTIM_VS_12H_YF17D_VACCINE_STIM_PBMC_UP, GSE13484_UNSTIM_VS_12H_YF17D_VACCINE_STIM_PBMC_UP
                                                                                                      GSE6269_HEALTHY_VS_E_COLI_INF_PBMC_UP, GSE6269_HEALTHY_VS_E_COLI_INF_PBMC_UP
                                                                                                      GSE3720 UNSTIM VS PMA STIM VD1 GAMMADELTA TCELL UP, GSE3720 UNSTIM VS PMA STIM VD1 GAMMADELTA TCELL UP
                                                                                                      GSE3982_EFF_MEMORY_CD4_TCELL_VS_TH2_DN, GSE3982_EFF_MEMORY_CD4_TCELL_VS_TH2_DN
                                                                                                      GSE24574_BCL6_HIGH_TFH_VS_TFH_CD4_TCELL_DN, GSE24574_BCL6_HIGH_TFH_VS_TFH_CD4_TCELL_DN
                                                                                                      GSE17974_0H_VS_24H_IN_VITRO_ACT_CD4_TCELL_DN, GSE17974_0H_VS_24H_IN_VITRO_ACT_CD4_TCELL_DN
                                                                                                      GSE25088_CTRL_VS_ROSIGLITAZONE_STIM_STAT6_KO_MACROPHAGE_DN, GSE25088_CTRL_VS_ROSIGLITAZONE_STIM_STAT6_KO_MACROPHAGE_DN
                                                                                                      GSE369_PRE_VS_POST_IL6_INJECTION_SOCS3_KO_LIVER_DN, GSE369_PRE_VS_POST_IL6_INJECTION_SOCS3_KO_LIVER_DN
                                                                                                      GSE9006_TYPE_1_DIABETES_AT_DX_VS_4MONTH_POST_DX_PBMC_UP, GSE9006_TYPE_1_DIABETES_AT_DX_VS_4MONTH_POST_DX_PBMC_UP
                                                                                                      GSE16385_MONOCYTE_VS_12H_IL4_TREATED_MACROPHAGE_DN, GSE16385_MONOCYTE_VS_12H_IL4_TREATED_MACROPHAGE_DN
                                                                                                      GSE21670_UNTREATED_VS_TGFB_IL6_TREATED_STAT3_KO_CD4_TCELL_DN, GSE21670_UNTREATED_VS_TGFB_IL6_TREATED_STAT3_KO_CD4_TCELL_DN
                                                                                                      GSE7509_UNSTIM_VS_TNFA_IL1B_IL6_PGE_STIM_DC_UP, GSE7509_UNSTIM_VS_TNFA_IL1B_IL6_PGE_STIM_DC_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
                                                                                                      GSE42088_UNINF_VS_LEISHMANIA_INF_DC_2H_DN, GSE42088_UNINF_VS_LEISHMANIA_INF_DC_2H_DN
                                                                                                      GSE39820_TGFBETA1_IL6_VS_TGFBETA1_IL6_IL23A_TREATED_CD4_TCELL_DN, GSE39820_TGFBETA1_IL6_VS_TGFBETA1_IL6_IL23A_TREATED_CD4_TCELL_DN
                                                                                                      GSE42088_UNINF_VS_LEISHMANIA_INF_DC_24H_UP, GSE42088_UNINF_VS_LEISHMANIA_INF_DC_24H_UP
                                                                                                      GSE21670_TGFB_VS_TGFB_AND_IL6_TREATED_STAT3_KO_CD4_TCELL_DN, GSE21670_TGFB_VS_TGFB_AND_IL6_TREATED_STAT3_KO_CD4_TCELL_DN
                                                                                                      GSE29618_MONOCYTE_VS_MDC_DAY7_FLU_VACCINE_DN, GSE29618_MONOCYTE_VS_MDC_DAY7_FLU_VACCINE_DN
                                                                                                      GSE28726_ACT_CD4_TCELL_VS_ACT_NKTCELL_DN, GSE28726_ACT_CD4_TCELL_VS_ACT_NKTCELL_DN
                                                                                                      GSE2770 IL4 ACT VS ACT CD4 TCELL 6H UP, GSE2770 IL4 ACT VS ACT CD4 TCELL 6H UP
                                                                                                      GSE20500_CTRL_VS_RARA_ANTAGONIST_TREATED_CD4_TCELL_UP, GSE20500_CTRL_VS_RARA_ANTAGONIST_TREATED_CD4_TCELL_UP
                                                                                                      GSE13547_CTRL_VS_ANTI_IGM_STIM_ZFX_KO_BCELL_2H_UP, GSE13547_CTRL_VS_ANTI_IGM_STIM_ZFX_KO_BCELL_2H_UP
                                                                                                      GSE25123_CTRL_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_UP, GSE25123_CTRL_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_UP
                                                                                                      GSE28726_ACT_CD4_TCELL_VS_ACT_VA24NEG_NKTCELL_DN, GSE28726_ACT_CD4_TCELL_VS_ACT_VA24NEG_NKTCELL_DN
                                                                                                      GSE17721_0.5H_VS_24H_GARDIQUIMOD_BMDC_UP, GSE17721_0.5H_VS_24H_GARDIQUIMOD_BMDC_UP
                                                                                                      GSE16266_CTRL_VS_HEATSHOCK_AND_LPS_STIM_MEF_DN, GSE16266_CTRL_VS_HEATSHOCK_AND_LPS_STIM_MEF_DN
                                                                                                      GSE22589_HEALTHY_VS_SIV_INFECTED_DC_UP, GSE22589_HEALTHY_VS_SIV_INFECTED_DC_UP
                                                                                                      GSE12845_IGD_POS_BLOOD_VS_PRE_GC_TONSIL_BCELL_DN, GSE12845_IGD_POS_BLOOD_VS_PRE_GC_TONSIL_BCELL_DN
                                                                                                      GSE23568_CTRL_VS_ID3_TRANSDUCED_CD8_TCELL_UP, GSE23568_CTRL_VS_ID3_TRANSDUCED_CD8_TCELL_UP
                                                                                                      QI_PBMC_ZOSTAVAX_AGE_50_75YO_CORRELATED_WITH_CONTRACTION_OF_VZV_SPECIFIC_T_CELLS_PEAK_TO_28DYAT_1DY_NEGATIVE, QI_PBMC_ZOSTAVAX_AGE_50_75YO_CORRELATED_WITH_CONTRACTION_OF_VZV_SPECIFIC_T_CELLS_PEAK_TO_28DYAT_1DY_NEGATIVE.
                                                                                                      GSE9601_UNTREATED_VS_PI3K_INHIBITOR_TREATED_HCMV_INF_MONOCYTE_UP, GSE9601_UNTREATED_VS_PI3K_INHIBITOR_TREATED_HCMV_INF_MONOCYTE_UP
                                                                                                      GSE16450_CTRL_VS_IFNA_6H_STIM_MATURE_NEURON_CELL_LINE_DN, GSE16450_CTRL_VS_IFNA_6H_STIM_MATURE_NEURON_CELL_LINE_DN
                                                                                                      GSE16385 MONOCYTE VS 12H ROSIGLITAZONE IL4 TREATED MACROPHAGE DN, GSE16385 MONOCYTE VS 12H ROSIGLITAZONE IL4 TREATED MACROPHAGE DN
                                                                                                      GSE21380 TFH_VS_GERMINAL_CENTER_TFH_CD4_TCELL_DN, GSE21380_TFH_VS_GERMINAL_CENTER_TFH_CD4_TCELL_DN
                                                                                                      GSE41176_WT_VS_TAK1_KO_ANTI_IGM_STIM_BCELL_24H_UP, GSE41176_WT_VS_TAK1_KO_ANTI_IGM_STIM_BCELL_24H_UP
                                                                                                      GSE8921_UNSTIM_VS_TLR1_2_STIM_MONOCYTE_24H_DN, GSE8921_UNSTIM_VS_TLR1_2_STIM_MONOCYTE_24H_DN
                                                                                                      GSE36826_NORMAL_VS_STAPH_AUREUS_INF_SKIN_UP, GSE36826_NORMAL_VS_STAPH_AUREUS_INF_SKIN_UP
                                                                                                      GSE17721_0.5H_VS_24H_LPS_BMDC_UP, GSE17721_0.5H_VS_24H_LPS_BMDC_UP
                                                                                                      GSE10273_HIGH_IL7_VS_HIGH_IL7_AND_IRF4_IN_IRF4_8_NULL_PRE_BCELL_DN, GSE10273_HIGH_IL7_VS_HIGH_IL7_AND_IRF4_IN_IRF4_8_NULL_PRE_BCELL_DN
                                                                                                      GSE7831_UNSTIM_VS_CPG_STIM_PDC_1H_UP, GSE7831_UNSTIM_VS_CPG_STIM_PDC_1H_UP
                                                                                                      GSE25846_IL10_POS_VS_NEG_CD8_TCELL_DAY7_POST_CORONAVIRUS_BRAIN_DN, GSE25846_IL10_POS_VS_NEG_CD8_TCELL_DAY7_POST_CORONAVIRUS_BRAIN_DN
                                                                                                      GSE21670_UNTREATED_VS_IL6_TREATED_CD4_TCELL_DN, GSE21670_UNTREATED_VS_IL6_TREATED_CD4_TCELL_DN
                                                                                                      GSE17721 LPS VS POLYIC 4H BMDC DN, GSE17721 LPS VS POLYIC 4H BMDC DN
                                                                                                      GSE360 T GONDII VS B MALAYI LOW DOSE MAC DN, GSE360 T GONDII VS B MALAYI LOW DOSE MAC DN
                                                                                                      GSE15330 WT VS IKAROS KO LYMPHOID MULTIPOTENT PROGENITOR DN. GSE15330 WT VS IKAROS KO LYMPHOID MULTIPOTENT PROGENITOR DN
                                                                                                      GSE10273_LOW_IL7_VS_HIGH_IL7_AND_IRF4_IN_IRF4_8_NULL_PRE_BCELL_DN, GSE10273_LOW_IL7_VS_HIGH_IL7_AND_IRF4_IN_IRF4_8_NULL_PRE_BCELL_DN
                                                                                                      GSE557_WT_VS_CIITA_KO_DC_UP, GSE557_WT_VS_CIITA_KO_DC_UP
                                                                                                      GSE3720_UNSTIM_VS_PMA_STIM_VD2_GAMMADELTA_TCELL_UP, GSE3720_UNSTIM_VS_PMA_STIM_VD2_GAMMADELTA_TCELL_UP
                                                                                                      GSE12366_PLASMA_CELL_VS_NAIVE_BCELL_DN, GSE12366_PLASMA_CELL_VS_NAIVE_BCELL_DN
                                                                                                      GSE39820_TGFBETA1_VS_TGFBETA3_IN_IL6_TREATED_CD4_TCELL_DN, GSE39820_TGFBETA1_VS_TGFBETA3_IN_IL6_TREATED_CD4_TCELL_DN
                                                                                                      GSE17721_0.5H_VS_4H_GARDIQUIMOD_BMDC_UP, GSE17721_0.5H_VS_4H_GARDIQUIMOD_BMDC_UP
                                                                                                      GSE23321_CENTRAL_VS_EFFECTOR_MEMORY_CD8_TCELL_DN, GSE23321_CENTRAL_VS_EFFECTOR_MEMORY_CD8_TCELL_DN
                                                                                                      GSE26030_UNSTIM_VS_RESTIM_TH1_DAY15_POST_POLARIZATION_DN, GSE26030_UNSTIM_VS_RESTIM_TH1_DAY15_POST_POLARIZATION_DN
                                                                                                      GSE22886_TCELL_VS_BCELL_NAIVE_UP, GSE22886_TCELL_VS_BCELL_NAIVE_UP
                                                                                                      GSE2770_TGFB_AND_IL4_VS_IL4_TREATED_ACT_CD4_TCELL_48H_DN, GSE2770_TGFB_AND_IL4_VS_IL4_TREATED_ACT_CD4_TCELL_48H_DN
                                                                                                      GSE22886_NAIVE_CD4_TCELL_VS_12H_ACT_TH1_UP, GSE22886_NAIVE_CD4_TCELL_VS_12H_ACT_TH1_UP
                                                                                                      KAECH_DAY15_EFF_VS_MEMORY_CD8_TCELL_DN, KAECH_DAY15_EFF_VS_MEMORY_CD8_TCELL_DN
                                                                                                      GSE22886_NAIVE_TCELL_VS_NKCELL_UP, GSE22886_NAIVE_TCELL_VS_NKCELL_UP
                                                                                                      GSE5589_UNSTIM_VS_45MIN_LPS_STIM_MACROPHAGE_DN, GSE5589_UNSTIM_VS_45MIN_LPS_STIM_MACROPHAGE_DN
                                                                                                      GSE37301_MULTIPOTENT_PROGENITOR_VS_COMMON_LYMPHOID_PROGENITOR_UP, GSE37301_MULTIPOTENT_PROGENITOR_VS_COMMON_LYMPHOID_PROGENITOR_UP
                                                                                                      GSE3982_NEUTROPHIL_VS_CENT_MEMORY_CD4_TCELL_DN, GSE3982_NEUTROPHIL_VS_CENT_MEMORY_CD4_TCELL_DN
                                                                                                      GSE19888_ADENOSINE_A3R_INH_PRETREAT_AND_ACT_BY_A3R_VS_TCELL_MEMBRANES_ACT_MAST_CELL_DN, GSE19888_ADENOSINE_A3R_INH_PRETREAT_AND_ACT_BY_A3R_VS_TCELL_MEMBRANES_ACT_MAST_CELL_DN
                                                                                                      GSE45365_WT_VS_IFNAR_KO_CD8A_DC_MCMV_INFECTION_UP, GSE45365_WT_VS_IFNAR_KO_CD8A_DC_MCMV_INFECTION_UP
                                                                                                      GSE16522 MEMORY_VS_NAIVE_CD8_TCELL_UP, GSE16522 MEMORY_VS_NAIVE_CD8_TCELL_UP
                                                                                                      GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_PDC_DN, GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_PDC_DN
                                                                                                      GSE5589_WT_VS_IL10_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_DN, GSE5589_WT_VS_IL10_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_DN
                                                                                                      GSE17721_CTRL_VS_GARDIQUIMOD_24H_BMDC_DN, GSE17721_CTRL_VS_GARDIQUIMOD_24H_BMDC_DN
                                                                                                      GSE42088_2H_VS_24H_LEISHMANIA_INF_DC_UP, GSE42088_2H_VS_24H_LEISHMANIA_INF_DC_UP
                                                                                                      GSE3565_DUSP1_VS_WT_SPLENOCYTES_DN, GSE3565_DUSP1_VS_WT_SPLENOCYTES_DN
                                                                                                      GSE34006_UNTREATED_VS_A2AR_AGONIST_TREATED_TREG_DN, GSE34006_UNTREATED_VS_A2AR_AGONIST_TREATED_TREG_DN
                                                                                                      GSE3039_ALPHAALPHA_CD8_TCELL_VS_B2_BCELL_UP, GSE3039_ALPHAALPHA_CD8_TCELL_VS_B2_BCELL_UP
                                                                                                      GSE6259 DEC205 POS DC VS CD8 TCELL UP, GSE6259 DEC205 POS DC VS CD8 TCELL UP
                                                                                                      GSE23308_WT_VS_MINERALCORTICOID_REC_KO_MACROPHAGE_CORTICOSTERONE_TREATED_UP, GSE23308_WT_VS_MINERALCORTICOID_REC_KO_MACROPHAGE_CORTICOSTERONE_TREATED_UP
                                                                                                      GSE17721_0.5H_VS_4H_PAM3CSK4_BMDC_UP, GSE17721_0.5H_VS_4H_PAM3CSK4_BMDC_UP
                                                                                                      GSE19401_UNSTIM_VS_RETINOIC_ACID_STIM_FOLLICULAR_DC_DN, GSE19401_UNSTIM_VS_RETINOIC_ACID_STIM_FOLLICULAR_DC_DN
                                                                                                      GSE22611 NOD2 VS MUTANT NOD2 TRANSDUCED HEK293T CELL UP, GSE22611 NOD2 VS MUTANT NOD2 TRANSDUCED HEK293T CELL UP
                                                                                                      GSE22886_NAIVE_TCELL_VS_DC_UP, GSE22886_NAIVE_TCELL_VS_DC_UP
                                                                                                      GSE34205_HEALTHY_VS_RSV_INF_INFANT_PBMC_UP, GSE34205_HEALTHY_VS_RSV_INF_INFANT_PBMC_UP
                                                                                                      GSE360_CTRL_VS_T_GONDII_MAC_UP, GSE360_CTRL_VS_T_GONDII_MAC_UP
                                                                                                      GSE18281_SUBCAPSULAR_CORTICAL_REGION_VS_WHOLE_MEDULLA_THYMUS_UP, GSE18281_SUBCAPSULAR_CORTICAL_REGION_VS_WHOLE_MEDULLA_THYMUS_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
                                                                                                      GSE16385 UNTREATED VS 12H ROSIGLITAZONE IL4 TREATED MACROPHAGE UP, GSE16385 UNTREATED VS 12H ROSIGLITAZONE IL4 TREATED MACROPHAGE UP
                                                                                                      GSE22886 IGM MEMORY BCELL VS BM PLASMA CELL UP, GSE22886 IGM MEMORY BCELL VS BM PLASMA CELL UP
                                                                                                      GSE18804_SPLEEN_MACROPHAGE_VS_COLON_TUMORAL_MACROPHAGE_UP, GSE18804_SPLEEN_MACROPHAGE_VS_COLON_TUMORAL_MACROPHAGE_UP
                                                                                                      GSE42088 UNINF VS LEISHMANIA INF DC 4H DN, GSE42088 UNINF VS LEISHMANIA INF DC 4H DN
                                                                                                      GSE360_HIGH_VS_LOW_DOSE_B_MALAYI_MAC_DN, GSE360_HIGH_VS_LOW_DOSE_B_MALAYI_MAC_DN
                                                                                                      GSE12845_PRE_GC_VS_DARKZONE_GC_TONSIL_BCELL_UP, GSE12845_PRE_GC_VS_DARKZONE_GC_TONSIL_BCELL_UP
                                                                                                      GSE17186_BLOOD_VS_CORD_BLOOD_NAIVE_BCELL_DN, GSE17186_BLOOD_VS_CORD_BLOOD_NAIVE_BCELL_DN
                                                                                                      GSE29618 MONOCYTE VS PDC DAY7 FLU VACCINE DN, GSE29618 MONOCYTE VS PDC DAY7 FLU VACCINE DN
                                                                                                      GSE3982_MAST_CELL_VS_TH2_DN, GSE3982_MAST_CELL_VS_TH2_DN
                                                                                                      GSE28726_NAIVE_CD4_TCELL_VS_NAIVE_VA24NEG_NKTCELL_DN, GSE28726_NAIVE_CD4_TCELL_VS_NAIVE_VA24NEG_NKTCELL_DN
                                                                                                      GSE17721_CTRL_VS_LPS_0.5H_BMDC_DN, GSE17721_CTRL_VS_LPS_0.5H_BMDC_DN
                                                                                                      GSE28726_NAIVE_VS_ACTIVATED_CD4_TCELL_UP, GSE28726_NAIVE_VS_ACTIVATED_CD4_TCELL_UP
                                                                                                      GSE7831 UNSTIM VS INFLUENZA STIM PDC 1H UP, GSE7831 UNSTIM VS INFLUENZA STIM PDC 1H UP
                                                                                                      GSE37532_TREG_VS_TCONV_CD4_TCELL_FROM_LN_DN, GSE37532_TREG_VS_TCONV_CD4_TCELL_FROM_LN_DN
                                                                                                      GSE43863_NAIVE_VS_LY6C_LOW_CXCR5NEG_CD4_EFF_TCELL_D6_LCMV_DN, GSE43863_NAIVE_VS_LY6C_LOW_CXCR5NEG_CD4_EFF_TCELL_D6_LCMV_DN
                                                                                                      GSE10239_NAIVE_VS_KLRG1HIGH_EFF_CD8_TCELL_UP, GSE10239_NAIVE_VS_KLRG1HIGH_EFF_CD8_TCELL_UP
                                                                                                      GSE360_CTRL_VS_B_MALAYI_HIGH_DOSE_MAC_UP, GSE360_CTRL_VS_B_MALAYI_HIGH_DOSE_MAC_UP
                                                                                                      HOFT CD4 POSITIVE ALPHA BETA MEMORY T CELL BCG VACCINE AGE 18 45YO 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN, HOFT CD4 POSITIVE ALPHA BETA MEMORY T CELL BCG VACCINE AGE 18 45YO 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN
                                                                                                      GSE3039 B2 VS B1 BCELL DN, GSE3039 B2 VS B1 BCELL DN
                                                                                                      GSE27786 LSK VS CD8 TCELL DN, GSE27786 LSK VS CD8 TCELL DN
                                                                                                      GSE17721_CTRL_VS_POLYIC_24H_BMDC_UP, GSE17721_CTRL_VS_POLYIC_24H_BMDC_UP
                                                                                                      GSE360_L_DONOVANI_VS_B_MALAYI_HIGH_DOSE_MAC_DN, GSE360_L_DONOVANI_VS_B_MALAYI_HIGH_DOSE_MAC_DN
                                                                                                      GSE18281 CORTICAL VS MEDULLARY THYMOCYTE UP, GSE18281 CORTICAL VS MEDULLARY THYMOCYTE UP
                                                                                                      GSE22886_NAIVE_CD4_TCELL_VS_DC_UP, GSE22886_NAIVE_CD4_TCELL_VS_DC_UP
                                                                                                      GSE8678_IL7R_LOW_VS_HIGH_EFF_CD8_TCELL_DN, GSE8678_IL7R_LOW_VS_HIGH_EFF_CD8_TCELL_DN
                                                                                                      GSE21033_CTRL_VS_POLYIC_STIM_DC_12H_UP, GSE21033_CTRL_VS_POLYIC_STIM_DC_12H_UP
                                                                                                      GSE29618_PRE_VS_DAY7_FLU_VACCINE_BCELL_DN, GSE29618_PRE_VS_DAY7_FLU_VACCINE_BCELL_DN
                                                                                                      GSE8384_CTRL_VS_B_ABORTUS_4H_MAC_CELL_LINE_UP, GSE8384_CTRL_VS_B_ABORTUS_4H_MAC_CELL_LINE_UP
                                                                                                      GSE29949 MICROGLIA BRAIN VS MONOCYTE BONE MARROW UP, GSE29949 MICROGLIA BRAIN VS MONOCYTE BONE MARROW UP
                                                                                                      GSE6259_FLT3L_INDUCED_DEC205_POS_DC_VS_CD8_TCELL_UP, GSE6259_FLT3L_INDUCED_DEC205_POS_DC_VS_CD8_TCELL_UP
                                                                                                      GSE22886_UNSTIM_VS_STIM_MEMORY_TCELL_UP, GSE22886_UNSTIM_VS_STIM_MEMORY_TCELL_UP
                                                                                                      GSE3920_UNTREATED_VS_IFNG_TREATED_FIBROBLAST_UP, GSE3920_UNTREATED_VS_IFNG_TREATED_FIBROBLAST_UP
                                                                                                      GSE22886_NAIVE_CD8_TCELL_VS_DC_UP, GSE22886_NAIVE_CD8_TCELL_VS_DC_UP
                                                                                                      GSE6259_BCELL_VS_CD4_TCELL_UP, GSE6259_BCELL_VS_CD4_TCELL_UP
                                                                                                      GSE21927_SPLEEN_VS_TUMOR_MONOCYTE_BALBC_DN, GSE21927_SPLEEN_VS_TUMOR_MONOCYTE_BALBC_DN
                                                                                                      GSE45739 UNSTIM VS ACD3 ACD28 STIM WT CD4 TCELL DN, GSE45739 UNSTIM VS ACD3 ACD28 STIM WT CD4 TCELL DN
                                                                                                      GSE27786_LSK_VS_NKCELL_DN, GSE27786_LSK_VS_NKCELL_DN
                                                                                                      GSE13306_TREG_VS_TCONV_DN, GSE13306_TREG_VS_TCONV_DN
                                                                                                      GSE32255_UNSTIM_VS_4H_LPS_STIM_DC_DN, GSE32255_UNSTIM_VS_4H_LPS_STIM_DC_DN
                                                                                                      GSE17721_12H_VS_24H_POLYIC_BMDC_UP, GSE17721_12H_VS_24H_POLYIC_BMDC_UP
                                                                                                      GSE1460_DP_VS_CD4_THYMOCYTE_UP, GSE1460_DP_VS_CD4_THYMOCYTE_UP
                                                                                                      GSE22103_UNSTIM_VS_LPS_STIM_NEUTROPHIL_DN, GSE22103_UNSTIM_VS_LPS_STIM_NEUTROPHIL_DN
                                                                                                      GSE12845_IGD_POS_VS_NEG_BLOOD_BCELL_DN, GSE12845_IGD_POS_VS_NEG_BLOOD_BCELL_DN
                                                                                                      GSE17721_0.5H_VS_8H_POLYIC_BMDC_DN, GSE17721_0.5H_VS_8H_POLYIC_BMDC_DN
                                                                                                      GSE15330 WT VS IKAROS KO MEGAKARYOCYTE ERYTHROID PROGENITOR DN, GSE15330 WT VS IKAROS KO MEGAKARYOCYTE ERYTHROID PROGENITOR DN
                                                                                                      GSE27291_0H_VS_6H_STIM_GAMMADELTA_TCELL_UP, GSE27291_0H_VS_6H_STIM_GAMMADELTA_TCELL_UP
                                                                                                      GSE21546_WT_VS_ELK1_KO_DP_THYMOCYTES_DN, GSE21546_WT_VS_ELK1_KO_DP_THYMOCYTES_DN
                                                                                                      GSE40184_HEALTHY_VS_HCV_INFECTED_DONOR_PBMC_DN, GSE40184_HEALTHY_VS_HCV_INFECTED_DONOR_PBMC_DN
                                                                                                      GSE17721_CTRL_VS_GARDIQUIMOD_12H_BMDC_UP, GSE17721_CTRL_VS_GARDIQUIMOD_12H_BMDC_UP
                                                                                                      GSE3982_MAC_VS_CENT_MEMORY_CD4_TCELL_DN, GSE3982_MAC_VS_CENT_MEMORY_CD4_TCELL_DN
                                                                                                      GSE15930_NAIVE_VS_72H_IN_VITRO_STIM_TRICHOSTATINA_CD8_TCELL_UP, GSE15930_NAIVE_VS_72H_IN_VITRO_STIM_TRICHOSTATINA_CD8_TCELL_UP
                                                                                                      GSE12003_MIR223_KO_VS_WT_BM_PROGENITOR_8D_CULTURE_DN, GSE12003_MIR223_KO_VS_WT_BM_PROGENITOR_8D_CULTURE_DN
                                                                                                      GSE40685_NAIVE_CD4_TCELL_VS_TREG_UP, GSE40685_NAIVE_CD4_TCELL_VS_TREG_UP
                                                                                                      GSE17186_NAIVE_VS_CD21LOW_TRANSITIONAL_BCELL_CORD_BLOOD_UP, GSE17186_NAIVE_VS_CD21LOW_TRANSITIONAL_BCELL_CORD_BLOOD_UP
                                                                                                      GSE42021_CD24HI_VS_CD24INT_TREG_THYMUS_UP, GSE42021_CD24HI_VS_CD24INT_TREG_THYMUS_UP
                                                                                                      GSE42021_CD24HI_VS_CD24LOW_TREG_THYMUS_UP, GSE42021_CD24HI_VS_CD24LOW_TREG_THYMUS_UP
                                                                                                      GSE22886_NAIVE_CD8_TCELL_VS_NKCELL_UP, GSE22886_NAIVE_CD8_TCELL_VS_NKCELL_UP
                                                                                                      GSE15324_NAIVE_VS_ACTIVATED_ELF4_KO_CD8_TCELL_UP, GSE15324_NAIVE_VS_ACTIVATED_ELF4_KO_CD8_TCELL_UP
                                                                                                      GSE25085_FETAL_LIVER_VS_FETAL_BM_SP4_THYMIC_IMPLANT_UP, GSE25085_FETAL_LIVER_VS_FETAL_BM_SP4_THYMIC_IMPLANT_UP
                                                                                                      GSE5099 UNSTIM VS MCSF TREATED MONOCYTE DAY7 DN, GSE5099 UNSTIM VS MCSF TREATED MONOCYTE DAY7 DN
                                                                                                      GSE22886_NAIVE_CD4_TCELL_VS_MONOCYTE_UP, GSE22886_NAIVE_CD4_TCELL_VS_MONOCYTE_UP
                                                                                                      GSE17301_CTRL_VS_48H_ACD3_ACD28_STIM_CD8_TCELL_DN, GSE17301_CTRL_VS_48H_ACD3_ACD28_STIM_CD8_TCELL_DN
                                                                                                      GSE26156 DOUBLE POSITIVE VS CD4 SINGLE POSITIVE THYMOCYTE UP, GSE26156 DOUBLE POSITIVE VS CD4 SINGLE POSITIVE THYMOCYTE UP
                                                                                                      GSE24634_IL4_VS_CTRL_TREATED_NAIVE_CD4_TCELL_DAY10_UP, GSE24634_IL4_VS_CTRL_TREATED_NAIVE_CD4_TCELL_DAY10_UP
                                                                                                      GSE37301_HEMATOPOIETIC_STEM_CELL_VS_RAG2_KO_NK_CELL_UP, GSE37301_HEMATOPOIETIC_STEM_CELL_VS_RAG2_KO_NK_CELL_UP
                                                                                                      GSE27786_LSK_VS_NKTCELL_DN, GSE27786_LSK_VS_NKTCELL_DN
                                                                                                      GSE13493_DP_VS_CD8POS_THYMOCYTE_UP, GSE13493_DP_VS_CD8POS_THYMOCYTE_UP
                                                                                                      GSE34006 WT VS A2AR KO TREG UP, GSE34006 WT VS A2AR KO TREG UP
                                                                                                      GSE1460_CD4_THYMOCYTE_VS_THYMIC_STROMAL_CELL_UP, GSE1460_CD4_THYMOCYTE_VS_THYMIC_STROMAL_CELL_UP
                                                                                                      GSE42021 CD24HI VS CD24LOW_TCONV_THYMUS_UP, GSE42021 CD24HI VS CD24LOW_TCONV_THYMUS_UP
                                                                                                      GSE27786 LSK VS BCELL DN, GSE27786 LSK VS BCELL DN
                                                                                                      GSE35543_IN_VIVO_NTREG_VS_CONVERTED_EX_ITREG_DN, GSE35543_IN_VIVO_NTREG_VS_CONVERTED_EX_ITREG_DN
                                                                                                      GSE19923_E2A_KO_VS_E2A_AND_HEB_KO_DP_THYMOCYTE_UP, GSE19923_E2A_KO_VS_E2A_AND_HEB_KO_DP_THYMOCYTE_UP
                                                                                                      GSE15735_CTRL_VS_HDAC_INHIBITOR_TREATED_CD4_TCELL_12H_DN, GSE15735_CTRL_VS_HDAC_INHIBITOR_TREATED_CD4_TCELL_12H_DN
                                                                                                      GSE14415_ACT_VS_CTRL_NATURAL_TREG_DN, GSE14415_ACT_VS_CTRL_NATURAL_TREG_DN
                                                                                                      GSE360_L_MAJOR_VS_T_GONDII_DC_UP, GSE360_L_MAJOR_VS_T_GONDII_DC_UP
                                                                                                      GSE24634 NAIVE CD4 TCELL VS DAY3 IL4 CONV TREG UP, GSE24634 NAIVE CD4 TCELL VS DAY3 IL4 CONV TREG UP
                                                                                                      GSE26912_TUMORICIDAL_VS_CTRL_MACROPHAGE_DN, GSE26912_TUMORICIDAL_VS_CTRL_MACROPHAGE_DN
                                                                                                      GSE3982_DC_VS_EFF_MEMORY_CD4_TCELL_DN, GSE3982_DC_VS_EFF_MEMORY_CD4_TCELL_DN
                                                                                                      GSE5099_UNSTIM_VS_MCSF_TREATED_MONOCYTE_DAY3_DN, GSE5099_UNSTIM_VS_MCSF_TREATED_MONOCYTE_DAY3_DN
                                                                                                       NAKAYA_PBMC_FLUMIST_AGE_18_50YO_7DY_IFN_SUBSET_UP, NAKAYA_PBMC_FLUMIST_AGE_18_50YO_7DY_IFN_SUBSET_UP
                                                                                                      GSE45365_HEALTHY_VS_MCMV_INFECTION_CD11B_DC_UP, GSE45365_HEALTHY_VS_MCMV_INFECTION_CD11B_DC_UP
                                                                                                      GSE13229_IMM_VS_MATURE_NKCELL_UP, GSE13229_IMM_VS_MATURE_NKCELL_UP
                                                                                                      GSE24210_IL35_TREATED_VS_RESTING_TREG_DN, GSE24210_IL35_TREATED_VS_RESTING_TREG_DN
                                                                                                      GSE25088_WT_VS_STAT6_KO_MACROPHAGE_ROSIGLITAZONE_STIM_DN, GSE25088_WT_VS_STAT6_KO_MACROPHAGE_ROSIGLITAZONE_STIM_DN
                                                                                                      GSE22886_IGM_MEMORY_BCELL_VS_BM_PLASMA_CELL_DN, GSE22886_IGM_MEMORY_BCELL_VS_BM_PLASMA_CELL_DN
                                                                                                      GSE19888_ADENOSINE_A3R_INH_VS_INH_PRETREAT_AND_ACT_WITH_TCELL_MEMBRANES_MAST_CELL_UP, GSE19888_ADENOSINE_A3R_INH_VS_INH_PRETREAT_AND_ACT_WITH_TCELL_MEMBRANES_MAST_CELL_UP
                                                                                                      GSE8868_SPLEEN_VS_INTESTINE_CD11B_POS_CD11C_NEG_DC_DN, GSE8868_SPLEEN_VS_INTESTINE_CD11B_POS_CD11C_NEG_DC_DN
S_TYPE_2_DIABETES_PBMC_AT_DX_UP, GSE9006_TYPE_1_VS_TYPE_2_DIABETES_PBMC_AT_DX_UP [
                                                                                                      GSE25123_IL4_VS_IL4_AND_ROSIGLITAZONE_STIM_PPARG_KO_MACROPHAGE_DAY10_UP, GSE25123_IL4_VS_IL4_AND_ROSIGLITAZONE_STIM_PPARG_KO_MACROPHAGE_DAY10_UP
                                                                                                      GSE18281_PERIMEDULLARY_CORTICAL_REGION_VS_WHOLE_CORTEX_THYMUS_UP, GSE18281_PERIMEDULLARY_CORTICAL_REGION_VS_WHOLE_CORTEX_THYMUS_UP
                                                                                                      GSE21670_TGFB_VS_IL6_TREATED_CD4_TCELL_UP, GSE21670_TGFB_VS_IL6_TREATED_CD4_TCELL_UP
                                                                                                      GSE40274_CTRL_VS_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_CTRL_VS_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
                                                                                                      GSE2770_IL12_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_48H_DN, GSE2770_IL12_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_48H_DN
                                                                                                      GSE5589_LPS_VS_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_DN, GSE5589_LPS_VS_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_DN
                                                                                                      GSE2585_CTEC_VS_THYMIC_DC_UP, GSE2585_CTEC_VS_THYMIC_DC_UP
                                                                                                      GSE21927_EL4_VS_MCA203_TUMOR_MONOCYTES_DN, GSE21927_EL4_VS_MCA203_TUMOR_MONOCYTES_DN
                                                                                                      GSE45365_CD8A_DC_VS_CD11B_DC_UP, GSE45365_CD8A_DC_VS_CD11B_DC_UP
                                                                                                      GSE37301 MULTIPOTENT PROGENITOR VS RAG2 KO NK CELL DN, GSE37301 MULTIPOTENT PROGENITOR VS RAG2 KO NK CELL DN
                                                                                                      GSE8835_CD4_VS_CD8_TCELL_CLL_PATIENT_UP, GSE8835_CD4_VS_CD8_TCELL_CLL_PATIENT_UP
                                                                                                      GSE36826_WT_VS_IL1R_KO_SKIN_DN, GSE36826_WT_VS_IL1R_KO_SKIN_DN
                                                                                                      GSE26030 UNSTIM VS RESTIM TH17 DAY15 POST POLARIZATION DN, GSE26030 UNSTIM VS RESTIM TH17 DAY15 POST POLARIZATION DN
                                                                                                      GSE45365_HEALTHY_VS_MCMV_INFECTION_BCELL_IFNAR_KO_DN, GSE45365_HEALTHY_VS_MCMV_INFECTION_BCELL_IFNAR_KO_DN
                                                                                                      GSE17721_CTRL_VS_LPS_6H_BMDC_DN, GSE17721_CTRL_VS_LPS_6H_BMDC_DN
                                                                                                      GSE1112_HY_CD8AB_VS_HY_CD8AA_THYMOCYTE_RTOC_CULTURE_UP, GSE1112_HY_CD8AB_VS_HY_CD8AA_THYMOCYTE_RTOC_CULTURE_UP
                                                                                                      GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_52H_UP, GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_52H_UP
                                                                                                      GSE10239 MEMORY VS DAY4.5 EFF CD8 TCELL UP, GSE10239 MEMORY VS DAY4.5 EFF CD8 TCELL UP
                                                                                                      GSE360_T_GONDII_VS_B_MALAYI_HIGH_DOSE_MAC_DN, GSE360_T_GONDII_VS_B_MALAYI_HIGH_DOSE_MAC_DN
                                                                                                      GSE1740_MCSF_VS_MCSF_AND_IFNG_DAY2_DERIVED_MACROPHAGE_WITH_IFNA_STIM_DN, GSE1740_MCSF_VS_MCSF_AND_IFNG_DAY2_DERIVED_MACROPHAGE_WITH_IFNA_STIM_DN
                                                                                                      GSE3982 MAC VS CENT MEMORY CD4 TCELL UP, GSE3982 MAC VS CENT MEMORY CD4 TCELL UP
                                                                                                      GSE2770_TGFB_AND_IL4_VS_IL12_TREATED_ACT_CD4_TCELL_48H_DN, GSE2770_TGFB_AND_IL4_VS_IL12_TREATED_ACT_CD4_TCELL_48H_DN
                                                                                                      GSE25088 ROSIGLITAZONE VS IL4 AND ROSIGLITAZONE STIM MACROPHAGE DAY10 DN, GSE25088 ROSIGLITAZONE VS IL4 AND ROSIGLITAZONE STIM MACROPHAGE DAY10 DN
                                                                                                      GSE22886_CD4_TCELL_VS_BCELL_NAIVE_UP, GSE22886_CD4_TCELL_VS_BCELL_NAIVE_UP
                                                                                                      GSE9006_HEALTHY_VS_TYPE_2_DIABETES_PBMC_AT_DX_DN, GSE9006_HEALTHY_VS_TYPE_2_DIABETES_PBMC_AT_DX_DN
                                                                                                      BUCASAS_PBMC_FLUARIX_FLUVIRIN_CAUCASIAN_MALE_AGE_18_40YO_HIGH_RESPONDERS_1DY_TOP_FUNCTIONAL_NETWORK_POSITIVE, BUCASAS_PBMC_FLUARIX_FLUVIRIN_CAUCASIAN_MALE_AGE_18_40YO_HIGH_RESPONDERS_1DY_TOP_FUNCTIONAL_NETWORK_POSITIVE
                                                                                                      GSE34205_HEALTHY_VS_RSV_INF_INFANT_PBMC_DN, GSE34205_HEALTHY_VS_RSV_INF_INFANT_PBMC_DN
                                                                                                      GSE43863_NAIVE_VS_MEMORY_TH1_CD4_TCELL_D150_LCMV_UP, GSE43863_NAIVE_VS_MEMORY_TH1_CD4_TCELL_D150_LCMV_UP
                                                                                                      GSE1925_CTRL_VS_24H_IFNG_STIM_MACROPHAGE_UP, GSE1925_CTRL_VS_24H_IFNG_STIM_MACROPHAGE_UP
                                                                                                      GSE29618 PDC VS MDC DAY7 FLU VACCINE UP, GSE29618 PDC VS MDC DAY7 FLU VACCINE UP
                                                                                                      GSE15659_NAIVE_VS_PTPRC_NEG_CD4_TCELL_DN, GSE15659_NAIVE_VS_PTPRC_NEG_CD4_TCELL_DN
                                                                                                      GSE360_L_DONOVANI_VS_M_TUBERCULOSIS_DC_UP, GSE360_L_DONOVANI_VS_M_TUBERCULOSIS_DC_UP
                                                                                                      GSE17721 PAM3CSK4 VS CPG 1H BMDC DN, GSE17721 PAM3CSK4 VS CPG 1H BMDC DN
                                                                                                      GSE17721_LPS_VS_POLYIC_12H_BMDC_DN, GSE17721_LPS_VS_POLYIC_12H_BMDC_DN
                                                                                                      GSE17721_CTRL_VS_GARDIQUIMOD_1H_BMDC_UP, GSE17721_CTRL_VS_GARDIQUIMOD_1H_BMDC_UP
                                                                                                      GSE8921_3H_VS_24H_TLR1_2_STIM_MONOCYTE_DN, GSE8921_3H_VS_24H_TLR1_2_STIM_MONOCYTE_DN
                                                                                                      GSE29615 CTRL VS DAY3 LAIV IFLU VACCINE PBMC DN, GSE29615 CTRL VS DAY3 LAIV IFLU VACCINE PBMC DN
                                                                                                      GSE27241_CTRL_VS_DIGOXIN_TREATED_CD4_TCELL_IN_TH17_POLARIZING_CONDITIONS_UP, GSE27241_CTRL_VS_DIGOXIN_TREATED_CD4_TCELL_IN_TH17_POLARIZING_CONDITIONS_UP
                                                                                                      OVSYANNIKOVA_PBMC_FLUARIX_AGE_55_64YO_RESPONDERS_VS_NONRESPONDERS_28DY_DN, OVSYANNIKOVA_PBMC_FLUARIX_AGE_55_64YO_RESPONDERS_VS_NONRESPONDERS_28DY_DN
                                                                                                      GSE11961_PLASMA_CELL_DAY7_VS_GERMINAL_CENTER_BCELL_DAY40_DN, GSE11961_PLASMA_CELL_DAY7_VS_GERMINAL_CENTER_BCELL_DAY40_DN
                                                                                                      GSE11961 MARGINAL ZONE BCELL VS PLASMA CELL DAY7 DN, GSE11961 MARGINAL ZONE BCELL VS PLASMA CELL DAY7 DN
                                                                                                      GSE40666 UNTREATED VS IFNA STIM STAT1 KO CD8 TCELL 90MIN UP, GSE40666 UNTREATED VS IFNA STIM STAT1 KO CD8 TCELL 90MIN UP
                                                                                                      GSE37605 FOXP3 FUSION GFP VS IRES GFP TREG C57BL6 DN, GSE37605 FOXP3 FUSION GFP VS IRES GFP TREG C57BL6 DN
                                                                                                      GSE9960 GRAM NEG VS GRAM NEG AND POS SEPSIS PBMC UP, GSE9960 GRAM NEG VS GRAM NEG AND POS SEPSIS PBMC UP
                                                                                                      GSE43863 LY6C INT CXCR5POS VS LY6C LOW CXCR5NEG EFFECTOR CD4 TCELL DN, GSE43863 LY6C INT CXCR5POS VS LY6C LOW CXCR5NEG EFFECTOR CD4 TCELL DN
                                                                                                      GSE17301 IFNA2 VS IFNA2 AND ACD3 ACD28 STIM CD8 TCELL DN, GSE17301 IFNA2 VS IFNA2 AND ACD3 ACD28 STIM CD8 TCELL DN
                                                                                                      GSE21927_SPLENIC_C26GM_TUMOROUS_VS_BONE_MARROW_MONOCYTES_UP, GSE21927_SPLENIC_C26GM_TUMOROUS_VS_BONE_MARROW_MONOCYTES_UP
                                                                                                      GSE30083_SP3_VS_SP4_THYMOCYTE_UP, GSE30083_SP3_VS_SP4_THYMOCYTE_UP
                                                                                                      GSE6092_UNSTIM_VS_IFNG_STIM_AND_B_BURGDORFERI_INF_ENDOTHELIAL_CELL_UP, GSE6092_UNSTIM_VS_IFNG_STIM_AND_B_BURGDORFERI_INF_ENDOTHELIAL_CELL_UP
                                                                                                      GSE17721_CPG_VS_GARDIQUIMOD_1H_BMDC_UP, GSE17721_CPG_VS_GARDIQUIMOD_1H_BMDC_UP
                                                                                                      GSE32423_CTRL_VS_IL7_IL4_MEMORY_CD8_TCELL_DN, GSE32423_CTRL_VS_IL7_IL4_MEMORY_CD8_TCELL_DN
                                                                                                      GSE7460_CTRL_VS_TGFB_TREATED_ACT_TCONV_UP, GSE7460_CTRL_VS_TGFB_TREATED_ACT_TCONV_UP
                                                                                                      GSE37416_CTRL_VS_48H_F_TULARENSIS_LVS_NEUTROPHIL_UP, GSE37416_CTRL_VS_48H_F_TULARENSIS_LVS_NEUTROPHIL_UP
                                                                                                      GSE2405_HEAT_KILLED_VS_LIVE_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_9H_DN, GSE2405_HEAT_KILLED_VS_LIVE_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_9H_DN
                                                                                                      GSE5503_MLN_DC_VS_PLN_DC_ACTIVATED_ALLOGENIC_TCELL_DN, GSE5503_MLN_DC_VS_PLN_DC_ACTIVATED_ALLOGENIC_TCELL_DN
                                                                                                      GSE29618_BCELL_VS_PDC_DN, GSE29618_BCELL_VS_PDC_DN
                                                                                                      GSE14769_UNSTIM_VS_40MIN_LPS_BMDM_UP, GSE14769_UNSTIM_VS_40MIN_LPS_BMDM_UP
                                                                                                      GSE32986_GMCSF_AND_CURDLAN_LOWDOSE_VS_GMCSF_AND_CURDLAN_HIGHDOSE_STIM_DC_DN, GSE32986_GMCSF_AND_CURDLAN_LOWDOSE_VS_GMCSF_AND_CURDLAN_HIGHDOSE_STIM_DC_DN
                                                                                                      GSE29164_DAY3_VS_DAY7_CD8_TCELL_TREATED_MELANOMA_DN, GSE29164_DAY3_VS_DAY7_CD8_TCELL_TREATED_MELANOMA_DN
                                                                                                      GSE5542_IFNA_VS_IFNA_AND_IFNG_TREATED_EPITHELIAL_CELLS_24H_UP, GSE5542_IFNA_VS_IFNA_AND_IFNG_TREATED_EPITHELIAL_CELLS_24H_UP
                                                                                                      GSE27786_BCELL_VS_NEUTROPHIL_DN, GSE27786_BCELL_VS_NEUTROPHIL_DN
                                                                                                      GSE20366_EX_VIVO_VS_DEC205_CONVERSION_NAIVE_CD4_TCELL_UP, GSE20366_EX_VIVO_VS_DEC205_CONVERSION_NAIVE_CD4_TCELL_UP
                                                                                                      GSE17721_LPS_VS_GARDIQUIMOD_1H_BMDC_UP, GSE17721_LPS_VS_GARDIQUIMOD_1H_BMDC_UP
                                                                                                      GSE3982_MAC_VS_NEUTROPHIL_LPS_STIM_DN, GSE3982_MAC_VS_NEUTROPHIL_LPS_STIM_DN
                                                                                                      GSE13946_CTRL_VS_DSS_COLITIS_GD_TCELL_FROM_COLON_DN, GSE13946_CTRL_VS_DSS_COLITIS_GD_TCELL_FROM_COLON_DN
                                                                                                      GSE46606_UNSTIM_VS_CD40L_IL2_IL5_DAY3_STIMULATED_BCELL_UP, GSE46606_UNSTIM_VS_CD40L_IL2_IL5_DAY3_STIMULATED_BCELL_UP
                                                                                                      GSE29617_CTRL_VS_TIV_FLU_VACCINE_PBMC_2008_UP, GSE29617_CTRL_VS_TIV_FLU_VACCINE_PBMC_2008_UP
                                                                                                      GSE28237_EARLY_VS_LATE_GC_BCELL_DN, GSE28237_EARLY_VS_LATE_GC_BCELL_DN
                                                                                                      GSE360_DC_VS_MAC_DN, GSE360_DC_VS_MAC_DN
                                                                                                      GSE17721_CPG_VS_GARDIQUIMOD_16H_BMDC_DN, GSE17721_CPG_VS_GARDIQUIMOD_16H_BMDC_DN
                                                                                                      GSE27786_LIN_NEG_VS_MONO_MAC_DN, GSE27786_LIN_NEG_VS_MONO_MAC_DN
                                                                                                      GSE21546_SAP1A_KO_VS_SAP1A_KO_AND_ELK1_KO_DP_THYMOCYTES_DN, GSE21546_SAP1A_KO_VS_SAP1A_KO_AND_ELK1_KO_DP_THYMOCYTES_DN
                                                                                                      GSE15930_STIM_VS_STIM_AND_IL12_24H_CD8_T_CELL_DN, GSE15930_STIM_VS_STIM_AND_IL12_24H_CD8_T_CELL_DN
                                                                                                      GSE3565_CTRL_VS_LPS_INJECTED_DUSP1_KO_SPLENOCYTES_DN, GSE3565_CTRL_VS_LPS_INJECTED_DUSP1_KO_SPLENOCYTES_DN
                                                                                                      GSE16385 MONOCYTE VS MACROPHAGE DN, GSE16385 MONOCYTE VS MACROPHAGE DN
                                                                                                      GSE40443_INDUCED_VS_TOTAL_TREG_UP, GSE40443_INDUCED_VS_TOTAL_TREG_UP
                                                                                                      GSE23321_CD8_STEM_CELL_MEMORY_VS_CENTRAL_MEMORY_CD8_TCELL_UP, GSE23321_CD8_STEM_CELL_MEMORY_VS_CENTRAL_MEMORY_CD8_TCELL_UP
                                                                                                      GSE26495 PD1HIGH VS PD1LOW CD8 TCELL DN, GSE26495 PD1HIGH VS PD1LOW CD8 TCELL DN
                                                                                                      GSE26030_TH1_VS_TH17_DAY5_POST_POLARIZATION_UP, GSE26030_TH1_VS_TH17_DAY5_POST_POLARIZATION_UP
                                                                                                      GSE36078_UNTREATED_VS_AD5_T425A_HEXON_INF_MOUSE_LUNG_DC_UP, GSE36078_UNTREATED_VS_AD5_T425A_HEXON_INF_MOUSE_LUNG_DC_UP
                                                                                                      GSE5589_WT_VS_IL6_KO_LPS_AND_IL10_STIM_MACROPHAGE_180MIN_DN, GSE5589_WT_VS_IL6_KO_LPS_AND_IL10_STIM_MACROPHAGE_180MIN_DN
                                                                                                      GSE3982_DC_VS_MAC_DN, GSE3982_DC_VS_MAC_DN
                                                                                                      GSE43955_1H_VS_60H_ACT_CD4_TCELL_WITH_TGFB_IL6_DN, GSE43955_1H_VS_60H_ACT_CD4_TCELL_WITH_TGFB_IL6_DN
                                                                                                      GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_0.8H_DN, GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_0.8H_DN
                                                                                                      GSE15324_ELF4_KO_VS_WT_NAIVE_CD8_TCELL_DN, GSE15324_ELF4_KO_VS_WT_NAIVE_CD8_TCELL_DN
                                                                                                      GSE2585_AIRE_KO_VS_WT_CD80_LOW_MTEC_DN, GSE2585_AIRE_KO_VS_WT_CD80_LOW_MTEC_DN
                                                                                                      GSE6259_33D1_POS_VS_DEC205_POS_SPLENIC_DC_DN, GSE6259_33D1_POS_VS_DEC205_POS_SPLENIC_DC_DN
                                                                                                      GSE22886_TH1_VS_TH2_48H_ACT_UP, GSE22886_TH1_VS_TH2_48H_ACT_UP
                                                                                                      GSE30083_SP2_VS_SP3_THYMOCYTE_DN, GSE30083_SP2_VS_SP3_THYMOCYTE_DN
                                                                                                      GSE21063_WT_VS_NFATC1_KO_BCELL_UP, GSE21063_WT_VS_NFATC1_KO_BCELL_UP
                                                                                                      GSE20715_WT_VS_TLR4_KO_6H_OZONE_LUNG_DN, GSE20715_WT_VS_TLR4_KO_6H_OZONE_LUNG_DN
                                                                                                      SCHERER_PBMC_APSV_WETVAX_AGE_18_32YO_5_TO_7DY_DN, SCHERER_PBMC_APSV_WETVAX_AGE_18_32YO_5_TO_7DY_DN
                                                                                                      GSE3039_NKT_CELL_VS_B2_BCELL_UP, GSE3039_NKT_CELL_VS_B2_BCELL_UP
                                                                                                      GSE18804 BRAIN VS COLON TUMORAL MACROPHAGE UP, GSE18804 BRAIN VS COLON TUMORAL MACROPHAGE UP
                                                                                                      GSE25123_CTRL_VS_ROSIGLITAZONE_STIM_MACROPHAGE_DN, GSE25123_CTRL_VS_ROSIGLITAZONE_STIM_MACROPHAGE_DN
                                                                                                      GSE10325_BCELL_VS_MYELOID_UP, GSE10325_BCELL_VS_MYELOID_UP
                                                                                                      GSE26928_EFF_MEM_VS_CENTR_MEM_CD4_TCELL_DN, GSE26928_EFF_MEM_VS_CENTR_MEM_CD4_TCELL_DN
                                                                                                      GSE29164_UNTREATED_VS_CD8_TCELL_AND_IL12_TREATED_MELANOMA_DAY7_DN, GSE29164_UNTREATED_VS_CD8_TCELL_AND_IL12_TREATED_MELANOMA_DAY7_DN
                                                                                                      GSE46606_DAY1_VS_DAY3_CD40L_IL2_IL5_STIMULATED_IRF4_KO_BCELL_UP, GSE46606_DAY1_VS_DAY3_CD40L_IL2_IL5_STIMULATED_IRF4_KO_BCELL_UP
                                                                                                      GSE43955_TH0_VS_TGFB_IL6_IL23_TH17_ACT_CD4_TCELL_60H_UP, GSE43955_TH0_VS_TGFB_IL6_IL23_TH17_ACT_CD4_TCELL_60H_UP
                                                                                                      GSE21927_EL4_VS_MCA203_TUMOR_MONOCYTES_UP, GSE21927_EL4_VS_MCA203_TUMOR_MONOCYTES_UP
                                                                                                      GSE41867_DAY6_VS_DAY15_LCMV_CLONE13_EFFECTOR_CD8_TCELL_DN, GSE41867_DAY6_VS_DAY15_LCMV_CLONE13_EFFECTOR_CD8_TCELL_DN
                                                                                                      GSE28449_WT_VS_LRF_KO_GERMINAL_CENTER_BCELL_UP, GSE28449_WT_VS_LRF_KO_GERMINAL_CENTER_BCELL_UP
                                                                                                      GSE15330_LYMPHOID_MULTIPOTENT_VS_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_IKAROS_KO_UP, GSE15330_LYMPHOID_MULTIPOTENT_VS_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_IKAROS_KO_UP
                                                                                                      GSE17721_PAM3CSK4_VS_CPG_2H_BMDC_UP, GSE17721_PAM3CSK4_VS_CPG_2H_BMDC_UP
                                                                                                      GSE39556_UNTREATED_VS_3H_POLYIC_INJ_MOUSE_CD8A_DC_DN, GSE39556_UNTREATED_VS_3H_POLYIC_INJ_MOUSE_CD8A_DC_DN
                                                                                                      GSE22886_NAIVE_CD4_TCELL_VS_NKCELL_UP, GSE22886_NAIVE_CD4_TCELL_VS_NKCELL_UP
                                                                                                      GSE14769 20MIN VS 360MIN LPS BMDM DN, GSE14769 20MIN VS 360MIN LPS BMDM DN
                                                                                                      GSE11961_GERMINAL_CENTER_BCELL_DAY7_VS_MEMORY_BCELL_DAY40_UP, GSE11961_GERMINAL_CENTER_BCELL_DAY7_VS_MEMORY_BCELL_DAY40_UP
                                                                                                      GSE9946 MATURE STIMULATORY VS PROSTAGLANDINE2 TREATED MATURE DC UP, GSE9946 MATURE STIMULATORY VS PROSTAGLANDINE2 TREATED MATURE DC UP
                                                                                                      GSE24634_NAIVE_CD4_TCELL_VS_DAY10_IL4_CONV_TREG_UP, GSE24634_NAIVE_CD4_TCELL_VS_DAY10_IL4_CONV_TREG_UP
                                                                                                      GSE360_L_MAJOR_VS_B_MALAYI_LOW_DOSE_DC_DN, GSE360_L_MAJOR_VS_B_MALAYI_LOW_DOSE_DC_DN
                                                                                                      CAO_BLOOD_FLUZONE_AGE_05_14YO_7DY_UP, CAO_BLOOD_FLUZONE_AGE_05_14YO_7DY_UP
                                                                                                      GSE45365_BCELL_VS_CD8_TCELL_DN, GSE45365_BCELL_VS_CD8_TCELL_DN
                                                                                                      GSE24972_WT_VS_IRF8_KO_MARGINAL_ZONE_SPLEEN_BCELL_DN, GSE24972_WT_VS_IRF8_KO_MARGINAL_ZONE_SPLEEN_BCELL_DN
                                                                                                      GSE13306_RA_VS_UNTREATED_TCONV_DN, GSE13306_RA_VS_UNTREATED_TCONV_DN
                                                                                                      GSE6875_TCONV_VS_TREG_DN, GSE6875_TCONV_VS_TREG_DN
                                                                                                      GSE37301_COMMON_LYMPHOID_PROGENITOR_VS_RAG2_KO_NK_CELL_DN, GSE37301_COMMON_LYMPHOID_PROGENITOR_VS_RAG2_KO_NK_CELL_DN
                                                                                                      GSE6259_BCELL_VS_CD8_TCELL_UP, GSE6259_BCELL_VS_CD8_TCELL_UP
                                                                                                      SOBOLEV_T_CELL_PANDEMRIX_AGE_18_64YO_1DY_UP, SOBOLEV_T_CELL_PANDEMRIX_AGE_18_64YO_1DY_UP
                                                                                                      GSE7548_NAIVE_VS_DAY28_PCC_IMMUNIZATION_CD4_TCELL_DN, GSE7548_NAIVE_VS_DAY28_PCC_IMMUNIZATION_CD4_TCELL_DN
                                                                                                      GSE12845_IGD_POS_BLOOD_VS_DARKZONE_GC_TONSIL_BCELL_UP, GSE12845_IGD_POS_BLOOD_VS_DARKZONE_GC_TONSIL_BCELL_UP
                                                                                                      GSE14026_TH1_VS_TH17_UP, GSE14026_TH1_VS_TH17_UP
                                                                                                      GSE10463_CD40L_AND_VA347_VS_CD40L_IN_DC_DN, GSE10463_CD40L_AND_VA347_VS_CD40L_IN_DC_DN
                                                                                                      GSE17721_CTRL_VS_CPG_4H_BMDC_DN, GSE17721_CTRL_VS_CPG_4H_BMDC_DN
                                                                                                      OVSYANNIKOVA_PBMC_FLUARIX_AGE_55_64YO_RESPONDERS_VS_NONRESPONDERS_0DY_UP, OVSYANNIKOVA_PBMC_FLUARIX_AGE_55_64YO_RESPONDERS_VS_NONRESPONDERS_0DY_UP
                                                                                                      GSE10211_UV_INACT_SENDAI_VS_LIVE_SENDAI_VIRUS_TRACHEAL_EPITHELIAL_CELLS_DN, GSE10211_UV_INACT_SENDAI_VS_LIVE_SENDAI_VIRUS_TRACHEAL_EPITHELIAL_CELLS_DN
                                                                                                      GSE46606_DAY1_VS_DAY3_CD40L_IL2_IL5_STIMULATED_IRF4MID_BCELL_UP, GSE46606_DAY1_VS_DAY3_CD40L_IL2_IL5_STIMULATED_IRF4MID_BCELL_UP
                                                                                                      GAUCHER_PBMC_YF_VAX_STAMARIL_UNKNOWN_AGE_14DY_UP, GAUCHER_PBMC_YF_VAX_STAMARIL_UNKNOWN_AGE_14DY_UP
                                                                                                      GSE34205 RSV VS FLU INF INFANT PBMC UP, GSE34205 RSV VS FLU INF INFANT PBMC UP
                                                                                                      GSE2585_CD80_HIGH_VS_LOW_AIRE_KO_MTEC_DN, GSE2585_CD80_HIGH_VS_LOW_AIRE_KO_MTEC_DN
                                                                                                      GSE37532 VISCERAL ADIPOSE TISSUE VS LN DERIVED TCONV CD4 TCELL UP, GSE37532 VISCERAL ADIPOSE TISSUE VS LN DERIVED TCONV CD4 TCELL UP
                                                                                                      GSE41978_KLRG1_HIGH_VS_LOW_EFFECTOR_CD8_TCELL_UP, GSE41978_KLRG1_HIGH_VS_LOW_EFFECTOR_CD8_TCELL_UP
                                                                                                      GSE40277_EOS_AND_LEF1_TRANSDUCED_VS_GATA1_AND_SATB1_TRANSDUCED_CD4_TCELL_DN, GSE40277_EOS_AND_LEF1_TRANSDUCED_VS_GATA1_AND_SATB1_TRANSDUCED_CD4_TCELL_DN
                                                                                                      GSE26669 CD4 VS CD8 TCELL IN MLR DN, GSE26669 CD4 VS CD8 TCELL IN MLR DN
                                                                                                      GSE27786_BCELL_VS_ERYTHROBLAST_DN, GSE27786_BCELL_VS_ERYTHROBLAST_DN
                                                                                                      GSE30962_PRIMARY_VS_SECONDARY_ACUTE_LCMV_INF_CD8_TCELL_DN, GSE30962_PRIMARY_VS_SECONDARY_ACUTE_LCMV_INF_CD8_TCELL_DN
                                                                                                      GSE46606_IRF4HIGH_VS_WT_CD40L_IL2_IL5_DAY1_STIMULATED_BCELL_DN, GSE46606_IRF4HIGH_VS_WT_CD40L_IL2_IL5_DAY1_STIMULATED_BCELL_DN
                                                                                                      GSE35543 IN VIVO NTREG VS IN VITRO ITREG UP, GSE35543 IN VIVO NTREG VS IN VITRO ITREG UP
                                                                                                      GSE28130_ACTIVATED_VS_INDUCEED_TREG_DN, GSE28130_ACTIVATED_VS_INDUCEED_TREG_DN
                                                                                                      HIPC_SIGNATURES_PROJECT_PBMC_TRIVALENT_INFLUENZA_VACCINE_HIGH_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_VS_LOW_RESPONDERS_YOUNGER_ADULTS
                                                                                                      SOBOLEV_T_CELL_PANDEMRIX_AGE_18_64YO_7DY_DN, SOBOLEV_T_CELL_PANDEMRIX_AGE_18_64YO_7DY_DN
                                                                                                      GSE26290 CTRL VS_AKT_INHIBITOR_TREATED_ANTI_CD3_AND_IL2_STIM_CD8_TCELL_UP, GSE26290 CTRL_VS_AKT_INHIBITOR_TREATED_ANTI_CD3_AND_IL2_STIM_CD8_TCELL_UP
                                                                                                      GSE13762_CTRL_VS_125_VITAMIND_DAY12_DC_UP, GSE13762_CTRL_VS_125_VITAMIND_DAY12_DC_UP
                                                                                                      GSE41978_ID2_KO_AND_BIM_KO_VS_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_UP, GSE41978_ID2_KO_AND_BIM_KO_VS_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_UP
                                                                                                      GSE37416_CTRL_VS_0H_F_TULARENSIS_LVS_NEUTROPHIL_UP, GSE37416_CTRL_VS_0H_F_TULARENSIS_LVS_NEUTROPHIL_UP
                                                                                                      GSE15330_HSC_VS_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_UP, GSE15330_HSC_VS_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_UP
                                                                                                      GSE15659 NAIVE CD4 TCELL VS ACTIVATED TREG UP, GSE15659 NAIVE CD4 TCELL VS ACTIVATED TREG UP
                                                                                                      GSE21670_IL6_VS_TGFB_AND_IL6_TREATED_CD4_TCELL_DN, GSE21670_IL6_VS_TGFB_AND_IL6_TREATED_CD4_TCELL_DN
                                                                                                      GSE17721_POLYIC_VS_GARDIQUIMOD_0.5H_BMDC_UP, GSE17721_POLYIC_VS_GARDIQUIMOD_0.5H_BMDC_UP
                                                                                                      GSE8685_IL2_ACT_IL2_STARVED_VS_IL21_ACT_IL2_STARVED_CD4_TCELL_DN, GSE8685_IL2_ACT_IL2_STARVED_VS_IL21_ACT_IL2_STARVED_CD4_TCELL_DN
                                                                                                      GSE17721_CTRL_VS_CPG_24H_BMDC_UP, GSE17721_CTRL_VS_CPG_24H_BMDC_UP
                                                                                                      GSE21546_WT_VS_SAP1A_KO_DP_THYMOCYTES_DN, GSE21546_WT_VS_SAP1A_KO_DP_THYMOCYTES_DN
                                                                                                      GSE45365_WT_VS_IFNAR_KO_CD8A_DC_MCMV_INFECTION_DN, GSE45365_WT_VS_IFNAR_KO_CD8A_DC_MCMV_INFECTION_DN
                                                                                                      GSE29618 PRE VS DAY7 POST TIV FLU VACCINE MONOCYTE UP, GSE29618 PRE VS DAY7 POST TIV FLU VACCINE MONOCYTE UP
                                                                                                      GSE16266_LPS_VS_HEATSHOCK_AND_LPS_STIM_MEF_UP, GSE16266_LPS_VS_HEATSHOCK_AND_LPS_STIM_MEF_UP
                                                                                                      GSE36009 UNSTIM VS LPS STIM DC UP, GSE36009 UNSTIM VS LPS STIM DC UP
                                                                                                      GSE19512 NAUTRAL VS INDUCED TREG DN, GSE19512 NAUTRAL VS INDUCED TREG DN
                                                                                                      GSE17186_NAIVE_VS_CD21HIGH_TRANSITIONAL_BCELL_UP, GSE17186_NAIVE_VS_CD21HIGH_TRANSITIONAL_BCELL_UP
                                                                                                      GSE27786_BCELL_VS_MONO_MAC_DN, GSE27786_BCELL_VS_MONO_MAC_DN
                                                                                                      GSE7460_CTRL_VS_FOXP3_OVEREXPR_TCONV_UP, GSE7460_CTRL_VS_FOXP3_OVEREXPR_TCONV_UP
                                                                                                      GSE25677 R848 VS MPL AND R848 STIM BCELL UP, GSE25677 R848 VS MPL AND R848 STIM BCELL UP
                                                                                                      GSE12507_PDC_CELL_LINE_VS_IMMATUE_T_CELL_LINE_DN, GSE12507_PDC_CELL_LINE_VS_IMMATUE_T_CELL_LINE_DN
                                                                                                      GSE5589_WT_VS_IL6_KO_LPS_STIM_MACROPHAGE_180MIN_UP, GSE5589_WT_VS_IL6_KO_LPS_STIM_MACROPHAGE_180MIN_UP
                                                                                                      GSE17721 PAM3CSK4 VS GADIQUIMOD 16H BMDC UP, GSE17721 PAM3CSK4 VS GADIQUIMOD 16H BMDC UP
                                                                                                      GSE46606_IRF4HIGH_VS_IRF4MID_CD40L_IL2_IL5_DAY1_STIMULATED_BCELL_DN, GSE46606_IRF4HIGH_VS_IRF4MID_CD40L_IL2_IL5_DAY1_STIMULATED_BCELL_DN
                                                                                                      GSE9946_IMMATURE_VS_PROSTAGLANDINE2_TREATED_MATURE_DC_DN, GSE9946_IMMATURE_VS_PROSTAGLANDINE2_TREATED_MATURE_DC_DN
                                                                                                      GSE27786_CD4_TCELL_VS_ERYTHTROBLAST_DN, GSE27786_CD4_TCELL_VS_ERYTHTROBLAST_DN
                                                                                                      GSE22611_MUTANT_NOD2_TRANSDUCED_VS_CTRL_HEK293T_STIMULATED_WITH_MDP_6H_UP, GSE22611_MUTANT_NOD2_TRANSDUCED_VS_CTRL_HEK293T_STIMULATED_WITH_MDP_6H_UP
                                                                                                      GSE15659_RESTING_TREG_VS_NONSUPPRESSIVE_TCELL_UP, GSE15659_RESTING_TREG_VS_NONSUPPRESSIVE_TCELL_UP
                                                                                                      GSE9037_WT_VS_IRAK4_KO_BMDM_DN, GSE9037_WT_VS_IRAK4_KO_BMDM_DN
                                                                                                      GSE26488 CTRL VS PEPTIDE INJECTION OT2 THYMOCYTE UP, GSE26488 CTRL VS PEPTIDE INJECTION OT2 THYMOCYTE UP
                                                                                                      GSE13493 CD4INTCD8POS_VS_CD8POS_THYMOCYTE_DN, GSE13493 CD4INTCD8POS_VS_CD8POS_THYMOCYTE_DN
                                                                                                      GSE28237 EARLY VS LATE GC BCELL UP, GSE28237 EARLY VS LATE GC BCELL UP
                                                                                                      GSE18281 SUBCAPSULAR VS PERIMEDULLARY CORTICAL REGION OF THYMUS DN. GSE18281 SUBCAPSULAR VS PERIMEDULLARY CORTICAL REGION OF THYMUS DN.
                                                                                                      GSE14350_TREG_VS_TEFF_IN_IL2RB_KO_DN, GSE14350_TREG_VS_TEFF_IN_IL2RB_KO_DN
                                                                                                      GSE27786_NKTCELL_VS_ERYTHROBLAST_DN, GSE27786_NKTCELL_VS_ERYTHROBLAST_DN
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GSE29618\_PRE\_VS\_DAY7\_POST\_TIV\_FLU\_VACCINE\_MDC\_UP, GSE29618\_PRE\_VS\_DAY7\_POST\_TIV\_FLU\_VACCINE\_MDC\_UP

GSE37301\_COMMON\_LYMPHOID\_PROGENITOR\_VS\_PRO\_BCELL\_UP, GSE37301\_COMMON\_LYMPHOID\_PROGENITOR\_VS\_PRO\_BCELL\_UP

GSE25123 ROSIGLITAZONE\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DAY10\_DN, GSE25123\_ROSIGLITAZONE\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DAY10\_DN

GSE24492\_LYVE\_NEG\_VS\_POS\_MACROPHAGE\_DN, GSE24492\_LYVE\_NEG\_VS\_POS\_MACROPHAGE\_DN

GSE9006\_HEALTHY\_VS\_TYPE\_2\_DIABETES\_PBMC\_AT\_DX\_UP, GSE9006\_HEALTHY\_VS\_TYPE\_2\_DIABETES\_PBMC\_AT\_DX\_UP

GSE2405\_0H\_VS\_24H\_A\_PHAGOCYTOPHILUM\_STIM\_NEUTROPHIL\_UP, GSE2405\_0H\_VS\_24H\_A\_PHAGOCYTOPHILUM\_STIM\_NEUTROPHIL\_UP

GSE26030\_TH1\_VS\_TH17\_RESTIMULATED\_DAY15\_POST\_POLARIZATION\_DN, GSE26030\_TH1\_VS\_TH17\_RESTIMULATED\_DAY15\_POST\_POLARIZATION\_DN

GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_4MONTH\_POST\_DX\_UP, GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_4MONTH\_POST\_DX\_UP

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

GSE33162\_HDAC3\_KO\_VS\_HDAC3\_KO\_4H\_LPS\_STIM\_MACROPHAGE\_UP, GSE33162\_HDAC3\_KO\_VS\_HDAC3\_KO\_4H\_LPS\_STIM\_MACROPHAGE\_UP

GSE42021 CD24HI TREG VS CD24HI TCONV THYMUS UP, GSE42021 CD24HI TREG VS CD24HI TCONV THYMUS UP

GSE12845\_NAIVE\_VS\_DARKZONE\_GC\_TONSIL\_BCELL\_DN, GSE12845\_NAIVE\_VS\_DARKZONE\_GC\_TONSIL\_BCELL\_DN

GSE14000\_TRANSLATED\_RNA\_VS\_MRNA\_16H\_LPS\_DC\_DN, GSE14000\_TRANSLATED\_RNA\_VS\_MRNA\_16H\_LPS\_DC\_DN

GSE22033\_UNTREATED\_VS\_ROSIGLITAZONE\_TREATED\_MEF\_UP, GSE22033\_UNTREATED\_VS\_ROSIGLITAZONE\_TREATED\_MEF\_UP

GSE34515\_CD16\_NEG\_VS\_POS\_MONOCYTE\_DN, GSE34515\_CD16\_NEG\_VS\_POS\_MONOCYTE\_DN