```
GSE21927_GMCSF_IL6_VS_GMCSF_GCSF_TREATED_BONE_MARROW_DN, GSE21927_GMCSF_IL6_VS_GMCSF_GCSF_TREATED_BONE_MARROW_DN
                                                                                                    GSE24634_NAIVE_CD4_TCELL_VS_DAY5_IL4_CONV_TREG_DN, GSE24634_NAIVE_CD4_TCELL_VS_DAY5_IL4_CONV_TREG_DN
                                                                                                    GSE24634_NAIVE_CD4_TCELL_VS_DAY3_IL4_CONV_TREG_DN, GSE24634_NAIVE_CD4_TCELL_VS_DAY3_IL4_CONV_TREG_DN
                                                                                                    GSE36476_CTRL_VS_TSST_ACT_16H_MEMORY_CD4_TCELL_OLD_DN, GSE36476_CTRL_VS_TSST_ACT_16H_MEMORY_CD4_TCELL_OLD_DN
                                                                                                    GSE360_L_MAJOR_VS_T_GONDII_MAC_DN, GSE360_L_MAJOR_VS_T_GONDII_MAC_DN
                                                                                                    GSE20500_CTRL_VS_RETINOIC_ACID_TREATED_CD4_TCELL_UP, GSE20500_CTRL_VS_RETINOIC_ACID_TREATED_CD4_TCELL_UP
                                                                                                    GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_48H_CD4_TCELL_DN, GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_48H_CD4_TCELL_DN
                                                                                                    GSE37532_WT_VS_PPARG_KO_VISCERAL_ADIPOSE_TISSUE_TCONV_DN, GSE37532_WT_VS_PPARG_KO_VISCERAL_ADIPOSE_TISSUE_TCONV_DN
                                                                                                    GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_UP, GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_UP
                                                                                                    GSE15930_NAIVE_VS_72H_IN_VITRO_STIM_IFNAB_CD8_TCELL_DN, GSE15930_NAIVE_VS_72H_IN_VITRO_STIM_IFNAB_CD8_TCELL_DN
                                                                                                    GSE17974_0.5H_VS_72H_UNTREATED_IN_VITRO_CD4_TCELL_DN, GSE17974_0.5H_VS_72H_UNTREATED_IN_VITRO_CD4_TCELL_DN
                                                                                                    GSE2770_UNTREATED_VS_IL4_TREATED_ACT_CD4_TCELL_2H_DN, GSE2770_UNTREATED_VS_IL4_TREATED_ACT_CD4_TCELL_2H_DN
                                                                                                    GSE2405_0H_VS_1.5H_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_DN, GSE2405_0H_VS_1.5H_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_DN
                                                                                                    GSE17721 POLYIC VS PAM3CSK4 16H BMDC DN, GSE17721 POLYIC VS PAM3CSK4 16H BMDC DN
                                                                                                    GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_DN, GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_DN
                                                                                                    FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_INFLUENZA_VACCINE_CORRELATED_WITH_ANTIBODY_RESPONSE_AGE_18_40YO_1DY_POSITIVE, FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_INFLUENZA_VACCINE_CORRELATED_WITH_ANTIBODY_RESPON
                                                                                                    GSE3982_BASOPHIL_VS_TH2_DN, GSE3982_BASOPHIL_VS_TH2_DN
                                                                                                    GSE20152_SPHK1_KO_VS_HTNFA_OVEREXPRESS_ANKLE_DN, GSE20152_SPHK1_KO_VS_HTNFA_OVEREXPRESS_ANKLE_DN
                                                                                                    GSE13484_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_DN, GSE13484_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_DN
                                                                                                    GSE32986_UNSTIM_VS_CURDLAN_HIGHDOSE_STIM_DC_UP, GSE32986_UNSTIM_VS_CURDLAN_HIGHDOSE_STIM_DC_UP
                                                                                                    GSE6674_UNSTIM_VS_ANTI_IGM_STIM_BCELL_UP, GSE6674_UNSTIM_VS_ANTI_IGM_STIM_BCELL_UP
                                                                                                    GSE6269_HEALTHY_VS_STAPH_AUREUS_INF_PBMC_UP, GSE6269_HEALTHY_VS_STAPH_AUREUS_INF_PBMC_UP
                                                                                                    GSE32986_UNSTIM_VS_GMCSF_AND_CURDLAN_HIGHDOSE_STIM_DC_UP, GSE32986_UNSTIM_VS_GMCSF_AND_CURDLAN_HIGHDOSE_STIM_DC_UP
                                                                                                    GSE21063_WT_VS_NFATC1_KO_BCELL_DN, GSE21063_WT_VS_NFATC1_KO_BCELL_DN
                                                                                                   GSE360 L MAJOR VS B MALAYI LOW DOSE MAC DN, GSE360 L MAJOR VS B MALAYI LOW DOSE MAC DN
                                                                                                   GSE37533_PPARG1_FOXP3_VS_FOXP3_TRANSDUCED_CD4_TCELL_DN, GSE37533_PPARG1_FOXP3_VS_FOXP3_TRANSDUCED_CD4_TCELL_DN
                                                                                                    GSE14769_UNSTIM_VS_240MIN_LPS_BMDM_UP, GSE14769_UNSTIM_VS_240MIN_LPS_BMDM_UP
                                                                                                    GSE1432 1H VS 6H IFNG MICROGLIA DN, GSE1432 1H VS 6H IFNG MICROGLIA DN
                                                                                                    GSE22886_CTRL_VS_LPS_24H_DC_DN, GSE22886_CTRL_VS_LPS_24H_DC_DN
                                                                                                    GSE17721_CTRL_VS_GARDIQUIMOD_0.5H_BMDC_UP, GSE17721_CTRL_VS_GARDIQUIMOD_0.5H_BMDC_UP
                                                                                                    GSE24634_IL4_VS_CTRL_TREATED_NAIVE_CD4_TCELL_DAY3_DN, GSE24634_IL4_VS_CTRL_TREATED_NAIVE_CD4_TCELL_DAY3_DN
                                                                                                    GAUCHER_PBMC_YF_VAX_STAMARIL_UNKNOWN_AGE_10DY_UP, GAUCHER_PBMC_YF_VAX_STAMARIL_UNKNOWN_AGE_10DY_UP
                                                                                                    GSE32034_LY6C_HIGH_VS_LOW_MONOCYTE_DN, GSE32034_LY6C_HIGH_VS_LOW_MONOCYTE_DN
                                                                                                    GSE6269_FLU_VS_E_COLI_INF_PBMC_UP, GSE6269_FLU_VS_E_COLI_INF_PBMC_UP
                                                                                                    GSE30971_2H_VS_4H_LPS_STIM_MACROPHAGE_WBP7_HET_UP, GSE30971_2H_VS_4H_LPS_STIM_MACROPHAGE_WBP7_HET_UP
                                                                                                    GSE7509_DC_VS_MONOCYTE_WITH_FCGRIIB_STIM_DN, GSE7509_DC_VS_MONOCYTE_WITH_FCGRIIB_STIM_DN
                                                                                                    GSE26890_CXCR1_NEG_VS_POS_EFFECTOR_CD8_TCELL_UP, GSE26890_CXCR1_NEG_VS_POS_EFFECTOR_CD8_TCELL_UP
                                                                                                    GSE2770_IL12_AND_TGFB_ACT_VS_ACT_CD4_TCELL_48H_DN, GSE2770_IL12_AND_TGFB_ACT_VS_ACT_CD4_TCELL_48H_DN
                                                                                                    GSE37533_PPARG2_FOXP3_VS_FOXP3_TRANSDUCED_CD4_TCELL_DN, GSE37533_PPARG2_FOXP3_VS_FOXP3_TRANSDUCED_CD4_TCELL_DN
                                                                                                    GSE22886_NAIVE_CD4_TCELL_VS_48H_ACT_TH2_DN, GSE22886_NAIVE_CD4_TCELL_VS_48H_ACT_TH2_DN
                                                                                                    GSE17721 POLYIC VS CPG 16H BMDC DN, GSE17721 POLYIC VS CPG 16H BMDC DN
                                                                                                    GSE13411_NAIVE_VS_MEMORY_BCELL_DN, GSE13411_NAIVE_VS_MEMORY_BCELL_DN
                                                                                                    GSE39382_IL3_VS_IL3_IL33_TREATED_MAST_CELL_DN, GSE39382_IL3_VS_IL3_IL33_TREATED_MAST_CELL_DN
                                                                                                    GSE3982_EOSINOPHIL_VS_NEUTROPHIL_UP, GSE3982_EOSINOPHIL_VS_NEUTROPHIL_UP
                                                                                                   GSE9960_HEALTHY_VS_GRAM_POS_SEPSIS_PBMC_DN, GSE9960_HEALTHY_VS_GRAM_POS_SEPSIS_PBMC_DN
                                                                                                    GSE14415_INDUCED_TREG_VS_FAILED_INDUCED_TREG_DN, GSE14415_INDUCED_TREG_VS_FAILED_INDUCED_TREG_DN
                                                                                                    GSE16755_CTRL_VS_IFNA_TREATED_MAC_DN, GSE16755_CTRL_VS_IFNA_TREATED_MAC_DN
                                                                                                    GSE37533_PPARG1_FOXP3_VS_FOXP3_TRANSDUCED_CD4_TCELL_PIOGLITAZONE_TREATED_UP, GSE37533_PPARG1_FOXP3_VS_FOXP3_TRANSDUCED_CD4_TCELL_PIOGLITAZONE_TREATED_UP
                                                                                                    GSE17721_POLYIC_VS_GARDIQUIMOD_0.5H_BMDC_DN, GSE17721_POLYIC_VS_GARDIQUIMOD_0.5H_BMDC_DN
                                                                                                    GSE13485_DAY1_VS_DAY7_YF17D_VACCINE_PBMC_DN, GSE13485_DAY1_VS_DAY7_YF17D_VACCINE_PBMC_DN
                                                                                                    GSE17721_CPG_VS_GARDIQUIMOD_2H_BMDC_DN, GSE17721_CPG_VS_GARDIQUIMOD_2H_BMDC_DN
                                                                                                    GSE24634_IL4_VS_CTRL_TREATED_NAIVE_CD4_TCELL_DAY10_DN, GSE24634_IL4_VS_CTRL_TREATED_NAIVE_CD4_TCELL_DAY10_DN
                                                                                                    GSE28408_LY6G_POS_VS_NEG_DC_DN, GSE28408_LY6G_POS_VS_NEG_DC_DN
                                                                                                    GSE13485_DAY7_VS_DAY21_YF17D_VACCINE_PBMC_UP, GSE13485_DAY7_VS_DAY21_YF17D_VACCINE_PBMC_UP
                                                                                                    GSE25085_FETAL_BM_VS_ADULT_BM_SP4_THYMIC_IMPLANT_UP, GSE25085_FETAL_BM_VS_ADULT_BM_SP4_THYMIC_IMPLANT_UP
                                                                                                    GSE14000_UNSTIM_VS_4H_LPS_DC_DN, GSE14000_UNSTIM_VS_4H_LPS_DC_DN
                                                                                                    GSE19888_ADENOSINE_A3R_INH_PRETREAT_AND_ACT_BY_A3R_VS_TCELL_MEMBRANES_ACT_MAST_CELL_UP, GSE19888_ADENOSINE_A3R_INH_PRETREAT_AND_ACT_BY_A3R_VS_TCELL_MEMBRANES_ACT_MAST_CELL_UP
                                                                                                    GSE17721 LPS VS POLYIC 8H BMDC UP, GSE17721 LPS VS POLYIC 8H BMDC UP
                                                                                                    FLETCHER_PBMC_BCG_10W_INFANT_BCG_STIMULATED_VS_UNSTIMULATED_10W_UP, FLETCHER_PBMC_BCG_10W_INFANT_BCG_STIMULATED_VS_UNSTIMULATED_10W_UP
                                                                                                    GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_4H_DN, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_4H_DN
                                                                                                    HOWARD_DENDRITIC_CELL_INACT_MONOV_INFLUENZA_A_INDONESIA_05_2005_H5N1_AGE_18_49YO_1DY_UP, HOWARD_DENDRITIC_CELL_INACT_MONOV_INFLUENZA_A_INDONESIA_05_2005_H5N1_AGE_18_49YO_1DY_UP
                                                                                                    GSE21927_SPLEEN_C57BL6_VS_4T1_TUMOR_BALBC_MONOCYTES_DN, GSE21927_SPLEEN_C57BL6_VS_4T1_TUMOR_BALBC_MONOCYTES_DN
                                                                                                    GSE6269_FLU_VS_STREP_PNEUMO_INF_PBMC_UP, GSE6269_FLU_VS_STREP_PNEUMO_INF_PBMC_UP
                                                                                                    GSE6259_DEC205_POS_DC_VS_BCELL_DN, GSE6259_DEC205_POS_DC_VS_BCELL_DN
                                                                                                    GSE40274_CTRL_VS_FOXP3_AND_SATB1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_CTRL_VS_FOXP3_AND_SATB1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
                                                                                                    GSE14000_UNSTIM_VS_4H_LPS_DC_TRANSLATED_RNA_DN, GSE14000_UNSTIM_VS_4H_LPS_DC_TRANSLATED_RNA_DN
                                                                                                    GSE37533_PPARG1_FOXP3_VS_PPARG2_FOXP3_TRANSDUCED_CD4_TCELL_PIOGLITAZONE_TREATED_DN, GSE37533_PPARG1_FOXP3_VS_PPARG2_FOXP3_TRANSDUCED_CD4_TCELL_PIOGLITAZONE_TREATED_DN
                                                                                                    GSE3982_MAST_CELL_VS_CENT_MEMORY_CD4_TCELL_UP, GSE3982_MAST_CELL_VS_CENT_MEMORY_CD4_TCELL_UP
                                                                                                    GSE5589_LPS_VS_LPS_AND_IL10_STIM_IL10_KO_MACROPHAGE_45MIN_DN, GSE5589_LPS_VS_LPS_AND_IL10_STIM_IL10_KO_MACROPHAGE_45MIN_DN
                                                                                                    GSE10325_BCELL_VS_LUPUS_BCELL_DN, GSE10325_BCELL_VS_LUPUS_BCELL_DN
                                                                                                    GSE11864_CSF1_VS_CSF1_IFNG_IN_MAC_DN, GSE11864_CSF1_VS_CSF1_IFNG_IN_MAC_DN
                                                                                                    GSE17721_12H_VS_24H_POLYIC_BMDC_DN, GSE17721_12H_VS_24H_POLYIC_BMDC_DN
                                                                                                    GSE13485_CTRL_VS_DAY7_YF17D_VACCINE_PBMC_DN, GSE13485_CTRL_VS_DAY7_YF17D_VACCINE_PBMC_DN
                                                                                                    GSE360_CTRL_VS_L_MAJOR_MAC_UP, GSE360_CTRL_VS_L_MAJOR_MAC_UP
                                                                                                    ZAK_PBMC_MRKAD5_HIV_1_GAG_POL_NEF_AGE_20_50YO_3DY_UP, ZAK_PBMC_MRKAD5_HIV_1_GAG_POL_NEF_AGE_20_50YO_3DY_UP
                                                                                                    GSE10325_MYELOID_VS_LUPUS_MYELOID_DN, GSE10325_MYELOID_VS_LUPUS_MYELOID_DN
                                                                                                    GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_10H_DN, GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_10H_DN
                                                                                                    ERWIN_COHEN_BLOOD_TC_83_AGE_23_48YO_VACCINATED_VS_CONTROL_2DY_UP, ERWIN_COHEN_BLOOD_TC_83_AGE_23_48YO_VACCINATED_VS_CONTROL_2DY_UP
                                                                                                    GSE37533_UNTREATED_VS_PIOGLIZATONE_TREATED_CD4_TCELL_PPARG1_AND_FOXP3_TRASDUCED_UP, GSE37533_UNTREATED_VS_PIOGLIZATONE_TREATED_CD4_TCELL_PPARG1_AND_FOXP3_TRASDUCED_UP
                                                                                                    GSE1460_INTRATHYMIC_T_PROGENITOR_VS_CD4_THYMOCYTE_UP, GSE1460_INTRATHYMIC_T_PROGENITOR_VS_CD4_THYMOCYTE_UP
                                                                                                    GSE6674_UNSTIM_VS_PL2_3_STIM_BCELL_UP, GSE6674_UNSTIM_VS_PL2_3_STIM_BCELL_UP
                                                                                                    GSE3982_BASOPHIL_VS_TH1_DN, GSE3982_BASOPHIL_VS_TH1_DN
                                                                                                    ERWIN_COHEN_BLOOD_VACCINE_TC_83_AGE_23_48YO_VACCINATED_VS_CONTROL_7DY_UP, ERWIN_COHEN_BLOOD_VACCINE_TC_83_AGE_23_48YO_VACCINATED_VS_CONTROL_7DY_UP
                                                                                                    GSE7548_NAIVE_VS_DAY7_PCC_IMMUNIZATION_CD4_TCELL_DN, GSE7548_NAIVE_VS_DAY7_PCC_IMMUNIZATION_CD4_TCELL_DN
                                                                                                    GSE42021_TREG_VS_TCONV_PLN_UP, GSE42021_TREG_VS_TCONV_PLN_UP
                                                                                                    GSE3039_NKT_CELL_VS_ALPHABETA_CD8_TCELL_DN, GSE3039_NKT_CELL_VS_ALPHABETA_CD8_TCELL_DN
                                                                                                    GSE19401_UNSTIM_VS_PAM2CSK4_STIM_FOLLICULAR_DC_DN, GSE19401_UNSTIM_VS_PAM2CSK4_STIM_FOLLICULAR_DC_DN
                                                                                                    GSE17721 POLYIC VS CPG 1H BMDC UP, GSE17721 POLYIC VS CPG 1H BMDC UP
                                                                                                    GSE35685_CD34POS_CD38NEG_VS_CD34POS_CD10POS_BONE_MARROW_DN, GSE35685_CD34POS_CD38NEG_VS_CD34POS_CD10POS_BONE_MARROW_DN
                                                                                                    GSE18791 CTRL VS NEWCASTLE VIRUS DC 8H DN, GSE18791 CTRL VS NEWCASTLE VIRUS DC 8H DN
                                                                                                    GSE34156_UNTREATED_VS_6H_NOD2_AND_TLR1_TLR2_LIGAND_TREATED_MONOCYTE_DN, GSE34156_UNTREATED_VS_6H_NOD2_AND_TLR1_TLR2_LIGAND_TREATED_MONOCYTE_DN
                                                                                                    GSE40685_TREG_VS_FOXP3_KO_TREG_PRECURSOR_UP, GSE40685_TREG_VS_FOXP3_KO_TREG_PRECURSOR_UP
                                                                                                    GSE7852_LN_VS_FAT_TCONV_UP, GSE7852_LN_VS_FAT_TCONV_UP
                                                                                                    GSE34006_A2AR_KO_VS_A2AR_AGONIST_TREATED_TREG_UP, GSE34006_A2AR_KO_VS_A2AR_AGONIST_TREATED_TREG_UP
                                                                                                    GSE14000_UNSTIM_VS_16H_LPS_DC_TRANSLATED_RNA_DN, GSE14000_UNSTIM_VS_16H_LPS_DC_TRANSLATED_RNA_DN
                                                                                                    GSE22140_GERMFREE_VS_SPF_MOUSE_CD4_TCELL_UP, GSE22140_GERMFREE_VS_SPF_MOUSE_CD4_TCELL_UP
                                                                                                    GSE13484 UNSTIM VS 12H YF17D VACCINE STIM PBMC DN, GSE13484 UNSTIM VS 12H YF17D VACCINE STIM PBMC DN
                                                                                                    GSE360 L MAJOR VS B MALAYI HIGH DOSE MAC DN, GSE360 L MAJOR VS B MALAYI HIGH DOSE MAC DN
                                                                                                    GSE9037_CTRL_VS_LPS_1H_STIM_IRAK4_KO_BMDM_DN, GSE9037_CTRL_VS_LPS_1H_STIM_IRAK4_KO_BMDM_DN
                                                                                                    GSE42021_CD24HI_VS_CD24INT_TREG_THYMUS_DN, GSE42021_CD24HI_VS_CD24INT_TREG_THYMUS_DN
                                                                                                    GSE14308_TH2_VS_TH1_UP, GSE14308_TH2_VS_TH1_UP
                                                                                                    GSE7831_CPG_VS_INFLUENZA_STIM_PDC_4H_UP, GSE7831_CPG_VS_INFLUENZA_STIM_PDC_4H_UP
                                                                                                    SCHERER_PBMC_APSV_WETVAX_AGE_18_32YO_2_TO_4DY_UP, SCHERER_PBMC_APSV_WETVAX_AGE_18_32YO_2_TO_4DY_UP
                                                                                                    GSE37534_UNTREATED_VS_PIOGLITAZONE_TREATED_CD4_TCELL_PPARG1_AND_FOXP3_TRASDUCED_DN, GSE37534_UNTREATED_VS_PIOGLITAZONE_TREATED_CD4_TCELL_PPARG1_AND_FOXP3_TRASDUCED_DN
                                                                                                    GSE7852_THYMUS_VS_FAT_TCONV_UP, GSE7852_THYMUS_VS_FAT_TCONV_UP
                                                                                                    GSE42021_CD24HI_VS_CD24LOW_TCONV_THYMUS_DN, GSE42021_CD24HI_VS_CD24LOW_TCONV_THYMUS_DN
                                                                                                    GSE37533_PPARG1_FOXP3_VS_FOXP3_TRANSDUCED_CD4_TCELL_UP, GSE37533_PPARG1_FOXP3_VS_FOXP3_TRANSDUCED_CD4_TCELL_UP
                                                                                                    GSE37534_UNTREATED_VS_GW1929_TREATED_CD4_TCELL_PPARG1_AND_FOXP3_TRASDUCED_UP, GSE37534_UNTREATED_VS_GW1929_TREATED_CD4_TCELL_PPARG1_AND_FOXP3_TRASDUCED_UP
                                                                                                    GSE21546_WT_VS_SAP1A_KO_DP_THYMOCYTES_UP, GSE21546_WT_VS_SAP1A_KO_DP_THYMOCYTES_UP
                                                                                                    GSE37534_UNTREATED_VS_ROSIGLITAZONE_TREATED_CD4_TCELL_PPARG1_AND_FOXP3_TRASDUCED_DN, GSE37534_UNTREATED_VS_ROSIGLITAZONE_TREATED_CD4_TCELL_PPARG1_AND_FOXP3_TRASDUCED_DN
                                                                                                    GSE41867_NAIVE_VS_DAY30_LCMV_CLONE13_EXHAUSTED_CD8_TCELL_UP, GSE41867_NAIVE_VS_DAY30_LCMV_CLONE13_EXHAUSTED_CD8_TCELL_UP
                                                                                                    GSE13522_CTRL_VS_T_CRUZI_G_STRAIN_INF_SKIN_UP, GSE13522_CTRL_VS_T_CRUZI_G_STRAIN_INF_SKIN_UP
                                                                                                    GSE7348 UNSTIM VS LPS STIM MACROPHAGE DN, GSE7348 UNSTIM VS LPS STIM MACROPHAGE DN
                                                                                                    GSE1432 CTRL VS_IFNG_6H_MICROGLIA_DN, GSE1432 CTRL VS_IFNG_6H_MICROGLIA_DN
                                                                                                    GSE18281_SUBCAPSULAR_VS_CENTRAL_CORTICAL_REGION_OF_THYMUS_UP, GSE18281_SUBCAPSULAR_VS_CENTRAL_CORTICAL_REGION_OF_THYMUS_UP
                                                                                                    GSE36826_WT_VS_IL1R_KO_SKIN_STAPH_AUREUS_INF_DN, GSE36826_WT_VS_IL1R_KO_SKIN_STAPH_AUREUS_INF_DN
                                                                                                    GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_6H_DN, GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_6H_DN
                                                                                                    GSE11864_UNTREATED_VS_CSF1_IFNG_IN_MAC_DN, GSE11864_UNTREATED_VS_CSF1_IFNG_IN_MAC_DN
                                                                                                    GSE5589_LPS_AND_IL10_VS_LPS_AND_IL6_STIM_IL6_KO_MACROPHAGE_45MIN_UP, GSE5589_LPS_AND_IL10_VS_LPS_AND_IL6_STIM_IL6_KO_MACROPHAGE_45MIN_UP
                                                                                                    GSE13485_PRE_VS_POST_YF17D_VACCINATION_PBMC_DN, GSE13485_PRE_VS_POST_YF17D_VACCINATION_PBMC_DN
                                                                                                    GSE21546_ELK1_KO_VS_SAP1A_KO_AND_ELK1_KO_DP_THYMOCYTES_UP, GSE21546_ELK1_KO_VS_SAP1A_KO_AND_ELK1_KO_DP_THYMOCYTES_UP
                                                                                                    GSE37301_HEMATOPOIETIC_STEM_CELL_VS_LYMPHOID_PRIMED_MPP_DN, GSE37301_HEMATOPOIETIC_STEM_CELL_VS_LYMPHOID_PRIMED_MPP_DN
                                                                                                    GSE33424_CD161_INT_VS_NEG_CD8_TCELL_UP, GSE33424_CD161_INT_VS_NEG_CD8_TCELL_UP
                                                                                                    GSE39820_TGFBETA3_IL6_VS_TGFBETA3_IL6_IL23A_TREATED_CD4_TCELL_DN, GSE39820_TGFBETA3_IL6_VS_TGFBETA3_IL6_IL23A_TREATED_CD4_TCELL_DN
                                                                                                    GSE8515_CTRL_VS_IL6_4H_STIM_MAC_UP, GSE8515_CTRL_VS_IL6_4H_STIM_MAC_UP
                                                                                                    GSE22033_UNTREATED_VS_MRL24_TREATED_MEF_DN, GSE22033_UNTREATED_VS_MRL24_TREATED_MEF_DN
                                                                                                    GSE13485_DAY3_VS_DAY7_YF17D_VACCINE_PBMC_DN, GSE13485_DAY3_VS_DAY7_YF17D_VACCINE_PBMC_DN
                                                                                                    GSE1432_1H_VS_24H_IFNG_MICROGLIA_DN, GSE1432_1H_VS_24H_IFNG_MICROGLIA_DN
                                                                                                    GSE19198_1H_VS_6H_IL21_TREATED_TCELL_DN, GSE19198_1H_VS_6H_IL21_TREATED_TCELL_DN
                                                                                                    GSE22935_WT_VS_MYD88_KO_MACROPHAGE_12H_MBOVIS_BCG_STIM_UP, GSE22935_WT_VS_MYD88_KO_MACROPHAGE_12H_MBOVIS_BCG_STIM_UP
                                                                                                    GSE6269_HEALTHY_VS_FLU_INF_PBMC_DN, GSE6269_HEALTHY_VS_FLU_INF_PBMC_DN
                                                                                                    GSE13484_3H_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_DN, GSE13484_3H_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_DN
                                                                                                    GSE42724_NAIVE_BCELL_VS_PLASMABLAST_UP, GSE42724_NAIVE_BCELL_VS_PLASMABLAST_UP
                                                                                                    GSE15930_STIM_VS_STIM_AND_TRICHOSTATINA_48H_CD8_T_CELL_DN, GSE15930_STIM_VS_STIM_AND_TRICHOSTATINA_48H_CD8_T_CELL_DN
                                                                                                    GSE42021_TCONV_PLN_VS_CD24HI_TCONV_THYMUS_UP, GSE42021_TCONV_PLN_VS_CD24HI_TCONV_THYMUS_UP
                                                                                                    GSE26559_TCF1_KO_VS_WT_LIN_NEG_CELL_UP, GSE26559_TCF1_KO_VS_WT_LIN_NEG_CELL_UP
                                                                                                    GSE14308_INDUCED_VS_NATURAL_TREG_UP, GSE14308_INDUCED_VS_NATURAL_TREG_UP
                                                                                                    GSE42021_TREG_PLN_VS_CD24INT_TREG_THYMUS_DN, GSE42021_TREG_PLN_VS_CD24INT_TREG_THYMUS_DN
                                                                                                    GSE20727_DNFB_ALLERGEN_VS_ROS_INH_AND_DNFB_ALLERGEN_TREATED_DC_DN, GSE20727_DNFB_ALLERGEN_VS_ROS_INH_AND_DNFB_ALLERGEN_TREATED_DC_DN
                                                                                                    GSE22886_NAIVE_BCELL_VS_BLOOD_PLASMA_CELL_DN, GSE22886_NAIVE_BCELL_VS_BLOOD_PLASMA_CELL_DN
                                                                                                    GSE19401_PLN_VS_PEYERS_PATCH_FOLLICULAR_DC_DN, GSE19401_PLN_VS_PEYERS_PATCH_FOLLICULAR_DC_DN
                                                                                                    GSE15930_STIM_VS_STIM_AND_IFNAB_48H_CD8_T_CELL_DN, GSE15930_STIM_VS_STIM_AND_IFNAB_48H_CD8_T_CELL_DN
                                                                                                    GSE9316_IL6_KO_VS_IFNG_KO_INVIVO_EXPANDED_CD4_TCELL_DN, GSE9316_IL6_KO_VS_IFNG_KO_INVIVO_EXPANDED_CD4_TCELL_DN
                                                                                                    GSE42021_CD24INT_VS_CD24LOW_TCONV_THYMUS_DN, GSE42021_CD24INT_VS_CD24LOW_TCONV_THYMUS_DN
                                                                                                    GSE17721_CTRL_VS_GARDIQUIMOD_2H_BMDC_UP, GSE17721_CTRL_VS_GARDIQUIMOD_2H_BMDC_UP
                                                                                                    GSE17721_CTRL_VS_PAM3CSK4_12H_BMDC_DN, GSE17721_CTRL_VS_PAM3CSK4_12H_BMDC_DN
                                                                                                    GSE21063_WT_VS_NFATC1_KO_3H_ANTI_IGM_STIM_BCELL_DN, GSE21063_WT_VS_NFATC1_KO_3H_ANTI_IGM_STIM_BCELL_DN
                                                                                                    GSE42021_TREG_PLN_VS_TREG_PRECURSORS_THYMUS_DN, GSE42021_TREG_PLN_VS_TREG_PRECURSORS_THYMUS_DN
                                                                                                    GSE11864_CSF1_VS_CSF1_IFNG_PAM3CYS_IN_MAC_DN, GSE11864_CSF1_VS_CSF1_IFNG_PAM3CYS_IN_MAC_DN
                                                                                                    GSE2770_IL12_VS_IL4_TREATED_ACT_CD4_TCELL_6H_UP, GSE2770_IL12_VS_IL4_TREATED_ACT_CD4_TCELL_6H_UP
                                                                                                    GSE21927_SPLEEN_VS_4T1_TUMOR_MONOCYTE_BALBC_DN, GSE21927_SPLEEN_VS_4T1_TUMOR_MONOCYTE_BALBC_DN
                                                                                                    GSE34205_HEALTHY_VS_FLU_INF_INFANT_PBMC_DN, GSE34205_HEALTHY_VS_FLU_INF_INFANT_PBMC_DN
                                                                                                   GSE360_L_MAJOR_VS_M_TUBERCULOSIS_DC_DN, GSE360_L_MAJOR_VS_M_TUBERCULOSIS_DC_DN
C57BL6_MONOCYTE_TUMOR_UP, GSE21927_BALBC_VS_C57BL6_MONOCYTE_TUMOR_UP
                                                                                                    GSE27786_LSK_VS_LIN_NEG_CELL_DN, GSE27786_LSK_VS_LIN_NEG_CELL_DN
                                                                                                    GSE1740_MCSF_VS_MCSF_AND_IFNG_DAY2_DERIVED_MACROPHAGE_UP, GSE1740_MCSF_VS_MCSF_AND_IFNG_DAY2_DERIVED_MACROPHAGE_UP
                                                                                                    GSE37301_MULTIPOTENT_PROGENITOR_VS_GRAN_MONO_PROGENITOR_UP, GSE37301_MULTIPOTENT_PROGENITOR_VS_GRAN_MONO_PROGENITOR_UP
                                                                                                    GSE27786_CD4_TCELL_VS_NKTCELL_DN, GSE27786_CD4_TCELL_VS_NKTCELL_DN
                                                                                                    GSE10856 CTRL_VS_TNFRSF6B_IN_MACROPHAGE_DN, GSE10856_CTRL_VS_TNFRSF6B_IN_MACROPHAGE_DN
                                                                                                    GSE36527_CD62L_HIGH_VS_CD62L_LOW_TREG_CD69_NEG_KLRG1_NEG_UP, GSE36527_CD62L_HIGH_VS_CD62L_LOW_TREG_CD69_NEG_KLRG1_NEG_UP
                                                                                                    GSE10240_CTRL_VS_IL17_AND_IL22_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_UP, GSE10240_CTRL_VS_IL17_AND_IL22_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_UP
                                                                                                    GSE18281_SUBCAPSULAR_VS_CENTRAL_CORTICAL_REGION_OF_THYMUS_DN, GSE18281_SUBCAPSULAR_VS_CENTRAL_CORTICAL_REGION_OF_THYMUS_DN
                                                                                                    GSE21360 PRIMARY VS TERTIARY MEMORY CD8 TCELL DN, GSE21360 PRIMARY VS TERTIARY MEMORY CD8 TCELL DN
                                                                                                    GSE10325_CD4_TCELL_VS_LUPUS_CD4_TCELL_DN, GSE10325_CD4_TCELL_VS_LUPUS_CD4_TCELL_DN
                                                                                                    GSE32423_IL7_VS_IL7_IL4_MEMORY_CD8_TCELL_UP, GSE32423_IL7_VS_IL7_IL4_MEMORY_CD8_TCELL_UP
                                                                                                    GSE2706_2H_VS_8H_R848_AND_LPS_STIM_DC_DN, GSE2706_2H_VS_8H_R848_AND_LPS_STIM_DC_DN
                                                                                                    GSE3337_CTRL_VS_4H_IFNG_IN_CD8POS_DC_DN, GSE3337_CTRL_VS_4H_IFNG_IN_CD8POS_DC_DN
                                                                                                    GSE37532_VISCERAL_ADIPOSE_TISSUE_VS_LN_DERIVED_TREG_CD4_TCELL_UP, GSE37532_VISCERAL_ADIPOSE_TISSUE_VS_LN_DERIVED_TREG_CD4_TCELL_UP
                                                                                                    GSE35825_UNTREATED_VS_IFNA_STIM_MACROPHAGE_DN, GSE35825_UNTREATED_VS_IFNA_STIM_MACROPHAGE_DN
                                                                                                    GSE17721_CTRL_VS_CPG_12H_BMDC_DN, GSE17721_CTRL_VS_CPG_12H_BMDC_DN
                                                                                                    GSE17721 PAM3CSK4_VS_CPG_12H_BMDC_DN, GSE17721_PAM3CSK4_VS_CPG_12H_BMDC_DN
                                                                                                    GSE22196_HEALTHY_VS_OBESE_MOUSE_SKIN_GAMMADELTA_TCELL_UP, GSE22196_HEALTHY_VS_OBESE_MOUSE_SKIN_GAMMADELTA_TCELL_UP
                                                                                                    GSE42021_TCONV_PLN_VS_CD24HI_TCONV_THYMUS_DN, GSE42021_TCONV_PLN_VS_CD24HI_TCONV_THYMUS_DN
                                                                                                    GSE34156_UNTREATED_VS_6H_NOD2_LIGAND_TREATED_MONOCYTE_DN, GSE34156_UNTREATED_VS_6H_NOD2_LIGAND_TREATED_MONOCYTE_DN
                                                                                                    GSE22140_GERMFREE_VS_SPF_ARTHRITIC_MOUSE_CD4_TCELL_DN, GSE22140_GERMFREE_VS_SPF_ARTHRITIC_MOUSE_CD4_TCELL_DN
                                                                                                    GSE2585_THYMIC_MACROPHAGE_VS_MTEC_UP, GSE2585_THYMIC_MACROPHAGE_VS_MTEC_UP
                                                                                                    GSE36476_YOUNG_VS_OLD_DONOR_MEMORY_CD4_TCELL_16H_TSST_ACT_UP, GSE36476_YOUNG_VS_OLD_DONOR_MEMORY_CD4_TCELL_16H_TSST_ACT_UP
                                                                                                    DHIMAN_PBMC_ATTENUVAX_AGE_15_25YO_SUBQ_7_OR_14DY_UP, DHIMAN_PBMC_ATTENUVAX_AGE_15_25YO_SUBQ_7_OR_14DY_UP
                                                                                                    GSE36095_WT_VS_HDAC9_KO_TREG_UP, GSE36095_WT_VS_HDAC9_KO_TREG_UP
                                                                                                    GSE360_T_GONDII_VS_B_MALAYI_LOW_DOSE_DC_UP, GSE360_T_GONDII_VS_B_MALAYI_LOW_DOSE_DC_UP
                                                                                                    GSE17721 LPS VS CPG 2H BMDC UP, GSE17721 LPS VS CPG 2H BMDC UP
                                                                                                    GSE7509_UNSTIM_VS_FCGRIIB_STIM_DC_DN, GSE7509_UNSTIM_VS_FCGRIIB_STIM_DC_DN
                                                                                                    GSE3982_CENT_MEMORY_CD4_TCELL_VS_NKCELL_DN, GSE3982_CENT_MEMORY_CD4_TCELL_VS_NKCELL_DN
                                                                                                    GSE3400_UNTREATED_VS_IFNB_TREATED_MEF_DN, GSE3400_UNTREATED_VS_IFNB_TREATED_MEF_DN
                                                                                                    GSE19888_ADENOSINE_A3R_INH_VS_TCELL_MEMBRANES_ACT_MAST_CELL_UP, GSE19888_ADENOSINE_A3R_INH_VS_TCELL_MEMBRANES_ACT_MAST_CELL_UP
                                                                                                    GSE19888_ADENOSINE_A3R_INH_VS_ACT_WITH_INHIBITOR_PRETREATMENT_IN_MAST_CELL_UP, GSE19888_ADENOSINE_A3R_INH_VS_ACT_WITH_INHIBITOR_PRETREATMENT_IN_MAST_CELL_UP
                                                                                                    GSE17721_PAM3CSK4_VS_GADIQUIMOD_24H_BMDC_DN, GSE17721_PAM3CSK4_VS_GADIQUIMOD_24H_BMDC_DN
                                                                                                    GSE26030_UNSTIM_VS_RESTIM_TH17_DAY5_POST_POLARIZATION_DN, GSE26030_UNSTIM_VS_RESTIM_TH17_DAY5_POST_POLARIZATION_DN
                                                                                                    GSE20366_EX_VIVO_VS_DEC205_CONVERSION_NAIVE_CD4_TCELL_DN, GSE20366_EX_VIVO_VS_DEC205_CONVERSION_NAIVE_CD4_TCELL_DN
                                                                                                    SOBOLEV_PBMC_PANDEMRIX_AGE_18_64YO_7DY_DN, SOBOLEV_PBMC_PANDEMRIX_AGE_18_64YO_7DY_DN
                                                                                                    GSE360_CTRL_VS_L_MAJOR_DC_DN, GSE360_CTRL_VS_L_MAJOR_DC_DN
                                                                                                    GSE5679_CTRL_VS_PPARG_LIGAND_ROSIGLITAZONE_AND_RARA_AGONIST_AM580_TREATED_DC_UP, GSE5679_CTRL_VS_PPARG_LIGAND_ROSIGLITAZONE_AND_RARA_AGONIST_AM580_TREATED_DC_UP
                                                                                                    GSE13411_IGM_VS_SWITCHED_MEMORY_BCELL_UP, GSE13411_IGM_VS_SWITCHED_MEMORY_BCELL_UP
                                                                                                    GSE7460 FOXP3 MUT VS HET ACT TCONV UP, GSE7460 FOXP3 MUT VS HET ACT TCONV UP
                                                                                                    GSE36888_UNTREATED_VS_IL2_TREATED_TCELL_2H_DN, GSE36888_UNTREATED_VS_IL2_TREATED_TCELL_2H_DN
                                                                                                    GSE11961_MEMORY_BCELL_DAY7_VS_GERMINAL_CENTER_BCELL_DAY7_DN, GSE11961_MEMORY_BCELL_DAY7_VS_GERMINAL_CENTER_BCELL_DAY7_DN
                                                                                                    GSE26669_CTRL_VS_COSTIM_BLOCK_MLR_CD8_TCELL_DN, GSE26669_CTRL_VS_COSTIM_BLOCK_MLR_CD8_TCELL_DN
                                                                                                    GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_30H_DN, GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_30H_DN
                                                                                                    GSE19401_UNSTIM_VS_PAM2CSK4_STIM_FOLLICULAR_DC_UP, GSE19401_UNSTIM_VS_PAM2CSK4_STIM_FOLLICULAR_DC_UP
                                                                                                    GSE27786_LSK_VS_CD4_TCELL_UP, GSE27786_LSK_VS_CD4_TCELL_UP
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GSE41978_ID2_KO_VS_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_UP, GSE41978_ID2_KO_VS_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_UP GSE2770 TGFB AND IL4 ACT VS ACT CD4 TCELL 2H DN, GSE2770 TGFB AND IL4 ACT VS ACT CD4 TCELL 2H DN GSE13485_CTRL_VS_DAY3_YF17D_VACCINE_PBMC_DN, GSE13485_CTRL_VS_DAY3_YF17D_VACCINE_PBMC_DN GSE8621_UNSTIM_VS_LPS_PRIMED_AND_LPS_STIM_MACROPHAGE_DN, GSE8621_UNSTIM_VS_LPS_PRIMED_AND_LPS_STIM_MACROPHAGE_DN GSE36078_WT_VS_IL1R_KO_LUNG_DC_DN, GSE36078_WT_VS_IL1R_KO_LUNG_DC_DN GSE20715_WT_VS_TLR4_KO_24H_OZONE_LUNG_DN, GSE20715_WT_VS_TLR4_KO_24H_OZONE_LUNG_DN GSE34205_RSV_VS_FLU_INF_INFANT_PBMC_DN, GSE34205_RSV_VS_FLU_INF_INFANT_PBMC_DN GSE18281_CORTICAL_VS_MEDULLARY_THYMOCYTE_DN, GSE18281_CORTICAL_VS_MEDULLARY_THYMOCYTE_DN GSE21063 3H VS 16H ANTI IGM STIM NFATC1 KOBCELL UP, GSE21063 3H VS 16H ANTI IGM STIM NFATC1 KOBCELL UP HOWARD_B_CELL_INACT_MONOV_INFLUENZA_A_INDONESIA_05_2005_H5N1_AGE_18_49YO_1DY_UP, HOWARD_B_CELL_INACT_MONOV_INFLUENZA_A_INDONESIA_05_2005_H5N1_AGE_18_49YO_1DY_UP GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_4H_DN, GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_4H_DN GSE41176_WT_VS_TAK1_KO_ANTI_IGM_STIM_BCELL_3H_UP, GSE41176_WT_VS_TAK1_KO_ANTI_IGM_STIM_BCELL_3H_UP GSE360_L_MAJOR_VS_T_GONDII_DC_DN, GSE360_L_MAJOR_VS_T_GONDII_DC_DN GSE3982_NKCELL_VS_TH1_UP, GSE3982_NKCELL_VS_TH1_UP GSE25846 IL10 POS_VS_NEG_CD8_TCELL_DAY7_POST_CORONAVIRUS_BRAIN_UP, GSE25846 IL10 POS_VS_NEG_CD8_TCELL_DAY7_POST_CORONAVIRUS_BRAIN_UP GSE21927 SPLENIC C26GM TUMOROUS VS 4T1 TUMOR MONOCYTES UP, GSE21927 SPLENIC C26GM TUMOROUS VS 4T1 TUMOR MONOCYTES UP GSE40666_WT_VS_STAT1_KO_CD8_TCELL_WITH_IFNA_STIM_90MIN_UP, GSE40666_WT_VS_STAT1_KO_CD8_TCELL_WITH_IFNA_STIM_90MIN_UP GSE18281_PERIMEDULLARY_CORTICAL_REGION_VS_WHOLE_MEDULLA_THYMUS_UP, GSE18281_PERIMEDULLARY_CORTICAL_REGION_VS_WHOLE_MEDULLA_THYMUS_UP GSE15330_LYMPHOID_MULTIPOTENT_VS_GRANULOCYTE_MONOCYTE_PROGENITOR_UP, GSE15330_LYMPHOID_MULTIPOTENT_VS_GRANULOCYTE_MONOCYTE_PROGENITOR_UP GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_3H_DN, GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_3H_DN GSE42021_CD24INT_VS_CD24LOW_TREG_THYMUS_DN, GSE42021_CD24INT_VS_CD24LOW_TREG_THYMUS_DN GSE42021 TREG PLN VS CD24LO TREG THYMUS DN, GSE42021 TREG PLN VS CD24LO TREG THYMUS DN GSE21927 BALBC VS C57BL6 MONOCYTE TUMOR DN, GSE21927 BALBC VS C57BL6 MONOCYTE TUMOR DN GSE13306_TREG_VS_TCONV_SPLEEN_DN, GSE13306_TREG_VS_TCONV_SPLEEN_DN GSE3203 HEALTHY VS INFLUENZA INFECTED LN BCELL UP, GSE3203 HEALTHY VS INFLUENZA INFECTED LN BCELL UP GSE10273_LOW_IL7_VS_HIGH_IL7_AND_IRF4_IN_IRF4_8_NULL_PRE_BCELL_UP, GSE10273_LOW_IL7_VS_HIGH_IL7_AND_IRF4_IN_IRF4_8_NULL_PRE_BCELL_UP GSE3982_BASOPHIL_VS_NKCELL_UP, GSE3982_BASOPHIL_VS_NKCELL_UP GSE22432_MULTIPOTENT_PROGENITOR_VS_PDC_UP, GSE22432_MULTIPOTENT_PROGENITOR_VS_PDC_UP GSE34156_NOD2_LIGAND_VS_TLR1_TLR2_LIGAND_6H_TREATED_MONOCYTE_UP, GSE34156_NOD2_LIGAND_VS_TLR1_TLR2_LIGAND_6H_TREATED_MONOCYTE_UP GSE45365_HEALTHY_VS_MCMV_INFECTION_CD11B_DC_DN, GSE45365_HEALTHY_VS_MCMV_INFECTION_CD11B_DC_DN GSE37301_LYMPHOID_PRIMED_MPP_VS_COMMON_LYMPHOID_PROGENITOR_DN, GSE37301_LYMPHOID_PRIMED_MPP_VS_COMMON_LYMPHOID_PROGENITOR_DN GSE15930_NAIVE_VS_72H_IN_VITRO_STIM_IL12_CD8_TCELL_UP, GSE15930_NAIVE_VS_72H_IN_VITRO_STIM_IL12_CD8_TCELL_UP GSE15330_HSC_VS_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_DN, GSE15330_HSC_VS_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_DN GSE36078_UNTREATED_VS_AD5_T425A_HEXON_INF_MOUSE_LUNG_DC_DN, GSE36078_UNTREATED_VS_AD5_T425A_HEXON_INF_MOUSE_LUNG_DC_DN GSE360_CTRL_VS_B_MALAYI_LOW_DOSE_DC_DN, GSE360_CTRL_VS_B_MALAYI_LOW_DOSE_DC_DN GSE3982_MAC_VS_NEUTROPHIL_DN, GSE3982_MAC_VS_NEUTROPHIL_DN RECHTIEN_PBMC_RVSV_ZEBOV_AGE_18_55YO_1DY_UP, RECHTIEN_PBMC_RVSV_ZEBOV_AGE_18_55YO_1DY_UP GSE5589 IL6 KO VS IL10 KO LPS STIM MACROPHAGE 180MIN DN, GSE5589 IL6 KO VS IL10 KO LPS STIM MACROPHAGE 180MIN DN GSE360_L_MAJOR_VS_M_TUBERCULOSIS_MAC_DN, GSE360_L_MAJOR_VS_M_TUBERCULOSIS_MAC_DN GSE22045_TREG_VS_TCONV_UP, GSE22045_TREG_VS_TCONV_UP GSE8685_IL2_STARVED_VS_IL21_ACT_IL2_STARVED_CD4_TCELL_DN, GSE8685_IL2_STARVED_VS_IL21_ACT_IL2_STARVED_CD4_TCELL_DN GSE1432_CTRL_VS_IFNG_24H_MICROGLIA_DN, GSE1432_CTRL_VS_IFNG_24H_MICROGLIA_DN GSE5099_CLASSICAL_M1_VS_ALTERNATIVE_M2_MACROPHAGE_DN, GSE5099_CLASSICAL_M1_VS_ALTERNATIVE_M2_MACROPHAGE_DN GSE360_HIGH_VS_LOW_DOSE_B_MALAYI_DC_UP, GSE360_HIGH_VS_LOW_DOSE_B_MALAYI_DC_UP GSE29164_DAY3_VS_DAY7_CD8_TCELL_TREATED_MELANOMA_UP, GSE29164_DAY3_VS_DAY7_CD8_TCELL_TREATED_MELANOMA_UP GSE30083_SP2_VS_SP3_THYMOCYTE_UP, GSE30083_SP2_VS_SP3_THYMOCYTE_UP GSE17974_0H_VS_4H_IN_VITRO_ACT_CD4_TCELL_UP, GSE17974_0H_VS_4H_IN_VITRO_ACT_CD4_TCELL_UP GSE19888_ADENOSINE_A3R_ACT_VS_A3R_ACT_WITH_A3R_INH_PRETREATMENT_IN_MAST_CELL_DN, GSE19888_ADENOSINE_A3R_ACT_VS_A3R_ACT_WITH_A3R_INH_PRETREATMENT_IN_MAST_CELL_DN GSE23308_CTRL_VS_CORTICOSTERONE_TREATED_MACROPHAGE_UP, GSE23308_CTRL_VS_CORTICOSTERONE_TREATED_MACROPHAGE_UP

GSE28783_ANTI_MIR33_VS_UNTREATED_ATHEROSCLEROSIS_MACROPHAGE_DN, GSE28783_ANTI_MIR33_VS_UNTREATED_ATHEROSCLEROSIS_MACROPHAGE_DN

GSE25123_WT_VS_PPARG_KO_MACROPHAGE_ROSIGLITAZONE_STIM_UP, GSE25123_WT_VS_PPARG_KO_MACROPHAGE_ROSIGLITAZONE_STIM_UP

GSE24081_CONTROLLER_VS_PROGRESSOR_HIV_SPECIFIC_CD8_TCELL_UP, GSE24081_CONTROLLER_VS_PROGRESSOR_HIV_SPECIFIC_CD8_TCELL_UP

GSE1740_UNSTIM_VS_IFNA_STIMULATED_MCSF_DERIVED_MACROPHAGE_DN, GSE1740_UNSTIM_VS_IFNA_STIMULATED_MCSF_DERIVED_MACROPHAGE_DN

HOWARD_T_CELL_INACT_MONOV_INFLUENZA_A_INDONESIA_05_2005_H5N1_AGE_18_49YO_1DY_UP, HOWARD_T_CELL_INACT_MONOV_INFLUENZA_A_INDONESIA_05_2005_H5N1_AGE_18_49YO_1DY_UP

GSE37533_UNTREATED_VS_PIOGLIZATONE_TREATED_CD4_TCELL_FOXP3_TRASDUCED_CD4_TCELL_UP, GSE37533_UNTREATED_VS_PIOGLIZATONE_TREATED_CD4_TCELL_FOXP3_TRASDUCED_CD4_TCELL_UP

RICHERT_PBMC_HIV_LIPO_5_AGE_37_48YO_STIMULATED_VS_UNSTIMULATED_14W_INTERFERON_SUBSET_UP, RICHERT_PBMC_HIV_LIPO_5_AGE_37_48YO_STIMULATED_VS_UNSTIMULATED_14W_INTERFERON_SUBSET_UP

CAO_BLOOD_FLUZONE_AGE_05_14YO_CORRELATED_WITH_H3N1_HI_TITER_1DY_POSITIVE, CAO_BLOOD_FLUZONE_AGE_05_14YO_CORRELATED_WITH_H3N1_HI_TITER_1DY_POSITIVE

GSE37534_GW1929_VS_PIOGLITAZONE_TREATED_CD4_TCELL_PPARG1_FOXP3_TRANSDUCED_UP, GSE37534_GW1929_VS_PIOGLITAZONE_TREATED_CD4_TCELL_PPARG1_FOXP3_TRANSDUCED_UP

WEINBERGER_BLOOD_TWINRIX_AGE_20_40_AND_60_84YO_CORRELATED_WITH_HIGH_ANTI_HBS_CONC_AT_WEEK_30_PRIMARY_VACC_1DY_POSITIVE, WEINBERGER_BLOOD_TWINRIX_AGE_20_40_AND_60_84YO_CORRELATED_WITH_HIGH_ANTI_HBS_CONC_AT_WEEK_30_PRIMARY_VACC_

KAZMIN_PBMC_P_FALCIPARUM_RTSS_AS01_UNKN_AGE_IMM_WITH_ARR_VS_IMM_BY_RRR_PRIMARY_IMMUNIZ_WITH_RECOMB_ADENOVIRUS_35_1DY_UP, KAZMIN_PBMC_P_FALCIPARUM_RTSS_AS01_UNKN_AGE_IMM_BY_RRR_PRIMARY_IMMUNIZ_WITH_RECOMB_A

QUEREC_PBMC_YF_17D_VACCINE_AGE_18_45YO_3DY_UP, QUEREC_PBMC_YF_17D_VACCINE_AGE_18_45YO_3DY_UP
QUEREC_PBMC_YF_17D_VACCINE_AGE_18_45YO_7DY_UP, QUEREC_PBMC_YF_17D_VACCINE_AGE_18_45YO_7DY_UP

GSE42021_CD24INT_VS_CD24LOW_TCONV_THYMUS_UP, GSE42021_CD24INT_VS_CD24LOW_TCONV_THYMUS_UP

GSE12392_WT_VS_IFNB_KO_CD8A_POS_SPLEEN_DC_DN, GSE12392_WT_VS_IFNB_KO_CD8A_POS_SPLEEN_DC_DN

GSE5099_UNSTIM_VS_MCSF_TREATED_MONOCYTE_DAY3_UP, GSE5099_UNSTIM_VS_MCSF_TREATED_MONOCYTE_DAY3_UP

GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_BCELL_DN, GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_BCELL_DN

GSE5099 MONOCYTE VS_ALTERNATIVE M2_MACROPHAGE_UP, GSE5099 MONOCYTE VS_ALTERNATIVE M2_MACROPHAGE_UP

COLE_BLOOD_FLUMIST_QUADRIVALENT_AGE_03_17YO_7DY_UP, COLE_BLOOD_FLUMIST_QUADRIVALENT_AGE_03_17YO_7DY_UP

GSE1925_CTRL_VS_3H_IFNG_STIM_IFNG_PRIMED_MACROPHAGE_DN, GSE1925_CTRL_VS_3H_IFNG_STIM_IFNG_PRIMED_MACROPHAGE_DN

FULLER_PBMC_F_TULARENSIS_VACCINE_LVS_AGE_22_54YO_336HR_DN, FULLER_PBMC_F_TULARENSIS_VACCINE_LVS_AGE_22_54YO_336HR_DN

GSE21670_UNTREATED_VS_TGFB_TREATED_STAT3_KO_CD4_TCELL_UP, GSE21670_UNTREATED_VS_TGFB_TREATED_STAT3_KO_CD4_TCELL_UP

GSE12198_LOW_IL2_STIM_NK_CELL_VS_HIGH_IL2_STIM_NK_CELL_DN, GSE12198_LOW_IL2_STIM_NK_CELL_VS_HIGH_IL2_STIM_NK_CELL_DN

GSE8621_LPS_STIM_VS_LPS_PRIMED_AND_LPS_STIM_MACROPHAGE_UP, GSE8621_LPS_STIM_VS_LPS_PRIMED_AND_LPS_STIM_MACROPHAGE_UP

GSE37301_CD4_TCELL_VS_GRANULOCYTE_MONOCYTE_PROGENITOR_UP, GSE37301_CD4_TCELL_VS_GRANULOCYTE_MONOCYTE_PROGENITOR_UP

GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_MONOCYTE_UP, GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_MONOCYTE_UP

GAUCHER_PBMC_YF_VAX_STAMARIL_UNKNOWN_AGE_28DY_UP, GAUCHER_PBMC_YF_VAX_STAMARIL_UNKNOWN_AGE_28DY_UP

GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_3H_UP, GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_3H_UP

GSE11961_GERMINAL_CENTER_BCELL_DAY7_VS_PLASMA_CELL_DAY7_UP, GSE11961_GERMINAL_CENTER_BCELL_DAY7_VS_PLASMA_CELL_DAY7_UP

GSE37301_MULTIPOTENT_PROGENITOR_VS_GRAN_MONO_PROGENITOR_DN, GSE37301_MULTIPOTENT_PROGENITOR_VS_GRAN_MONO_PROGENITOR_DN

GSE30971_2H_VS_4H_LPS_STIM_MACROPHAGE_WBP7_KO_UP, GSE30971_2H_VS_4H_LPS_STIM_MACROPHAGE_WBP7_KO_UP

GSE5589_WT_VS_IL6_KO_LPS_STIM_MACROPHAGE_180MIN_DN, GSE5589_WT_VS_IL6_KO_LPS_STIM_MACROPHAGE_180MIN_DN

GSE19941_UNSTIM_VS_LPS_STIM_IL10_KO_MACROPHAGE_UP, GSE19941_UNSTIM_VS_LPS_STIM_IL10_KO_MACROPHAGE_UP

GSE2770_IL12_AND_TGFB_ACT_VS_ACT_CD4_TCELL_6H_UP, GSE2770_IL12_AND_TGFB_ACT_VS_ACT_CD4_TCELL_6H_UP

GSE32901_TH17_EMRICHED_VS_TH17_NEG_CD4_TCELL_UP, GSE32901_TH17_EMRICHED_VS_TH17_NEG_CD4_TCELL_UP

GSE41176_UNSTIM_VS_ANTI_IGM_STIM_TAK1_KO_BCELL_3H_UP, GSE41176_UNSTIM_VS_ANTI_IGM_STIM_TAK1_KO_BCELL_3H_UP

GSE2770_TGFB_AND_IL4_VS_IL4_TREATED_ACT_CD4_TCELL_2H_DN, GSE2770_TGFB_AND_IL4_VS_IL4_TREATED_ACT_CD4_TCELL_2H_DN

GSE27786_BCELL_VS_NKCELL_DN, GSE27786_BCELL_VS_NKCELL_DN

GSE7852_TREG_VS_TCONV_LN_DN, GSE7852_TREG_VS_TCONV_LN_DN

GSE20366_TREG_VS_TCONV_DN, GSE20366_TREG_VS_TCONV_DN

GSE43955_1H_VS_42H_ACT_CD4_TCELL_DN, GSE43955_1H_VS_42H_ACT_CD4_TCELL_DN

GSE32423_CTRL_VS_IL4_MEMORY_CD8_TCELL_DN, GSE32423_CTRL_VS_IL4_MEMORY_CD8_TCELL_DN

GSE17721_POLYIC_VS_PAM3CSK4_2H_BMDC_DN, GSE17721_POLYIC_VS_PAM3CSK4_2H_BMDC_DN

GSE18281_CORTEX_VS_MEDULLA_THYMUS_UP, GSE18281_CORTEX_VS_MEDULLA_THYMUS_UP

GSE28130_ACTIVATED_VS_INDUCEED_TREG_UP, GSE28130_ACTIVATED_VS_INDUCEED_TREG_UP

CAO_BLOOD_FLUMIST_AGE_05_14YO_30DY_DN, CAO_BLOOD_FLUMIST_AGE_05_14YO_30DY_DN

GSE4590_PRE_BCELL_VS_SMALL_PRE_BCELL_UP, GSE4590_PRE_BCELL_VS_SMALL_PRE_BCELL_UP CAO_BLOOD_FLUZONE_AGE_05_14YO_30DY_UP, CAO_BLOOD_FLUZONE_AGE_05_14YO_30DY_UP

GSE37605 NOD_VS_C57BL6_IRES_GFP_TREG_DN, GSE37605_NOD_VS_C57BL6_IRES_GFP_TREG_DN

GSE3982_MAST_CELL_VS_BCELL_DN, GSE3982_MAST_CELL_VS_BCELL_DN

HOEK_NEUTROPHIL_2011_2012_TIV_ADULT_7DY_DN, HOEK_NEUTROPHIL_2011_2012_TIV_ADULT_7DY_DN

GSE17721_POLYIC_VS_CPG_2H_BMDC_DN, GSE17721_POLYIC_VS_CPG_2H_BMDC_DN

GSE28737_WT_VS_BCL6_KO_FOLLICULAR_BCELL_UP, GSE28737_WT_VS_BCL6_KO_FOLLICULAR_BCELL_UP

LI_PBMC_ZOSTAVAX_AGE_25_40_AND_60_79YO_3DY_UP, LI_PBMC_ZOSTAVAX_AGE_25_40_AND_60_79YO_3DY_UP

GSE14308_TH17_VS_NATURAL_TREG_DN, GSE14308_TH17_VS_NATURAL_TREG_DN

GSE11924_TH1_VS_TH17_CD4_TCELL_UP, GSE11924_TH1_VS_TH17_CD4_TCELL_UP