```
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
  GSE22886_UNSTIM_VS_STIM_MEMORY_TCELL_DN, GSE22886_UNSTIM_VS_STIM_MEMORY_TCELL_DN
  GSE36476_CTRL_VS_TSST_ACT_72H_MEMORY_CD4_TCELL_OLD_DN, GSE36476_CTRL_VS_TSST_ACT_72H_MEMORY_CD4_TCELL_OLD_DN
  GSE22886_NEUTROPHIL_VS_MONOCYTE_DN, GSE22886_NEUTROPHIL_VS_MONOCYTE_DN
  GSE24634_NAIVE_CD4_TCELL_VS_DAY3_IL4_CONV_TREG_DN, GSE24634_NAIVE_CD4_TCELL_VS_DAY3_IL4_CONV_TREG_DN
  GSE3982 EOSINOPHIL VS TH1 DN, GSE3982 EOSINOPHIL VS TH1 DN
  GSE22886_NAIVE_CD4_TCELL_VS_12H_ACT_TH2_DN, GSE22886_NAIVE_CD4_TCELL_VS_12H_ACT_TH2_DN
  GSE37532_WT_VS_PPARG_KO_VISCERAL_ADIPOSE_TISSUE_TCONV_DN, GSE37532_WT_VS_PPARG_KO_VISCERAL_ADIPOSE_TISSUE_TCONV_DN
  GSE12845_IGD_POS_BLOOD_VS_DARKZONE_GC_TONSIL_BCELL_DN, GSE12845_IGD_POS_BLOOD_VS_DARKZONE_GC_TONSIL_BCELL_DN
  GSE32986_UNSTIM_VS_CURDLAN_HIGHDOSE_STIM_DC_UP, GSE32986_UNSTIM_VS_CURDLAN_HIGHDOSE_STIM_DC_UP
 GSE2405 0H VS 1.5H A PHAGOCYTOPHILUM STIM NEUTROPHIL DN, GSE2405 0H VS 1.5H A PHAGOCYTOPHILUM STIM NEUTROPHIL DN
 GSE14769_UNSTIM_VS_240MIN_LPS_BMDM_UP, GSE14769_UNSTIM_VS_240MIN_LPS_BMDM_UP
 GSE20500_CTRL_VS_RETINOIC_ACID_TREATED_CD4_TCELL_UP, GSE20500_CTRL_VS_RETINOIC_ACID_TREATED_CD4_TCELL_UP
 GSE17974_0.5H_VS_72H_UNTREATED_IN_VITRO_CD4_TCELL_DN, GSE17974_0.5H_VS_72H_UNTREATED_IN_VITRO_CD4_TCELL_DN
  GSE21063_WT_VS_NFATC1_KO_BCELL_DN, GSE21063_WT_VS_NFATC1_KO_BCELL_DN
 GSE3982_CENT_MEMORY_CD4_TCELL_VS_TH2_DN, GSE3982_CENT_MEMORY_CD4_TCELL_VS_TH2_DN
 GSE17721_POLYIC_VS_PAM3CSK4_16H_BMDC_DN, GSE17721_POLYIC_VS_PAM3CSK4_16H_BMDC_DN
 GSE36476_CTRL_VS_TSST_ACT_16H_MEMORY_CD4_TCELL_OLD_DN, GSE36476_CTRL_VS_TSST_ACT_16H_MEMORY_CD4_TCELL_OLD_DN
 GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_UP, GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_UP
  GSE32986_UNSTIM_VS_GMCSF_AND_CURDLAN_HIGHDOSE_STIM_DC_UP, GSE32986_UNSTIM_VS_GMCSF_AND_CURDLAN_HIGHDOSE_STIM_DC_UP
  GSE1432 1H VS 6H IFNG MICROGLIA DN, GSE1432 1H VS 6H IFNG MICROGLIA DN
  GSE13484_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_DN, GSE13484_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_DN
  GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_48H_CD4_TCELL_DN, GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_48H_CD4_TCELL_DN
  GSE2770_IL12_AND_TGFB_ACT_VS_ACT_CD4_TCELL_48H_DN, GSE2770_IL12_AND_TGFB_ACT_VS_ACT_CD4_TCELL_48H_DN
  GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_DN, GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_DN
  GSE10325_BCELL_VS_LUPUS_BCELL_DN, GSE10325_BCELL_VS_LUPUS_BCELL_DN
  GSE360_L_MAJOR_VS_T_GONDII_MAC_DN, GSE360_L_MAJOR_VS_T_GONDII_MAC_DN
  GSE2770_IL12_ACT_VS_ACT_CD4_TCELL_6H_UP, GSE2770_IL12_ACT_VS_ACT_CD4_TCELL_6H_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
 GSE26890_CXCR1_NEG_VS_POS_EFFECTOR_CD8_TCELL_UP, GSE26890_CXCR1_NEG_VS_POS_EFFECTOR_CD8_TCELL_UP
 GSE3982_NEUTROPHIL_VS_BASOPHIL_DN, GSE3982_NEUTROPHIL_VS_BASOPHIL_DN
  GSE2770_UNTREATED_VS_IL4_TREATED_ACT_CD4_TCELL_2H_DN, GSE2770_UNTREATED_VS_IL4_TREATED_ACT_CD4_TCELL_2H_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
  GSE21927_SPLEEN_C57BL6_VS_4T1_TUMOR_BALBC_MONOCYTES_DN, GSE21927_SPLEEN_C57BL6_VS_4T1_TUMOR_BALBC_MONOCYTES_DN
  GSE17721_0.5H_VS_4H_GARDIQUIMOD_BMDC_UP, GSE17721_0.5H_VS_4H_GARDIQUIMOD_BMDC_UP
  GSE6269_FLU_VS_STREP_PNEUMO_INF_PBMC_UP, GSE6269_FLU_VS_STREP_PNEUMO_INF_PBMC_UP
  GSE22601_DOUBLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_DN, GSE22601_DOUBLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_DN
  GSE36392_TYPE_2_MYELOID_VS_NEUTROPHIL_IL25_TREATED_LUNG_DN, GSE36392_TYPE_2_MYELOID_VS_NEUTROPHIL_IL25_TREATED_LUNG_DN
  GSE13411_NAIVE_VS_MEMORY_BCELL_DN, GSE13411_NAIVE_VS_MEMORY_BCELL_DN
  GSE37605_FOXP3_FUSION_GFP_VS_IRES_GFP_TREG_NOD_UP, GSE37605_FOXP3_FUSION_GFP_VS_IRES_GFP_TREG_NOD_UP
  GSE17721_POLYIC_VS_CPG_16H_BMDC_DN, GSE17721_POLYIC_VS_CPG_16H_BMDC_DN
  GSE32034_LY6C_HIGH_VS_LOW_MONOCYTE_DN, GSE32034_LY6C_HIGH_VS_LOW_MONOCYTE_DN
  GSE6269 HEALTHY VS STAPH AUREUS INF PBMC UP, GSE6269 HEALTHY VS STAPH AUREUS INF PBMC UP
  GSE3982_BASOPHIL_VS_TH2_DN, GSE3982_BASOPHIL_VS_TH2_DN
  GSE27786_NEUTROPHIL_VS_MONO_MAC_DN, GSE27786_NEUTROPHIL_VS_MONO_MAC_DN
  GSE21546 WT_VS_SAP1A_KO_DP_THYMOCYTES_UP, GSE21546 WT_VS_SAP1A_KO_DP_THYMOCYTES_UP
  GSE3982_EOSINOPHIL_VS_NEUTROPHIL_UP, GSE3982_EOSINOPHIL_VS_NEUTROPHIL_UP
  GSE28408_LY6G_POS_VS_NEG_DC_DN, GSE28408_LY6G_POS_VS_NEG_DC_DN
  GSE34006_A2AR_KO_VS_A2AR_AGONIST_TREATED_TREG_UP, GSE34006_A2AR_KO_VS_A2AR_AGONIST_TREATED_TREG_UP
  GSE6269_FLU_VS_E_COLI_INF_PBMC_UP, GSE6269_FLU_VS_E_COLI_INF_PBMC_UP
  GSE4984_GALECTIN1_VS_VEHICLE_CTRL_TREATED_DC_DN, GSE4984_GALECTIN1_VS_VEHICLE_CTRL_TREATED_DC_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
  GSE360 L MAJOR_VS_B_MALAYI_LOW_DOSE_MAC_DN, GSE360_L_MAJOR_VS_B_MALAYI_LOW_DOSE_MAC_DN
  GSE7548_NAIVE_VS_DAY7_PCC_IMMUNIZATION_CD4_TCELL_DN, GSE7548_NAIVE_VS_DAY7_PCC_IMMUNIZATION_CD4_TCELL_DN
  GSE19888_ADENOSINE_A3R_ACT_VS_A3R_ACT_WITH_A3R_INH_PRETREATMENT_IN_MAST_CELL_UP, GSE19888_ADENOSINE_A3R_ACT_VS_A3R_ACT_WITH_A3R_INH_PRETREATMENT_IN_MAST_CELL_UP
  GSE3982_MAST_CELL_VS_TH2_DN, GSE3982_MAST_CELL_VS_TH2_DN
  GSE1432_1H_VS_24H_IFNG_MICROGLIA_DN, GSE1432_1H_VS_24H_IFNG_MICROGLIA_DN
  GSE17721_POLYIC_VS_GARDIQUIMOD_0.5H_BMDC_DN, GSE17721_POLYIC_VS_GARDIQUIMOD_0.5H_BMDC_DN
  GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_6H_DN, GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_6H_DN
  GSE3982_BASOPHIL_VS_TH1_DN, GSE3982_BASOPHIL_VS_TH1_DN
  GSE2770_IL12_AND_TGFB_ACT_VS_ACT_CD4_TCELL_6H_DN, GSE2770_IL12_AND_TGFB_ACT_VS_ACT_CD4_TCELL_6H_DN
  GSE11864_CSF1_VS_CSF1_IFNG_IN_MAC_DN, GSE11864_CSF1_VS_CSF1_IFNG_IN_MAC_DN
  GSE3039_NKT_CELL_VS_ALPHABETA_CD8_TCELL_DN, GSE3039_NKT_CELL_VS_ALPHABETA_CD8_TCELL_DN
  GSE46606_UNSTIM_VS_CD40L_IL2_IL5_1DAY_STIMULATED_IRF4_KO_BCELL_UP, GSE46606_UNSTIM_VS_CD40L_IL2_IL5_1DAY_STIMULATED_IRF4_KO_BCELL_UP
  GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_10H_DN, GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_10H_DN
  GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_4H_DN, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_4H_DN
  GSE3720_VD1_VS_VD2_GAMMADELTA_TCELL_WITH_LPS_STIM_DN, GSE3720_VD1_VS_VD2_GAMMADELTA_TCELL_WITH_LPS_STIM_DN
  GSE14308_TH2_VS_TH1_UP, GSE14308_TH2_VS_TH1_UP
  GSE9960_HEALTHY_VS_GRAM_POS_SEPSIS_PBMC_DN, GSE9960_HEALTHY_VS_GRAM_POS_SEPSIS_PBMC_DN
  GSE30971_2H_VS_4H_LPS_STIM_MACROPHAGE_WBP7_HET_UP, GSE30971_2H_VS_4H_LPS_STIM_MACROPHAGE_WBP7_HET_UP
  GSE18281_SUBCAPSULAR_VS_CENTRAL_CORTICAL_REGION_OF_THYMUS_UP, GSE18281_SUBCAPSULAR_VS_CENTRAL_CORTICAL_REGION_OF_THYMUS_UP
  GSE17721_PAM3CSK4_VS_GADIQUIMOD_8H_BMDC_UP, GSE17721_PAM3CSK4_VS_GADIQUIMOD_8H_BMDC_UP
  GSE21546_ELK1_KO_VS_SAP1A_KO_AND_ELK1_KO_DP_THYMOCYTES_UP, GSE21546_ELK1_KO_VS_SAP1A_KO_AND_ELK1_KO_DP_THYMOCYTES_UP
  GSE17721_LPS_VS_POLYIC_8H_BMDC_UP, GSE17721_LPS_VS_POLYIC_8H_BMDC_UP
  GSE16451_CTRL_VS_WEST_EQUINE_ENC_VIRUS_IMMATURE_NEURON_CELL_LINE_DN, GSE16451_CTRL_VS_WEST_EQUINE_ENC_VIRUS_IMMATURE_NEURON_CELL_LINE_DN
  GSE33424_CD161_INT_VS_NEG_CD8_TCELL_UP, GSE33424_CD161_INT_VS_NEG_CD8_TCELL_UP
  GSE17721_PAM3CSK4_VS_GADIQUIMOD_24H_BMDC_DN, GSE17721_PAM3CSK4_VS_GADIQUIMOD_24H_BMDC_DN
  GSE13485_DAY3_VS_DAY7_YF17D_VACCINE_PBMC_DN, GSE13485_DAY3_VS_DAY7_YF17D_VACCINE_PBMC_DN
  GSE19401 PLN VS PEYERS PATCH FOLLICULAR DC DN, GSE19401 PLN VS PEYERS PATCH FOLLICULAR DC DN
  GSE27786_CD4_TCELL_VS_NKTCELL_DN, GSE27786_CD4_TCELL_VS_NKTCELL_DN
  GSE17301_ACD3_ACD28_VS_ACD3_ACD28_AND_IFNA2_STIM_CD8_TCELL_UP, GSE17301_ACD3_ACD28_VS_ACD3_ACD28_AND_IFNA2_STIM_CD8_TCELL_UP
  GSE22886_NAIVE_BCELL_VS_BLOOD_PLASMA_CELL_DN, GSE22886_NAIVE_BCELL_VS_BLOOD_PLASMA_CELL_DN
  GSE10240_CTRL_VS_IL17_AND_IL22_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_UP, GSE10240_CTRL_VS_IL17_AND_IL22_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_UP
  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
  GSE22033_UNTREATED_VS_MRL24_TREATED_MEF_DN, GSE22033_UNTREATED_VS_MRL24_TREATED_MEF_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
  GSE6259 DEC205 POS DC VS CD4 TCELL DN, GSE6259 DEC205 POS DC VS CD4 TCELL DN
  GSE1460_INTRATHYMIC_T_PROGENITOR_VS_CD4_THYMOCYTE_UP, GSE1460_INTRATHYMIC_T_PROGENITOR_VS_CD4_THYMOCYTE_UP
  GSE36826 WT_VS_IL1R_KO_SKIN_STAPH_AUREUS_INF_DN, GSE36826 WT_VS_IL1R_KO_SKIN_STAPH_AUREUS_INF_DN
  GSE13522_CTRL_VS_T_CRUZI_G_STRAIN_INF_SKIN_UP, GSE13522_CTRL_VS_T_CRUZI_G_STRAIN_INF_SKIN_UP
  GSE2770_TGFB_AND_IL4_ACT_VS_ACT_CD4_TCELL_2H_DN, GSE2770_TGFB_AND_IL4_ACT_VS_ACT_CD4_TCELL_2H_DN
  GSE32423_IL7_VS_IL7_IL4_MEMORY_CD8_TCELL_UP, GSE32423_IL7_VS_IL7_IL4_MEMORY_CD8_TCELL_UP
  GSE8515_CTRL_VS_IL6_4H_STIM_MAC_UP, GSE8515_CTRL_VS_IL6_4H_STIM_MAC_UP
  GSE27291_6H_VS_7D_STIM_GAMMADELTA_TCELL_UP, GSE27291_6H_VS_7D_STIM_GAMMADELTA_TCELL_UP
  GSE6674 UNSTIM VS PL2 3 STIM BCELL UP, GSE6674 UNSTIM VS PL2 3 STIM BCELL UP
  GSE41867_NAIVE_VS_DAY30_LCMV_CLONE13_EXHAUSTED_CD8_TCELL_UP, GSE41867_NAIVE_VS_DAY30_LCMV_CLONE13_EXHAUSTED_CD8_TCELL_UP
  GSE5589_IL6_KO_VS_IL10_KO_LPS_AND_IL6_STIM_MACROPHAGE_45MIN_UP, GSE5589_IL6_KO_VS_IL10_KO_LPS_AND_IL6_STIM_MACROPHAGE_45MIN_UP
  GSE19888_ADENOSINE_A3R_INH_VS_TCELL_MEMBRANES_ACT_MAST_CELL_UP, GSE19888_ADENOSINE_A3R_INH_VS_TCELL_MEMBRANES_ACT_MAST_CELL_UP
  GSE41867_DAY6_VS_DAY8_LCMV_CLONE13_EFFECTOR_CD8_TCELL_UP, GSE41867_DAY6_VS_DAY8_LCMV_CLONE13_EFFECTOR_CD8_TCELL_UP
  GSE17721_CTRL_VS_GARDIQUIMOD_2H_BMDC_UP, GSE17721_CTRL_VS_GARDIQUIMOD_2H_BMDC_UP
  GSE37301_HEMATOPOIETIC_STEM_CELL_VS_LYMPHOID_PRIMED_MPP_DN, GSE37301_HEMATOPOIETIC_STEM_CELL_VS_LYMPHOID_PRIMED_MPP_DN
  GSE3982_CTRL_VS_IGE_STIM_MAST_CELL_DN, GSE3982_CTRL_VS_IGE_STIM_MAST_CELL_DN
  GSE27786_LSK_VS_LIN_NEG_CELL_DN, GSE27786_LSK_VS_LIN_NEG_CELL_DN
  GSE2706_2H_VS_8H_R848_AND_LPS_STIM_DC_DN, GSE2706_2H_VS_8H_R848_AND_LPS_STIM_DC_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
GSE21927_SPLEEN_VS_4T1_TUMOR_MONOCYTE_BALBC_DN, GSE21927_SPLEEN_VS_4T1_TUMOR_MONOCYTE_BALBC_DN
 GSE360_L_MAJOR_VS_B_MALAYI_HIGH_DOSE_MAC_DN, GSE360_L_MAJOR_VS_B_MALAYI_HIGH_DOSE_MAC_DN
  GSE17721 LPS VS CPG 2H BMDC UP, GSE17721 LPS VS CPG 2H BMDC UP
  GSE39820_TGFBETA3_IL6_VS_TGFBETA3_IL6_IL23A_TREATED_CD4_TCELL_DN, GSE39820_TGFBETA3_IL6_VS_TGFBETA3_IL6_IL23A_TREATED_CD4_TCELL_DN
  GSE11864_CSF1_VS_CSF1_IFNG_PAM3CYS_IN_MAC_DN, GSE11864_CSF1_VS_CSF1_IFNG_PAM3CYS_IN_MAC_DN
  GSE36527 CD69 NEG VS POS TREG CD62L LOS KLRG1 NEG UP, GSE36527 CD69 NEG VS POS TREG CD62L LOS KLRG1 NEG UP
  GSE10325_CD4_TCELL_VS_LUPUS_CD4_TCELL_DN, GSE10325_CD4_TCELL_VS_LUPUS_CD4_TCELL_DN
  GSE25087_FETAL_VS_ADULT_TREG_UP, GSE25087_FETAL_VS_ADULT_TREG_UP
  GSE42021_CD24HI_VS_CD24LOW_TREG_THYMUS_DN, GSE42021_CD24HI_VS_CD24LOW_TREG_THYMUS_DN
  GSE360_T_GONDII_VS_B_MALAYI_LOW_DOSE_MAC_UP, GSE360_T_GONDII_VS_B_MALAYI_LOW_DOSE_MAC_UP
  GSE2770_IL12_VS_IL4_TREATED_ACT_CD4_TCELL_6H_UP, GSE2770_IL12_VS_IL4_TREATED_ACT_CD4_TCELL_6H_UP
  GSE37532_VISCERAL_ADIPOSE_TISSUE_VS_LN_DERIVED_TREG_CD4_TCELL_UP, GSE37532_VISCERAL_ADIPOSE_TISSUE_VS_LN_DERIVED_TREG_CD4_TCELL_UP
  GSE34006_WT_VS_A2AR_KO_TREG_DN, GSE34006_WT_VS_A2AR_KO_TREG_DN
  GSE36095_WT_VS_HDAC9_KO_TREG_UP, GSE36095_WT_VS_HDAC9_KO_TREG_UP
  GSE9037_CTRL_VS_LPS_1H_STIM_IRAK4_KO_BMDM_DN, GSE9037_CTRL_VS_LPS_1H_STIM_IRAK4_KO_BMDM_DN
  GSE40274_CTRL_VS_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_CTRL_VS_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
  GSE2585_THYMIC_MACROPHAGE_VS_MTEC_UP, GSE2585_THYMIC_MACROPHAGE_VS_MTEC_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
  GSE22432_MULTIPOTENT_PROGENITOR_VS_PDC_UP, GSE22432_MULTIPOTENT_PROGENITOR_VS_PDC_UP
  GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_3H_DN, GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_3H_DN
  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
  GSE11961_MARGINAL_ZONE_BCELL_VS_PLASMA_CELL_DAY7_DN, GSE11961_MARGINAL_ZONE_BCELL_VS_PLASMA_CELL_DAY7_DN
  GSE13411_IGM_VS_SWITCHED_MEMORY_BCELL_UP, GSE13411_IGM_VS_SWITCHED_MEMORY_BCELL_UP
  GSE42021_TCONV_PLN_VS_CD24HI_TCONV_THYMUS_DN, GSE42021_TCONV_PLN_VS_CD24HI_TCONV_THYMUS_DN
  GSE26030_TH1_VS_TH17_DAY5_POST_POLARIZATION_UP, GSE26030_TH1_VS_TH17_DAY5_POST_POLARIZATION_UP
  GSE22589_HEALTHY_VS_HIV_INFECTED_DC_DN, GSE22589_HEALTHY_VS_HIV_INFECTED_DC_DN
  GSE37301_MULTIPOTENT_PROGENITOR_VS_GRAN_MONO_PROGENITOR_DN, GSE37301_MULTIPOTENT_PROGENITOR_VS_GRAN_MONO_PROGENITOR_DN
  GSE5099_UNSTIM_VS_MCSF_TREATED_MONOCYTE_DAY3_UP, GSE5099_UNSTIM_VS_MCSF_TREATED_MONOCYTE_DAY3_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
  GSE3720_VD1_VS_VD2_GAMMADELTA_TCELL_DN, GSE3720_VD1_VS_VD2_GAMMADELTA_TCELL_DN
  GSE43863_NAIVE_VS_MEMORY_TH1_CD4_TCELL_D150_LCMV_UP, GSE43863_NAIVE_VS_MEMORY_TH1_CD4_TCELL_D150_LCMV_UP
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GSE25088_ROSIGLITAZONE_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DAY10_DN, GSE25088_ROSIGLITAZONE_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DAY10_DN 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 GSE22935_WT_VS_MYD88_KO_MACROPHAGE_12H_MBOVIS_BCG_STIM_UP, GSE22935_WT_VS_MYD88_KO_MACROPHAGE_12H_MBOVIS_BCG_STIM_UP GSE33162_HDAC3_KO_VS_HDAC3_KO_MACROPHAGE_UP, GSE33162_HDAC3_KO_VS_HDAC3_KO_MACROPHAGE_UP GSE17721_CTRL_VS_CPG_12H_BMDC_DN, GSE17721_CTRL_VS_CPG_12H_BMDC_DN GSE24142_EARLY_THYMIC_PROGENITOR_VS_DN3_THYMOCYTE_ADULT_DN, GSE24142_EARLY_THYMIC_PROGENITOR_VS_DN3_THYMOCYTE_ADULT_DN GSE42021_CD24INT_VS_CD24LOW_TREG_THYMUS_DN, GSE42021_CD24INT_VS_CD24LOW_TREG_THYMUS_DN GSE3982_CENT_MEMORY_CD4_TCELL_VS_TH1_UP, GSE3982_CENT_MEMORY_CD4_TCELL_VS_TH1_UP GSE6259_33D1_POS_VS_DEC205_POS_SPLENIC_DC_DN, GSE6259_33D1_POS_VS_DEC205_POS_SPLENIC_DC_DN DHIMAN_PBMC_ATTENUVAX_AGE_15_25YO_SUBQ_7_OR_14DY_UP, DHIMAN_PBMC_ATTENUVAX_AGE_15_25YO_SUBQ_7_OR_14DY_UP GSE27092_WT_VS_HDAC7_PHOSPHO_DEFICIENT_CD8_TCELL_UP, GSE27092_WT_VS_HDAC7_PHOSPHO_DEFICIENT_CD8_TCELL_UP GSE22611_UNSTIM_VS_2H_MDP_STIM_NOD2_TRANSDUCED_HEK293T_CELL_UP, GSE22611_UNSTIM_VS_2H_MDP_STIM_NOD2_TRANSDUCED_HEK293T_CELL_UP GSE15930_NAIVE_VS_72H_IN_VITRO_STIM_IL12_CD8_TCELL_UP, GSE15930_NAIVE_VS_72H_IN_VITRO_STIM_IL12_CD8_TCELL_UP GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_MONOCYTE_DN, GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_MONOCYTE_DN GSE25123_WT_VS_PPARG_KO_MACROPHAGE_ROSIGLITAZONE_STIM_UP, GSE25123_WT_VS_PPARG_KO_MACROPHAGE_ROSIGLITAZONE_STIM_UP GSE36888_UNTREATED_VS_IL2_TREATED_TCELL_2H_DN, GSE36888_UNTREATED_VS_IL2_TREATED_TCELL_2H_DN GSE45365_HEALTHY_VS_MCMV_INFECTION_CD11B_DC_DN, GSE45365_HEALTHY_VS_MCMV_INFECTION_CD11B_DC_DN GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_1H_ACT_CD4_TCELL_DN, GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_1H_ACT_CD4_TCELL_DN GSE2405_HEAT_KILLED_VS_LIVE_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_24H_UP, GSE2405_HEAT_KILLED_VS_LIVE_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_24H_UP GSE41176_WT_VS_TAK1_KO_ANTI_IGM_STIM_BCELL_3H_UP, GSE41176_WT_VS_TAK1_KO_ANTI_IGM_STIM_BCELL_3H_UP GSE15330 LYMPHOID MULTIPOTENT VS GRANULOCYTE MONOCYTE PROGENITOR UP, GSE15330 LYMPHOID MULTIPOTENT VS GRANULOCYTE MONOCYTE PROGENITOR UP GSE22045_TREG_VS_TCONV_UP, GSE22045_TREG_VS_TCONV_UP GSE42021_TREG_PLN_VS_CD24LO_TREG_THYMUS_DN, GSE42021_TREG_PLN_VS_CD24LO_TREG_THYMUS_DN GSE16385 MONOCYTE VS MACROPHAGE UP, GSE16385 MONOCYTE VS MACROPHAGE UP GSE360 CTRL VS B MALAYI LOW DOSE DC DN, GSE360 CTRL VS B MALAYI LOW DOSE DC DN GSE32423 CTRL VS IL4 MEMORY CD8 TCELL DN, GSE32423 CTRL VS IL4 MEMORY CD8 TCELL DN 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 GSE30083_SP2_VS_SP3_THYMOCYTE_UP, GSE30083_SP2_VS_SP3_THYMOCYTE_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 GSE5589_IL6_KO_VS_IL10_KO_LPS_STIM_MACROPHAGE_180MIN_DN, GSE5589_IL6_KO_VS_IL10_KO_LPS_STIM_MACROPHAGE_180MIN_DN GSE2770_TGFB_AND_IL4_VS_IL4_TREATED_ACT_CD4_TCELL_2H_DN, GSE2770_TGFB_AND_IL4_VS_IL4_TREATED_ACT_CD4_TCELL_2H_DN GSE29164 DAY3 VS DAY7 CD8 TCELL TREATED MELANOMA UP, GSE29164 DAY3 VS DAY7 CD8 TCELL TREATED MELANOMA UP COLE BLOOD FLUMIST QUADRIVALENT AGE 03 17YO 7DY UP, COLE BLOOD FLUMIST QUADRIVALENT AGE 03 17YO 7DY UP GSE18281_PERIMEDULLARY_CORTICAL_REGION_VS_WHOLE_MEDULLA_THYMUS_UP, GSE18281_PERIMEDULLARY_CORTICAL_REGION_VS_WHOLE_MEDULLA_THYMUS_UP RECHTIEN_PBMC_RVSV_ZEBOV_AGE_18_55YO_1DY_UP, RECHTIEN_PBMC_RVSV_ZEBOV_AGE_18_55YO_1DY_UP GSE36078_UNTREATED_VS_AD5_T425A_HEXON_INF_MOUSE_LUNG_DC_DN, GSE36078_UNTREATED_VS_AD5_T425A_HEXON_INF_MOUSE_LUNG_DC_DN GSE15930_STIM_VS_STIM_AND_IFNAB_24H_CD8_T_CELL_DN, GSE15930_STIM_VS_STIM_AND_IFNAB_24H_CD8_T_CELL_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 GSE17721_POLYIC_VS_CPG_2H_BMDC_DN, GSE17721_POLYIC_VS_CPG_2H_BMDC_DN GSE5099_MONOCYTE_VS_ALTERNATIVE_M2_MACROPHAGE_UP, GSE5099_MONOCYTE_VS_ALTERNATIVE_M2_MACROPHAGE_UP GSE7852_TREG_VS_TCONV_LN_DN, GSE7852_TREG_VS_TCONV_LN_DN GSE26030 UNSTIM_VS_RESTIM_TH17_DAY5_POST_POLARIZATION_DN, GSE26030_UNSTIM_VS_RESTIM_TH17_DAY5_POST_POLARIZATION_DN GSE7459_UNTREATED_VS_IL6_TREATED_ACT_CD4_TCELL_DN, GSE7459_UNTREATED_VS_IL6_TREATED_ACT_CD4_TCELL_DN GSE1740 UNSTIM VS IFNA STIMULATED MCSF DERIVED MACROPHAGE DN, GSE1740 UNSTIM VS IFNA STIMULATED MCSF DERIVED MACROPHAGE DN GSE2770_UNTREATED_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_6H_DN, GSE2770_UNTREATED_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_6H_DN GSE7831_1H_VS_4H_INFLUENZA_STIM_PDC_DN, GSE7831_1H_VS_4H_INFLUENZA_STIM_PDC_DN GSE30083_SP2_VS_SP4_THYMOCYTE_UP, GSE30083_SP2_VS_SP4_THYMOCYTE_UP GSE43700 UNTREATED VS IL10 TREATED PBMC DN, GSE43700 UNTREATED VS IL10 TREATED PBMC DN 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 GSE21927 SPLENIC C26GM TUMOROUS VS 4T1 TUMOR MONOCYTES UP, GSE21927 SPLENIC C26GM TUMOROUS VS 4T1 TUMOR MONOCYTES UP GSE2706_LPS_VS_R848_AND_LPS_2H_STIM_DC_UP, GSE2706_LPS_VS_R848_AND_LPS_2H_STIM_DC_UP GSE1925_CTRL_VS_3H_IFNG_STIM_IFNG_PRIMED_MACROPHAGE_DN, GSE1925_CTRL_VS_3H_IFNG_STIM_IFNG_PRIMED_MACROPHAGE_DN GSE19888 ADENOSINE A3R INH VS TCELL MEMBRANES ACT MAST CELL DN, GSE19888 ADENOSINE A3R INH VS TCELL MEMBRANES ACT MAST CELL DN GSE43955_1H_VS_42H_ACT_CD4_TCELL_DN, GSE43955_1H_VS_42H_ACT_CD4_TCELL_DN

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

GSE18281_CORTEX_VS_MEDULLA_THYMUS_UP, GSE18281_CORTEX_VS_MEDULLA_THYMUS_UP

CAO_BLOOD_FLUZONE_AGE_05_14YO_30DY_UP, CAO_BLOOD_FLUZONE_AGE_05_14YO_30DY_UP

GSE11924_TH1_VS_TH17_CD4_TCELL_UP, GSE11924_TH1_VS_TH17_CD4_TCELL_UP

GSE3982 MAST_CELL_VS_BCELL_DN, GSE3982 MAST_CELL_VS_BCELL_DN

GSE34179_THPOK_KO_VS_WT_VA14I_NKTCELL_UP, GSE34179_THPOK_KO_VS_WT_VA14I_NKTCELL_UP

GSE13547_CTRL_VS_ANTI_IGM_STIM_BCELL_2H_DN, GSE13547_CTRL_VS_ANTI_IGM_STIM_BCELL_2H_DN

GSE28737_WT_VS_BCL6_KO_FOLLICULAR_BCELL_UP, GSE28737_WT_VS_BCL6_KO_FOLLICULAR_BCELL_UP

GSE32901_TH17_EMRICHED_VS_TH17_NEG_CD4_TCELL_UP, GSE32901_TH17_EMRICHED_VS_TH17_NEG_CD4_TCELL_UP

GSE30971_2H_VS_4H_LPS_STIM_MACROPHAGE_WBP7_KO_UP, GSE30971_2H_VS_4H_LPS_STIM_MACROPHAGE_WBP7_KO_UP

GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_3H_UP, GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_3H_UP

GSE15930_STIM_VS_STIM_AND_IL12_72H_CD8_T_CELL_DN, GSE15930_STIM_VS_STIM_AND_IL12_72H_CD8_T_CELL_DN

GSE41176_UNSTIM_VS_ANTI_IGM_STIM_TAK1_KO_BCELL_3H_UP, GSE41176_UNSTIM_VS_ANTI_IGM_STIM_TAK1_KO_BCELL_3H_UP

GSE37301_CD4_TCELL_VS_GRANULOCYTE_MONOCYTE_PROGENITOR_UP, GSE37301_CD4_TCELL_VS_GRANULOCYTE_MONOCYTE_PROGENITOR_UP

GSE24081_CONTROLLER_VS_PROGRESSOR_HIV_SPECIFIC_CD8_TCELL_UP, GSE24081_CONTROLLER_VS_PROGRESSOR_HIV_SPECIFIC_CD8_TCELL_UP

GSE11961_GERMINAL_CENTER_BCELL_DAY7_VS_PLASMA_CELL_DAY7_UP, GSE11961_GERMINAL_CENTER_BCELL_DAY7_VS_PLASMA_CELL_DAY7_UP

GSE21670_UNTREATED_VS_TGFB_TREATED_STAT3_KO_CD4_TCELL_UP, GSE21670_UNTREATED_VS_TGFB_TREATED_STAT3_KO_CD4_TCELL_UP

GSE21927_GMCSF_IL6_VS_GMCSF_GCSF_TREATED_BONE_MARROW_UP, GSE21927_GMCSF_IL6_VS_GMCSF_GCSF_TREATED_BONE_MARROW_UP

GSE8621_LPS_STIM_VS_LPS_PRIMED_AND_LPS_STIM_MACROPHAGE_UP, GSE8621_LPS_STIM_VS_LPS_PRIMED_AND_LPS_STIM_MACROPHAGE_UP

C57BL6 MONOCYTE TUMOR UP, GSE21927 BALBC VS C57BL6 MONOCYTE TUMOR UP

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_WITH_ARR_VS_IMM_WITH_ARR_VS_IMM_WITH_RECOMB_ADENOVIRUS_35_1DY_UP, KAZMIN_PBMC_P_FALCIPARUM_RTSS_AS01_UNKN_AGE_IMM_WITH_ARR_VS_IM