```
GSE5099_UNSTIM_VS_MCSF_TREATED_MONOCYTE_DAY7_UP, GSE5099_UNSTIM_VS_MCSF_TREATED_MONOCYTE_DAY7_UP
                                                                                                                  GSE15750_DAY6_VS_DAY10_EFF_CD8_TCELL_UP, GSE15750_DAY6_VS_DAY10_EFF_CD8_TCELL_UP
                                                                                                                  GSE16266_CTRL_VS_HEATSHOCK_AND_LPS_STIM_MEF_UP, GSE16266_CTRL_VS_HEATSHOCK_AND_LPS_STIM_MEF_UP
                                                                                                                  GSE34156 NOD2 LIGAND VS TLR1 TLR2 LIGAND 24H TREATED MONOCYTE DN, GSE34156 NOD2 LIGAND VS TLR1 TLR2 LIGAND 24H TREATED MONOCYTE DN
                                                                                                                  GSE34156_NOD2_LIGAND_VS_NOD2_AND_TLR1_TLR2_LIGAND_24H_TREATED_MONOCYTE_DN, GSE34156_NOD2_LIGAND_VS_NOD2_AND_TLR1_TLR2_LIGAND_24H_TREATED_MONOCYTE_DN
                                                                                                                  GSE34006_UNTREATED_VS_A2AR_AGONIST_TREATED_TREG_UP, GSE34006_UNTREATED_VS_A2AR_AGONIST_TREATED_TREG_UP
                                                                                                                  GSE2770 TGFB AND IL4 ACT VS ACT CD4 TCELL 2H UP, GSE2770 TGFB AND IL4 ACT VS ACT CD4 TCELL 2H UP
                                                                                                                  GSE34156_NOD2_LIGAND_VS_NOD2_AND_TLR1_TLR2_LIGAND_6H_TREATED_MONOCYTE_UP, GSE34156_NOD2_LIGAND_VS_NOD2_AND_TLR1_TLR2_LIGAND_6H_TREATED_MONOCYTE_UP
                                                                                                                  GSE31082_DP_VS_CD4_SP_THYMOCYTE_UP, GSE31082_DP_VS_CD4_SP_THYMOCYTE_UP
                                                                                                                  GSE17721_LPS_VS_PAM3CSK4_6H_BMDC_DN, GSE17721_LPS_VS_PAM3CSK4_6H_BMDC_DN
                                                                                                                  GSE37532_VISCERAL_ADIPOSE_TISSUE_VS_LN_DERIVED_PPARG_KO_TCONV_CD4_TCELL_UP, GSE37532_VISCERAL_ADIPOSE_TISSUE_VS_LN_DERIVED_PPARG_KO_TCONV_CD4_TCELL_UP
                                                                                                                  GSE24574_BCL6_HIGH_TFH_VS_TFH_CD4_TCELL_DN, GSE24574_BCL6_HIGH_TFH_VS_TFH_CD4_TCELL_DN
                                                                                                                  GSE35685_CD34POS_CD38NEG_VS_CD34POS_CD10NEG_CD62LPOS_BONE_MARROW_UP, GSE35685_CD34POS_CD38NEG_VS_CD34POS_CD10NEG_CD62LPOS_BONE_MARROW_UP
                                                                                                                  GSE22886 CTRL VS_LPS_24H_DC_UP, GSE22886 CTRL VS_LPS_24H_DC_UP
                                                                                                                  GSE3982_NEUTROPHIL_VS_BCELL_DN, GSE3982_NEUTROPHIL_VS_BCELL_DN
                                                                                                                  GSE1460_INTRATHYMIC_T_PROGENITOR_VS_NAIVE_CD4_TCELL_ADULT_BLOOD_UP, GSE1460_INTRATHYMIC_T_PROGENITOR_VS_NAIVE_CD4_TCELL_ADULT_BLOOD_UP
                                                                                                                  GSE34515_CD16_NEG_VS_POS_MONOCYTE_DN, GSE34515_CD16_NEG_VS_POS_MONOCYTE_DN
                                                                                                                  GSE1460_INTRATHYMIC_T_PROGENITOR_VS_NAIVE_CD4_TCELL_CORD_BLOOD_UP, GSE1460_INTRATHYMIC_T_PROGENITOR_VS_NAIVE_CD4_TCELL_CORD_BLOOD_UP
                                                                                                                  GSE17721_CTRL_VS_LPS_4H_BMDC_UP, GSE17721_CTRL_VS_LPS_4H_BMDC_UP
                                                                                                                  GSE11864 UNTREATED VS CSF1 IFNG IN MAC UP, GSE11864 UNTREATED VS CSF1 IFNG IN MAC UP
                                                                                                                  GSE3982_EOSINOPHIL_VS_TH2_DN, GSE3982_EOSINOPHIL_VS_TH2_DN
                                                                                                                  GSE17721 0.5H VS 8H LPS BMDC UP, GSE17721 0.5H VS 8H LPS BMDC UP
                                                                                                                  GSE17721_CTRL_VS_LPS_8H_BMDC_UP, GSE17721_CTRL_VS_LPS_8H_BMDC_UP
                                                                                                                  GSE28726_ACT_CD4_TCELL_VS_ACT_VA24NEG_NKTCELL_DN, GSE28726_ACT_CD4_TCELL_VS_ACT_VA24NEG_NKTCELL_DN
                                                                                                                  GSE23568 ID3 KO VS WT CD8 TCELL UP, GSE23568 ID3 KO VS WT CD8 TCELL UP
                                                                                                                  GSE46606_IRF4_KO_VS_WT_UNSTIM_BCELL_UP, GSE46606_IRF4_KO_VS_WT_UNSTIM_BCELL_UP
                                                                                                                  GSE3720_UNSTIM_VS_LPS_STIM_VD2_GAMMADELTA_TCELL_UP, GSE3720_UNSTIM_VS_LPS_STIM_VD2_GAMMADELTA_TCELL_UP
                                                                                                                  GSE40274_IRF4_VS_FOXP3_AND_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_IRF4_VS_FOXP3_AND_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
                                                                                                                  GSE2128_C57BL6_VS_NOD_THYMOCYTE_UP, GSE2128_C57BL6_VS_NOD_THYMOCYTE_UP
                                                                                                                  GSE22886_NAIVE_BCELL_VS_NEUTROPHIL_UP, GSE22886_NAIVE_BCELL_VS_NEUTROPHIL_UP
                                                                                                                  GSE17721_CTRL_VS_CPG_12H_BMDC_UP, GSE17721_CTRL_VS_CPG_12H_BMDC_UP
                                                                                                                  GSE23398_WT_VS_IL2_KO_CD4_TCELL_SCURFY_MOUSE_DN, GSE23398_WT_VS_IL2_KO_CD4_TCELL_SCURFY_MOUSE_DN
                                                                                                                  GSE46606_IRF4HIGH_VS_WT_CD40L_IL2_IL5_DAY3_STIMULATED_BCELL_UP, GSE46606_IRF4HIGH_VS_WT_CD40L_IL2_IL5_DAY3_STIMULATED_BCELL_UP
                                                                                                                  GSE15930_STIM_VS_STIM_AND_IFNAB_48H_CD8_T_CELL_UP, GSE15930_STIM_VS_STIM_AND_IFNAB_48H_CD8_T_CELL_UP
                                                                                                                  GSE17721_LPS_VS_POLYIC_4H_BMDC_DN, GSE17721_LPS_VS_POLYIC_4H_BMDC_DN
                                                                                                                  GOLDRATH_EFF_VS_MEMORY_CD8_TCELL_UP, GOLDRATH_EFF_VS_MEMORY_CD8_TCELL_UP
                                                                                                                  GSE24634_NAIVE_CD4_TCELL_VS_DAY7_IL4_CONV_TREG_DN, GSE24634_NAIVE_CD4_TCELL_VS_DAY7_IL4_CONV_TREG_DN
                                                                                                                  GSE24634_NAIVE_CD4_TCELL_VS_DAY10_IL4_CONV_TREG_DN, GSE24634_NAIVE_CD4_TCELL_VS_DAY10_IL4_CONV_TREG_DN
                                                                                                                  GSE2770_IL12_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_6H_DN, GSE2770_IL12_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_6H_DN
                                                                                                                  GSE9650_NAIVE_VS_EFF_CD8_TCELL_UP, GSE9650_NAIVE_VS_EFF_CD8_TCELL_UP
                                                                                                                  GSE14000_TRANSLATED_RNA_VS_MRNA_DC_DN, GSE14000_TRANSLATED_RNA_VS_MRNA_DC_DN
                                                                                                                  GSE40068 BCL6 POS VS NEG CXCR5 POS TFH DN, GSE40068 BCL6 POS VS NEG CXCR5 POS TFH DN
                                                                                                                  GSE29618_LAIV_VS_TIV_FLU_VACCINE_DAY7_BCELL_DN, GSE29618_LAIV_VS_TIV_FLU_VACCINE_DAY7_BCELL_DN
                                                                                                                  GSE10239 NAIVE VS_KLRG1INT_EFF_CD8_TCELL_UP, GSE10239_NAIVE_VS_KLRG1INT_EFF_CD8_TCELL_UP
                                                                                                                  GSE25087 FETAL VS ADULT TCONV UP, GSE25087 FETAL VS ADULT TCONV UP
                                                                                                                 GSE34156_UNTREATED_VS_24H_TLR1_TLR2_LIGAND_TREATED_MONOCYTE_DN, GSE34156_UNTREATED_VS_24H_TLR1_TLR2_LIGAND_TREATED_MONOCYTE_DN
                                                                                                                  GSE25088 CTRL VS IL4 AND ROSIGLITAZONE STIM STAT6 KO MACROPHAGE UP, GSE25088 CTRL VS IL4 AND ROSIGLITAZONE STIM STAT6 KO MACROPHAGE UP
                                                                                                                 GSE3039 NKT CELL VS B1 BCELL DN, GSE3039 NKT CELL VS B1 BCELL DN
                                                                                                                 GSE3982_EOSINOPHIL_VS_BASOPHIL_DN, GSE3982_EOSINOPHIL_VS_BASOPHIL_DN
                                                                                                                  GSE43260_BTLA_POS_VS_NEG_INTRATUMORAL_CD8_TCELL_DN, GSE43260_BTLA_POS_VS_NEG_INTRATUMORAL_CD8_TCELL_DN
                                                                                                                  GSE22886_IGM_MEMORY_BCELL_VS_BM_PLASMA_CELL_UP, GSE22886_IGM_MEMORY_BCELL_VS_BM_PLASMA_CELL_UP
                                                                                                                 KAECH_NAIVE_VS_DAY8_EFF_CD8_TCELL_UP, KAECH_NAIVE_VS_DAY8_EFF_CD8_TCELL_UP
                                                                                                                 GSE43955_10H_VS_60H_ACT_CD4_TCELL_WITH_TGFB_IL6_UP, GSE43955_10H_VS_60H_ACT_CD4_TCELL_WITH_TGFB_IL6_UP
                                                                                                                 GSE17721_0.5H_VS_4H_LPS_BMDC_UP, GSE17721_0.5H_VS_4H_LPS_BMDC_UP
                                                                                                                 GSE9006_TYPE_1_VS_TYPE_2_DIABETES_PBMC_AT_DX_DN, GSE9006_TYPE_1_VS_TYPE_2_DIABETES_PBMC_AT_DX_DN
                                                                                                                 GSE41978_ID2_KO_VS_ID2_KO_AND_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_DN, GSE41978_ID2_KO_VS_ID2_KO_AND_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_DN
                                                                                                                  GSE1925_3H_VS_24H_IFNG_STIM_IFNG_PRIMED_MACROPHAGE_DN, GSE1925_3H_VS_24H_IFNG_STIM_IFNG_PRIMED_MACROPHAGE_DN
                                                                                                                  GSE17721_POLYIC_VS_GARDIQUIMOD_16H_BMDC_DN, GSE17721_POLYIC_VS_GARDIQUIMOD_16H_BMDC_DN
                                                                                                                  GSE17721_POLYIC_VS_CPG_4H_BMDC_UP, GSE17721_POLYIC_VS_CPG_4H_BMDC_UP
                                                                                                                  GSE23321_CENTRAL_VS_EFFECTOR_MEMORY_CD8_TCELL_DN, GSE23321_CENTRAL_VS_EFFECTOR_MEMORY_CD8_TCELL_DN
                                                                                                                  GSE9960_GRAM_POS_VS_GRAM_NEG_AND_POS_SEPSIS_PBMC_UP, GSE9960_GRAM_POS_VS_GRAM_NEG_AND_POS_SEPSIS_PBMC_UP
                                                                                                                  GSE40666_WT_VS_STAT1_KO_CD8_TCELL_WITH_IFNA_STIM_90MIN_DN, GSE40666_WT_VS_STAT1_KO_CD8_TCELL_WITH_IFNA_STIM_90MIN_DN
                                                                                                                  GSE22886_IL2_VS_IL15_STIM_NKCELL_DN, GSE22886_IL2_VS_IL15_STIM_NKCELL_DN
                                                                                                                  GSE43955_1H_VS_42H_ACT_CD4_TCELL_WITH_TGFB_IL6_UP, GSE43955_1H_VS_42H_ACT_CD4_TCELL_WITH_TGFB_IL6_UP
                                                                                                                  GSE24634_NAIVE_CD4_TCELL_VS_DAY5_IL4_CONV_TREG_UP, GSE24634_NAIVE_CD4_TCELL_VS_DAY5_IL4_CONV_TREG_UP
                                                                                                                  GSE10240_CTRL_VS_IL22_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_DN, GSE10240_CTRL_VS_IL22_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_DN
                                                                                                                  GSE16385_IL4_VS_ROSIGLITAZONE_STIM_MACROPHAGE_UP, GSE16385_IL4_VS_ROSIGLITAZONE_STIM_MACROPHAGE_UP
                                                                                                                  GSE5463_CTRL_VS_DEXAMETHASONE_TREATED_THYMOCYTE_DN, GSE5463_CTRL_VS_DEXAMETHASONE_TREATED_THYMOCYTE_DN
                                                                                                                  GSE25085_FETAL_LIVER_VS_FETAL_BM_SP4_THYMIC_IMPLANT_UP, GSE25085_FETAL_LIVER_VS_FETAL_BM_SP4_THYMIC_IMPLANT_UP
                                                                                                                  GSE43955_1H_VS_60H_ACT_CD4_TCELL_WITH_TGFB_IL6_UP, GSE43955_1H_VS_60H_ACT_CD4_TCELL_WITH_TGFB_IL6_UP
                                                                                                                  GSE6269_HEALTHY_VS_FLU_INF_PBMC_UP, GSE6269_HEALTHY_VS_FLU_INF_PBMC_UP
                                                                                                                  GSE10239_NAIVE_VS_DAY4.5_EFF_CD8_TCELL_UP, GSE10239_NAIVE_VS_DAY4.5_EFF_CD8_TCELL_UP
                                                                                                                  GSE23568_CTRL_VS_ID3_TRANSDUCED_CD8_TCELL_DN, GSE23568_CTRL_VS_ID3_TRANSDUCED_CD8_TCELL_DN
                                                                                                                  GSE17186_NAIVE_VS_CD21LOW_TRANSITIONAL_BCELL_DN, GSE17186_NAIVE_VS_CD21LOW_TRANSITIONAL_BCELL_DN
                                                                                                                  GSE20727_H2O2_VS_ROS_INHIBITOR_TREATED_DC_DN, GSE20727_H2O2_VS_ROS_INHIBITOR_TREATED_DC_DN
                                                                                                                  GSE21927_SPLEEN_C57BL6_VS_4T1_TUMOR_BALBC_MONOCYTES_UP, GSE21927_SPLEEN_C57BL6_VS_4T1_TUMOR_BALBC_MONOCYTES_UP
                                                                                                                  GSE3982_EOSINOPHIL_VS_BCELL_DN, GSE3982_EOSINOPHIL_VS_BCELL_DN
                                                                                                                  GSE3982_MAC_VS_TH2_DN, GSE3982_MAC_VS_TH2_DN
                                                                                                                  GSE22886_IGG_IGA_MEMORY_BCELL_VS_BM_PLASMA_CELL_UP, GSE22886_IGG_IGA_MEMORY_BCELL_VS_BM_PLASMA_CELL_UP
                                                                                                                  GSE22443 IL2 VS IL12 TREATED ACT CD8 TCELL DN, GSE22443 IL2 VS IL12 TREATED ACT CD8 TCELL DN
                                                                                                                  GSE24574_BCL6_HIGH_VS_LOW_TFH_CD4_TCELL_UP, GSE24574_BCL6_HIGH_VS_LOW_TFH_CD4_TCELL_UP
                                                                                                                  GSE22025_PROGESTERONE_VS_TGFB1_AND_PROGESTERONE_TREATED_CD4_TCELL_UP, GSE22025_PROGESTERONE_VS_TGFB1_AND_PROGESTERONE_TREATED_CD4_TCELL_UP
                                                                                                                  GSE32986_GMCSF_VS_GMCSF_AND_CURDLAN_LOWDOSE_STIM_DC_DN, GSE32986_GMCSF_VS_GMCSF_AND_CURDLAN_LOWDOSE_STIM_DC_DN
                                                                                                                  GSE41978_KLRG1_HIGH_VS_LOW_EFFECTOR_CD8_TCELL_DN, GSE41978_KLRG1_HIGH_VS_LOW_EFFECTOR_CD8_TCELL_DN
                                                                                                                  GSE2405_S_AUREUS_VS_UNTREATED_NEUTROPHIL_DN, GSE2405_S_AUREUS_VS_UNTREATED_NEUTROPHIL_DN
                                                                                                                  GSE15330_HSC_VS_PRO_BCELL_UP, GSE15330_HSC_VS_PRO_BCELL_UP
                                                                                                                  GSE33425 CD8 ALPHAALPHA VS ALPHABETA CD161 HIGH TCELL DN, GSE33425 CD8 ALPHAALPHA VS ALPHABETA CD161 HIGH TCELL DN
                                                                                                                  GSE27859_MACROPHAGE_VS_CD11C_INT_F480_INT_DC_DN, GSE27859_MACROPHAGE_VS_CD11C_INT_F480_INT_DC_DN
                                                                                                                  GSE3565 CTRL VS LPS INJECTED SPLENOCYTES DN, GSE3565 CTRL VS LPS INJECTED SPLENOCYTES DN
                                                                                                                  GSE37605_TREG_VS_TCONV_C57BL6_FOXP3_IRES_GFP_DN, GSE37605_TREG_VS_TCONV_C57BL6_FOXP3_IRES_GFP_DN
                                                                                                                  GSE26156_DOUBLE_POSITIVE_VS_CD4_SINGLE_POSITIVE_THYMOCYTE_UP, GSE26156_DOUBLE_POSITIVE_VS_CD4_SINGLE_POSITIVE_THYMOCYTE_UP
                                                                                                                  GSE39110_DAY3_VS_DAY6_POST_IMMUNIZATION_CD8_TCELL_UP, GSE39110_DAY3_VS_DAY6_POST_IMMUNIZATION_CD8_TCELL_UP
                                                                                                                  GSE13411_PLASMA_CELL_VS_MEMORY_BCELL_DN, GSE13411_PLASMA_CELL_VS_MEMORY_BCELL_DN
                                                                                                                  GSE1925_CTRL_VS_IFNG_PRIMED_MACROPHAGE_3H_IFNG_STIM_UP, GSE1925_CTRL_VS_IFNG_PRIMED_MACROPHAGE_3H_IFNG_STIM_UP
                                                                                                                  GSE9650_EFFECTOR_VS_MEMORY_CD8_TCELL_DN, GSE9650_EFFECTOR_VS_MEMORY_CD8_TCELL_DN
                                                                                                                  GSE5589_WT_VS_IL6_KO_LPS_STIM_MACROPHAGE_45MIN_UP, GSE5589_WT_VS_IL6_KO_LPS_STIM_MACROPHAGE_45MIN_UP
                                                                                                                  GOLDRATH_EFF_VS_MEMORY_CD8_TCELL_DN, GOLDRATH_EFF_VS_MEMORY_CD8_TCELL_DN
                                                                                                                  GSE9006_HEALTHY_VS_TYPE_1_DIABETES_PBMC_AT_DX_UP, GSE9006_HEALTHY_VS_TYPE_1_DIABETES_PBMC_AT_DX_UP
                                                                                                                  GSE17721 12H VS 24H CPG BMDC DN, GSE17721 12H VS 24H CPG BMDC DN
                                                                                                                  GSE9960 HEALTHY VS GRAM POS SEPSIS PBMC UP, GSE9960 HEALTHY VS GRAM POS SEPSIS PBMC UP
                                                                                                                  KAECH_DAY15_EFF_VS_MEMORY_CD8_TCELL_DN, KAECH_DAY15_EFF_VS_MEMORY_CD8_TCELL_DN
                                                                                                                  GSE25123_CTRL_VS_IL4_STIM_MACROPHAGE_DN, GSE25123_CTRL_VS_IL4_STIM_MACROPHAGE_DN
                                                                                                                  GSE339_CD8POS_VS_CD4CD8DN_DC_IN_CULTURE_UP, GSE339_CD8POS_VS_CD4CD8DN_DC_IN_CULTURE_UP
                                                                                                                  GSE11961_FOLLICULAR_BCELL_VS_GERMINAL_CENTER_BCELL_DAY40_DN, GSE11961_FOLLICULAR_BCELL_VS_GERMINAL_CENTER_BCELL_DAY40_DN
                                                                                                                  GSE17721_0.5H_VS_8H_PAM3CSK4_BMDC_UP, GSE17721_0.5H_VS_8H_PAM3CSK4_BMDC_UP
                                                                                                                  GSE7852 LN VS THYMUS TREG DN, GSE7852 LN VS THYMUS TREG DN
                                                                                                                  GSE36392_TYPE_2_MYELOID_VS_EOSINOPHIL_IL25_TREATED_LUNG_UP, GSE36392_TYPE_2_MYELOID_VS_EOSINOPHIL_IL25_TREATED_LUNG_UP
                                                                                                                  GSE411 UNSTIM VS 100MIN IL6 STIM MACROPHAGE UP, GSE411 UNSTIM VS 100MIN IL6 STIM MACROPHAGE UP
                                                                                                                  GSE33374_CD8_ALPHAALPHA_VS_ALPHABETA_CD161_HIGH_TCELL_DN, GSE33374_CD8_ALPHAALPHA_VS_ALPHABETA_CD161_HIGH_TCELL_DN
                                                                                                                  GSE45365_CTRL_VS_MCMV_INFECTION_NK_CELL_DN, GSE45365_CTRL_VS_MCMV_INFECTION_NK_CELL_DN
                                                                                                                  KAECH_DAY8_EFF_VS_MEMORY_CD8_TCELL_DN, KAECH_DAY8_EFF_VS_MEMORY_CD8_TCELL_DN
                                                                                                                  GSE13484_12H_VS_3H_YF17D_VACCINE_STIM_PBMC_DN, GSE13484_12H_VS_3H_YF17D_VACCINE_STIM_PBMC_DN
                                                                                                                   GSE23568_CTRL_TRANSDUCED_VS_WT_CD8_TCELL_DN, GSE23568_CTRL_TRANSDUCED_VS_WT_CD8_TCELL_DN
                                                                                                                   GSE42724_NAIVE_VS_MEMORY_BCELL_DN, GSE42724_NAIVE_VS_MEMORY_BCELL_DN
                                                                                                                   GSE3982_EOSINOPHIL_VS_CENT_MEMORY_CD4_TCELL_DN, GSE3982_EOSINOPHIL_VS_CENT_MEMORY_CD4_TCELL_DN
                                                                                                                   GSE360_DC_VS_MAC_B_MALAYI_LOW_DOSE_UP, GSE360_DC_VS_MAC_B_MALAYI_LOW_DOSE_UP
                                                                                                                   GSE40666_NAIVE_VS_EFFECTOR_CD8_TCELL_WITH_IFNA_STIM_90MIN_DN, GSE40666_NAIVE_VS_EFFECTOR_CD8_TCELL_WITH_IFNA_STIM_90MIN_DN
                                                                                                                   GSE39152_BRAIN_VS_SPLEEN_CD103_NEG_MEMORY_CD8_TCELL_UP, GSE39152_BRAIN_VS_SPLEEN_CD103_NEG_MEMORY_CD8_TCELL_UP
                                                                                                                   GSE25123_IL4_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DAY10_DN, GSE25123_IL4_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DAY10_DN
                                                                                                                  GSE14000_TRANSLATED_RNA_VS_MRNA_4H_LPS_DC_DN, GSE14000_TRANSLATED_RNA_VS_MRNA_4H_LPS_DC_DN
                                                                                                                  GSE17721_LPS_VS_POLYIC_6H_BMDC_DN, GSE17721_LPS_VS_POLYIC_6H_BMDC_DN
                                                                                                                  GSE14308_TH17_VS_NATURAL_TREG_UP, GSE14308_TH17_VS_NATURAL_TREG_UP
                                                                                                                  GSE17721_CTRL_VS_LPS_24H_BMDC_UP, GSE17721_CTRL_VS_LPS_24H_BMDC_UP
                                                                                                                  GSE2770_TGFB_AND_IL4_ACT_VS_ACT_CD4_TCELL_6H_UP, GSE2770_TGFB_AND_IL4_ACT_VS_ACT_CD4_TCELL_6H_UP
                                                                                                                  KAECH_NAIVE_VS_DAY15_EFF_CD8_TCELL_UP, KAECH_NAIVE_VS_DAY15_EFF_CD8_TCELL_UP
CYTOPHILUM_STIM_NEUTROPHIL_DN, GSE2405_0H_VS_9H_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_DN
                                                                                                                  GSE18804_SPLEEN_MACROPHAGE_VS_TUMORAL_MACROPHAGE_DN, GSE18804_SPLEEN_MACROPHAGE_VS_TUMORAL_MACROPHAGE_DN
                                                                                                                  GSE32034_UNTREATED_VS_ROSIGLIZATONE_TREATED_LY6C_HIGH_MONOCYTE_DN, GSE32034_UNTREATED_VS_ROSIGLIZATONE_TREATED_LY6C_HIGH_MONOCYTE_DN
                                                                                                                  GSE17721_0.5H_VS_24H_PAM3CSK4_BMDC_UP, GSE17721_0.5H_VS_24H_PAM3CSK4_BMDC_UP
                                                                                                                  GSE17186_NAIVE_VS_CD21HIGH_TRANSITIONAL_BCELL_CORD_BLOOD_DN, GSE17186_NAIVE_VS_CD21HIGH_TRANSITIONAL_BCELL_CORD_BLOOD_DN
                                                                                                                  GSE39110_DAY3_VS_DAY6_POST_IMMUNIZATION_CD8_TCELL_WITH_IL2_TREATMENT_DN, GSE39110_DAY3_VS_DAY6_POST_IMMUNIZATION_CD8_TCELL_WITH_IL2_TREATMENT_DN
                                                                                                                  GSE15733_BM_VS_SPLEEN_MEMORY_CD4_TCELL_DN, GSE15733_BM_VS_SPLEEN_MEMORY_CD4_TCELL_DN
                                                                                                                   GSE10500_ARTHRITIC_SYNOVIAL_FLUID_VS_HEALTHY_MACROPHAGE_UP, GSE10500_ARTHRITIC_SYNOVIAL_FLUID_VS_HEALTHY_MACROPHAGE_UP
                                                                                                                   GSE25088_WT_VS_STAT6_KO_MACROPHAGE_DN, GSE25088_WT_VS_STAT6_KO_MACROPHAGE_DN
                                                                                                                   GSE21670_UNTREATED_VS_TGFB_IL6_TREATED_CD4_TCELL_DN, GSE21670_UNTREATED_VS_TGFB_IL6_TREATED_CD4_TCELL_DN
                                                                                                                  GOLDRATH_NAIVE_VS_MEMORY_CD8_TCELL_UP, GOLDRATH_NAIVE_VS_MEMORY_CD8_TCELL_UP
                                                                                                                   GSE7460_TREG_VS_TCONV_ACT_WITH_TGFB_DN, GSE7460_TREG_VS_TCONV_ACT_WITH_TGFB_DN
                                                                                                                   GSE36888_UNTREATED_VS_IL2_TREATED_STAT5_AB_KNOCKIN_TCELL_2H_DN, GSE36888_UNTREATED_VS_IL2_TREATED_STAT5_AB_KNOCKIN_TCELL_2H_DN
                                                                                                                   GSE3982_CTRL_VS_IGE_STIM_MAST_CELL_UP, GSE3982_CTRL_VS_IGE_STIM_MAST_CELL_UP
                                                                                                                   GSE11057_PBMC_VS_MEM_CD4_TCELL_DN, GSE11057_PBMC_VS_MEM_CD4_TCELL_DN
                                                                                                                   GSE32164_RESTING_DIFFERENTIATED_VS_CMYC_INHIBITED_MACROPHAGE_DN, GSE32164_RESTING_DIFFERENTIATED_VS_CMYC_INHIBITED_MACROPHAGE_DN
                                                                                                                   GSE34205_HEALTHY_VS_RSV_INF_INFANT_PBMC_UP, GSE34205_HEALTHY_VS_RSV_INF_INFANT_PBMC_UP
                                                                                                                  GSE26351_UNSTIM_VS_BMP_PATHWAY_STIM_HEMATOPOIETIC_PROGENITORS_DN, GSE26351_UNSTIM_VS_BMP_PATHWAY_STIM_HEMATOPOIETIC_PROGENITORS_DN
                                                                                                                   GSE25123_ROSIGLITAZONE_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DAY10_UP, GSE25123_ROSIGLITAZONE_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DAY10_UP
                                                                                                                  GSE360_L_DONOVANI_VS_B_MALAYI_LOW_DOSE_MAC_UP, GSE360_L_DONOVANI_VS_B_MALAYI_LOW_DOSE_MAC_UP
                                                                                                                  GSE36078_WT_VS_IL1R_KO_LUNG_DC_AFTER_AD5_T425A_HEXON_INF_DN, GSE36078_WT_VS_IL1R_KO_LUNG_DC_AFTER_AD5_T425A_HEXON_INF_DN
                                                                                                                  GSE17186_MEMORY_VS_CD21LOW_TRANSITIONAL_BCELL_DN, GSE17186_MEMORY_VS_CD21LOW_TRANSITIONAL_BCELL_DN
                                                                                                                  GSE30971_CTRL_VS_LPS_STIM_MACROPHAGE_WBP7_HET_4H_UP, GSE30971_CTRL_VS_LPS_STIM_MACROPHAGE_WBP7_HET_4H_UP
                                                                                                                  GSE3982_EOSINOPHIL_VS_EFF_MEMORY_CD4_TCELL_DN, GSE3982_EOSINOPHIL_VS_EFF_MEMORY_CD4_TCELL_DN
                                                                                                                  GSE15930_STIM_VS_STIM_AND_IL12_72H_CD8_T_CELL_UP, GSE15930_STIM_VS_STIM_AND_IL12_72H_CD8_T_CELL_UP
                                                                                                                  GSE33424_CD161_HIGH_VS_NEG_CD8_TCELL_DN, GSE33424_CD161_HIGH_VS_NEG_CD8_TCELL_DN
                                                                                                                  GSE10325_LUPUS_BCELL_VS_LUPUS_MYELOID_UP, GSE10325_LUPUS_BCELL_VS_LUPUS_MYELOID_UP
                                                                                                                  GSE10325_MYELOID_VS_LUPUS_MYELOID_UP, GSE10325_MYELOID_VS_LUPUS_MYELOID_UP
                                                                                                                  GSE17721_CTRL_VS_GARDIQUIMOD_12H_BMDC_UP, GSE17721_CTRL_VS_GARDIQUIMOD_12H_BMDC_UP
                                                                                                                  GSE37301_GRANULOCYTE_MONOCYTE_PROGENITOR_VS_RAG2_KO_NK_CELL_DN, GSE37301_GRANULOCYTE_MONOCYTE_PROGENITOR_VS_RAG2_KO_NK_CELL_DN
                                                                                                                  GSE17721_LPS_VS_GARDIQUIMOD_0.5H_BMDC_DN, GSE17721_LPS_VS_GARDIQUIMOD_0.5H_BMDC_DN
                                                                                                                  GSE14415_INDUCED_TREG_VS_FOXP3_KO_INDUCED_TREG_UP, GSE14415_INDUCED_TREG_VS_FOXP3_KO_INDUCED_TREG_UP
                                                                                                                  GSE11961_FOLLICULAR_BCELL_VS_MEMORY_BCELL_DAY7_UP, GSE11961_FOLLICULAR_BCELL_VS_MEMORY_BCELL_DAY7_UP
                                                                                                                  GSE3565_CTRL_VS_LPS_INJECTED_DUSP1_KO_SPLENOCYTES_DN, GSE3565_CTRL_VS_LPS_INJECTED_DUSP1_KO_SPLENOCYTES_DN
                                                                                                                  GSE9006 TYPE 1 DIABETES AT DX VS 1MONTH POST DX PBMC DN, GSE9006 TYPE 1 DIABETES AT DX VS 1MONTH POST DX PBMC DN
                                                                                                                  GSE20727_CTRL_VS_DNFB_ALLERGEN_TREATED_DC_DN, GSE20727_CTRL_VS_DNFB_ALLERGEN_TREATED_DC_DN
                                                                                                                  GSE5503_LIVER_DC_VS_PLN_DC_ACTIVATED_ALLOGENIC_TCELL_UP, GSE5503_LIVER_DC_VS_PLN_DC_ACTIVATED_ALLOGENIC_TCELL_UP
                                                                                                                  GSE17721_PAM3CSK4_VS_CPG_1H_BMDC_DN, GSE17721_PAM3CSK4_VS_CPG_1H_BMDC_DN
                                                                                                                  GSE3982_MAC_VS_BCELL_DN, GSE3982_MAC_VS_BCELL_DN
                                                                                                                  GSE10325 CD4_TCELL_VS_LUPUS_CD4_TCELL_UP, GSE10325_CD4_TCELL_VS_LUPUS_CD4_TCELL_UP
                                                                                                                  GSE15930_STIM_VS_STIM_AND_IL12_24H_CD8_T_CELL_UP, GSE15930_STIM_VS_STIM_AND_IL12_24H_CD8_T_CELL_UP
                                                                                                                  GSE2405_HEAT_KILLED_LYSATE_VS_LIVE_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_9H_UP, GSE2405_HEAT_KILLED_LYSATE_VS_LIVE_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_9H_UP
                                                                                                                  GSE3982_DC_VS_CENT_MEMORY_CD4_TCELL_DN, GSE3982_DC_VS_CENT_MEMORY_CD4_TCELL_DN
                                                                                                                  GSE3920_IFNB_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP, GSE3920_IFNB_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP
                                                                                                                  GSE24142_EARLY_THYMIC_PROGENITOR_VS_DN3_THYMOCYTE_DN, GSE24142_EARLY_THYMIC_PROGENITOR_VS_DN3_THYMOCYTE_DN
                                                                                                                  GSE33162 UNTREATED VS 4H LPS STIM HDAC3 HET MACROPHAGE UP, GSE33162 UNTREATED VS 4H LPS STIM HDAC3 HET MACROPHAGE UP
                                                                                                                  GSE26488_CTRL_VS_PEPTIDE_INJECTION_HDAC7_DELTAP_TG_OT2_THYMOCYTE_DN, GSE26488_CTRL_VS_PEPTIDE_INJECTION_HDAC7_DELTAP_TG_OT2_THYMOCYTE_DN
                                                                                                                  GSE22886_NAIVE_BCELL_VS_DC_UP, GSE22886_NAIVE_BCELL_VS_DC_UP
                                                                                                                  GSE3920_UNTREATED_VS_IFNA_TREATED_ENDOTHELIAL_CELL_DN, GSE3920_UNTREATED_VS_IFNA_TREATED_ENDOTHELIAL_CELL_DN
                                                                                                                  GSE16451_CTRL_VS_WEST_EQUINE_ENC_VIRUS_IMMATURE_NEURON_CELL_LINE_UP, GSE16451_CTRL_VS_WEST_EQUINE_ENC_VIRUS_IMMATURE_NEURON_CELL_LINE_UP
                                                                                                                  GSE14413_UNSTIM_VS_IFNB_STIM_NIH3T3_CELLS_UP, GSE14413_UNSTIM_VS_IFNB_STIM_NIH3T3_CELLS_UP
                                                                                                                  GSE29164_CD8_TCELL_VS_CD8_TCELL_AND_IL12_TREATED_MELANOMA_DAY3_DN, GSE29164_CD8_TCELL_VS_CD8_TCELL_AND_IL12_TREATED_MELANOMA_DAY3_DN
                                                                                                                  GSE37416 12H VS 48H F TULARENSIS LVS NEUTROPHIL DN, GSE37416 12H VS 48H F TULARENSIS LVS NEUTROPHIL DN
                                                                                                                  GSE22935_UNSTIM_VS_48H_MBOVIS_BCG_STIM_MACROPHAGE_DN, GSE22935_UNSTIM_VS_48H_MBOVIS_BCG_STIM_MACROPHAGE_DN
                                                                                                                  GSE3982_DC_VS_BCELL_DN, GSE3982_DC_VS_BCELL_DN
                                                                                                                  GSE29618_BCELL_VS_MONOCYTE_DAY7_FLU_VACCINE_UP, GSE29618_BCELL_VS_MONOCYTE_DAY7_FLU_VACCINE_UP
                                                                                                                  GSE17721_POLYIC_VS_GARDIQUIMOD_1H_BMDC_UP, GSE17721_POLYIC_VS_GARDIQUIMOD_1H_BMDC_UP
                                                                                                                  GSE8621_LPS_PRIMED_UNSTIM_VS_LPS_PRIMED_AND_LPS_STIM_MACROPHAGE_UP, GSE8621_LPS_PRIMED_UNSTIM_VS_LPS_PRIMED_AND_LPS_STIM_MACROPHAGE_UP
                                                                                                                  GSE6269_E_COLI_VS_STAPH_AUREUS_INF_PBMC_UP, GSE6269_E_COLI_VS_STAPH_AUREUS_INF_PBMC_UP
                                                                                                                  GSE339_EX_VIVO_VS_IN_CULTURE_CD4CD8DN_DC_DN, GSE339_EX_VIVO_VS_IN_CULTURE_CD4CD8DN_DC_DN
                                                                                                                  GSE30971_2H_VS_4H_LPS_STIM_MACROPHAGE_WBP7_KO_DN, GSE30971_2H_VS_4H_LPS_STIM_MACROPHAGE_WBP7_KO_DN
                                                                                                                  GAUCHER_PBMC_YF_VAX_STAMARIL_UNKNOWN_AGE_10DY_DN, GAUCHER_PBMC_YF_VAX_STAMARIL_UNKNOWN_AGE_10DY_DN
                                                                                                                  GSE4984_UNTREATED_VS_GALECTIN1_TREATED_DC_DN, GSE4984_UNTREATED_VS_GALECTIN1_TREATED_DC_DN
                                                                                                                  GSE10325_LUPUS_CD4_TCELL_VS_LUPUS_MYELOID_UP, GSE10325_LUPUS_CD4_TCELL_VS_LUPUS_MYELOID_UP
                                                                                                                  GSE14415_FOXP3_KO_NATURAL_TREG_VS_TCONV_UP, GSE14415_FOXP3_KO_NATURAL_TREG_VS_TCONV_UP
                                                                                                                  GSE22601_DOUBLE_NEGATIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_UP, GSE22601_DOUBLE_NEGATIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_UP
                                                                                                                  GSE14308 NAIVE CD4 TCELL VS NATURAL TREG UP, GSE14308 NAIVE CD4 TCELL VS NATURAL TREG UP
                                                                                                                  GSE2770 TGFB AND IL4 VS IL12 TREATED ACT CD4 TCELL 2H UP, GSE2770 TGFB AND IL4 VS IL12 TREATED ACT CD4 TCELL 2H UP
                                                                                                                 GSE1460_CD4_THYMOCYTE_VS_THYMIC_STROMAL_CELL_DN, GSE1460_CD4_THYMOCYTE_VS_THYMIC_STROMAL_CELL_DN
                                                                                                                 GSE36476 YOUNG VS OLD DONOR MEMORY CD4 TCELL UP, GSE36476 YOUNG VS OLD DONOR MEMORY CD4 TCELL UP
                                                                                                                  GSE28783_CTRL_ANTI_MIR_VS_UNTREATED_ATHEROSCLEROSIS_MACROPHAGE_DN, GSE28783_CTRL_ANTI_MIR_VS_UNTREATED_ATHEROSCLEROSIS_MACROPHAGE_DN
                                                                                                                 GSE17721_LPS_VS_PAM3CSK4_0.5H_BMDC_UP, GSE17721_LPS_VS_PAM3CSK4_0.5H_BMDC_UP
                                                                                                                  GSE32034 LY6C HIGH VS LOW ROSIGLIZATONE TREATED MONOCYTE UP, GSE32034 LY6C HIGH VS LOW ROSIGLIZATONE TREATED MONOCYTE UP
                                                                                                                  GSE24671_CTRL_VS_BAKIMULC_INFECTED_MOUSE_SPLENOCYTES_DN, GSE24671_CTRL_VS_BAKIMULC_INFECTED_MOUSE_SPLENOCYTES_DN
                                                                                                                 GSE42021_CD24LO_TREG_VS_CD24LO_TCONV_THYMUS_UP, GSE42021_CD24LO_TREG_VS_CD24LO_TCONV_THYMUS_UP
                                                                                                                 GSE12505 WT VS E2 2 HET PDC DN, GSE12505 WT VS E2 2 HET PDC DN
                                                                                                                 GSE7460_FOXP3_MUT_VS_HET_ACT_TCONV_DN, GSE7460_FOXP3_MUT_VS_HET_ACT_TCONV_DN
                                                                                                                 GSE15659_NAIVE_CD4_TCELL_VS_RESTING_TREG_DN, GSE15659_NAIVE_CD4_TCELL_VS_RESTING_TREG_DN
                                                                                                                  GSE37301_RAG2_KO_VS_RAG2_AND_ETS1_KO_NK_CELL_UP, GSE37301_RAG2_KO_VS_RAG2_AND_ETS1_KO_NK_CELL_UP
                                                                                                                  GSE19941_IL10_KO_VS_IL10_KO_AND_NFKBP50_KO_LPS_STIM_MACROPHAGE_UP, GSE19941_IL10_KO_VS_IL10_KO_AND_NFKBP50_KO_LPS_STIM_MACROPHAGE_UP
                                                                                                                  GSE41867_NAIVE_VS_DAY8_LCMV_CLONE13_EFFECTOR_CD8_TCELL_DN, GSE41867_NAIVE_VS_DAY8_LCMV_CLONE13_EFFECTOR_CD8_TCELL_DN
                                                                                                                  GAUCHER_PBMC_YF_VAX_STAMARIL_UNKNOWN_AGE_28DY_DN, GAUCHER_PBMC_YF_VAX_STAMARIL_UNKNOWN AGE 28DY DN
                                                                                                                  SCHERER_PBMC_APSV_WETVAX_AGE_18_32YO_2_TO_4DY_DN, SCHERER_PBMC_APSV_WETVAX_AGE_18_32YO_2_TO_4DY_DN
                                                                                                                  GSE21670 TGFB VS IL6 TREATED STAT3 KO CD4 TCELL UP, GSE21670 TGFB VS IL6 TREATED STAT3 KO CD4 TCELL UP
                                                                                                                  GSE20715 WT VS TLR4 KO 48H OZONE LUNG UP, GSE20715 WT VS TLR4 KO 48H OZONE LUNG UP
                                                                                                                  GSE17721_PAM3CSK4_VS_GADIQUIMOD_1H_BMDC_UP, GSE17721_PAM3CSK4_VS_GADIQUIMOD_1H_BMDC_UP
                                                                                                                  GSE25087 TREG VS TCONV ADULT DN, GSE25087 TREG VS TCONV ADULT DN
                                                                                                                  GSE1925 CTRL VS IFNG PRIMED MACROPHAGE UP, GSE1925 CTRL VS IFNG PRIMED MACROPHAGE UP
                                                                                                                  GSE2124_CTRL_VS_LYMPHOTOXIN_BETA_TREATED_MLN_DN, GSE2124_CTRL_VS_LYMPHOTOXIN_BETA_TREATED_MLN_DN
                                                                                                                  GSE20366 EX VIVO VS HOMEOSTATIC CONVERSION TREG DN, GSE20366 EX VIVO VS HOMEOSTATIC CONVERSION TREG DN
                                                                                                                  GSE2585_THYMIC_DC_VS_MTEC_DN, GSE2585_THYMIC_DC_VS_MTEC_DN
                                                                                                                  GSE13411_SWITCHED_MEMORY_BCELL_VS_PLASMA_CELL_DN, GSE13411_SWITCHED_MEMORY_BCELL_VS_PLASMA_CELL_DN
                                                                                                                  GSE10240 CTRL VS IL17 STIM PRIMARY BRONCHIAL EPITHELIAL CELLS UP, GSE10240 CTRL VS IL17 STIM PRIMARY BRONCHIAL EPITHELIAL CELLS UP
                                                                                                                  GSE28737_WT_VS_BCL6_HET_FOLLICULAR_BCELL_UP, GSE28737_WT_VS_BCL6_HET_FOLLICULAR_BCELL_UP
                                                                                                                  GSE36078_UNTREATED_VS_AD5_T425A_HEXON_INF_IL1R_KO_MOUSE_LUNG_DC_DN, GSE36078_UNTREATED_VS_AD5_T425A_HEXON_INF_IL1R_KO_MOUSE_LUNG_DC_DN
                                                                                                                  GSE6269 FLU_VS_E_COLI_INF_PBMC_DN, GSE6269_FLU_VS_E_COLI_INF_PBMC_DN
                                                                                                                  GSE2585_THYMIC_DC_VS_MTEC_UP, GSE2585_THYMIC_DC_VS_MTEC_UP
                                                                                                                  GSE27786_BCELL_VS_CD8_TCELL_DN, GSE27786_BCELL_VS_CD8_TCELL_DN
                                                                                                                  GSE2706_R848_VS_R848_AND_LPS_2H_STIM_DC_UP, GSE2706_R848_VS_R848_AND_LPS_2H_STIM_DC_UP
                                                                                                                  GSE27786_ERYTHROBLAST_VS_MONO_MAC_UP, GSE27786_ERYTHROBLAST_VS_MONO_MAC_UP
                                                                                                                  GSE22282_HYPOXIA_VS_NORMOXIA_MYELOID_DC_DN, GSE22282_HYPOXIA_VS_NORMOXIA_MYELOID_DC_DN
                                                                                                                  GSE1460_NAIVE_CD4_TCELL_ADULT_BLOOD_VS_THYMIC_STROMAL_CELL_UP, GSE1460_NAIVE_CD4_TCELL_ADULT_BLOOD_VS_THYMIC_STROMAL_CELL_UP
                                                                                                                  GSE29949_MICROGLIA_VS_DC_BRAIN_DN, GSE29949_MICROGLIA_VS_DC_BRAIN_DN
                                                                                                                  GSE5589_WT_VS_IL10_KO_LPS_AND_IL6_STIM_MACROPHAGE_45MIN_DN, GSE5589_WT_VS_IL10_KO_LPS_AND_IL6_STIM_MACROPHAGE_45MIN_DN
                                                                                                                  GSE22611_MUTANT_NOD2_VS_CTRL_TRANSDUCED_HEK293T_CELL_UP, GSE22611_MUTANT_NOD2_VS_CTRL_TRANSDUCED_HEK293T_CELL_UP
                                                                                                                  GSE15659_NONSUPPRESSIVE_TCELL_VS_ACTIVATED_TREG_UP, GSE15659_NONSUPPRESSIVE_TCELL_VS_ACTIVATED_TREG_UP
                                                                                                                  GSE43955_10H_VS_30H_ACT_CD4_TCELL_DN, GSE43955_10H_VS_30H_ACT_CD4_TCELL_DN
                                                                                                                  GSE19941_UNSTIM_VS_LPS_STIM_IL10_KO_NFKBP50_KO_MACROPHAGE_DN, GSE19941_UNSTIM_VS_LPS_STIM_IL10_KO_NFKBP50_KO_MACROPHAGE_DN
                                                                                                                  GSE27786_NKCELL_VS_ERYTHROBLAST_DN, GSE27786_NKCELL_VS_ERYTHROBLAST_DN
                                                                                                                  SOBOLEV_T_CELL_PANDEMRIX_AGE_18_64YO_1DY_UP, SOBOLEV_T_CELL_PANDEMRIX_AGE_18_64YO_1DY_UP
                                                                                                                  GSE17721_CPG_VS_GARDIQUIMOD_0.5H_BMDC_UP, GSE17721_CPG_VS_GARDIQUIMOD_0.5H_BMDC_UP
                                                                                                                  GSE32034_UNTREATED_VS_ROSIGLIZATONE_TREATED_LY6C_LOW_MONOCYTE_DN, GSE32034_UNTREATED_VS_ROSIGLIZATONE_TREATED_LY6C_LOW_MONOCYTE_DN
                                                                                                                  GSE17721_CPG_VS_GARDIQUIMOD_2H_BMDC_UP, GSE17721_CPG_VS_GARDIQUIMOD_2H_BMDC_UP
                                                                                                                  SCHERER_PBMC_YF_VAX_OR_APSV_WETVAX_AGE_18_40YO_JOINT_TO_VACCINIA_AND_YELLOW_FEVER_DN, SCHERER_PBMC_YF_VAX_OR_APSV_WETVAX_AGE_18_40YO_JOINT_TO_VACCINIA_AND_YELLOW_FEVER_DN
                                                                                                                  GSE1925_CTRL_VS_3H_IFNG_STIM_IFNG_PRIMED_MACROPHAGE_UP, GSE1925_CTRL_VS_3H_IFNG_STIM_IFNG_PRIMED_MACROPHAGE_UP
                                                                                                                  GSE17721_LPS_VS_PAM3CSK4_0.5H_BMDC_DN, GSE17721_LPS_VS_PAM3CSK4_0.5H_BMDC_DN
                                                                                                                  GSE15930_STIM_VS_STIM_AND_IFNAB_24H_CD8_T_CELL_UP, GSE15930_STIM_VS_STIM_AND_IFNAB_24H_CD8_T_CELL_UP
                                                                                                                  THAKAR_PBMC_INACTIVATED_INFLUENZA_AGE_70PLS_VS_21_30YO_0DY_UP, THAKAR_PBMC_INACTIVATED_INFLUENZA_AGE_70PLS_VS_21_30YO_0DY_UP
                                                                                                                  GSE41978_ID2_KO_VS_ID2_KO_AND_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_UP, GSE41978_ID2_KO_VS_ID2_KO_AND_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_UP
                                                                                                                  PANAPASA_BLOOD_FLUENZ_AGE_03_17YO_3DY_4DY_DN, PANAPASA_BLOOD_FLUENZ_AGE_03_17YO_3DY_4DY_DN
                                                                                                                  GSE29615_DAY3_VS_DAY7_LAIV_FLU_VACCINE_PBMC_DN, GSE29615_DAY3_VS_DAY7_LAIV_FLU_VACCINE_PBMC_DN
                                                                                                                  GSE7831_CPG_VS_INFLUENZA_STIM_PDC_4H_DN, GSE7831_CPG_VS_INFLUENZA_STIM_PDC_4H_DN
                                                                                                                  GSE29618_LAIV_VS_TIV_FLU_VACCINE_DAY7_PDC_DN, GSE29618_LAIV_VS_TIV_FLU_VACCINE_DAY7_PDC_DN
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GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_MDC_UP, GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_MDC_UP

FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_INFLUENZA_VACCINE_CORRELATED_WITH_ANTIBODY_RESPONSE_AGE_18_40YO_0DY_NEGATIVE, FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_INFLUENZA_VACCINE_CORRELATED_WITH_ANTIBODY_RESPONSE_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZA_INFLUENZ